



Baseline Monitoring Report

0185/21/ED/0245 01

December 2021 to January 2022

Sai O Trunk Sewer Sewage Pumping Station

Ref.: SHKSOSPSEM00_0_0023L.22.docx

23 February 2022

By Fax (2827 0485) and By Post

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
Baseline Monitoring Report (0185/21/ED/0245/01)**

Reference is made to the Environmental Team's submission of the captioned Baseline Monitoring Report certified by the ET Leader (ET's ref.: "MCL/ED/0077/2022/C") provided to us via e-mail on 23 February 2022.

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 3.3 of EP-597/2021 and Section 12.3.1.1 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

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Document Control

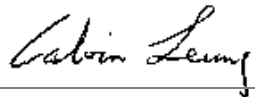
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Client Information

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EXECUTIVE SUMMARY

- i. Light Time Investments Limited is the Project Proponent and the Permit Holder of the Project for construction of Sai O Trunk Sewer Sewage Pumping Station (hereinafter referred as “the Project”), which is a Designated Project to be implemented under Environmental Permit number EP-597/2021.
- ii. Fugro Technical Services Limited (FTS) has been commissioned as the Environmental Team (ET) to perform relevant Environmental Monitoring and Audit (EM&A) programme for baseline environmental monitoring in accordance with the EM&A Manual approved under the Environmental Impact Assessment Ordinance (EIAO).
- iii. According to the Environmental Monitoring and Audit (EM&A) Manual air quality and noise monitoring should be required to be monitored during the baseline phase of the Project. Moreover, baseline environmental monitoring is required to be conducted prior to commencement of the construction works/activities under the Project.
- iv. The baseline air quality monitoring was conducted from 15 to 28 December 2021. The baseline noise monitoring work at monitoring location CN_M1 was conducted from 15 to 29 December 2021 and extend to 30 December 2021 due to adverse weather (e.g. rainfall) for sufficient data collection. While the baseline noise monitoring work at monitoring location CN_M2 was conducted from 15 to 29 December 2021 and extend to 1 January 2022 due to adverse weather (e.g. rainfall) and approved monitoring location issue for sufficient data collection. The baseline monitoring schedule is provided in **Appendix A**.
- v. During the baseline monitoring period, no construction activities under the Project were observed by ET.
- vi. An Alternative Air Quality Monitoring Location Proposal was submitted to EPD on 13 December 2021 in accordance with EP Condition 3.1 & Section 2.2.1.20 of the EM&A Manual, the monitoring location CA_M1 was proposed to be relocated by alternative monitoring location CA_M1(a). EPD’s approval letter is given in **Appendix B**.
- vii. This document presents the baseline monitoring requirements, methodologies and results of baseline measurements in accordance with the requirements of the approved EM&A Manual and as stipulated in the Environmental Permit (EP) (EP No. EP-597/2021).
- viii. The Action and Limit Levels for impact air quality monitoring are summarized in **Table I**. The baseline noise monitoring results and Action and Limit Levels for impact noise monitoring are summarized in **Table II**. The Action and Limit Levels for impact monitoring were derived based on the criteria adopted from the approved EM&A Manual.

Table I – Action and Limit Levels for Impact Air Quality Monitoring

Parameter	Monitoring Station	Action Level	Limit Level
1-hr TSP (average)	CA_M1(a)	339 $\mu\text{g}/\text{m}^3$	500 $\mu\text{g}/\text{m}^3$

Table II – Summary of Noise Baseline Monitoring Results and Action and Limit Levels for Impact Noise Monitoring

Frequency and Period	Location	Corrected L_{Aeq}		Action Level	Limit Level
		Range (dB(A))	Average (dB(A))		
0700-1900 in normal weekdays LA_{eq} (30min)	CN_M1	42.1 – 73.2	64.3	When one documented complaint is received	70dB(A) during normal teaching period and 65 dB(A) during examination periods
	CN_M2	43.5 – 72.0	62.5		

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**. The updated construction programme was presented in **Appendix K**.
- 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 SPS (hereinafter referred as “the Project”).

1.2 Purpose of this Report

- 1.2.1 This purpose of this baseline report is to determine the ambient conditions of the air quality and the noise levels, and to establish the Action Levels (AL) and Limit Levels (LL) for impact monitoring during the Project implementation period. This report presents the baseline monitoring requirements, methodologies and results of baseline measurements in accordance with the requirements of the approved EM&A Manual and as stipulated in the Environmental Permit (EP) (EP No. EP-597/2021).
- 1.2.2 The baseline air quality monitoring was conducted from 15 to 28 December 2021.
- 1.2.3 The baseline noise monitoring work at monitoring location CN_M1 was conducted from 15 to 29 December 2021 and extend to 30 December 2021 due to adverse weather (e.g. rainfall) for sufficient data collection.
- 1.2.4 While the baseline noise monitoring work at monitoring location CN_M2 was conducted from 15 to 31 December 2021 and extend to 1 January 2022 due to adverse weather (e.g. rainfall) and approved monitoring location issue for sufficient data collection. The baseline monitoring schedule is provided in **Appendix A**.

2. Air Quality Monitoring

2.1 Monitoring Requirement

- 2.1.1 With reference to Section 2.2.1.25 of the EM&A manual, the baseline air quality monitoring shall be carried out for at least 14 consecutive days prior to the commissioning of the construction works. 1-hour Total Suspended Particulates (TSP) sampling shall be done at least 3 times per day at each monitoring station. During the baseline monitoring, there should not be any construction or dust generating activities in the vicinity of the monitoring station.

2.2 Monitoring Location

- 2.2.1 In accordance with Section 2.2.1.19 of the 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. EPD's approval letter is given in **Appendix B**.
- 2.2.3 The air quality monitoring location summarised in **Table 2.1** and shown in **Figure 2.1**.

Table 2.1 – Air Quality Monitoring Locations

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

2.3 Monitoring Equipment

- 2.3.1 1-hour TSP air quality monitoring was performed using High Volume Sampler (HVS) deployed at the designated monitoring station. The HVS shall meet all the requirements of the EM&A Manual.
- 2.3.2 The model of the air quality monitoring equipment used is summarized in **Table 2.2**.

Table 2.2 – Air Quality Monitoring Equipment

Item	Location	Brand	Model	Equipment	Serial No.
1	CA_M1(a)	Tisch	TE-5170 (TSP)	High Volume Sampler	HVS-05
			TE-300-310X	-Mass Flow Controller	3088
			TE-5005X	-Blower Motor Assembly	2083
			TE-5007X	-Mechanical Timer	5159
			TE-5009X	-Continuous Flow Recorder	5483
2		Global Water	GL500-7-2	Wind Station	WS-03

2.4 Monitoring Methodology

HVS Installation

2.4.1 The following guidelines were adopted during the installation of HVS:

- i. A horizontal platform with appropriate support to secure the samplers against gusty wind shall be provided;
- ii. Two samplers shall be placed less than 2 meters apart;
- iii. The distance between the sampler and an obstacle, such as buildings, must be at least twice the height that the obstacle protrudes above the sampler;
- iv. A minimum of 2 metres of separation from walls, parapets and penthouses is required for rooftop samplers;
- v. A minimum of 2 metres of separation from any supporting structure, measured horizontally is required;
- vi. No furnace or incinerator flue is nearby;
- vii. Airflow around the sampler is unrestricted;
- viii. The sampler is more than 20 metres from the dripline;
- ix. Any wire fence and gate, to protect the sampler, shall not cause any obstruction during monitoring;
- x. Permission must be obtained to set up the samplers and to obtain access to the monitoring stations; and
- xi. A secured supply of electricity is needed to operate the samplers.

Operating / Analytical Procedures

2.4.2 Prior to the commencement of the dust sampling, the flow rate of the HVS shall be properly set. The flow rate shall be indicated on the flow rate chart. The power supply should be checked to ensure the proper functioning of the sampler. The sampler is recommended to be operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air monitoring station.

2.4.1 The filter holding frame should be removed by loosening the four nuts and placing carefully a weighted and conditioned filter at the centre with the stamped number upwards on a supporting screen.

2.4.2 The filter should be aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. The filter holding frame should be tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.

- 2.4.3 A programmed timer should be used to control the duration of operation. Information should be recorded on the record sheet, which included the starting time, the weather condition and the filter number.
- 2.4.4 After sampling process is finished, the filter should be removed and sent to the laboratory for weighting. The elapsed time should also be recorded.
- 2.4.5 All filter papers should be equilibrated in a conditioning environment for 24 hours before weighting. The conditioning environment temperature should be between 25°C and 30°C and not vary by more than $\pm 3^\circ\text{C}$; the relative humidity (RH) should be $< 50\%$ and not vary by more than $\pm 5\%$. A convenient working RH is 40%.
- 2.4.6 Fugro Technical Services Limited (HOKLAS Reg: No.015) has been appointed to conduct the laboratory measurement of filter papers sample in this project. The certificate of accreditation are shown in **Appendix C**.

2.5 Maintenance and Calibration

- 2.5.1 The high volume motors and their accessories should be properly maintained, including routine motor brushes replacement and electrical wiring checking, to ensure that the equipment and a continuous power supply were in good working condition.
- 2.5.2 Initial calibration of dust monitoring equipment shall be conducted upon installation and thereafter at bimonthly intervals. The transfer standard shall be traceable to the internationally recognized primary standard and be calibrated annually. The calibration certificate for the HVS is provided in **Appendix D**.

2.6 Results and Observations

- 2.6.1 The baseline monitoring work was conducted from 15 to 28 December 2021. The monitoring data are summarized in **Table 2.3**. Detailed air quality monitoring results are presented in **Appendix E** and wind data are presented in **Appendix F**.

Table 2.3 – Summary of Air Quality Monitoring Results

Monitoring Station	Average 1-hour TSP ($\mu\text{g}/\text{m}^3$)	Range of the 1-hour TSP ($\mu\text{g}/\text{m}^3$)
CA_M1(a)	137.3	70.8 – 259.9

- 2.6.2 Road traffic emissions at Nin Ming Road and dusty road between Nin Ming Road & Cheung Muk Tau Kite-flying Site is identified as the major dust emission sources. Vehicles had been passing by the air quality monitoring stations and may also generate dust.

2.7 Action and Limit Levels for Air Quality Monitoring

- 2.7.1 The baseline monitoring results from the basis for determining the air quality criteria for the impact monitoring. Determination of the air quality criteria (Action and Limit Levels (AL & LL) for Air Quality) are summarized in **Table 2.4**.

Table 2.4 – Determination of Action and Limit Levels for Construction Dust Impact Monitoring

Parameter	Action Level	Limit Level
1-hr TSP (average)	$BL \leq 384 \mu\text{g}/\text{m}^3$, $AL = (BL \times 1.3 + LL)/2$ $BL > 384 \mu\text{g}/\text{m}^3$, $AL = LL$	500 $\mu\text{g}/\text{m}^3$

- 2.7.2 Following the above guidelines, the Action and Limit Levels for air quality impact monitoring have been set, as presented in **Table 2.5**.

Table 2.5 – Action and Limit Levels for 1-hr TSP

Parameter	Monitoring Station	Action Level	Limit Level
1-hr TSP (average)	CA_M1(a)	339 $\mu\text{g}/\text{m}^3$	500 $\mu\text{g}/\text{m}^3$

2.8 Event and Action Plan

- 2.8.1 The Event and Action Plan for Air Quality are given in **Appendix G**.

3. Noise Monitoring

3.1 Monitoring Requirement

- 3.1.1 With reference to Section 3.5 of the EM&A manual, the baseline noise monitoring shall be carried out for at least 2 weeks prior to the commissioning of the construction works. During the baseline monitoring, there shall not be any construction activities in the vicinity of the monitoring stations.
- 3.1.2 The baseline noise monitoring parameters and frequencies are presents in **Table 3.1**.

Table 3.1 – Baseline Monitoring Parameters and Frequencies of Noise Monitoring

Parameter	Frequency and Period
L _{Aeq} (30 min) (L ₁₀ and L ₉₀ will be recorded for reference)	Continuously throughout the measurement period (Daytime: 0700-1900) for 14 consecutive days

3.2 Monitoring Locations

- 3.2.1 In accordance with Section 3.4 of the EM&A Manual, noise monitoring should be carried out at 2 designated monitoring locations.
- 3.2.2 The noise monitoring locations are summarised in **Table 3.2** and shown in **Figure 3.1**.

Table 3.2 – Noise Monitoring Locations

Monitoring Location ID	Location	Measurements
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.

3.3 Monitoring Equipment

- 3.3.1 As referred to the requirements of the Technical Memorandum (TM) issued under the NCO, the sound level meters in compliance with the International Electro technical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications should be used for carrying out the noise monitoring. Immediately prior to and following each noise measurement, the accuracy of the sound level meter should be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. The measurements may be accepted as valid only if the difference between calibration levels obtained before and after the noise measurement is less than 1.0 dB.

3.3.2 The model of the noise monitoring equipment used is summarized in **Table 3.3**.

Table 3.3 – Noise Monitoring Equipment

Item	Location	Brand	Model	Equipment	Serial No.
1	CN_M1	Casella	CEL-63X Series	Integrating Sound Level Meter	1488314
2	CN_M2	Casella	CEL-63X Series	Integrating Sound Level Meter	1488293
4		Casella	CEL-120/1	Calibrator	5230758
5		Benetech	GM816	Anemometer	WS-03

3.3.3 The ET is responsible for the provision of the monitoring equipment and should ensure that sufficient noise measuring equipment and associated instrumentation are available for carrying out the baseline monitoring, regular impact monitoring and ad hoc monitoring. All the equipment and associated instrumentation should be clearly labelled.

3.3.4 The monitoring procedures are as follows:

- The monitoring station will set at a point 1m from the exterior of the sensitive receivers building façade and set at a position 1.2m above the ground.
- The battery condition was checked to ensure good functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time will set as follows:
 - frequency weighting : A
 - time weighting : Fast
 - measurement time : continuous 5 minutes interval
- Prior to and after noise measurement, the meter shall be calibrated using the calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement will considered invalid and repeat of noise measurement is required after re-calibration or repair of the equipment.
- Noise measurement should be paused during periods of high intrusive noise if possible and observation shall be recorded when intrusive noise is not avoided.
- Noise measurements shall not be made in fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s. Calibration certificate of the anemometer is provided in **Appendix D**.

3.3.5 Maintenance and Calibration procedures are as follows:

- The microphone head of the sound level meter and calibrator should be cleaned with a soft cloth at quarterly intervals.
- The sound level meter and calibrator should be calibrated annually by a HOKLAS laboratory.
- Relevant calibration certificates are provided in **Appendix D**.

3.4 Results and Observations

- 3.4.1 The baseline noise monitoring work at monitoring location CN_M1 was conducted from 15 to 29 December 2021 and extend to 30 December 2021 due to adverse weather (e.g. rainfall) for sufficient data collection.
- 3.4.2 While the baseline noise monitoring work at monitoring location CN_M2 was conducted from 15 to 29 December 2021 and extend to 1 January 2022 due to adverse weather (e.g. rainfall) and approved monitoring location issue for sufficient data collection. For the approved monitoring location issue, a phone call was received by a security guard of HKBTS at around 16:00 on 22 December 2021. In the phone call, the security guard rejected the setup of the noise monitoring station at CN_M2 (the area of HKBTS). The noise monitoring station was removed close to the kerb of the pedestrian, the monitoring results from 23 December 2021 09:30 to 19:00 & 24 December 2021 07:00 to 19:00 will not be recorded in this report. The baseline noise monitoring work at monitoring location CN_M2 was conducted with site staff from 25 to 27 December 2021. After communication with HKBTS on 28 December 2021, the approved monitoring location issue had been handled and the noise monitoring station was set up at CN_M2.
- 3.4.3 With reference to the Hong Kong Observatory data and site observation, rainy weather was observed in a part of baseline monitoring period. And no windy (over 5 m/s average wind speed) weather was observed. The monitoring results at the rainy weather were considered as invalid. The weather condition in the monitoring period is provided in **Appendix H**.
- 3.4.4 Road traffic noise along Ning Ming Road was observed at CN_M1 & CN_M2 during the baseline monitoring.
- 3.4.5 The monitoring data are summarized in **Table 3.4**. Detailed noise monitoring data are presented in **Appendix I**.

Table 3.4 – Summary of Noise Monitoring Results

Frequency and Period	Location	Corrected L_{Aeq}	
		Range (dB(A))	Average (dB(A))
0700-1900 in normal weekdays L_{Aeq} (30min)	CN_M1	42.1 – 73.2	64.3
	CN_M2	43.5 – 72.0	62.5
0700-1900 other than normal weekdays L_{Aeq} (5min)	CN_M1	44.7 – 76.8	63.7
	CN_M2	44.5 – 79.8	62.6

3.5 Action and Limit Level

- 3.5.1 The Action and Limit Levels were established in accordance with the EM&A Manual. The baseline noise level shall be referenced during the compliance check in the impact noise monitoring period. The action and limit levels for construction noise were presents in **Table 3.5**.

Table 3.5 – Action and Limit Levels for Construction Noise

Time Period	Location	Action Level	Limit Level
0700-1900 in normal weekdays	CN_M1	When one documented complaint is received	70dB(A) during normal teaching period and 65 dB(A) during examination periods
	CN_M2		

3.6 Event and Action Plan

- 3.6.1 The Event and Action Plan for Noise are given in **Appendix J**.

4. Revisions for Inclusion in the EM&A Manual

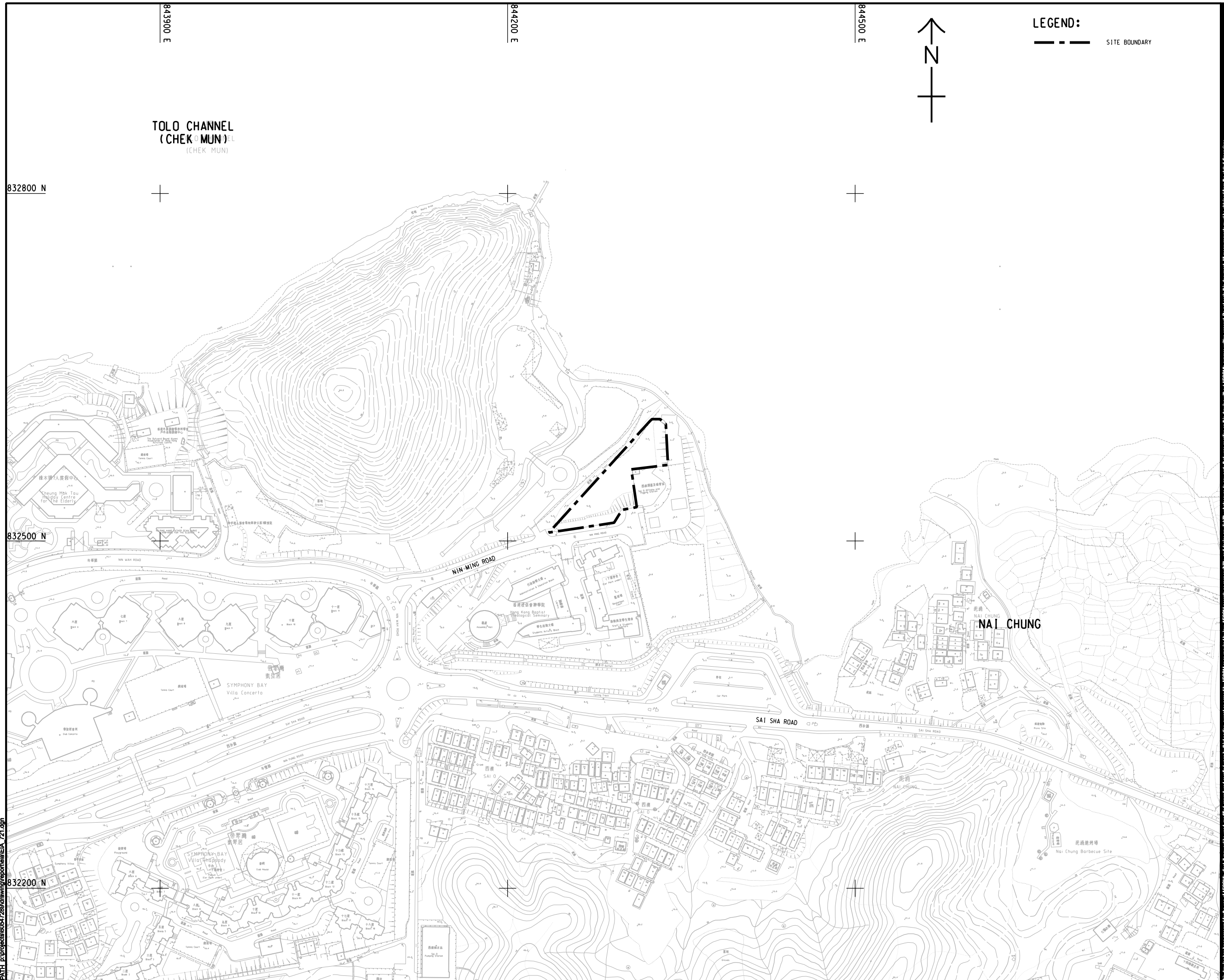
- 4.1.1 The baseline monitoring for air quality and noise were conducted in accordance with the requirements as set out in the EM&A Manual. The monitoring methodology and parameters monitored are all in line with the EM&A Manual.

5. Comments and Conclusion

- 5.1.1 Baseline air quality monitoring was conducted from 15 to 28 December 2021.
- 5.1.2 The baseline noise monitoring work at monitoring location CN_M1 was conducted from 15 to 29 December 2021 and extend to 30 December 2021 due to adverse weather (e.g. rainfall) for sufficient data collection.
- 5.1.3 While the baseline noise monitoring work at monitoring location CN_M2 was conducted from 15 to 29 December 2021 and extend to 1 January 2022 due to adverse weather (e.g. rainfall) and approved monitoring location issue for sufficient data collection. While the baseline noise monitoring work at monitoring location CN_M2 was conducted from 15 to 29 December 2021 and extend to 1 January 2022 due to adverse weather (e.g. rainfall) and approved monitoring location issue for sufficient data collection. For the approved monitoring location issue, a phone call was received by a security guard of HKBTS at around 16:00 on 22 December 2021. In the phone call, the security guard rejected the setup of the noise monitoring station at CN_M2 (the area of HKBTS). The noise monitoring station was removed close to the kerb of the pedestrian, the monitoring results from 23 December 2021 09:30 to 19:00 & 24 December 2021 07:00 to 19:00 will not be recorded in this report. The baseline noise monitoring work at monitoring location CN_M2 was conducted with site staff from 25 to 27 December 2021. After communication with HKBTS on 28 December 2021, the approved monitoring location issue had been handled and the noise monitoring station was set up at CN_M2.
- 5.1.4 The baseline monitoring were carried out in accordance with the EM&A Manual, in respect of the methodology, equipment, location and monitoring parameters.
- 5.1.5 The Action and Limit Levels were derived based on the baseline monitoring results, impact monitoring will be conducted in the construction phase based on the established Action and Limit Levels.

Figure 1.1

Location of the proposed Sai O Trunk
SPS



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AECOM

PROJECT

**TOLO HARBOUR
SEWERAGE OF
UNSEWERED AREAS
STAGE 2 -
INVESTIGATION, DESIGN
AND CONSTRUCTION**

CLIENT
業主



CONSULTANT
工程顧問公司

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ISSUE/REVISION
発行

IR 修訂	DATE 日期	DESCRIPTION 內容摘要	CHN 複校
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STATUS

SCALE
比例

DIMENSION UNIT
尺寸單位

A1 1 : 1500

METRES

KEY PLAN
索引圖

PROJECT NO.
項目編號

60547289

SHEET TITLE
圖紙名義

**LOCATION OF THE PROPOSED
SAI O TRUNK SEWER SEWAGE
PUMPING STATION**

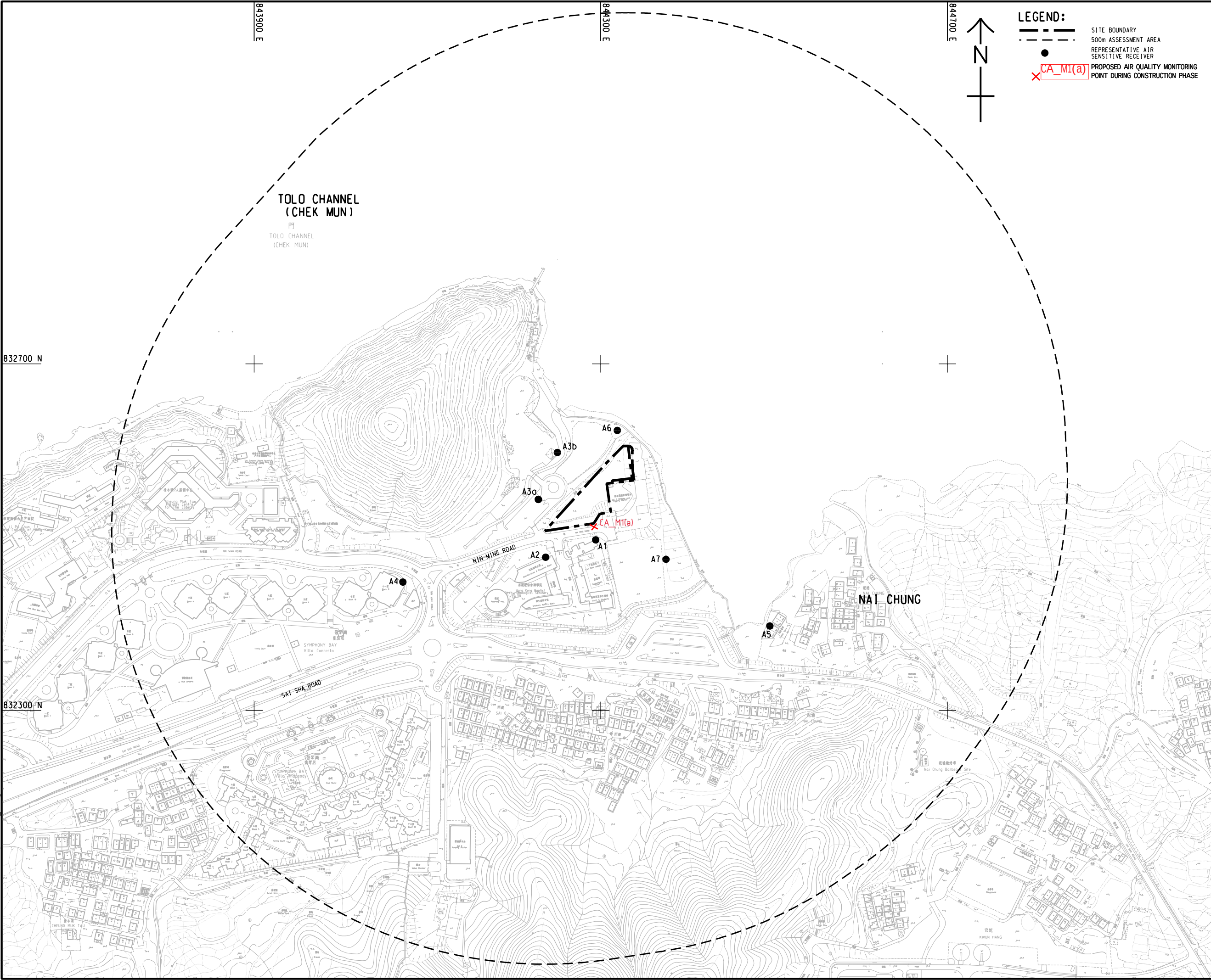
SHEET NUMBER
圖紙編號

60547289/EM&A/FIGURE 1.1

Figure 2.1

Air Quality Monitoring Location

ISO A1 594mm x 841mm
Approved:
Checked:
Designer:
Project Management Initials:
Plot File by: ZHUJUNZ 2020/12/21
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PROJECT
項目
**TOLO HARBOUR
SEWERAGE OF
UNSEWERED AREAS
STAGE 2 -
INVESTIGATION, DESIGN
AND CONSTRUCTION**
CLIENT
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ISSUE/REVISION
修訂

I/R 修訂	DATE 日期	DESCRIPTION 修改描述	CHK. 校核
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STATUS
狀態

SCALE
比例
A1 1 : 2000

DIMENSION UNIT
單位
METRES

KEY PLAN
索引圖

PROJECT NO.
項目編號
60547289

CONTRACT NO.
合約編號

SHEET TITLE
圖紙名稱

LOCATIONS OF PROPOSED DUST
MOINTORING POINT

SHEET NUMBER
圖紙編號

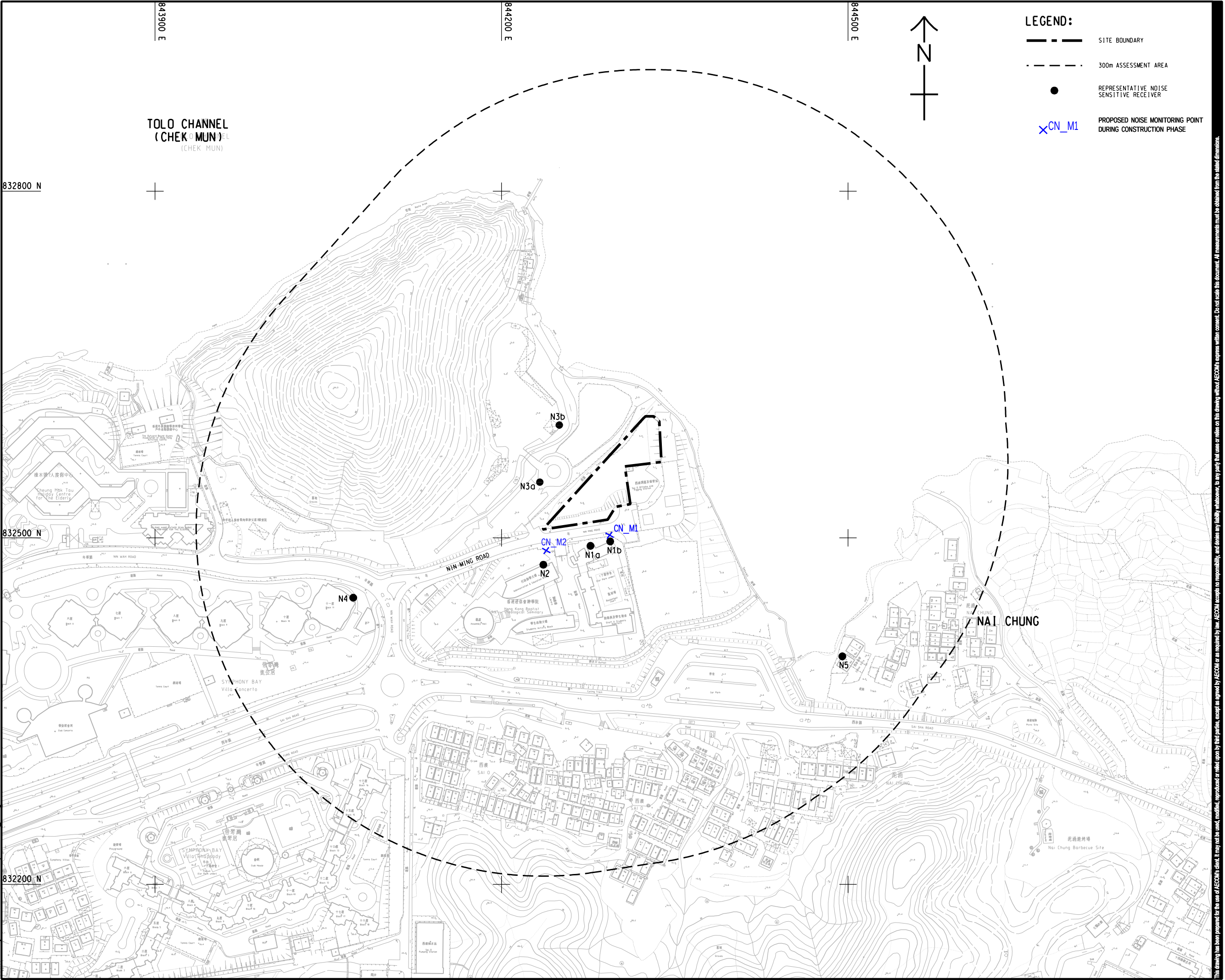
60547289/EM&A/FIGURE 2.1

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Figure 3.1

Noise Monitoring Locations

ISO A1 594mm x 841mm
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Checked:
Designer:
Project Management Initials:
Pld File by: ZHUNZ 2020/10/28
PATH P:\p\636360647289\DRAWING\Report\EM&A 741.dgn



LEGEND:

- SITE BOUNDARY
- - - 300m ASSESSMENT AREA
- REPRESENTATIVE NOISE SENSITIVE RECEIVER
- ✕CN_M1 PROPOSED NOISE MONITORING POINT DURING CONSTRUCTION PHASE

AECOM

PROJECT
項目

**TOLO HARBOUR
SEWERAGE OF
UNSEWERED AREAS
STAGE 2 -
INVESTIGATION, DESIGN
AND CONSTRUCTION**

CLIENT
業主

渠務署
Drainage Services Department

CONSULTANT
工程顧問公司

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

ISSUE/REVISION			
修訂			
I/R	DATE	DESCRIPTION	CHK.
修訂	日期	內容摘要	校核
STATUS			
階段			
SCALE		DIMENSION UNIT	
比例		尺寸單位	
A1 1 : 1500		METRES	
KEY PLAN			
索引圖			

PROJECT NO.
項目編號

60547289

CONTRACT NO.
合約編號

SHEET TITLE
圖紙名稱

LOCATIONS OF PROPOSED NOISE
MOINTORING POINT

SHEET NUMBER
圖紙編號

60547289/EM&A/FIGURE 3.1

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Appendix A

Baseline Monitoring Schedule

Project: EP-597/2021 Sai O Trunk Sewer Sewage Pumping Station

Baseline Air Quality & Noise Monitoring Schedule (December 2021 to January 2022)

Sun	Mon	Tue	Wed	Thur	Fri	Sat
12 December	13	14	15 • AQM • NM(CN_M1) • NM(CN_M2)	16 • AQM • NM(CN_M1) • NM(CN_M2)	17 • AQM • NM(CN_M1) • NM(CN_M2)	18 • AQM • NM(CN_M1) • NM(CN_M2)
19 • AQM • NM(CN_M1) • NM(CN_M2)	20 • AQM • NM(CN_M1) • NM(CN_M2)	21 • AQM • NM(CN_M1) • NM(CN_M2)	22 • AQM • NM(CN_M1) • NM(CN_M2)	23 • AQM • NM(CN_M1) • NM(CN_M2)	24 • AQM • NM(CN_M1)	25 • AQM • NM(CN_M1) • NM(CN_M2)
26 • AQM • NM(CN_M1) • NM(CN_M2)	27 • AQM • NM(CN_M1) • NM(CN_M2)	28 • AQM • NM(CN_M1) • NM(CN_M2)	29 • NM(CN_M1) • NM(CN_M2)	30 • NM(CN_M1) • NM(CN_M2)	31 • NM(CN_M2)	1 January • NM(CN_M2)

Remarks

1. Actual monitoring may be subjected to change due to any safety concern or adverse weather condition;
2. Air Quality Monitoring(AQM): 3 x 1-hours TSP Monitoring;
Monitoring Locations: CA_M1(a) Construction Site Boundary near Hong Kong Baptist Theological Seminary (HKBTS) Staff & Students Quarters
3. Noise Monitoring(NM(CN_M1)): Leq (30 min) between 0700 and 1900 hours;
Monitoring Locations: CN_M1 In front of the HKBTS Staff & Students Quarters
4. Noise Monitoring(NM(CN_M2)): Leq (30 min) between 0700 and 1900 hours;
Monitoring Locations: CN_M2 In front of the HKBTS Administration and Education Block

Appendix B

EPD's Approval Letter

來函編號
OUR REF: EP2/N5/F/66 Pt. 4
來函編號
YOUR REF:
電話
TEL. NO.: 2835 1843
圖文傳真
FAX NO.: 2591 0558
電子郵件
E-MAIL: evalau@epd.gov.hk
網址
HOMEPAGE: http://www.epd.gov.hk

Environmental Protection Department
Branch Office
27th Floor, Southorn Centre,
130 Hennessy Road,
Wan Chai, Hong Kong.



環境保護署分處
香港灣仔
軒尼詩道
一百三十號
修頓中心廿七樓

15 December 2021

By Registered Post

Light Time Investments Limited
42th Floor, Sun Hung Kai Centre,
30 Harbour Road,
Hong Kong
(Attn: Mr. Cheung Chin Hung, Sunny – Senior Project Manager)

Dear Mr. Cheung,

Sai O Trunk Sewer Sewage Pumping Station

EP Condition 3.1: Change to Environmental Monitoring & Audit (EM&A) Programme –
Proposal for Alternative Air Quality Monitoring Station
(Environmental Permit (EP) No. EP-597/2021)

We refer to the letter from Fugro Technical Services Limited (Environmental Team (ET) Leader) dated 13 December 2021 (Ref.: MCL/ED/0484/2021/C) submitting a proposal for Alternative Air Quality Monitoring Station (the Proposal), certified by the ET Leader and verified by the Independent Environmental Checker (IEC), for our approval in accordance with EP Condition 3.1 of EP-597/2021.

Based on the information provided in the Proposal, we consider that the Proposal has fulfilled the requirements under Sections 2.2.1.20 and 2.2.1.21 of the EM&A Manual. Hence the Proposal is considered acceptable and would be placed in the EIAO Register for public information.

While the submission will be deposited with the Director as examined under the EIAO (Cap. 499), this does not absolve the proponent from any requirements or obligations under other laws in force in Hong Kong, nor the proponent's liability due to any conflicts, nuisance or damages that the proposed works may cause to third parties.

(Ms. Eva LAU)

Senior Environmental Protection Officer
for Director of Environmental Protection

C.C.

Engineer's Representative – AECOM

IEC – Ramboll Hong Kong Limited

ET Leader – Fugro Technical Services Limited

(Attn: Mr. C K Man)

(Attn: Mr. Y H Hui)

(Attn: Mr. Calvin Leung)

Fax: 3922 9797

Fax: 3465 2899

Fax: 2450 6138

Appendix C

HOKLAS Certificate of Accreditation



Hong Kong Accreditation Service
香港認可處

Certificate of Accreditation
認可證書

This is to certify that
特此證明

FUGRO TECHNICAL SERVICES LIMITED

輝固技術服務有限公司

Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, New Territories, Hong Kong
香港新界屯門大欖樂怡街五號輝固發展中心

has been accepted by the HKAS Executive, on the recommendation of the Accreditation Advisory Board, as a
在認可諮詢委員會的建議下獲香港認可處執行機關接受為

HOKLAS Accredited Laboratory
「香港實驗所認可計劃」認可實驗所

This laboratory meets the requirements of ISO/IEC 17025:2005 and it has been accredited for performing specific tests or calibrations as listed in the scope of accreditation within the test category of

Environmental Testing

此實驗所符合ISO/IEC 17025:2005所訂的要求
並獲認可進行載於認可範圍內下述測試類別中的指定測試或校正工作

環境測試

This accreditation to ISO/IEC 17025:2005 demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (see joint IAF-ILAC-ISO Communiqué).
此項 ISO/IEC 17025:2005 的認可資格證明此實驗所具備指定範疇內所須的技術能力並實施一套實驗所質量管理體系(見國際認可論壇、國際實驗所認可合作組織及國際標準化組織的聯合公報)。

The common seal of the Hong Kong Accreditation Service is affixed hereto by the authority of the HKAS Executive
現經香港認可處執行機關授權在此蓋上香港認可處的印章

WONG Wang-wah, Executive Administrator
執行幹事 黃宏華
Issue Date : 20 December 2016
簽發日期：二零一六年十二月二十日

Registration Number : **HOKLAS 015**
註冊號碼：



Date of First Registration : 23 March 1989
首次註冊日期：一九八九年三月二十三日

Appendix D

Equipment Calibration Certificates

Air Quality Monitoring Equipment

TSP SAMPLER CALIBRATION CALCULATION SPREADSHEET

Model:	Tisch TE-5170	Date of Calibration:	15-Dec-21
Equipment No.:	HVS-05	Next Calibration Date:	14-Feb-22
Location:	CA_M1(a)	Technician:	Ho Woo

CONDITIONS			
Sea Level Pressure (hPa):	1016.10	Corrected Pressure (mm Hg):	762
Temperature (°C):	21.5	Temperature (K):	295

CALIBRATION ORIFICE			
Model:	Tisch TE-5025A	Qstd Slope:	2.04731
Serial No.:	2456	Qstd Intercept:	0.00573
Calibration Date:	4-Jun-21	Expiry Date:	4-Jun-22

CALIBRATIONS							
Plate No.	H2O (L) (in)	H2O (R) (in)	H2O (in)	Qstd (m³/min)	I (chart)	IC (corrected)	LINEAR REGRESSION
18	5.70	-6.00	11.700	1.680	57.00	57.42	Slope = 25.8474 Intercept = 14.7199 Corr. coeff.= 0.9971
13	4.40	-4.70	9.100	1.481	53.00	53.39	
10	3.50	-3.80	7.300	1.327	49.00	49.36	
7	2.50	-2.70	5.200	1.119	44.00	44.32	
5	1.30	-1.50	2.800	0.821	35.00	35.26	

Calculations:

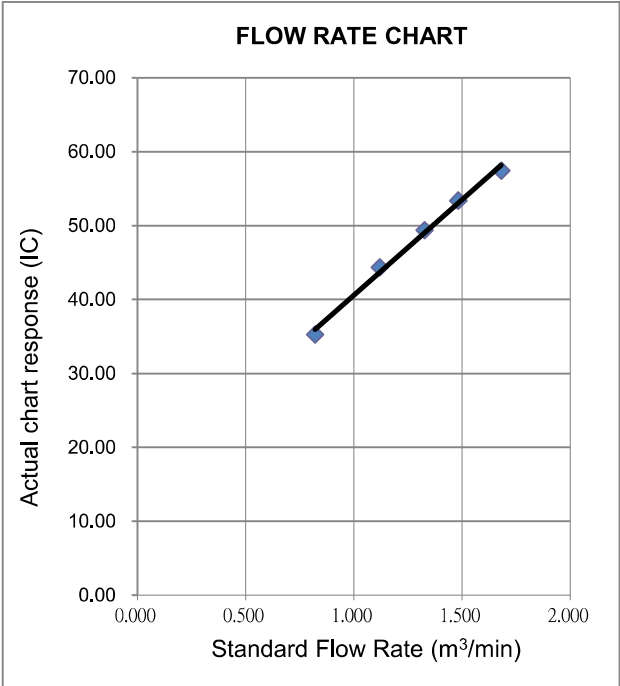
Qstd = 1/m[Sqrt(H2O(Pa/Pstd)(Tstd/Ta))-b]
IC = I[Sqrt(Pa/Pstd)(Tstd/Ta)]

Qstd = standard flow rate
IC = corrected chart response
I = actual chart response
m = calibrator Qstd slope
b = calibrator Qstd intercept
Ta = actual temperature during calibration (deg K)
Pa = actual pressure during calibration (mm Hg)
Tstd = 298 deg K
Pstd = 760 mm Hg

For subsequent calculation of sampler flow:
1/m((I)[Sqrt(298/Tav)(Pav/760)]-b)

m = sampler slope
b = sampler intercept
I = chart response
Tav = daily average temperature
Pav = daily average pressure

FLOW RATE CHART



Calibrated by : Ho Woo Date : 15 Dec 2021 Supervised by : [Signature] Date : 15 Dec 2021

Certificate of Calibration

Calibration Certification Information

Cal. Date: June 4, 2021 Rootmeter S/N: 438320 Ta: 294 °K
Operator: Jim Tisch Pa: 750.3 mm Hg
Calibration Model #: TE-5025A Calibrator S/N: 2456

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4450	3.2	2.00
2	3	4	1	1.0220	6.4	4.00
3	5	6	1	0.9070	8.0	5.00
4	7	8	1	0.8650	8.8	5.50
5	9	10	1	0.7130	12.8	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H \left(\frac{Pa}{Pstd} \right) \left(\frac{Tstd}{Ta} \right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H \left(\frac{Ta}{Pa} \right)}$ (y-axis)
0.9964	0.6896	1.4147	0.9957	0.6891	0.8853
0.9922	0.9708	2.0007	0.9915	0.9701	1.2519
0.9900	1.0915	2.2368	0.9893	1.0908	1.3997
0.9890	1.1433	2.3460	0.9883	1.1425	1.4680
0.9836	1.3795	2.8294	0.9829	1.3786	1.7705
QSTD	m=	2.04731	QA	m=	1.28199
	b=	0.00573		b=	0.00358
	r=	0.99996		r=	0.99996

Calculations

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

Standard Conditions

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

RECALIBRATION

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

CALIBRATION REPORT OF WIND METER

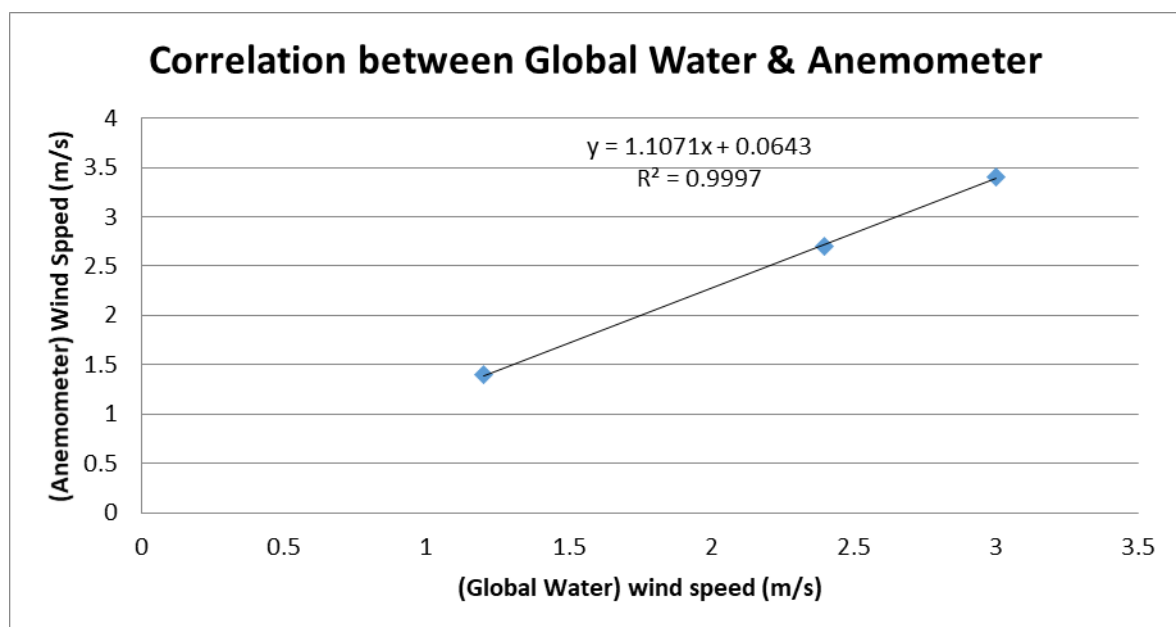
EP No.: EP-597/2021		Date of Calibration:	15-Dec-2021
Location: Sai O Trunk Sewer Sewage Pumping Station		Next Calibration Date:	14-May-2022
Brand: Global Water		Technician:	Ho Woo
Model: GL500-7-2	Equipment ID: WS-03		
Anemometer			
Brand: Smart Sensor			
Model: AR816	Equipment ID: WS-03		
Procedures:			
1. Wind Still Test:	The wind speed sensor was held by hand until stabilized.		
2. Wind Speed Test:	By direct comparison the reading between the wind speed sensor and the Anemometer.		
3. Wind Direction Test:	The wind meter was calibrated in-situ and compared with a marine compass from four directions.		

Wind Still Test:

Wind Speed (m/s)
0.00

Wind Speed Test:

Global Water (m/s)	Anemometer (m/s)
1.2	1.4
2.4	2.7
3.0	3.4


Remarks:

- Actual Wind Speed Value (m/s) = $1.1071 \times (\text{Reading of Global Water Instrument}) + 0.0643$
- Correlation coefficient (R^2) = 0.9997
- Acceptable Range: $R^2 \geq 0.99$



FUGRO TECHNICAL SERVICES LIMITED

Room 723 & 725, 7/F, Block B,
Profit Industrial Building,
1-15 Kwai Fung Crescent, Kwai Fong,
Hong Kong.

CALIBRATION REPORT OF WIND METER

Wind Direction Test:

	Marine Compass (o)
0	2
53	54
91	90
274	276

Man Cheuk Yin
Project Consultant

Report Date: **15/12/2021**

Noise Monitoring Equipment

Report no.: 212769CA212343

Page 1 of 1

CALIBRATION CERTIFICATE OF SOUND LEVEL METER

Client Supplied Information

Client : Fugro Technical Services Ltd.

Project : Calibration Services

Details of Unit Under Test, UUT

Description : Sound Level Meter

Manufacturer : Casella

Model No. :

Meter	Microphone	Preamplifier
CEL-63X	CE-251	CEL-495
1488314	05175	003975

Serial No. :

Equipment ID : N/A

Next Calibration Date : 23-Sep-2022

Specification Limit : EN 61672-1: 2003 Class 1

Laboratory Information

Details of Reference Equipment -

Description : B & K Acoustic Multifunction Calibrator 4226 (Traditional free field setting)

Equipment ID. : R-108-1

Date of Calibration : 24-Sep-2021

Calibration Location : Calibration Laboratory of FTS Ambient Temperature : 20±2 °C

Method Used : By direct comparison Relative Humidity : <80% R.H.

Calibration Results :

Parameters		Mean Value (dB)	Specification Limit(dB)
A-weighting frequency response	4000Hz	0.8	2.6 to -0.6
	2000Hz	1.1	2.8 to -0.4
	1000Hz	0.0	1.1 to -1.1
	500Hz	-3.3	-1.8 to -4.6
	250Hz	-8.7	-7.2 to -10.0
	125Hz	-16.2	-14.6 to -17.6
	63Hz	-26.2	-24.7 to -27.7
	31.5Hz	-39.1	-37.4 to -41.4
Differential level linearity	94dB-104dB	0.0	± 0.6
	104dB-114dB	0.0	± 0.6

Remarks :

1. The equipment used in this calibration is traceable to recognized National Standards.
2. The mean value is the average of four measurements.
3. For calibration: Reference SPL are 94, 104 & 114dB, range setting is 20-140dB & time weighting is fast
4. The UUT does comply with EN 61672-1: 2003 Class 1 sound level meter for the above measurement.
5. The values given in this Calibration Certificate only relate to unit under test and the values measured at the time of the test. Any uncertainties will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling or the capability of any other laboratory to repeat the measurement.

Checked by : Canny Date : 29-9-2021 Certified by : Chan Chun Wai Date : 29.9.2021
CA-R-297 (22/07/2009) Chan Chun Wai (Manager)

** End of Report **

Report no.: 212769CA211755

Page 1 of 1

CALIBRATION CERTIFICATE OF SOUND LEVEL METER

Client Supplied Information

Client : Fugro Technical Services Ltd.

Address : Room 723 & 725, 7/F., Block B Profit Industrial Building, 1-15 Kwai Fung Crescent, Kwai Chung, N.T.

Project : Calibration Services

Details of Unit Under Test, UUT

Description : Sound Level Meter
Manufacturer : Casella

	Meter	Microphone	Preamplifier
Model No.	CEL-63X	CE-251	CEL-495
Serial No.	1488293	04064	004061
Equipment ID	N/A		
Next Calibration Date	25-Jul-2022		
Specification Limit	EN 61672-1: 2003 Class 1		

Laboratory Information

Details of Reference Equipment -

Description : B & K Acoustic Multifunction Calibrator 4226 (Traditional free field setting)
Equipment ID : R-108-1

Date of Calibration : 26-Jul-2021

Calibration Location : Calibration Laboratory of FTS

Ambient Temperature : 20±2 °C

Method Used : By direct comparison

Relative Humidity : <80% R.H.

Calibration Results :

Parameters		Mean Value (dB)	Specification Limit(dB)
A-weighting frequency response	4000Hz	1.0	2.6 to -0.6
	2000Hz	1.2	2.8 to -0.4
	1000Hz	0.0	1.1 to -1.1
	500Hz	-3.4	-1.8 to -4.6
	250Hz	-8.7	-7.2 to -10.0
	125Hz	-16.2	-14.6 to -17.6
	63Hz	-26.1	-24.7 to -27.7
	31.5Hz	-38.9	-37.4 to -41.4
Differential level linearity	94dB-104dB	0.3	± 0.6
	104dB-114dB	-0.3	± 0.6

Remarks :

1. The equipment used in this calibration is traceable to recognized National Standards.
2. The mean value is the average of four measurements.
3. The expanded uncertainty is 0.3 dB with a coverage factor of 2 at a confidence level of 95%.
4. For calibration: Reference SPL are 94, 104 & 114dB, range setting is 20-140dB & time weighting is fast
5. The UUT does comply with EN 61672-1: 2003 Class 1 sound level meter for the above measurement.
6. The values given in this Calibration Certificate only relate to unit under test and the values measured at the time of the test. Any uncertainties will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling or the capability of any other laboratory to repeat the measurement.

Checked by : Cenny Date : 30-7-2021 Certified by : K.T. Leung Date : 30-7-2021
CA-R-297 (22/07/2009) Leung Kwok Tai (Assistant Manager)

** End of Report **

Report no.: 212769CA211664

Page 1 of 1

CALIBRATION CERTIFICATE OF SOUND CALIBRATOR

Client : Fugro Technical Services Ltd.

Project : Calibration Services

Client Supplied Information**Details of Unit Under Test, UUT**

Description : Sound Calibrator
Manufacturer : Casella (Model CEL-120/1)
Serial No. : 5230758
Equipment ID : N/A

Next Calibration Date : 15-Jul-2022

Specification Limit : EN 60942: 2003 Class 1

Laboratory Information**Details of Calibration Equipment**

Description : Reference Sound level meter
Equipment ID. : R-119-2

Date of Calibration : 16-Jul-2021

Calibration Location : Calibration Laboratory of FTS Ambient Temperature : 20±2 °C

Method Used : By direct comparison Relative Humidity : <80% R.H.

Calibration Results :

Parameters (Setting of UUT)	Mean Value (error of measurement)	Specification Limit(dB)
94dB	-0.2 dB	±0.4dB
114dB	-0.2 dB	

Remarks :

1. The equipment used in this calibration is traceable to recognized National Standards.
2. The mean value is the average of four measurements.
3. The expanded uncertainty is 0.3 dB with a coverage factor of 2 at a confidence level of 95%.
4. The unit under test complies with the specification limit.
5. The values given in this Calibration Certificate only relate to the unit-under-test and the values measured at the time of the test. Any uncertainties quoted will not include allowances for the environmental changes, variation and shock during transportation, or the capability of any other laboratory to repeat the measurement.

Checked by : Cuny Date : 20-7-2021 Certified by : R.T. Leung Date : 20-7-2021
CA-R-297 (22/07/2009) Leung Kwok Tai (Assistant Manager)

**** End of Report ****

Report No. : 212769CA211337

Page 1 of 1

CALIBRATION CERTIFICATE OF ANEMOMETER**Client Supplied Information**

Client : Fugro Technical Services Ltd.

Project : Calibration Services

Details of Unit Under Test, UUT

Description : Anemometer

Manufacturer : Smart Sensor

Model No. : AR816

Serial No. : H0423689

Equipment ID.: WS-03

Next Calibration Date : 15-Jun-2022

Laboratory Information

Details of Reference Equipment –

Description : Reference Anemometer

Equipment ID.: R-101-4

Date of Calibration : 16-Jun-2021 Ambient Temperature : 22 °C

Calibration Location. : Calibration Laboratory of FTS

Method Used : R-C-279

Calibration Results :

Reference Reading (m/s)	UUT Reading (m/s)	Error (m/s)
1.99	2.0	0.0
4.00	4.0	0.0
6.00	5.9	-0.1
8.00	7.5	-0.5
10.01	9.0	-1.0

Remark :

1. The equipment being used in this calibration is traceable to recognized National Standards.
2. The reported readings in this calibration are an average from 10 trials.

Checked by : William Date : 22-6-2021 Certified by : K. T. Leung Date : 22-6-2021

CA-R-297 (22/07/2009)

Leung Kwok Tai (Assistant Manager)

** End of Report **

Appendix E

Air Quality Monitoring Results

1-hr TSP Monitoring Results

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

Start Date	Start Time	Weather Condition	Filter Identification No.	Elapsed-Time Meter Reading		Sampling Time (min)	Temperature (K)	Atmospheric Pressure (mmHg)	Filter Paper Weight (g)			Flow Rate (m³/min)			Total Volume (m³)	Concentration (µg/m³)
				Start	Stop				Initial Weight	Final Weight	Particulate Weight	Initial	Final	Average		
15-Dec-21	14:10	Fine	M8689	5976.60	5977.61	61	294.5	762.1	2.7738	2.7843	0.011	1.11	1.11	1.11	67.04	156.6
	15:14	Fine	M8691	5977.61	5978.63	61	294.5	762.1	2.7811	2.7922	0.011	1.11	1.11	1.11	67.71	163.9
	16:19	Fine	M8690	5978.66	5979.69	62	294.5	762.1	2.7680	2.7782	0.010	1.07	1.07	1.07	65.96	154.6
16-Dec-21	11:15	Fine	M8692	5980.29	5981.29	60	296.2	761.9	2.7793	2.7900	0.011	1.18	1.18	1.18	70.74	151.3
	12:20	Fine	M8693	5981.29	5982.32	62	296.2	761.9	2.7814	2.7905	0.009	0.98	0.98	0.98	60.85	149.5
	13:25	Fine	M8694	5982.32	5983.32	60	296.2	761.9	2.8002	2.8088	0.009	0.91	0.91	0.91	54.42	158.0
17-Dec-21	09:00	Fine	M8654	5983.32	5984.32	60	294.7	764.2	2.6644	2.6711	0.007	1.07	1.07	1.07	64.14	104.5
	10:36	Fine	M8656	5984.32	5985.30	59	294.7	764.2	2.7095	2.7174	0.008	1.11	1.11	1.11	65.15	121.3
	11:39	Fine	M8655	5985.30	5986.30	60	294.7	764.2	2.6849	2.6900	0.005	0.99	0.99	0.99	59.46	85.8
18-Dec-21	09:25	Fine	M8695	5986.30	5987.30	60	291.1	767.2	2.7974	2.8045	0.007	1.00	1.00	1.00	60.22	117.9
	10:30	Fine	M8696	5987.30	5988.28	59	291.1	767.2	2.7963	2.8046	0.008	1.16	1.16	1.16	68.26	121.6
	11:35	Fine	M8697	5988.28	5989.25	58	291.1	767.2	2.7952	2.8041	0.009	1.00	1.00	1.00	58.41	152.4
19-Dec-21	09:24	Fine	M8698	5989.25	5990.23	59	290.9	766.4	2.7855	2.7945	0.009	1.00	1.04	1.02	60.16	149.6
	10:30	Fine	M8699	5990.23	5991.21	59	290.9	766.4	2.7888	2.7967	0.008	1.12	1.12	1.12	65.94	119.8
	11:35	Fine	M8700	5991.21	5992.19	59	290.9	766.4	2.8013	2.8103	0.009	1.08	1.08	1.08	63.63	141.5
20-Dec-21	09:20	Cloudy	M8591	5992.19	5993.17	59	290.2	763.3	2.7468	2.7549	0.008	1.12	1.12	1.12	65.85	123.0
	10:28	Cloudy	M8583	5993.17	5994.15	59	290.2	763.3	2.7361	2.7435	0.007	1.16	1.16	1.16	68.16	108.6
	11:33	Cloudy	M8590	5994.15	5995.14	59	290.2	763.3	2.7380	2.7480	0.010	1.00	1.00	1.00	59.52	168.0
21-Dec-21	13:25	Cloudy	M8701	5995.14	5996.12	59	290.3	760.2	2.8030	2.8125	0.010	1.00	1.04	1.02	59.87	158.7
	14:30	Cloudy	M8702	5996.12	5997.11	59	290.3	760.2	2.7750	2.7800	0.005	1.08	1.08	1.08	63.98	78.2
	15:35	Cloudy	M8704	5997.11	5998.14	62	290.3	760.2	2.7920	2.7968	0.005	1.08	1.12	1.10	67.77	70.8
22-Dec-21	11:15	Fine	M8705	5998.14	5999.13	59	292.3	762.4	2.7176	2.7237	0.006	1.15	1.15	1.15	68.43	89.1
	12:20	Fine	M8706	5999.13	6000.16	62	292.3	762.4	2.6947	2.6993	0.005	1.00	1.00	1.00	61.53	74.8
	13:25	Fine	M8707	6000.16	6001.15	59	292.3	762.4	2.7945	2.7997	0.005	1.07	1.07	1.07	63.79	81.5
23-Dec-21	09:45	Fine	M8708	6001.15	6002.13	59	292.9	762.7	2.7691	2.7766	0.008	0.99	1.03	1.01	59.61	125.8
	10:50	Fine	M8621	6002.13	6003.11	59	292.9	762.7	2.7023	2.7089	0.007	0.99	0.99	0.99	58.46	112.9
	11:55	Fine	M8709	6003.11	6004.09	59	292.9	762.7	2.7685	2.7744	0.006	1.19	1.19	1.19	69.95	84.3
24-Dec-21	10:00	Cloudy	M8587	6004.10	6005.10	60	292.9	763.0	2.7510	2.7605	0.010	1.31	1.31	1.31	78.44	121.1
	11:10	Cloudy	M8586	6005.10	6006.10	60	292.9	763.0	2.7713	2.7804	0.009	1.39	1.39	1.39	83.13	109.5
	12:19	Cloudy	M8622	6006.10	6007.10	60	292.9	763.0	2.6721	2.6837	0.012	1.31	1.35	1.33	79.61	145.7
25-Dec-21	13:45	Cloudy	M8683	6007.10	6008.10	60	292.6	766.0	2.7637	2.7808	0.017	1.12	1.08	1.10	65.78	259.9
	15:15	Cloudy	M8684	6008.10	6009.10	60	292.6	766.0	2.7600	2.7733	0.013	1.08	1.08	1.08	64.61	205.9
	16:50	Cloudy	M8685	6009.10	6010.09	59	292.6	766.0	2.7607	2.7783	0.018	1.19	1.19	1.19	70.95	248.1
26-Dec-21	14:31	Cloudy	M8686	6010.09	6011.10	61	288.0	769.2	2.7611	2.7755	0.014	1.13	1.13	1.13	68.66	209.7
	15:35	Cloudy	M8687	6011.10	6012.10	60	288.0	769.2	2.7769	2.7868	0.010	1.01	1.01	1.01	60.85	162.7
	16:40	Cloudy	M8688	6012.10	6013.10	60	288.0	769.2	2.7765	2.7921	0.016	1.01	1.01	1.01	60.85	256.4
27-Dec-21	07:53	Cloudy	M8713	6013.10	6014.08	59	285.0	770.4	2.7766	2.7852	0.009	1.18	1.18	1.18	69.56	123.6
	08:56	Cloudy	M8714	6014.08	6015.06	59	285.0	770.4	2.7647	2.7727	0.008	1.22	1.22	1.22	71.91	111.3
	10:00	Cloudy	M8715	6015.06	6016.05	59	285.0	770.4	2.7758	2.7839	0.008	1.22	1.22	1.22	72.64	111.5
28-Dec-21	14:00	Cloudy	M8710	6016.05	6017.05	60	288.3	768.4	2.7574	2.7650	0.008	1.25	1.25	1.25	74.99	101.3
	15:05	Cloudy	M8711	6017.05	6018.05	60	288.3	768.4	2.7715	2.7785	0.007	1.25	1.25	1.25	74.99	93.3
	16:10	Cloudy	M8712	6018.05	6019.05	60	288.3	768.4	2.7802	2.7912	0.011	1.01	1.01	1.01	60.75	181.1
															Min	70.8
															Max	259.9
															Average	137.3



Report No. : 181172EN212945



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Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 15/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8689, M8690, M8691

Date of receipt of sample : 16/12/2021

Date test completed : 17/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8689	2.7738	2.7843
M8690	2.7680	2.7782
M8691	2.7811	2.7922

Supervised by : K.F. Wong

Certified by : 
Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 20/12/2021

**** End of Report *****Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.*

Report No. : 181172EN212945(1)



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Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 16/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8692, M8693, M8694

Date of receipt of sample : 16/12/2021

Date test completed : 17/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8692	2.7793	2.7900
M8693	2.7814	2.7905
M8694	2.8002	2.8088

Supervised by : K.F. Wong

Certified by :

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date

: 20/12/2021

** End of Report **

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(2)



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Test Report on Analysis of Filters
Information Supplied by Client

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 17/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8654, M8655, M8656

Date of receipt of sample : 17/12/2021

Date test completed : 20/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8654	2.6644	2.6711
M8655	2.6849	2.6900
M8656	2.7095	2.7174

Supervised by : K.F. Wong

Certified by : 

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date

** End of Report **

20/12/2021

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(3)



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Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 18/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8695, M8696, M8697

Date of receipt of sample : 20/12/2021

Date test completed : 21/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8695	2.7974	2.8045
M8696	2.7963	2.8046
M8697	2.7952	2.8041

Supervised by : K.F. Wong

Certified by : Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 24/12/2021

** End of Report **

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(4)



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Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 19/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8698, M8699, M8700

Date of receipt of sample : 20/12/2021

Date test completed : 21/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8698	2.7855	2.7945
M8699	2.7888	2.7967
M8700	2.8013	2.8103

Supervised by : K.F. Wong

Certified by :

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date

: 21/12/2021

** End of Report **

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(5)



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Test Report on Analysis of Filters

Information Supplied by Client

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 20/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8583, M8590, M8591

Date of receipt of sample : 20/12/2021

Date test completed : 21/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8583	2.7361	2.7435
M8590	2.7380	2.7480
M8591	2.7468	2.7549

Supervised by : K.F. Wong

Certified by : 

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 24/12/2021
**** End of Report ****
Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(6)



Page 1 of 1

Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 21/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8701, M8702, M8704

Date of receipt of sample : 22/12/2021

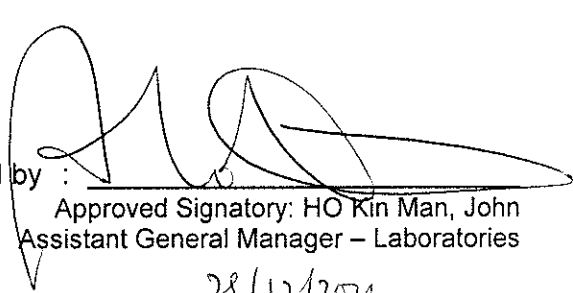
Date test completed : 24/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8701	2.8030	2.8125
M8702	2.7750	2.7800
M8704	2.7920	2.7968

Supervised by : K.F. Wong

Certified by : 
Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 28/12/2021

** End of Report **

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(7)



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Test Report on Analysis of Filters
Information Supplied by Client

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 22/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8705, M8706, M8707

Date of receipt of sample : 22/12/2021

Date test completed : 24/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8705	2.7176	2.7237
M8706	2.6947	2.6993
M8707	2.7945	2.7997

Supervised by : K.F. Wong

Certified by : 

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 28/12/2021
**** End of Report ****
Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(8)



Page 1 of 1

Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 23/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8621, M8708, M8709

Date of receipt of sample : 23/12/2021

Date test completed : 24/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8621	2.7023	2.7089
M8708	2.7691	2.7766
M8709	2.7685	2.7744

Supervised by : K.F. Wong

Certified by : Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date

** End of Report **

28/12/2021

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(9)A 

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Test Report on Analysis of Filters

Information Supplied by Client

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 24/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8586, M8587, M8622

Date of receipt of sample : 24/12/2021

Date test completed : 29/12/2021

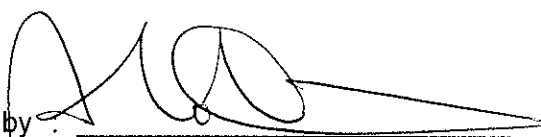
Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8586	2.7713	2.7804
M8587	2.7510	2.7605
M8622	2.6721	2.6837

Remark : 1. This report is to supersede our former report #181172EN212945(9).
2. Amendment detail : Amend Final Weight Result.

Supervised by : K.F. Wong

Certified by : 

Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 31/1/2022
**** End of Report ****

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(10) 

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Test Report on Analysis of Filters
Information Supplied by Client

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 25/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8683, M8684, M8685

Date of receipt of sample : 28/12/2021

Date test completed : 29/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8683	2.7637	2.7808
M8684	2.7600	2.7733
M8685	2.7607	2.7783

Supervised by : K.F. Wong

Certified by : 
Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 28/12/2021
**** End of Report ****
Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(11)



Page 1 of 1

Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 26/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8686, M8687, M8688

Date of receipt of sample : 28/12/2021

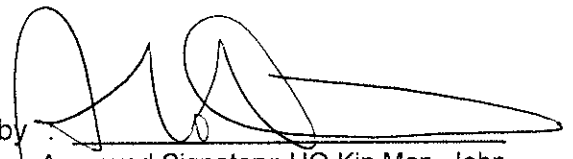
Date test completed : 29/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8686	2.7611	2.7755
M8687	2.7769	2.7868
M8688	2.7765	2.7921

Supervised by : K.F. Wong

Certified by : Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date

** End of Report **

Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.

Report No. : 181172EN212945(12)



Page 1 of 1

Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 27/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8713, M8714, M8715

Date of receipt of sample : 28/12/2021

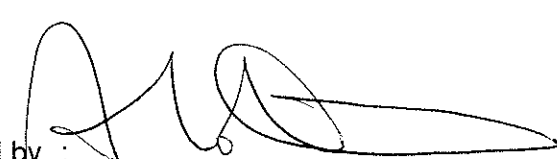
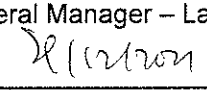
Date test completed : 29/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8713	2.7766	2.7852
M8714	2.7647	2.7727
M8715	2.7758	2.7839

Supervised by : K.F. Wong

Certified by : Approved Signatory: HO Kin Man, John
Assistant General Manager – LaboratoriesDate : **** End of Report *****Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.*

Report No. : 181172EN212945(13)



Page 1 of 1

Test Report on Analysis of Filters**Information Supplied by Client**

Client : Fugro Technical Services Ltd.

Client's address : 13/F, Fugro House – KCC2, No.1 Kwai On Road, Kwai Chung, N.T., H.K.

Project : Provision of ET Services for Sai O Trunk Sewer Sewage Pumping Station

Sample description : 3 samples of TSP filter paper

Sample identification : -

Sampling date : 28/12/2021

Test required : Provision of conditioned & tared filter paper and subsequent reconditioning and reweighing of returned filter paper for TSP monitoring

Laboratory Information

Filter paper I.D. : M8710, M8711, M8712

Date of receipt of sample : 28/12/2021

Date test completed : 29/12/2021

Test method used : USEPA Method 40 CFR Part 50 Appendix B.

Results :

Filter paper I.D.	Initial wt. of filter, g	Final wt. of filter, g
M8710	2.7574	2.7650
M8711	2.7715	2.7785
M8712	2.7802	2.7912

Supervised by : K.F. Wong

Certified by : Approved Signatory: HO Kin Man, John
Assistant General Manager – Laboratories

Date : 31/12/2021

**** End of Report *****Note : This report refers only to the sample(s) tested and the result(s) applied to the sample(s) as received.*

Appendix F

Wind Data

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
15 Dec 2021 13:00	2.2	E	16 Dec 2021 00:00	1.2	NEE
15 Dec 2021 14:00	1.6	E	16 Dec 2021 01:00	0.7	NE
15 Dec 2021 15:00	1.9	SEE	16 Dec 2021 02:00	0.7	NE
15 Dec 2021 16:00	2.1	SE	16 Dec 2021 03:00	0.7	NE
15 Dec 2021 17:00	2.1	SEE	16 Dec 2021 04:00	0.7	NE
15 Dec 2021 18:00	1.6	E	16 Dec 2021 05:00	1.9	NEE
15 Dec 2021 19:00	0.7	E	16 Dec 2021 06:00	1.3	NE
15 Dec 2021 20:00	0.9	E	16 Dec 2021 07:00	2.8	NNE
15 Dec 2021 21:00	0.7	E	16 Dec 2021 08:00	3.3	NE
15 Dec 2021 22:00	0.7	NEE	16 Dec 2021 09:00	3.4	NE
15 Dec 2021 23:00	0.7	NEE	16 Dec 2021 10:00	2.6	NE
			16 Dec 2021 11:00	2.8	NE
			16 Dec 2021 12:00	2.9	NE
			16 Dec 2021 13:00	2.6	NE
			16 Dec 2021 14:00	3.3	NE
			16 Dec 2021 15:00	2.7	NE
			16 Dec 2021 16:00	2.6	NE
			16 Dec 2021 17:00	3.3	NE
			16 Dec 2021 18:00	2.8	NE
			16 Dec 2021 19:00	2.9	NE
			16 Dec 2021 20:00	2.8	NE
			16 Dec 2021 21:00	4.0	NE
			16 Dec 2021 22:00	3.6	NEE
			16 Dec 2021 23:00	4.2	NEE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
17 Dec 2021 00:00	3.9	NE	18 Dec 2021 00:00	3.3	NE
17 Dec 2021 01:00	3.3	NE	18 Dec 2021 01:00	3.6	NE
17 Dec 2021 02:00	3.5	NE	18 Dec 2021 02:00	3.6	NE
17 Dec 2021 03:00	2.6	NE	18 Dec 2021 03:00	2.6	NE
17 Dec 2021 04:00	3.2	NE	18 Dec 2021 04:00	2.6	NE
17 Dec 2021 05:00	2.1	NE	18 Dec 2021 05:00	4.4	NE
17 Dec 2021 06:00	2.6	NE	18 Dec 2021 06:00	3.3	NE
17 Dec 2021 07:00	2.6	NE	18 Dec 2021 07:00	4.0	NE
17 Dec 2021 08:00	2.6	NE	18 Dec 2021 08:00	3.6	NE
17 Dec 2021 09:00	2.6	NE	18 Dec 2021 09:00	3.8	NE
17 Dec 2021 10:00	2.6	NE	18 Dec 2021 10:00	2.6	NE
17 Dec 2021 11:00	3.6	NE	18 Dec 2021 11:00	2.1	NE
17 Dec 2021 12:00	2.6	NE	18 Dec 2021 12:00	2.6	NE
17 Dec 2021 13:00	3.3	NE	18 Dec 2021 13:00	2.6	NE
17 Dec 2021 14:00	3.8	NE	18 Dec 2021 14:00	1.4	NE
17 Dec 2021 15:00	2.6	NE	18 Dec 2021 15:00	1.4	NNE
17 Dec 2021 16:00	2.6	NE	18 Dec 2021 16:00	1.4	NNE
17 Dec 2021 17:00	3.3	NE	18 Dec 2021 17:00	1.4	NE
17 Dec 2021 18:00	2.1	NE	18 Dec 2021 18:00	1.3	NE
17 Dec 2021 19:00	2.1	NE	18 Dec 2021 19:00	1.4	NE
17 Dec 2021 20:00	2.1	NE	18 Dec 2021 20:00	0.8	NE
17 Dec 2021 21:00	3.4	NEE	18 Dec 2021 21:00	1.4	NEE
17 Dec 2021 22:00	2.6	NEE	18 Dec 2021 22:00	0.8	NEE
17 Dec 2021 23:00	2.6	NEE	18 Dec 2021 23:00	0.2	E

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
19 Dec 2021 00:00	1.6	NE	20 Dec 2021 00:00	3.2	NNE
19 Dec 2021 01:00	2.1	NE	20 Dec 2021 01:00	3.9	NNE
19 Dec 2021 02:00	0.7	E	20 Dec 2021 02:00	3.9	NNE
19 Dec 2021 03:00	1.3	NNE	20 Dec 2021 03:00	3.5	NNE
19 Dec 2021 04:00	2.5	E	20 Dec 2021 04:00	3.2	NE
19 Dec 2021 05:00	1.3	E	20 Dec 2021 05:00	2.5	NE
19 Dec 2021 06:00	2.5	E	20 Dec 2021 06:00	2.8	NE
19 Dec 2021 07:00	3.7	E	20 Dec 2021 07:00	3.7	NNE
19 Dec 2021 08:00	4.7	NE	20 Dec 2021 08:00	2.8	NE
19 Dec 2021 09:00	3.9	NE	20 Dec 2021 09:00	2.8	NE
19 Dec 2021 10:00	4.4	NE	20 Dec 2021 10:00	3.2	NNE
19 Dec 2021 11:00	2.5	NNE	20 Dec 2021 11:00	2.5	NNE
19 Dec 2021 12:00	3.2	NNE	20 Dec 2021 12:00	3.2	NNE
19 Dec 2021 13:00	2.5	NE	20 Dec 2021 13:00	2.2	N
19 Dec 2021 14:00	3.2	NE	20 Dec 2021 14:00	3.7	N
19 Dec 2021 15:00	3.2	NE	20 Dec 2021 15:00	3.7	N
19 Dec 2021 16:00	2.5	NE	20 Dec 2021 16:00	1.9	N
19 Dec 2021 17:00	2.4	NE	20 Dec 2021 17:00	1.9	N
19 Dec 2021 18:00	3.2	NE	20 Dec 2021 18:00	3.2	N
19 Dec 2021 19:00	3.5	NE	20 Dec 2021 19:00	2.5	N
19 Dec 2021 20:00	3.2	NNE	20 Dec 2021 20:00	3.7	N
19 Dec 2021 21:00	3.7	NNE	20 Dec 2021 21:00	2.2	NNE
19 Dec 2021 22:00	3.7	NNE	20 Dec 2021 22:00	0.9	NNE
19 Dec 2021 23:00	2.8	NE	20 Dec 2021 23:00	0.9	NE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
21 Dec 2021 00:00	1.6	E	22 Dec 2021 00:00	0.5	SE
21 Dec 2021 01:00	1.6	E	22 Dec 2021 01:00	0.5	E
21 Dec 2021 02:00	1.6	NE	22 Dec 2021 02:00	0.5	E
21 Dec 2021 03:00	1.5	NNE	22 Dec 2021 03:00	0.5	NEE
21 Dec 2021 04:00	2.2	NNE	22 Dec 2021 04:00	0.5	E
21 Dec 2021 05:00	2.1	NE	22 Dec 2021 05:00	1.3	NNE
21 Dec 2021 06:00	1.6	NE	22 Dec 2021 06:00	1.9	NE
21 Dec 2021 07:00	0.7	NEE	22 Dec 2021 07:00	1.9	NE
21 Dec 2021 08:00	2.1	NE	22 Dec 2021 08:00	0.9	NE
21 Dec 2021 09:00	1.3	NE	22 Dec 2021 09:00	1.9	E
21 Dec 2021 10:00	2.5	NE	22 Dec 2021 10:00	1.9	SEE
21 Dec 2021 11:00	3.6	NE	22 Dec 2021 11:00	2.5	NEE
21 Dec 2021 12:00	2.5	NEE	22 Dec 2021 12:00	1.9	NEE
21 Dec 2021 13:00	2.7	E	22 Dec 2021 13:00	1.3	NE
21 Dec 2021 14:00	2.5	NEE	22 Dec 2021 14:00	1.9	NE
21 Dec 2021 15:00	2.1	NE	22 Dec 2021 15:00	0.5	E
21 Dec 2021 16:00	1.6	NE	22 Dec 2021 16:00	1.6	SEE
21 Dec 2021 17:00	1.3	NE	22 Dec 2021 17:00	1.3	E
21 Dec 2021 18:00	0.7	NE	22 Dec 2021 18:00	0.1	NE
21 Dec 2021 19:00	0.9	SEE	22 Dec 2021 19:00	1.3	NEE
21 Dec 2021 20:00	1.3	SEE	22 Dec 2021 20:00	0.5	NE
21 Dec 2021 21:00	1.3	SEE	22 Dec 2021 21:00	0.4	NE
21 Dec 2021 22:00	0.7	E	22 Dec 2021 22:00	1.6	E
21 Dec 2021 23:00	0.5	E	22 Dec 2021 23:00	1.2	SEE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
23 Dec 2021 00:00	0.4	SEE	24 Dec 2021 00:00	0.4	NEE
23 Dec 2021 01:00	1.3	NEE	24 Dec 2021 01:00	0.4	NNE
23 Dec 2021 02:00	1.2	NE	24 Dec 2021 02:00	0.9	NEE
23 Dec 2021 03:00	0.9	NEE	24 Dec 2021 03:00	2.4	NE
23 Dec 2021 04:00	0.9	E	24 Dec 2021 04:00	1.6	NE
23 Dec 2021 05:00	0.9	E	24 Dec 2021 05:00	1.9	NNE
23 Dec 2021 06:00	0.9	E	24 Dec 2021 06:00	0.9	NE
23 Dec 2021 07:00	0.9	NEE	24 Dec 2021 07:00	1.6	NNE
23 Dec 2021 08:00	0.4	NE	24 Dec 2021 08:00	1.9	N
23 Dec 2021 09:00	1.3	NE	24 Dec 2021 09:00	1.6	N
23 Dec 2021 10:00	0.2	SE	24 Dec 2021 10:00	1.7	NEE
23 Dec 2021 11:00	1.6	E	24 Dec 2021 11:00	3.2	NE
23 Dec 2021 12:00	1.6	E	24 Dec 2021 12:00	2.8	NE
23 Dec 2021 13:00	1.2	E	24 Dec 2021 13:00	3.2	NE
23 Dec 2021 14:00	2.1	E	24 Dec 2021 14:00	2.8	NE
23 Dec 2021 15:00	1.6	E	24 Dec 2021 15:00	2.5	NEE
23 Dec 2021 16:00	0.5	E	24 Dec 2021 16:00	2.5	NEE
23 Dec 2021 17:00	1.5	E	24 Dec 2021 17:00	3.2	NE
23 Dec 2021 18:00	0.4	SEE	24 Dec 2021 18:00	2.5	NE
23 Dec 2021 19:00	1.3	NEE	24 Dec 2021 19:00	3.6	NE
23 Dec 2021 20:00	0.4	E	24 Dec 2021 20:00	3.2	NE
23 Dec 2021 21:00	1.3	NEE	24 Dec 2021 21:00	3.2	NE
23 Dec 2021 22:00	0.5	NE	24 Dec 2021 22:00	3.2	NNE
23 Dec 2021 23:00	0.4	NE	24 Dec 2021 23:00	3.2	NE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
25 Dec 2021 00:00	3.2	NE	26 Dec 2021 00:00	3.9	NEE
25 Dec 2021 01:00	3.2	NE	26 Dec 2021 01:00	3.2	NEE
25 Dec 2021 02:00	2.5	NNE	26 Dec 2021 02:00	3.9	NE
25 Dec 2021 03:00	3.9	NE	26 Dec 2021 03:00	2.9	NNE
25 Dec 2021 04:00	3.6	NE	26 Dec 2021 04:00	2.5	N
25 Dec 2021 05:00	3.6	NE	26 Dec 2021 05:00	1.9	N
25 Dec 2021 06:00	4.3	NE	26 Dec 2021 06:00	2.4	NNE
25 Dec 2021 07:00	2.5	NE	26 Dec 2021 07:00	3.2	NNE
25 Dec 2021 08:00	2.6	NE	26 Dec 2021 08:00	2.5	N
25 Dec 2021 09:00	2.6	NE	26 Dec 2021 09:00	2.4	N
25 Dec 2021 10:00	2.9	NE	26 Dec 2021 10:00	3.7	N
25 Dec 2021 11:00	2.6	NE	26 Dec 2021 11:00	2.7	N
25 Dec 2021 12:00	2.5	NNE	26 Dec 2021 12:00	3.7	NE
25 Dec 2021 13:00	1.8	NE	26 Dec 2021 13:00	2.5	NNE
25 Dec 2021 14:00	1.6	N	26 Dec 2021 14:00	2.5	N
25 Dec 2021 15:00	1.9	N	26 Dec 2021 15:00	1.9	N
25 Dec 2021 16:00	1.9	N	26 Dec 2021 16:00	1.9	N
25 Dec 2021 17:00	1.6	N	26 Dec 2021 17:00	1.9	N
25 Dec 2021 18:00	1.3	N	26 Dec 2021 18:00	2.1	N
25 Dec 2021 19:00	1.1	N	26 Dec 2021 19:00	2.4	N
25 Dec 2021 20:00	2.8	NE	26 Dec 2021 20:00	2.4	N
25 Dec 2021 21:00	4.0	NEE	26 Dec 2021 21:00	2.8	NE
25 Dec 2021 22:00	2.6	NEE	26 Dec 2021 22:00	1.3	NNE
25 Dec 2021 23:00	3.3	NE	26 Dec 2021 23:00	0.9	N

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
27 Dec 2021 00:00	1.6	N	28 Dec 2021 00:00	0.5	NE
27 Dec 2021 01:00	1.6	NNE	28 Dec 2021 01:00	0.4	E
27 Dec 2021 02:00	2.5	NNE	28 Dec 2021 02:00	1.2	SEE
27 Dec 2021 03:00	2.5	NNE	28 Dec 2021 03:00	0.5	E
27 Dec 2021 04:00	1.6	N	28 Dec 2021 04:00	0.9	NEE
27 Dec 2021 05:00	1.6	NE	28 Dec 2021 05:00	1.9	NEE
27 Dec 2021 06:00	1.7	NNE	28 Dec 2021 06:00	1.6	NE
27 Dec 2021 07:00	0.5	N	28 Dec 2021 07:00	1.6	NE
27 Dec 2021 08:00	0.8	N	28 Dec 2021 08:00	1.3	NEE
27 Dec 2021 09:00	2.5	NEE	28 Dec 2021 09:00	1.9	NEE
27 Dec 2021 10:00	2.1	NE	28 Dec 2021 10:00	0.8	E
27 Dec 2021 11:00	2.4	NE	28 Dec 2021 11:00	1.9	E
27 Dec 2021 12:00	2.8	NE	28 Dec 2021 12:00	2.4	NEE
27 Dec 2021 13:00	2.5	NE	28 Dec 2021 13:00	2.8	NE
27 Dec 2021 14:00	2.1	NNE	28 Dec 2021 14:00	2.5	NNE
27 Dec 2021 15:00	1.9	NEE	28 Dec 2021 15:00	3.2	NNE
27 Dec 2021 16:00	2.5	E	28 Dec 2021 16:00	2.1	NNE
27 Dec 2021 17:00	1.3	NEE	28 Dec 2021 17:00	2.5	NNE
27 Dec 2021 18:00	1.2	NE	28 Dec 2021 18:00	1.9	N
27 Dec 2021 19:00	1.2	NNE	28 Dec 2021 19:00	2.2	N
27 Dec 2021 20:00	0.7	NE	28 Dec 2021 20:00	1.2	NE
27 Dec 2021 21:00	1.6	E	28 Dec 2021 21:00	0.8	NE
27 Dec 2021 22:00	1.6	E	28 Dec 2021 22:00	0.9	NE
27 Dec 2021 23:00	1.2	NE	28 Dec 2021 23:00	1.6	NEE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
29 Dec 2021 00:00	0.8	NE	30 Dec 2021 00:00	0.5	NNE
29 Dec 2021 01:00	1.9	NEE	30 Dec 2021 01:00	0.5	NNE
29 Dec 2021 02:00	1.3	NE	30 Dec 2021 02:00	0.5	NE
29 Dec 2021 03:00	1.6	NE	30 Dec 2021 03:00	0.5	NE
29 Dec 2021 04:00	1.9	NE	30 Dec 2021 04:00	0.8	NNE
29 Dec 2021 05:00	2.5	NNE	30 Dec 2021 05:00	1.3	NE
29 Dec 2021 06:00	2.5	NE	30 Dec 2021 06:00	1.9	NE
29 Dec 2021 07:00	2.8	N	30 Dec 2021 07:00	2.5	NE
29 Dec 2021 08:00	2.1	N	30 Dec 2021 08:00	2.1	NNE
29 Dec 2021 09:00	2.5	NE	30 Dec 2021 09:00	1.9	NNE
29 Dec 2021 10:00	2.4	NE	30 Dec 2021 10:00	2.5	NE
29 Dec 2021 11:00	2.4	NEE	30 Dec 2021 11:00	2.5	NNE
29 Dec 2021 12:00	2.5	NE	30 Dec 2021 12:00	2.7	NE
29 Dec 2021 13:00	3.2	NE	30 Dec 2021 13:00	1.9	N
29 Dec 2021 14:00	2.7	NE	30 Dec 2021 14:00	1.9	NNE
29 Dec 2021 15:00	2.8	NE	30 Dec 2021 15:00	2.5	NEE
29 Dec 2021 16:00	1.6	NE	30 Dec 2021 16:00	2.4	NEE
29 Dec 2021 17:00	1.9	E	30 Dec 2021 17:00	3.6	E
29 Dec 2021 18:00	1.2	SEE	30 Dec 2021 18:00	2.7	E
29 Dec 2021 19:00	0.5	SE	30 Dec 2021 19:00	2.2	E
29 Dec 2021 20:00	0.5	SE	30 Dec 2021 20:00	1.9	NEE
29 Dec 2021 21:00	0.7	N	30 Dec 2021 21:00	0.4	NNE
29 Dec 2021 22:00	0.5	N	30 Dec 2021 22:00	0.5	NNE
29 Dec 2021 23:00	0.5	NE	30 Dec 2021 23:00	1.2	NE

Appendix F Wind Data

Date & Time	Wind Speed (m/s)	Wind Direction	Date & Time	Wind Speed (m/s)	Wind Direction
31 Dec 2021 00:00	0.5	NE	1 Jan 2022 00:00	1.6	E
31 Dec 2021 01:00	0.8	NNE	1 Jan 2022 01:00	1.9	E
31 Dec 2021 02:00	0.9	NNE	1 Jan 2022 02:00	2.5	E
31 Dec 2021 03:00	0.5	NNE	1 Jan 2022 03:00	1.9	NEE
31 Dec 2021 04:00	1.9	NE	1 Jan 2022 04:00	2.2	NEE
31 Dec 2021 05:00	1.3	NE	1 Jan 2022 05:00	2.2	NEE
31 Dec 2021 06:00	1.9	NE	1 Jan 2022 06:00	1.3	NE
31 Dec 2021 07:00	2.5	NE	1 Jan 2022 07:00	0.7	NE
31 Dec 2021 08:00	2.8	NE	1 Jan 2022 08:00	1.2	NE
31 Dec 2021 09:00	2.2	NE	1 Jan 2022 09:00	2.7	NE
31 Dec 2021 10:00	2.8	NE			
31 Dec 2021 11:00	2.7	NE			
31 Dec 2021 12:00	2.5	NNE			
31 Dec 2021 13:00	1.9	NNE			
31 Dec 2021 14:00	2.1	NNE			
31 Dec 2021 15:00	2.7	NNE			
31 Dec 2021 16:00	2.5	NNE			
31 Dec 2021 17:00	3.7	NE			
31 Dec 2021 18:00	3.5	NE			
31 Dec 2021 19:00	1.9	E			
31 Dec 2021 20:00	1.9	E			
31 Dec 2021 21:00	0.4	NEE			
31 Dec 2021 22:00	0.4	NEE			
31 Dec 2021 23:00	1.3	E			

Appendix G

Event and Action Plan for Air Quality

Event and Action Plan for Air Quality (Construction Dust)

EVENT	ACTION			
	ET	IEC	ER	Contractor
Action level being exceeded by one sampling	1. Identify source, investigate the causes of complaint and propose remedial measures; 2. Inform Contractor, IEC and ER; 3. Repeat measurement to confirm finding; and 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; and 3. Review and advise the ET and ER on the effectiveness of the proposed remedial measures.	1. Notify Contractor.	1. Identify source(s), investigate the causes of exceedance and propose remedial measures; 2. Implement remedial measures; and 3. Amend working methods agreed with the ER as appropriate.
Action level being exceeded by two or more consecutive sampling	1. Identify source; 2. Inform Contractor, IEC and ER; 3. Advise the Contractor and ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with Contractor, IEC and ER; and 8. 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.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Identify source and investigate the causes of exceedance; 2. Submit proposals for remedial measures to the ER with a copy to ET and IEC within three working days of notification; 3. Implement the agreed proposals; and 4. Amend proposal as appropriate.
Limit level being exceeded by one sampling	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform Contractor, IEC, ER, and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; and 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; and 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	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 ER with a copy to ET and IEC within three working days of notification; 4. Implement the agreed proposals; and 5. Amend proposal if appropriate.
Limit level being exceeded by two or more consecutive sampling	1. Notify IEC, ER, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; and 8. 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.

Appendix H

Weather Condition

Appendix H Weather Condition

Station: Hong Kong Observatory

Date	Mean Pressure (hPa)	Air Temperature			Mean Relative Humidity (%)
		Maximum (°C)	Mean (°C)	Minimum (°C)	
1 Dec 2021	1021.5	20.1	17.3	14.8	40
2 Dec 2021	1021.8	20.4	17.4	14.6	42
3 Dec 2021	1021.5	21.3	18.0	14.7	35
4 Dec 2021	1022.2	20.6	18.1	15.3	46
5 Dec 2021	1021.2	22.2	19.1	16.7	55
6 Dec 2021	1020.3	22.2	19.2	16.4	59
7 Dec 2021	1020.9	22.5	19.9	17.1	65
8 Dec 2021	1022.3	22.2	20.1	18.4	67
9 Dec 2021	1022.3	22.9	20.2	18.7	72
10 Dec 2021	1020.7	23.7	20.9	18.6	73
11 Dec 2021	1020.8	24.4	21.4	20.0	74
12 Dec 2021	1021.0	24.7	21.5	19.2	75
13 Dec 2021	1021.6	21.5	19.4	17.4	67
14 Dec 2021	1018.6	23.6	20.5	18.7	72
15 Dec 2021	1016.1	23.0	21.5	19.9	78
16 Dec 2021	1015.8	25.8	23.2	21.7	81
17 Dec 2021	1018.9	23.8	21.7	18.9	69
18 Dec 2021	1022.8	20.0	18.1	16.3	58
19 Dec 2021	1021.8	19.7	17.9	16.0	51
20 Dec 2021	1017.6	19.3	17.2	15.7	78
21 Dec 2021	1013.5	19.0	17.3	16.0	88
22 Dec 2021	1016.5	21.7	19.3	17.1	80
23 Dec 2021	1016.8	21.9	19.9	18.7	77
24 Dec 2021	1017.2	21.8	19.9	18.2	84
25 Dec 2021	1021.2	21.5	19.6	17.9	75
26 Dec 2021	1025.5	18.5	15.0	11.7	78
27 Dec 2021	1027.1	14.6	12.0	9.9	81
28 Dec 2021	1024.4	17.5	15.3	12.2	74
29 Dec 2021	1023.2	20.6	18.4	16.6	74
30 Dec 2021	1024.6	21.4	18.1	16.2	77
31 Dec 2021	1025.2	19.9	17.9	17.1	77
1 Jan 2022	1024.6	19.3	18.5	16.4	75

Remark: The corresponding weather station at Sha Tin were unavailable at the time of preparation of this report.

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
15 Dec 2021 13:00	0	16 Dec 2021 00:00	0
15 Dec 2021 14:00	0	16 Dec 2021 01:00	0
15 Dec 2021 15:00	0	16 Dec 2021 02:00	0
15 Dec 2021 16:00	0	16 Dec 2021 03:00	0
15 Dec 2021 17:00	0	16 Dec 2021 04:00	0
15 Dec 2021 18:00	0	16 Dec 2021 05:00	0
15 Dec 2021 19:00	0	16 Dec 2021 06:00	0
15 Dec 2021 20:00	0	16 Dec 2021 07:00	0 to 1 mm
15 Dec 2021 21:00	0	16 Dec 2021 08:00	0
15 Dec 2021 22:00	0	16 Dec 2021 09:00	0
15 Dec 2021 23:00	0	16 Dec 2021 10:00	0
		16 Dec 2021 11:00	0
		16 Dec 2021 12:00	0
		16 Dec 2021 13:00	0
		16 Dec 2021 14:00	0
		16 Dec 2021 15:00	0
		16 Dec 2021 16:00	0
		16 Dec 2021 17:00	0
		16 Dec 2021 18:00	0
		16 Dec 2021 19:00	0
		16 Dec 2021 20:00	0
		16 Dec 2021 21:00	0
		16 Dec 2021 22:00	0
		16 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
17 Dec 2021 00:00	0	18 Dec 2021 00:00	0
17 Dec 2021 01:00	0	18 Dec 2021 01:00	0
17 Dec 2021 02:00	0	18 Dec 2021 02:00	0
17 Dec 2021 03:00	0	18 Dec 2021 03:00	0
17 Dec 2021 04:00	0	18 Dec 2021 04:00	0
17 Dec 2021 05:00	0	18 Dec 2021 05:00	0
17 Dec 2021 06:00	0	18 Dec 2021 06:00	0
17 Dec 2021 07:00	0	18 Dec 2021 07:00	0
17 Dec 2021 08:00	0	18 Dec 2021 08:00	0
17 Dec 2021 09:00	0	18 Dec 2021 09:00	0
17 Dec 2021 10:00	0	18 Dec 2021 10:00	0
17 Dec 2021 11:00	0	18 Dec 2021 11:00	0
17 Dec 2021 12:00	0	18 Dec 2021 12:00	0
17 Dec 2021 13:00	0	18 Dec 2021 13:00	0
17 Dec 2021 14:00	0	18 Dec 2021 14:00	0
17 Dec 2021 15:00	0	18 Dec 2021 15:00	0
17 Dec 2021 16:00	0	18 Dec 2021 16:00	0
17 Dec 2021 17:00	0	18 Dec 2021 17:00	0
17 Dec 2021 18:00	0	18 Dec 2021 18:00	0
17 Dec 2021 19:00	0	18 Dec 2021 19:00	0
17 Dec 2021 20:00	0	18 Dec 2021 20:00	0
17 Dec 2021 21:00	0	18 Dec 2021 21:00	0
17 Dec 2021 22:00	0	18 Dec 2021 22:00	0
17 Dec 2021 23:00	0	18 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
19 Dec 2021 00:00	0	20 Dec 2021 00:00	0
19 Dec 2021 01:00	0	20 Dec 2021 01:00	0
19 Dec 2021 02:00	0	20 Dec 2021 02:00	0
19 Dec 2021 03:00	0	20 Dec 2021 03:00	0
19 Dec 2021 04:00	0	20 Dec 2021 04:00	0
19 Dec 2021 05:00	0	20 Dec 2021 05:00	0
19 Dec 2021 06:00	0	20 Dec 2021 06:00	0
19 Dec 2021 07:00	0	20 Dec 2021 07:00	0
19 Dec 2021 08:00	0	20 Dec 2021 08:00	0
19 Dec 2021 09:00	0	20 Dec 2021 09:00	0
19 Dec 2021 10:00	0	20 Dec 2021 10:00	0
19 Dec 2021 11:00	0	20 Dec 2021 11:00	0 to 1 mm
19 Dec 2021 12:00	0	20 Dec 2021 12:00	0 to 1 mm
19 Dec 2021 13:00	0	20 Dec 2021 13:00	0
19 Dec 2021 14:00	0	20 Dec 2021 14:00	0
19 Dec 2021 15:00	0	20 Dec 2021 15:00	0
19 Dec 2021 16:00	0	20 Dec 2021 16:00	0
19 Dec 2021 17:00	0	20 Dec 2021 17:00	0
19 Dec 2021 18:00	0	20 Dec 2021 18:00	0 to 1 mm
19 Dec 2021 19:00	0	20 Dec 2021 19:00	0 to 4 mm
19 Dec 2021 20:00	0	20 Dec 2021 20:00	0 to 2 mm
19 Dec 2021 21:00	0	20 Dec 2021 21:00	0 to 1 mm
19 Dec 2021 22:00	0	20 Dec 2021 22:00	0 to 1 mm
19 Dec 2021 23:00	0	20 Dec 2021 23:00	0 to 1 mm

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
21 Dec 2021 00:00	0 to 1 mm	22 Dec 2021 00:00	0
21 Dec 2021 01:00	0 to 1 mm	22 Dec 2021 01:00	0
21 Dec 2021 02:00	0 to 1 mm	22 Dec 2021 02:00	0
21 Dec 2021 03:00	0 to 1 mm	22 Dec 2021 03:00	0
21 Dec 2021 04:00	0 to 1 mm	22 Dec 2021 04:00	0
21 Dec 2021 05:00	0 to 1 mm	22 Dec 2021 05:00	0
21 Dec 2021 06:00	0 to 1 mm	22 Dec 2021 06:00	0
21 Dec 2021 07:00	0	22 Dec 2021 07:00	0
21 Dec 2021 08:00	0	22 Dec 2021 08:00	0
21 Dec 2021 09:00	0 to 1 mm	22 Dec 2021 09:00	0
21 Dec 2021 10:00	0 to 1 mm	22 Dec 2021 10:00	0
21 Dec 2021 11:00	0 to 1 mm	22 Dec 2021 11:00	0
21 Dec 2021 12:00	0	22 Dec 2021 12:00	0
21 Dec 2021 13:00	0	22 Dec 2021 13:00	0
21 Dec 2021 14:00	0	22 Dec 2021 14:00	0
21 Dec 2021 15:00	0	22 Dec 2021 15:00	0
21 Dec 2021 16:00	0	22 Dec 2021 16:00	0
21 Dec 2021 17:00	0	22 Dec 2021 17:00	0
21 Dec 2021 18:00	0	22 Dec 2021 18:00	0
21 Dec 2021 19:00	0	22 Dec 2021 19:00	0
21 Dec 2021 20:00	0	22 Dec 2021 20:00	0
21 Dec 2021 21:00	0	22 Dec 2021 21:00	0
21 Dec 2021 22:00	0	22 Dec 2021 22:00	0
21 Dec 2021 23:00	0	22 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
23 Dec 2021 00:00	0	24 Dec 2021 00:00	2 mm
23 Dec 2021 01:00	0	24 Dec 2021 01:00	0
23 Dec 2021 02:00	0 to 1 mm	24 Dec 2021 02:00	0
23 Dec 2021 03:00	0	24 Dec 2021 03:00	0
23 Dec 2021 04:00	0	24 Dec 2021 04:00	0
23 Dec 2021 05:00	0	24 Dec 2021 05:00	0
23 Dec 2021 06:00	0	24 Dec 2021 06:00	0
23 Dec 2021 07:00	0	24 Dec 2021 07:00	0
23 Dec 2021 08:00	0	24 Dec 2021 08:00	0
23 Dec 2021 09:00	0	24 Dec 2021 09:00	0
23 Dec 2021 10:00	0	24 Dec 2021 10:00	0
23 Dec 2021 11:00	0	24 Dec 2021 11:00	0
23 Dec 2021 12:00	0	24 Dec 2021 12:00	0
23 Dec 2021 13:00	0	24 Dec 2021 13:00	0
23 Dec 2021 14:00	0	24 Dec 2021 14:00	0
23 Dec 2021 15:00	0	24 Dec 2021 15:00	0
23 Dec 2021 16:00	0	24 Dec 2021 16:00	0
23 Dec 2021 17:00	0	24 Dec 2021 17:00	0
23 Dec 2021 18:00	0	24 Dec 2021 18:00	0
23 Dec 2021 19:00	0	24 Dec 2021 19:00	0
23 Dec 2021 20:00	0	24 Dec 2021 20:00	0
23 Dec 2021 21:00	0	24 Dec 2021 21:00	0
23 Dec 2021 22:00	0	24 Dec 2021 22:00	0
23 Dec 2021 23:00	0 to 1 mm	24 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
25 Dec 2021 00:00	0	26 Dec 2021 00:00	0
25 Dec 2021 01:00	0	26 Dec 2021 01:00	0
25 Dec 2021 02:00	0	26 Dec 2021 02:00	0
25 Dec 2021 03:00	0	26 Dec 2021 03:00	0
25 Dec 2021 04:00	0	26 Dec 2021 04:00	0
25 Dec 2021 05:00	0	26 Dec 2021 05:00	0
25 Dec 2021 06:00	0	26 Dec 2021 06:00	0
25 Dec 2021 07:00	0	26 Dec 2021 07:00	0
25 Dec 2021 08:00	0	26 Dec 2021 08:00	0
25 Dec 2021 09:00	0	26 Dec 2021 09:00	0
25 Dec 2021 10:00	0	26 Dec 2021 10:00	0
25 Dec 2021 11:00	0	26 Dec 2021 11:00	0
25 Dec 2021 12:00	0	26 Dec 2021 12:00	0
25 Dec 2021 13:00	0	26 Dec 2021 13:00	0
25 Dec 2021 14:00	0	26 Dec 2021 14:00	0
25 Dec 2021 15:00	0	26 Dec 2021 15:00	0
25 Dec 2021 16:00	0	26 Dec 2021 16:00	0 to 1 mm
25 Dec 2021 17:00	0	26 Dec 2021 17:00	0 to 1 mm
25 Dec 2021 18:00	0	26 Dec 2021 18:00	0 to 1 mm
25 Dec 2021 19:00	0	26 Dec 2021 19:00	0
25 Dec 2021 20:00	0	26 Dec 2021 20:00	0 to 1 mm
25 Dec 2021 21:00	0	26 Dec 2021 21:00	0 to 1 mm
25 Dec 2021 22:00	0	26 Dec 2021 22:00	0
25 Dec 2021 23:00	0	26 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
27 Dec 2021 00:00	0	28 Dec 2021 00:00	0
27 Dec 2021 01:00	0	28 Dec 2021 01:00	0
27 Dec 2021 02:00	0 to 1 mm	28 Dec 2021 02:00	0
27 Dec 2021 03:00	0	28 Dec 2021 03:00	0
27 Dec 2021 04:00	0	28 Dec 2021 04:00	0
27 Dec 2021 05:00	0	28 Dec 2021 05:00	0
27 Dec 2021 06:00	0	28 Dec 2021 06:00	0
27 Dec 2021 07:00	0	28 Dec 2021 07:00	0
27 Dec 2021 08:00	0	28 Dec 2021 08:00	0
27 Dec 2021 09:00	0	28 Dec 2021 09:00	0
27 Dec 2021 10:00	0	28 Dec 2021 10:00	0
27 Dec 2021 11:00	0 to 1 mm	28 Dec 2021 11:00	0
27 Dec 2021 12:00	0	28 Dec 2021 12:00	0
27 Dec 2021 13:00	0	28 Dec 2021 13:00	0
27 Dec 2021 14:00	0	28 Dec 2021 14:00	0
27 Dec 2021 15:00	0	28 Dec 2021 15:00	0
27 Dec 2021 16:00	0	28 Dec 2021 16:00	0
27 Dec 2021 17:00	0	28 Dec 2021 17:00	0
27 Dec 2021 18:00	0	28 Dec 2021 18:00	0
27 Dec 2021 19:00	0	28 Dec 2021 19:00	0
27 Dec 2021 20:00	0	28 Dec 2021 20:00	0
27 Dec 2021 21:00	0	28 Dec 2021 21:00	0
27 Dec 2021 22:00	0	28 Dec 2021 22:00	0
27 Dec 2021 23:00	0	28 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
29 Dec 2021 00:00	0	30 Dec 2021 00:00	0
29 Dec 2021 01:00	0	30 Dec 2021 01:00	0
29 Dec 2021 02:00	0	30 Dec 2021 02:00	0
29 Dec 2021 03:00	0	30 Dec 2021 03:00	0
29 Dec 2021 04:00	0	30 Dec 2021 04:00	0
29 Dec 2021 05:00	0	30 Dec 2021 05:00	0
29 Dec 2021 06:00	0	30 Dec 2021 06:00	0
29 Dec 2021 07:00	0	30 Dec 2021 07:00	0
29 Dec 2021 08:00	0	30 Dec 2021 08:00	0
29 Dec 2021 09:00	0	30 Dec 2021 09:00	0
29 Dec 2021 10:00	0	30 Dec 2021 10:00	0
29 Dec 2021 11:00	0	30 Dec 2021 11:00	0
29 Dec 2021 12:00	0	30 Dec 2021 12:00	0
29 Dec 2021 13:00	0	30 Dec 2021 13:00	0
29 Dec 2021 14:00	0	30 Dec 2021 14:00	0
29 Dec 2021 15:00	0	30 Dec 2021 15:00	0
29 Dec 2021 16:00	0	30 Dec 2021 16:00	0
29 Dec 2021 17:00	0	30 Dec 2021 17:00	0
29 Dec 2021 18:00	0	30 Dec 2021 18:00	0
29 Dec 2021 19:00	0	30 Dec 2021 19:00	0
29 Dec 2021 20:00	0	30 Dec 2021 20:00	0
29 Dec 2021 21:00	0	30 Dec 2021 21:00	0
29 Dec 2021 22:00	0	30 Dec 2021 22:00	0
29 Dec 2021 23:00	0	30 Dec 2021 23:00	0

Source: Hong Kong Observatory

Appendix H Weather Condition

Station: Sha Tin

Date & Time	Total Rainfall (mm)	Date & Time	Total Rainfall (mm)
31 Dec 2021 00:00	0	1 Jan 2022 00:00	0
31 Dec 2021 01:00	0	1 Jan 2022 01:00	0
31 Dec 2021 02:00	0	1 Jan 2022 02:00	0
31 Dec 2021 03:00	0	1 Jan 2022 03:00	0
31 Dec 2021 04:00	0	1 Jan 2022 04:00	0
31 Dec 2021 05:00	0	1 Jan 2022 05:00	0
31 Dec 2021 06:00	0	1 Jan 2022 06:00	0
31 Dec 2021 07:00	0	1 Jan 2022 07:00	0
31 Dec 2021 08:00	0	1 Jan 2022 08:00	0
31 Dec 2021 09:00	0	1 Jan 2022 09:00	0
31 Dec 2021 10:00	0		
31 Dec 2021 11:00	0		
31 Dec 2021 12:00	0		
31 Dec 2021 13:00	0		
31 Dec 2021 14:00	0		
31 Dec 2021 15:00	0		
31 Dec 2021 16:00	0		
31 Dec 2021 17:00	0		
31 Dec 2021 18:00	0		
31 Dec 2021 19:00	0		
31 Dec 2021 20:00	0		
31 Dec 2021 21:00	0		
31 Dec 2021 22:00	0		
31 Dec 2021 23:00	0		

Source: Hong Kong Observatory

Appendix I

Noise Monitoring Results

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
15/12/2021 13:00	65.1	62.1	51.0	64.5
15/12/2021 13:30	61.5	58.5	51.5	60.0
15/12/2021 14:00	61.0	58.0	50.0	58.0
15/12/2021 14:30	60.1	57.1	48.0	59.0
15/12/2021 15:00	58.3	55.3	50.0	57.0
15/12/2021 15:30	61.7	58.7	51.5	59.5
15/12/2021 16:00	58.9	55.9	46.0	57.5
15/12/2021 16:30	62.9	59.9	45.5	58.5
15/12/2021 17:00	56.4	53.4	46.5	53.0
15/12/2021 17:30	60.7	57.7	46.0	57.5
15/12/2021 18:00	65.1	62.1	43.5	59.5
15/12/2021 18:30	65.2	62.2	44.0	60.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
16/12/2021 07:00				
16/12/2021 07:30				
16/12/2021 08:00	64.4	61.4	53.0	64.0
16/12/2021 08:30	71.7	68.7	65.5	70.0
16/12/2021 09:00	66.7	63.7	53.0	67.5
16/12/2021 09:30	67.5	64.5	53.5	67.5
16/12/2021 10:00	65.8	62.8	61.5	63.5
16/12/2021 10:30	68.4	65.4	61.5	68.5
16/12/2021 11:00	71.4	68.4	66.0	70.0
16/12/2021 11:30	71.0	68.0	65.5	68.5
16/12/2021 12:00	70.6	67.6	65.5	68.5
16/12/2021 12:30	70.4	67.4	65.5	68.5
16/12/2021 13:00	70.5	67.5	65.5	69.0
16/12/2021 13:30	67.9	64.9	51.0	69.0
16/12/2021 14:00	59.5	56.5	49.5	57.5
16/12/2021 14:30	60.3	57.3	47.0	59.0
16/12/2021 15:00	60.6	57.6	47.0	56.0
16/12/2021 15:30	57.5	54.5	44.0	55.0
16/12/2021 16:00	52.9	49.9	42.0	50.5
16/12/2021 16:30	57.0	54.0	43.5	52.0
16/12/2021 17:00	62.8	59.8	41.5	57.0
16/12/2021 17:30	61.9	58.9	40.0	53.0
16/12/2021 18:00	55.0	52.0	40.5	49.0
16/12/2021 18:30	51.4	48.4	40.5	50.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
17/12/2021 07:00	51.4	48.4	42.5	46.0
17/12/2021 07:30	56.5	53.5	42.5	50.0
17/12/2021 08:00	57.1	54.1	42.5	48.5
17/12/2021 08:30	58.2	55.2	44.0	54.5
17/12/2021 09:00	57.6	54.6	44.0	54.5
17/12/2021 09:30	58.3	55.3	44.0	51.5
17/12/2021 10:00	55.8	52.8	44.5	54.0
17/12/2021 10:30	54.4	51.4	40.5	53.0
17/12/2021 11:00	54.8	51.8	40.0	50.0
17/12/2021 11:30	59.9	56.9	40.5	57.0
17/12/2021 12:00	64.9	61.9	41.5	63.5
17/12/2021 12:30	67.7	64.7	45.0	64.0
17/12/2021 13:00	60.2	57.2	44.5	58.5
17/12/2021 13:30	64.0	61.0	49.5	61.0
17/12/2021 14:00	65.0	62.0	52.5	61.0
17/12/2021 14:30	63.1	60.1	52.5	61.0
17/12/2021 15:00	60.6	57.6	52.0	60.0
17/12/2021 15:30	73.2	70.2	53.0	71.5
17/12/2021 16:00	62.9	59.9	52.0	61.0
17/12/2021 16:30	56.1	53.1	42.5	54.5
17/12/2021 17:00	57.8	54.8	42.5	56.0
17/12/2021 17:30	51.3	48.3	42.5	50.5
17/12/2021 18:00	52.5	49.5	43.5	51.5
17/12/2021 18:30	54.0	51.0	44.0	50.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
18/12/2021 07:00	63.1	60.1	52.5	62.0
18/12/2021 07:30	61.4	58.4	52.5	57.5
18/12/2021 08:00	58.6	55.6	52.0	55.0
18/12/2021 08:30	62.6	59.6	52.0	60.5
18/12/2021 09:00	59.4	56.4	51.5	57.0
18/12/2021 09:30	62.0	59.0	51.5	57.0
18/12/2021 10:00	60.4	57.4	51.0	58.0
18/12/2021 10:30	62.0	59.0	51.5	59.0
18/12/2021 11:00	62.2	59.2	52.0	57.5
18/12/2021 11:30	62.0	59.0	52.5	60.5
18/12/2021 12:00	64.3	61.3	53.0	61.5
18/12/2021 12:30	63.3	60.3	50.0	61.5
18/12/2021 13:00	63.7	60.7	47.5	61.0
18/12/2021 13:30	60.2	57.2	46.5	58.0
18/12/2021 14:00	61.6	58.6	46.0	57.5
18/12/2021 14:30	61.2	58.2	46.5	60.0
18/12/2021 15:00	62.3	59.3	46.5	57.0
18/12/2021 15:30	57.2	54.2	44.0	57.0
18/12/2021 16:00	58.6	55.6	43.0	55.0
18/12/2021 16:30	60.5	57.5	42.5	52.5
18/12/2021 17:00	50.3	47.3	42.0	47.0
18/12/2021 17:30	52.5	49.5	43.0	51.0
18/12/2021 18:00	51.2	48.2	43.0	46.0
18/12/2021 18:30	49.1	46.1	42.0	45.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
19/12/2021 07:00	63.4	60.4	45.5	63.0
19/12/2021 07:05	70.6	67.6	44.5	67.0
19/12/2021 07:10	68.1	65.1	51.5	66.5
19/12/2021 07:15	68.2	65.2	42.0	68.0
19/12/2021 07:20	60.4	57.4	43.5	51.5
19/12/2021 07:25	65.0	62.0	44.0	64.0
19/12/2021 07:30	66.8	63.8	47.5	67.0
19/12/2021 07:35	64.8	61.8	44.5	60.0
19/12/2021 07:40	65.9	62.9	47.0	64.0
19/12/2021 07:45	76.8	73.8	55.5	78.5
19/12/2021 07:50	65.9	62.9	49.5	56.5
19/12/2021 07:55	53.8	50.8	43.5	51.0
19/12/2021 08:00	53.0	50.0	42.5	50.0
19/12/2021 08:05	54.5	51.5	43.5	49.5
19/12/2021 08:10	62.9	59.9	44.0	57.0
19/12/2021 08:15	58.5	55.5	45.0	56.0
19/12/2021 08:20	62.2	59.2	51.0	61.5
19/12/2021 08:25	60.2	57.2	46.5	58.0
19/12/2021 08:30	64.9	61.9	47.0	61.0
19/12/2021 08:35	54.8	51.8	47.0	53.5
19/12/2021 08:40	60.0	57.0	48.0	61.0
19/12/2021 08:45	56.4	53.4	47.5	56.0
19/12/2021 08:50	63.7	60.7	48.0	63.5
19/12/2021 08:55	73.7	70.7	62.5	73.5
19/12/2021 09:00	68.5	65.5	49.0	70.0
19/12/2021 09:05	59.2	56.2	52.0	59.0
19/12/2021 09:10	70.9	67.9	53.0	69.5
19/12/2021 09:15	56.9	53.9	52.0	55.0
19/12/2021 09:20	70.9	67.9	54.0	71.5
19/12/2021 09:25	63.8	60.8	52.5	64.0
19/12/2021 09:30	64.8	61.8	53.0	61.5
19/12/2021 09:35	60.8	57.8	52.5	60.0
19/12/2021 09:40	62.0	59.0	52.5	61.0
19/12/2021 09:45	61.6	58.6	52.0	61.0
19/12/2021 09:50	64.6	61.6	52.5	64.0
19/12/2021 09:55	68.8	65.8	54.5	70.5
19/12/2021 10:00	63.2	60.2	52.0	63.5
19/12/2021 10:05	62.2	59.2	52.5	59.5
19/12/2021 10:10	59.1	56.1	52.5	58.5
19/12/2021 10:15	65.5	62.5	53.0	62.5
19/12/2021 10:20	59.7	56.7	53.0	58.5
19/12/2021 10:25	59.6	56.6	52.5	59.5
19/12/2021 10:30	64.5	61.5	52.0	61.0
19/12/2021 10:35	62.7	59.7	52.0	61.5
19/12/2021 10:40	59.0	56.0	51.5	58.0
19/12/2021 10:45	58.1	55.1	51.5	57.0
19/12/2021 10:50	59.5	56.5	51.5	58.0
19/12/2021 10:55	58.3	55.3	52.0	57.0
19/12/2021 11:00	63.2	60.2	52.0	62.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
19/12/2021 11:05	58.2	55.2	51.5	57.5
19/12/2021 11:10	61.8	58.8	52.5	60.5
19/12/2021 11:15	64.3	61.3	53.0	58.0
19/12/2021 11:20	57.9	54.9	51.5	56.0
19/12/2021 11:25	55.8	52.8	51.5	53.5
19/12/2021 11:30	57.0	54.0	51.5	53.5
19/12/2021 11:35	60.8	57.8	52.0	59.5
19/12/2021 11:40	59.0	56.0	51.5	58.0
19/12/2021 11:45	56.7	53.7	51.5	54.5
19/12/2021 11:50	55.7	52.7	51.0	53.5
19/12/2021 11:55	59.5	56.5	51.0	56.0
19/12/2021 12:00	64.6	61.6	51.5	66.0
19/12/2021 12:05	68.5	65.5	51.5	64.5
19/12/2021 12:10	66.5	63.5	51.5	65.5
19/12/2021 12:15	63.2	60.2	51.5	58.5
19/12/2021 12:20	54.6	51.6	51.0	52.5
19/12/2021 12:25	57.5	54.5	51.0	54.5
19/12/2021 12:30	59.7	56.7	51.5	57.5
19/12/2021 12:35	60.3	57.3	52.0	57.0
19/12/2021 12:40	58.3	55.3	51.5	55.0
19/12/2021 12:45	63.1	60.1	51.0	58.5
19/12/2021 12:50	58.2	55.2	51.5	57.5
19/12/2021 12:55	56.9	53.9	51.5	55.5
19/12/2021 13:00	62.2	59.2	52.0	58.5
19/12/2021 13:05	62.3	59.3	52.0	59.0
19/12/2021 13:10	56.6	53.6	52.0	54.0
19/12/2021 13:15	64.5	61.5	51.5	62.0
19/12/2021 13:20	59.9	56.9	52.0	60.0
19/12/2021 13:25	60.4	57.4	51.0	59.5
19/12/2021 13:30	58.2	55.2	50.5	57.0
19/12/2021 13:35	57.5	54.5	51.0	56.5
19/12/2021 13:40	56.7	53.7	50.5	55.0
19/12/2021 13:45	60.7	57.7	51.0	60.5
19/12/2021 13:50	62.3	59.3	52.0	62.5
19/12/2021 13:55	67.8	64.8	53.0	64.5
19/12/2021 14:00	61.0	58.0	53.0	58.0
19/12/2021 14:05	61.2	58.2	52.0	58.0
19/12/2021 14:10	63.3	60.3	52.0	60.5
19/12/2021 14:15	68.0	65.0	51.5	60.5
19/12/2021 14:20	57.7	54.7	51.5	58.0
19/12/2021 14:25	61.1	58.1	52.0	61.5
19/12/2021 14:30	60.2	57.2	51.5	59.5
19/12/2021 14:35	60.8	57.8	52.5	59.0
19/12/2021 14:40	64.6	61.6	52.5	57.0
19/12/2021 14:45	65.3	62.3	51.5	58.0
19/12/2021 14:50	58.2	55.2	52.0	56.5
19/12/2021 14:55	65.1	62.1	51.5	64.5
19/12/2021 15:00	56.2	53.2	51.5	53.5
19/12/2021 15:05	61.5	58.5	51.5	57.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
19/12/2021 15:10	59.4	56.4	51.0	59.0
19/12/2021 15:15	64.3	61.3	54.0	63.0
19/12/2021 15:20	61.1	58.1	52.5	60.5
19/12/2021 15:25	61.4	58.4	52.0	59.5
19/12/2021 15:30	59.2	56.2	52.0	55.0
19/12/2021 15:35	59.8	56.8	52.0	57.5
19/12/2021 15:40	60.3	57.3	52.5	57.5
19/12/2021 15:45	60.2	57.2	52.5	58.0
19/12/2021 15:50	67.9	64.9	52.5	66.0
19/12/2021 15:55	57.8	54.8	49.0	57.0
19/12/2021 16:00	54.6	51.6	48.0	53.5
19/12/2021 16:05	63.2	60.2	49.0	62.0
19/12/2021 16:10	53.6	50.6	48.0	52.5
19/12/2021 16:15	56.9	53.9	48.0	53.5
19/12/2021 16:20	55.3	52.3	48.0	53.5
19/12/2021 16:25	56.3	53.3	48.5	56.5
19/12/2021 16:30	54.7	51.7	48.5	54.5
19/12/2021 16:35	54.7	51.7	48.0	53.5
19/12/2021 16:40	60.0	57.0	48.0	59.0
19/12/2021 16:45	55.8	52.8	48.0	52.0
19/12/2021 16:50	64.8	61.8	50.0	65.0
19/12/2021 16:55	59.2	56.2	54.0	56.0
19/12/2021 17:00	57.5	54.5	50.0	56.5
19/12/2021 17:05	61.3	58.3	50.0	59.5
19/12/2021 17:10	67.0	64.0	52.0	65.0
19/12/2021 17:15	60.7	57.7	56.5	59.0
19/12/2021 17:20	69.6	66.6	52.0	64.5
19/12/2021 17:25	55.9	52.9	48.5	55.0
19/12/2021 17:30	63.4	60.4	50.5	58.5
19/12/2021 17:35	58.3	55.3	48.5	53.5
19/12/2021 17:40	54.2	51.2	48.0	52.5
19/12/2021 17:45	60.1	57.1	48.5	57.0
19/12/2021 17:50	56.3	53.3	48.5	54.0
19/12/2021 17:55	55.5	52.5	45.0	52.0
19/12/2021 18:00	55.4	52.4	45.5	51.5
19/12/2021 18:05	56.7	53.7	45.0	54.0
19/12/2021 18:10	54.4	51.4	45.0	54.5
19/12/2021 18:15	60.7	57.7	45.0	55.5
19/12/2021 18:20	63.1	60.1	45.0	56.5
19/12/2021 18:25	52.9	49.9	48.0	50.5
19/12/2021 18:30	54.2	51.2	44.0	50.0
19/12/2021 18:35	56.7	53.7	44.5	55.0
19/12/2021 18:40	50.9	47.9	43.5	46.5
19/12/2021 18:45	52.0	49.0	44.0	51.0
19/12/2021 18:50	60.7	57.7	45.5	57.0
19/12/2021 18:55	65.5	62.5	45.5	61.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
20/12/2021 07:00	64.6	61.6	49.5	59.0
20/12/2021 07:30	57.9	54.9	46.5	53.5
20/12/2021 08:00	61.3	58.3	46.5	59.5
20/12/2021 08:30	58.8	55.8	46.5	57.0
20/12/2021 09:00	58.8	55.8	49.5	55.0
20/12/2021 09:30	62.3	59.3	46.5	58.5
20/12/2021 10:00	63.0	60.0	47.0	58.5
20/12/2021 10:30	67.7	64.7	47.5	62.5
20/12/2021 11:00				
20/12/2021 11:30				
20/12/2021 12:00				
20/12/2021 12:30				
20/12/2021 13:00	67.7	64.7	48.0	64.5
20/12/2021 13:30	61.5	58.5	47.0	59.0
20/12/2021 14:00	60.1	57.1	45.0	58.0
20/12/2021 14:30	56.4	53.4	44.0	57.0
20/12/2021 15:00	59.1	56.1	45.0	58.0
20/12/2021 15:30	58.2	55.2	44.5	57.5
20/12/2021 16:00	61.7	58.7	46.0	60.5
20/12/2021 16:30	54.4	51.4	43.0	55.5
20/12/2021 17:00	54.6	51.6	42.0	56.0
20/12/2021 17:30	59.6	56.6	43.5	57.0
20/12/2021 18:00				
20/12/2021 18:30				

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
21/12/2021 07:00	65.9	62.9	43.5	64.5
21/12/2021 07:30	67.6	64.6	46.5	65.5
21/12/2021 08:00	61.0	58.0	47.0	59.5
21/12/2021 08:30	60.5	57.5	50.0	59.5
21/12/2021 09:00				
21/12/2021 09:30				
21/12/2021 10:00				
21/12/2021 10:30				
21/12/2021 11:00				
21/12/2021 11:30				
21/12/2021 12:00	69.5	66.5	52.0	63.5
21/12/2021 12:30	63.1	60.1	50.5	60.0
21/12/2021 13:00	66.0	63.0	50.0	61.5
21/12/2021 13:30	61.7	58.7	51.0	59.5
21/12/2021 14:00	61.4	58.4	51.5	60.0
21/12/2021 14:30	69.3	66.3	50.5	71.5
21/12/2021 15:00	65.5	62.5	52.5	61.5
21/12/2021 15:30	61.2	58.2	49.0	58.0
21/12/2021 16:00	61.2	58.2	50.5	59.0
21/12/2021 16:30	58.7	55.7	46.5	57.0
21/12/2021 17:00	63.2	60.2	44.0	58.5
21/12/2021 17:30	62.5	59.5	47.5	60.0
21/12/2021 18:00	63.0	60.0	44.5	59.5
21/12/2021 18:30	60.4	57.4	41.0	55.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
22/12/2021 07:00	64.3	61.3	43.5	62.5
22/12/2021 07:30	63.8	60.8	43.0	61.0
22/12/2021 08:00	57.1	54.1	42.5	52.5
22/12/2021 08:30	63.7	60.7	47.0	63.0
22/12/2021 09:00	64.8	61.8	52.5	63.5
22/12/2021 09:30	70.1	67.1	55.0	67.0
22/12/2021 10:00	68.9	65.9	63.5	67.5
22/12/2021 10:30	68.3	65.3	63.5	67.0
22/12/2021 11:00	67.7	64.7	63.5	66.5
22/12/2021 11:30	71.9	68.9	66.5	70.5
22/12/2021 12:00	72.4	69.4	66.5	70.5
22/12/2021 12:30	72.5	69.5	67.0	70.5
22/12/2021 13:00	71.6	68.6	66.0	70.0
22/12/2021 13:30	69.4	66.4	53.5	69.0
22/12/2021 14:00	65.1	62.1	51.5	64.0
22/12/2021 14:30	66.3	63.3	50.5	59.0
22/12/2021 15:00	63.5	60.5	51.0	60.0
22/12/2021 15:30	57.2	54.2	45.0	55.0
22/12/2021 16:00	57.3	54.3	44.5	54.0
22/12/2021 16:30	64.6	61.6	47.5	61.0
22/12/2021 17:00	68.8	65.8	57.0	67.0
22/12/2021 17:30	64.0	61.0	43.5	57.0
22/12/2021 18:00	62.2	59.2	43.0	57.0
22/12/2021 18:30	58.4	55.4	42.5	53.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
23/12/2021 07:00	67.5	64.5	51.5	63.5
23/12/2021 07:30	64.5	61.5	51.5	62.0
23/12/2021 08:00	68.7	65.7	51.5	65.0
23/12/2021 08:30	70.1	67.1	53.5	70.5
23/12/2021 09:00	65.3	62.3	54.0	65.0
23/12/2021 09:30	67.8	64.8	53.5	61.5
23/12/2021 10:00	60.1	57.1	54.5	57.0
23/12/2021 10:30	62.2	59.2	53.5	60.5
23/12/2021 11:00	67.3	64.3	52.5	65.0
23/12/2021 11:30	67.7	64.7	56.0	65.0
23/12/2021 12:00	66.3	63.3	51.0	65.0
23/12/2021 12:30	67.5	64.5	50.5	65.0
23/12/2021 13:00	61.7	58.7	48.5	59.5
23/12/2021 13:30	65.3	62.3	49.0	61.5
23/12/2021 14:00	62.1	59.1	49.0	59.5
23/12/2021 14:30	62.4	59.4	49.0	61.0
23/12/2021 15:00	64.2	61.2	49.5	61.0
23/12/2021 15:30	58.2	55.2	47.5	57.5
23/12/2021 16:00	57.2	54.2	44.5	56.5
23/12/2021 16:30	60.9	57.9	44.5	52.5
23/12/2021 17:00	65.0	62.0	44.5	57.5
23/12/2021 17:30	68.2	65.2	43.5	63.0
23/12/2021 18:00	60.4	57.4	42.5	52.0
23/12/2021 18:30	53.1	50.1	43.0	50.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
24/12/2021 07:00	61.7	58.7	46.0	59.0
24/12/2021 07:30	62.5	59.5	48.0	56.0
24/12/2021 08:00	64.1	61.1	48.5	63.0
24/12/2021 08:30	67.7	64.7	59.5	67.0
24/12/2021 09:00	65.0	62.0	49.0	60.0
24/12/2021 09:30	57.9	54.9	49.5	56.5
24/12/2021 10:00	62.2	59.2	52.5	60.5
24/12/2021 10:30	61.1	58.1	51.5	58.5
24/12/2021 11:00	61.2	58.2	51.5	58.0
24/12/2021 11:30	58.5	55.5	51.0	56.0
24/12/2021 12:00	64.6	61.6	51.0	65.0
24/12/2021 12:30	60.4	57.4	51.5	58.0
24/12/2021 13:00	67.8	64.8	52.5	70.0
24/12/2021 13:30	62.5	59.5	51.0	60.0
24/12/2021 14:00	63.3	60.3	52.0	59.5
24/12/2021 14:30	63.2	60.2	52.0	58.5
24/12/2021 15:00	61.3	58.3	51.5	59.0
24/12/2021 15:30	62.5	59.5	51.0	59.0
24/12/2021 16:00	58.1	55.1	48.0	55.0
24/12/2021 16:30	59.8	56.8	48.5	57.5
24/12/2021 17:00	64.7	61.7	49.5	59.5
24/12/2021 17:30	59.1	56.1	47.0	55.5
24/12/2021 18:00	58.7	55.7	45.0	53.0
24/12/2021 18:30	59.8	56.8	44.0	54.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
25/12/2021 07:00	62.7	59.7	47.5	58.0
25/12/2021 07:05	72.0	69.0	48.5	67.5
25/12/2021 07:10	68.2	65.2	47.0	65.5
25/12/2021 07:15	60.0	57.0	47.0	54.5
25/12/2021 07:20	59.7	56.7	45.0	54.5
25/12/2021 07:25	59.8	56.8	45.5	56.5
25/12/2021 07:30	53.6	50.6	44.0	51.5
25/12/2021 07:35	56.3	53.3	44.0	55.5
25/12/2021 07:40	53.7	50.7	43.5	53.5
25/12/2021 07:45	57.8	54.8	44.0	53.5
25/12/2021 07:50	57.6	54.6	52.0	56.0
25/12/2021 07:55	56.9	53.9	52.0	55.5
25/12/2021 08:00	62.7	59.7	52.5	63.0
25/12/2021 08:05	65.3	62.3	54.0	62.0
25/12/2021 08:10	63.7	60.7	54.5	61.0
25/12/2021 08:15	63.2	60.2	53.5	62.0
25/12/2021 08:20	64.1	61.1	52.5	62.0
25/12/2021 08:25	66.3	63.3	53.5	67.0
25/12/2021 08:30	73.1	70.1	64.5	71.0
25/12/2021 08:35	73.6	70.6	67.0	70.5
25/12/2021 08:40	70.5	67.5	65.5	68.5
25/12/2021 08:45	70.9	67.9	66.0	69.0
25/12/2021 08:50	70.8	67.8	66.0	69.0
25/12/2021 08:55	70.0	67.0	65.5	67.0
25/12/2021 09:00	69.7	66.7	59.5	70.0
25/12/2021 09:05	69.9	66.9	59.0	71.0
25/12/2021 09:10	66.9	63.9	55.5	63.5
25/12/2021 09:15	61.0	58.0	53.5	60.0
25/12/2021 09:20	61.3	58.3	51.5	62.0
25/12/2021 09:25	62.0	59.0	52.0	61.0
25/12/2021 09:30	69.2	66.2	52.0	64.0
25/12/2021 09:35	62.4	59.4	52.0	61.0
25/12/2021 09:40	58.6	55.6	51.5	57.5
25/12/2021 09:45	59.4	56.4	50.0	57.0
25/12/2021 09:50	67.2	64.2	53.5	65.5
25/12/2021 09:55	61.8	58.8	53.0	60.5
25/12/2021 10:00	68.6	65.6	53.0	69.5
25/12/2021 10:05	67.2	64.2	52.0	65.0
25/12/2021 10:10	70.5	67.5	51.5	72.5
25/12/2021 10:15	75.8	72.8	72.5	73.0
25/12/2021 10:20	75.7	72.7	72.5	73.0
25/12/2021 10:25	76.2	73.2	72.5	73.5
25/12/2021 10:30	75.8	72.8	72.5	73.0
25/12/2021 10:35	75.7	72.7	72.5	73.0
25/12/2021 10:40	75.3	72.3	71.5	73.0
25/12/2021 10:45	74.9	71.9	70.5	73.0
25/12/2021 10:50	73.6	70.6	69.5	71.0
25/12/2021 10:55	72.9	69.9	69.5	70.0
25/12/2021 11:00	73.0	70.0	69.5	70.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
25/12/2021 11:05	72.9	69.9	69.5	70.0
25/12/2021 11:10	70.5	67.5	50.0	70.0
25/12/2021 11:15	62.1	59.1	48.5	57.5
25/12/2021 11:20	57.5	54.5	49.0	55.0
25/12/2021 11:25	59.8	56.8	49.5	60.5
25/12/2021 11:30	62.3	59.3	50.0	62.0
25/12/2021 11:35	58.1	55.1	49.0	53.5
25/12/2021 11:40	52.8	49.8	49.0	50.5
25/12/2021 11:45	54.5	51.5	49.0	52.0
25/12/2021 11:50	54.6	51.6	49.0	51.0
25/12/2021 11:55	64.9	61.9	52.0	64.0
25/12/2021 12:00	64.5	61.5	50.5	56.0
25/12/2021 12:05	66.5	63.5	49.5	55.5
25/12/2021 12:10	63.5	60.5	50.0	57.5
25/12/2021 12:15	61.8	58.8	51.0	58.0
25/12/2021 12:20	66.0	63.0	55.0	65.0
25/12/2021 12:25	67.9	64.9	57.0	63.5
25/12/2021 12:30	66.8	63.8	59.0	67.0
25/12/2021 12:35	69.0	66.0	60.0	69.0
25/12/2021 12:40	70.9	67.9	58.5	66.0
25/12/2021 12:45	67.9	64.9	59.5	66.5
25/12/2021 12:50	67.0	64.0	60.0	66.5
25/12/2021 12:55	67.4	64.4	60.0	65.0
25/12/2021 13:00	68.7	65.7	59.5	66.0
25/12/2021 13:05	66.4	63.4	51.5	67.0
25/12/2021 13:10	64.0	61.0	50.5	66.5
25/12/2021 13:15	58.1	55.1	50.5	56.0
25/12/2021 13:20	64.6	61.6	51.5	60.0
25/12/2021 13:25	62.4	59.4	57.0	60.5
25/12/2021 13:30	62.4	59.4	56.5	60.0
25/12/2021 13:35	61.8	58.8	55.5	61.5
25/12/2021 13:40	61.6	58.6	53.5	60.5
25/12/2021 13:45	64.0	61.0	50.5	62.0
25/12/2021 13:50	57.1	54.1	51.0	56.5
25/12/2021 13:55	58.4	55.4	51.0	57.0
25/12/2021 14:00	60.0	57.0	51.5	59.0
25/12/2021 14:05	64.5	61.5	51.0	59.0
25/12/2021 14:10	58.0	55.0	52.0	57.0
25/12/2021 14:15	58.4	55.4	52.0	57.5
25/12/2021 14:20	55.6	52.6	49.0	54.0
25/12/2021 14:25	63.1	60.1	48.5	56.0
25/12/2021 14:30	54.3	51.3	48.0	53.0
25/12/2021 14:35	58.6	55.6	49.0	57.0
25/12/2021 14:40	61.5	58.5	47.5	62.5
25/12/2021 14:45	63.2	60.2	47.5	63.5
25/12/2021 14:50	60.1	57.1	49.0	59.0
25/12/2021 14:55	57.8	54.8	49.0	58.0
25/12/2021 15:00	58.8	55.8	49.5	59.0
25/12/2021 15:05	58.7	55.7	50.5	57.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
25/12/2021 15:10	60.5	57.5	49.5	55.5
25/12/2021 15:15	55.1	52.1	49.5	52.5
25/12/2021 15:20	56.7	53.7	50.0	55.5
25/12/2021 15:25	58.4	55.4	51.0	57.5
25/12/2021 15:30	58.8	55.8	51.5	58.0
25/12/2021 15:35	59.8	56.8	51.5	59.0
25/12/2021 15:40	61.6	58.6	52.5	60.0
25/12/2021 15:45	64.2	61.2	52.5	62.0
25/12/2021 15:50	58.3	55.3	52.0	57.5
25/12/2021 15:55	63.7	60.7	49.0	60.0
25/12/2021 16:00	58.0	55.0	49.5	58.0
25/12/2021 16:05	62.0	59.0	48.0	61.5
25/12/2021 16:10	57.2	54.2	46.5	57.5
25/12/2021 16:15	54.9	51.9	45.5	54.5
25/12/2021 16:20	55.7	52.7	45.0	52.5
25/12/2021 16:25	58.5	55.5	45.5	57.5
25/12/2021 16:30	60.3	57.3	44.5	56.5
25/12/2021 16:35	57.8	54.8	44.5	58.0
25/12/2021 16:40	52.5	49.5	44.0	51.5
25/12/2021 16:45	56.5	53.5	45.0	54.5
25/12/2021 16:50	50.3	47.3	45.0	47.0
25/12/2021 16:55	49.6	46.6	44.5	47.0
25/12/2021 17:00	54.7	51.7	44.5	52.0
25/12/2021 17:05	52.4	49.4	45.0	51.5
25/12/2021 17:10	54.4	51.4	48.0	53.0
25/12/2021 17:15	56.4	53.4	44.0	50.5
25/12/2021 17:20	53.2	50.2	42.5	52.5
25/12/2021 17:25	54.9	51.9	43.0	57.0
25/12/2021 17:30	56.8	53.8	44.5	59.0
25/12/2021 17:35	57.1	54.1	44.5	59.0
25/12/2021 17:40	55.6	52.6	43.5	48.5
25/12/2021 17:45	54.2	51.2	43.5	54.0
25/12/2021 17:50	55.7	52.7	45.0	55.5
25/12/2021 17:55	55.8	52.8	43.5	55.0
25/12/2021 18:00	55.5	52.5	44.0	56.5
25/12/2021 18:05	51.7	48.7	44.0	47.0
25/12/2021 18:10	51.1	48.1	45.5	48.0
25/12/2021 18:15	56.5	53.5	45.5	49.5
25/12/2021 18:20	52.4	49.4	45.0	52.5
25/12/2021 18:25	58.6	55.6	45.5	48.5
25/12/2021 18:30	56.7	53.7	45.5	49.5
25/12/2021 18:35	54.7	51.7	46.0	53.5
25/12/2021 18:40	55.3	52.3	45.0	52.5
25/12/2021 18:45	51.5	48.5	43.0	45.5
25/12/2021 18:50	50.9	47.9	43.0	46.0
25/12/2021 18:55	51.9	48.9	45.0	48.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
26/12/2021 07:00	47.7	44.7	40.5	46.5
26/12/2021 07:05	45.6	42.6	40.0	44.0
26/12/2021 07:10	60.3	57.3	43.0	47.0
26/12/2021 07:15	49.0	46.0	43.0	46.0
26/12/2021 07:20	56.9	53.9	43.0	55.5
26/12/2021 07:25	58.1	55.1	43.5	54.5
26/12/2021 07:30	51.5	48.5	40.0	48.0
26/12/2021 07:35	60.8	57.8	42.5	50.5
26/12/2021 07:40	47.0	44.0	42.5	45.5
26/12/2021 07:45	60.7	57.7	42.0	57.0
26/12/2021 07:50	48.4	45.4	40.5	45.5
26/12/2021 07:55	64.6	61.6	42.0	67.0
26/12/2021 08:00	73.4	70.4	65.0	72.5
26/12/2021 08:05	74.3	81.3	49.5	74.5
26/12/2021 08:10	65.5	62.5	43.0	60.5
26/12/2021 08:15	63.6	60.6	43.5	57.0
26/12/2021 08:20	59.9	56.9	44.0	60.5
26/12/2021 08:25	57.2	54.2	43.5	50.0
26/12/2021 08:30	52.3	49.3	43.0	52.5
26/12/2021 08:35	57.1	54.1	42.5	50.5
26/12/2021 08:40	53.6	50.6	43.5	54.5
26/12/2021 08:45	50.9	47.9	41.5	47.5
26/12/2021 08:50	51.4	48.4	40.5	51.0
26/12/2021 08:55	46.9	43.9	41.0	45.5
26/12/2021 09:00	50.6	47.6	41.0	47.0
26/12/2021 09:05	48.0	45.0	42.0	47.0
26/12/2021 09:10	60.9	57.9	43.5	63.5
26/12/2021 09:15	59.7	56.7	44.0	54.5
26/12/2021 09:20	60.5	57.5	44.0	61.0
26/12/2021 09:25	66.3	63.3	45.0	63.5
26/12/2021 09:30	51.4	48.4	43.0	47.5
26/12/2021 09:35	49.5	46.5	42.0	47.0
26/12/2021 09:40	56.5	53.5	43.0	53.5
26/12/2021 09:45	56.0	53.0	44.5	57.0
26/12/2021 09:50	50.9	47.9	43.5	48.0
26/12/2021 09:55	51.7	48.7	43.0	49.0
26/12/2021 10:00	53.1	50.1	43.0	51.5
26/12/2021 10:05	57.0	54.0	40.5	47.0
26/12/2021 10:10	45.1	42.1	40.0	43.5
26/12/2021 10:15	50.1	47.1	40.0	48.5
26/12/2021 10:20	52.4	49.4	41.0	45.5
26/12/2021 10:25	55.4	52.4	40.5	48.5
26/12/2021 10:30	54.4	51.4	42.0	53.0
26/12/2021 10:35	59.9	56.9	44.5	59.0
26/12/2021 10:40	54.6	51.6	45.0	54.5
26/12/2021 10:45	58.9	55.9	45.5	49.5
26/12/2021 10:50	50.9	47.9	45.5	49.0
26/12/2021 10:55	58.6	55.6	45.0	59.5
26/12/2021 11:00	51.7	48.7	42.0	48.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq dB(A)	L90	L10
26/12/2021 11:05	54.3	51.3	42.5	52.0
26/12/2021 11:10	59.8	56.8	44.5	58.0
26/12/2021 11:15	56.1	53.1	44.0	53.5
26/12/2021 11:20	48.9	45.9	42.0	48.5
26/12/2021 11:25	60.4	57.4	43.5	60.5
26/12/2021 11:30	48.5	45.5	43.5	46.5
26/12/2021 11:35	57.2	54.2	43.0	47.0
26/12/2021 11:40	56.7	53.7	43.0	51.0
26/12/2021 11:45	52.1	49.1	43.5	49.0
26/12/2021 11:50	54.9	51.9	43.5	48.5
26/12/2021 11:55	51.0	48.0	42.0	47.5
26/12/2021 12:00	56.5	53.5	43.5	48.0
26/12/2021 12:05	52.2	49.2	43.0	49.5
26/12/2021 12:10	54.6	51.6	41.0	56.0
26/12/2021 12:15	56.2	53.2	42.5	53.5
26/12/2021 12:20	51.6	48.6	42.0	51.0
26/12/2021 12:25	55.0	52.0	41.0	55.0
26/12/2021 12:30	54.3	51.3	42.5	54.0
26/12/2021 12:35	59.6	56.6	42.5	60.5
26/12/2021 12:40	49.7	46.7	42.5	48.5
26/12/2021 12:45	53.4	50.4	40.5	55.0
26/12/2021 12:50	56.5	53.5	41.0	56.5
26/12/2021 12:55	46.3	43.3	39.5	43.0
26/12/2021 13:00	50.0	47.0	40.5	48.0
26/12/2021 13:05	44.7	41.7	40.0	43.5
26/12/2021 13:10	49.4	46.4	39.5	46.0
26/12/2021 13:15	51.0	48.0	40.5	48.0
26/12/2021 13:20	46.9	43.9	40.5	43.0
26/12/2021 13:25	58.3	55.3	41.0	59.0
26/12/2021 13:30	54.1	51.1	39.0	53.0
26/12/2021 13:35	58.2	55.2	50.0	58.0
26/12/2021 13:40	62.4	59.4	49.5	61.5
26/12/2021 13:45	58.9	55.9	50.0	60.0
26/12/2021 13:50	59.8	56.8	50.0	60.5
26/12/2021 13:55	54.2	51.2	49.5	51.5
26/12/2021 14:00	61.3	58.3	50.0	58.0
26/12/2021 14:05	66.3	63.3	50.5	61.0
26/12/2021 14:10	57.6	54.6	49.5	55.5
26/12/2021 14:15	55.3	52.3	44.0	54.5
26/12/2021 14:20	56.2	53.2	47.0	56.0
26/12/2021 14:25	54.9	51.9	46.0	53.0
26/12/2021 14:30	56.2	53.2	47.0	55.5
26/12/2021 14:35	54.2	51.2	46.5	50.5
26/12/2021 14:40	64.2	61.2	46.0	59.5
26/12/2021 14:45	60.1	57.1	46.5	62.0
26/12/2021 14:50	58.3	55.3	46.5	57.5
26/12/2021 14:55	57.9	54.9	43.5	59.0
26/12/2021 15:00	56.1	53.1	44.0	58.0
26/12/2021 15:05	56.0	53.0	45.5	54.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq dB(A)	L90	L10
26/12/2021 15:10	55.2	52.2	47.0	55.5
26/12/2021 15:15	52.4	49.4	45.5	50.5
26/12/2021 15:20	55.0	52.0	47.0	50.5
26/12/2021 15:25	53.7	50.7	46.5	52.0
26/12/2021 15:30	57.7	54.7	46.0	57.0
26/12/2021 15:35	55.8	52.8	45.5	52.5
26/12/2021 15:40	57.8	54.8	46.0	57.5
26/12/2021 15:45	56.6	53.6	45.0	55.0
26/12/2021 15:50	53.6	50.6	45.0	54.0
26/12/2021 15:55	56.9	53.9	45.5	56.0
26/12/2021 16:00				
26/12/2021 16:05				
26/12/2021 16:10				
26/12/2021 16:15				
26/12/2021 16:20				
26/12/2021 16:25				
26/12/2021 16:30				
26/12/2021 16:35				
26/12/2021 16:40				
26/12/2021 16:45				
26/12/2021 16:50				
26/12/2021 16:55				
26/12/2021 17:00				
26/12/2021 17:05				
26/12/2021 17:10				
26/12/2021 17:15				
26/12/2021 17:20				
26/12/2021 17:25				
26/12/2021 17:30				
26/12/2021 17:35				
26/12/2021 17:40				
26/12/2021 17:45				
26/12/2021 17:50				
26/12/2021 17:55				
26/12/2021 18:00				
26/12/2021 18:05				
26/12/2021 18:10				
26/12/2021 18:15				
26/12/2021 18:20				
26/12/2021 18:25				
26/12/2021 18:30				
26/12/2021 18:35				
26/12/2021 18:40				
26/12/2021 18:45				
26/12/2021 18:50				
26/12/2021 18:55				

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
27/12/2021 07:00	48.7	45.7	36.5	43.0
27/12/2021 07:05	48.4	45.4	37.0	41.0
27/12/2021 07:10	51.7	48.7	37.0	50.5
27/12/2021 07:15	49.6	46.6	35.0	48.5
27/12/2021 07:20	51.8	48.8	43.5	51.5
27/12/2021 07:25	51.6	48.6	36.5	43.5
27/12/2021 07:30	47.4	44.4	35.5	44.5
27/12/2021 07:35	51.8	48.8	35.5	43.0
27/12/2021 07:40	53.8	50.8	35.5	45.5
27/12/2021 07:45	49.0	46.0	37.0	50.0
27/12/2021 07:50	58.2	55.2	39.5	56.0
27/12/2021 07:55	53.1	50.1	37.5	49.0
27/12/2021 08:00	60.8	57.8	38.0	60.0
27/12/2021 08:05	53.6	50.6	39.0	51.5
27/12/2021 08:10	55.5	52.5	37.5	53.0
27/12/2021 08:15	50.0	47.0	38.0	43.0
27/12/2021 08:20	57.0	54.0	38.0	53.5
27/12/2021 08:25	60.1	57.1	38.0	59.5
27/12/2021 08:30	58.5	55.5	37.5	59.5
27/12/2021 08:35	60.2	57.2	39.5	55.0
27/12/2021 08:40	60.7	57.7	43.0	58.0
27/12/2021 08:45	67.4	64.4	49.0	67.0
27/12/2021 08:50	63.6	60.6	38.5	62.0
27/12/2021 08:55	61.1	58.1	39.5	54.5
27/12/2021 09:00	69.3	66.3	45.0	68.0
27/12/2021 09:05	61.6	58.6	40.5	54.5
27/12/2021 09:10	63.7	60.7	43.0	59.0
27/12/2021 09:15	67.5	64.5	43.5	62.0
27/12/2021 09:20	62.1	59.1	42.5	59.0
27/12/2021 09:25	61.2	58.2	39.5	60.0
27/12/2021 09:30	61.3	58.3	41.5	53.5
27/12/2021 09:35	59.6	56.6	40.0	51.5
27/12/2021 09:40	53.6	50.6	40.0	54.0
27/12/2021 09:45	53.2	50.2	40.0	53.5
27/12/2021 09:50	55.6	52.6	40.5	55.5
27/12/2021 09:55	54.7	51.7	41.0	54.0
27/12/2021 10:00	51.7	48.7	42.0	51.0
27/12/2021 10:05	59.2	56.2	43.0	59.0
27/12/2021 10:10	49.2	46.2	41.5	45.5
27/12/2021 10:15	51.0	48.0	42.0	49.0
27/12/2021 10:20	61.9	58.9	43.0	49.5
27/12/2021 10:25	52.2	49.2	42.5	49.5
27/12/2021 10:30	52.7	49.7	43.0	52.5
27/12/2021 10:35	55.3	52.3	42.5	53.0
27/12/2021 10:40	61.5	58.5	44.5	62.0
27/12/2021 10:45	57.1	54.1	43.5	54.5
27/12/2021 10:50	52.2	49.2	44.0	51.5
27/12/2021 10:55	53.8	50.8	44.0	53.0
27/12/2021 11:00				

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
27/12/2021 11:05				
27/12/2021 11:10				
27/12/2021 11:15				
27/12/2021 11:20				
27/12/2021 11:25				
27/12/2021 11:30				
27/12/2021 11:35				
27/12/2021 11:40				
27/12/2021 11:45				
27/12/2021 11:50				
27/12/2021 11:55				
27/12/2021 12:00	55.1	52.1	44.0	55.0
27/12/2021 12:05	53.7	50.7	45.5	53.0
27/12/2021 12:10	67.4	64.4	45.5	56.0
27/12/2021 12:15	52.8	49.8	45.0	51.5
27/12/2021 12:20	62.2	59.2	44.0	56.0
27/12/2021 12:25	57.0	54.0	44.5	56.5
27/12/2021 12:30	55.4	52.4	44.0	57.0
27/12/2021 12:35	62.7	59.7	47.5	63.0
27/12/2021 12:40	56.7	53.7	47.5	54.0
27/12/2021 12:45	53.0	50.0	46.5	51.0
27/12/2021 12:50	53.9	50.9	45.5	50.5
27/12/2021 12:55	55.8	52.8	46.0	52.5
27/12/2021 13:00	51.3	48.3	43.5	50.0
27/12/2021 13:05	48.9	45.9	42.5	46.5
27/12/2021 13:10	53.4	50.4	43.0	49.0
27/12/2021 13:15	55.0	52.0	46.5	54.5
27/12/2021 13:20	60.1	57.1	46.0	56.5
27/12/2021 13:25	53.2	50.2	45.5	51.0
27/12/2021 13:30	51.8	48.8	38.5	52.5
27/12/2021 13:35	55.6	52.6	38.0	53.5
27/12/2021 13:40	51.7	48.7	38.5	51.5
27/12/2021 13:45	47.4	44.4	38.0	46.5
27/12/2021 13:50	49.7	46.7	39.0	49.5
27/12/2021 13:55	52.3	49.3	39.0	51.5
27/12/2021 14:00	58.7	55.7	39.5	55.0
27/12/2021 14:05	49.4	46.4	39.0	46.0
27/12/2021 14:10	51.7	48.7	39.5	52.5
27/12/2021 14:15	49.4	46.4	39.5	50.0
27/12/2021 14:20	52.2	49.2	39.5	51.0
27/12/2021 14:25	54.4	51.4	41.0	55.5
27/12/2021 14:30	53.6	50.6	40.0	50.5
27/12/2021 14:35	47.8	44.8	40.5	45.5
27/12/2021 14:40	56.0	53.0	43.5	53.0
27/12/2021 14:45	48.6	45.6	40.5	48.5
27/12/2021 14:50	50.6	47.6	40.5	51.0
27/12/2021 14:55	55.2	52.2	41.0	52.0
27/12/2021 15:00	47.8	44.8	39.5	47.0
27/12/2021 15:05	54.7	51.7	40.0	52.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
27/12/2021 15:10	55.8	52.8	41.5	57.5
27/12/2021 15:15	57.5	54.5	41.5	54.5
27/12/2021 15:20	56.1	53.1	46.5	56.0
27/12/2021 15:25	54.5	51.5	46.5	50.5
27/12/2021 15:30	68.1	65.1	46.0	56.0
27/12/2021 15:35	53.4	50.4	42.0	55.0
27/12/2021 15:40	49.3	46.3	42.0	49.5
27/12/2021 15:45	54.7	51.7	41.0	56.0
27/12/2021 15:50	52.6	49.6	41.5	50.0
27/12/2021 15:55	58.6	55.6	41.5	53.5
27/12/2021 16:00	52.6	49.6	41.0	53.0
27/12/2021 16:05	54.9	51.9	41.0	55.5
27/12/2021 16:10	61.0	58.0	43.0	57.5
27/12/2021 16:15	54.1	51.1	41.5	54.5
27/12/2021 16:20	54.4	51.4	42.5	53.0
27/12/2021 16:25	54.4	51.4	41.5	53.5
27/12/2021 16:30	48.6	45.6	42.0	47.0
27/12/2021 16:35	51.2	48.2	42.0	49.5
27/12/2021 16:40	50.1	47.1	41.0	48.0
27/12/2021 16:45	48.6	45.6	41.5	46.5
27/12/2021 16:50	55.0	52.0	41.5	54.0
27/12/2021 16:55	51.5	48.5	40.5	49.5
27/12/2021 17:00	51.1	48.1	39.5	52.0
27/12/2021 17:05	57.0	54.0	39.5	57.0
27/12/2021 17:10	49.3	46.3	39.5	50.0
27/12/2021 17:15	49.6	46.6	39.5	48.5
27/12/2021 17:20	55.4	52.4	40.0	54.0
27/12/2021 17:25	47.9	44.9	40.0	48.0
27/12/2021 17:30	52.2	49.2	39.0	53.5
27/12/2021 17:35	50.8	47.8	38.0	44.5
27/12/2021 17:40	54.4	51.4	38.0	51.5
27/12/2021 17:45	54.3	51.3	38.0	49.0
27/12/2021 17:50	53.3	50.3	39.5	52.0
27/12/2021 17:55	55.2	52.2	40.0	52.0
27/12/2021 18:00	50.9	47.9	40.0	51.0
27/12/2021 18:05	52.8	49.8	40.5	54.0
27/12/2021 18:10	52.1	49.1	40.5	51.5
27/12/2021 18:15	52.5	49.5	41.5	51.5
27/12/2021 18:20	50.4	47.4	41.0	45.5
27/12/2021 18:25	51.0	48.0	41.5	45.5
27/12/2021 18:30	48.8	45.8	41.0	47.0
27/12/2021 18:35	50.9	47.9	41.0	44.0
27/12/2021 18:40	51.2	48.2	40.5	45.0
27/12/2021 18:45	50.3	47.3	40.0	47.5
27/12/2021 18:50	45.9	42.9	39.0	43.0
27/12/2021 18:55	48.1	45.1	39.0	43.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
	dB(A)			
28/12/2021 07:00	42.9	39.9	38.0	41.0
28/12/2021 07:30	42.1	39.1	37.5	40.0
28/12/2021 08:00	44.1	41.1	37.0	40.0
28/12/2021 08:30	42.4	39.4	37.5	40.5
28/12/2021 09:00	44.3	41.3	38.5	41.5
28/12/2021 09:30	43.8	40.8	37.5	43.0
28/12/2021 10:00	43.6	40.6	39.5	42.0
28/12/2021 10:30	48.7	45.7	37.0	43.0
28/12/2021 11:00	55.8	52.8	42.0	51.5
28/12/2021 11:30	55.8	52.8	42.5	50.0
28/12/2021 12:00	57.1	54.1	41.5	50.0
28/12/2021 12:30	58.6	55.6	41.5	59.5
28/12/2021 13:00	63.0	60.0	38.0	59.0
28/12/2021 13:30	61.7	58.7	42.0	60.0
28/12/2021 14:00	68.8	65.8	47.0	66.0
28/12/2021 14:30	67.5	64.5	47.5	66.0
28/12/2021 15:00	70.6	67.6	48.0	63.5
28/12/2021 15:30	61.4	58.4	49.5	60.0
28/12/2021 16:00	51.9	48.9	41.0	47.5
28/12/2021 16:30	52.9	49.9	40.0	48.5
28/12/2021 17:00	48.8	45.8	39.0	44.5
28/12/2021 17:30	51.4	48.4	38.0	46.0
28/12/2021 18:00	51.0	48.0	37.5	48.5
28/12/2021 18:30	50.4	47.4	37.5	48.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M1 In front of the HKBTS Staff & Students Quarters

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
29/12/2021 07:00	56.9	53.9	48.5	54.5
29/12/2021 07:30	64.4	61.4	44.5	63.5
29/12/2021 08:00	57.7	54.7	48.5	55.5
29/12/2021 08:30	53.4	50.4	48.0	51.5
29/12/2021 09:00	56.3	53.3	48.0	52.0
29/12/2021 09:30	59.3	56.3	48.5	54.5
29/12/2021 10:00	60.6	57.6	52.5	57.5
29/12/2021 10:30	70.1	67.1	61.0	68.5
29/12/2021 11:00	70.0	67.0	64.5	69.0
29/12/2021 11:30	69.5	66.5	52.5	69.0
29/12/2021 12:00	64.6	61.6	52.5	63.0
29/12/2021 12:30	64.0	61.0	52.0	61.5
29/12/2021 13:00	60.6	57.6	52.0	59.0
29/12/2021 13:30	62.5	59.5	46.5	60.0
29/12/2021 14:00	63.1	60.1	46.0	58.0
29/12/2021 14:30	57.7	54.7	45.5	54.5
29/12/2021 15:00	61.7	58.7	44.5	59.0
29/12/2021 15:30	63.3	60.3	44.0	58.0
29/12/2021 16:00	65.8	62.8	45.5	63.5
29/12/2021 16:30	60.0	57.0	44.5	52.5
29/12/2021 17:00	54.3	51.3	43.0	53.5
29/12/2021 17:30	57.9	54.9	43.0	47.5
29/12/2021 18:00	55.7	52.7	42.5	47.5
29/12/2021 18:30	52.5	49.5	43.5	48.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Corrected Leq	Leq	L90	L10
dB(A)				
30/12/2021 07:00	51.7	48.7	42.5	48.5
30/12/2021 07:30	46.2	43.2	42.0	44.0
30/12/2021 08:00	56.2	53.2	42.0	52.5
30/12/2021 08:30	60.9	57.9	43.0	55.0
30/12/2021 09:00	65.6	62.6	44.0	64.5
30/12/2021 09:30	70.6	67.6	45.5	70.0
30/12/2021 10:00	57.3	54.3	43.5	54.5
30/12/2021 10:30	56.3	53.3	44.0	54.5
30/12/2021 11:00	60.1	57.1	46.5	57.0
30/12/2021 11:30	59.8	56.8	52.0	58.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
15/12/2021 13:00	63.1	46.5	61.0
15/12/2021 13:30	67.2	54.0	67.0
15/12/2021 14:00	65.1	53.5	63.5
15/12/2021 14:30	63.3	53.5	65.0
15/12/2021 15:00	60.9	49.0	60.0
15/12/2021 15:30	62.7	47.5	63.5
15/12/2021 16:00	60.6	47.5	63.0
15/12/2021 16:30	63.0	49.0	63.5
15/12/2021 17:00	64.0	46.5	62.0
15/12/2021 17:30	60.6	46.0	62.0
15/12/2021 18:00	59.3	45.5	57.0
15/12/2021 18:30	59.9	45.5	54.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
16/12/2021 07:00			
16/12/2021 07:30			
16/12/2021 08:00	69.2	45.0	71.0
16/12/2021 08:30	71.4	45.0	66.0
16/12/2021 09:00	58.9	45.0	61.0
16/12/2021 09:30	67.2	48.5	66.5
16/12/2021 10:00	63.7	55.5	63.5
16/12/2021 10:30	65.3	54.5	64.0
16/12/2021 11:00	65.3	48.0	63.0
16/12/2021 11:30	60.4	50.0	60.0
16/12/2021 12:00	64.6	50.5	62.0
16/12/2021 12:30	60.9	53.5	61.5
16/12/2021 13:00	68.7	54.5	65.0
16/12/2021 13:30	60.9	54.5	62.0
16/12/2021 14:00	63.0	54.5	62.5
16/12/2021 14:30	61.6	54.5	61.0
16/12/2021 15:00	64.2	48.0	62.0
16/12/2021 15:30	59.8	48.5	59.5
16/12/2021 16:00	62.1	47.0	62.5
16/12/2021 16:30	66.4	46.5	63.5
16/12/2021 17:00	60.6	45.5	60.5
16/12/2021 17:30	56.7	45.0	57.0
16/12/2021 18:00	59.6	44.5	59.0
16/12/2021 18:30	66.8	43.5	68.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
17/12/2021 07:00	72.0	45.0	68.0
17/12/2021 07:30	64.5	45.5	62.5
17/12/2021 08:00	62.2	51.0	62.0
17/12/2021 08:30	66.9	53.0	71.0
17/12/2021 09:00	67.1	53.0	70.5
17/12/2021 09:30	59.6	52.5	61.0
17/12/2021 10:00	63.5	49.0	65.0
17/12/2021 10:30	63.6	50.0	65.0
17/12/2021 11:00	63.3	48.0	62.0
17/12/2021 11:30	62.3	48.0	61.0
17/12/2021 12:00	63.2	49.5	62.0
17/12/2021 12:30	61.2	51.0	60.0
17/12/2021 13:00	62.2	50.5	63.0
17/12/2021 13:30	61.7	49.5	62.5
17/12/2021 14:00	65.1	51.5	66.0
17/12/2021 14:30	64.8	52.0	68.0
17/12/2021 15:00	59.4	51.5	61.0
17/12/2021 15:30	65.0	49.5	63.0
17/12/2021 16:00	65.1	48.5	64.0
17/12/2021 16:30	66.1	48.0	62.5
17/12/2021 17:00	60.7	47.5	60.5
17/12/2021 17:30	59.9	47.0	58.5
17/12/2021 18:00	61.3	47.0	56.5
17/12/2021 18:30	65.8	47.0	63.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
18/12/2021 07:00	63.9	50.5	64.5
18/12/2021 07:30	61.1	48.0	61.0
18/12/2021 08:00	59.5	47.5	59.0
18/12/2021 08:30	63.7	47.0	64.0
18/12/2021 09:00	66.9	46.0	62.5
18/12/2021 09:30	62.9	46.5	59.5
18/12/2021 10:00	62.2	47.5	60.0
18/12/2021 10:30	61.8	49.5	62.0
18/12/2021 11:00	62.3	48.0	60.5
18/12/2021 11:30	63.4	49.0	63.0
18/12/2021 12:00	64.5	50.0	63.0
18/12/2021 12:30	64.1	50.5	63.5
18/12/2021 13:00	60.8	48.5	61.0
18/12/2021 13:30	60.7	48.0	60.5
18/12/2021 14:00	61.8	48.0	62.0
18/12/2021 14:30	65.9	46.5	63.5
18/12/2021 15:00	63.6	45.5	60.5
18/12/2021 15:30	60.4	45.5	60.5
18/12/2021 16:00	62.1	45.0	58.5
18/12/2021 16:30	58.7	45.0	55.0
18/12/2021 17:00	56.6	44.5	51.5
18/12/2021 17:30	56.9	45.0	53.5
18/12/2021 18:00	53.3	45.0	49.5
18/12/2021 18:30	53.9	45.5	52.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
19/12/2021 07:00	60.6	52.0	63.0
19/12/2021 07:05	64.4	53.5	65.0
19/12/2021 07:10	65.6	55.5	64.0
19/12/2021 07:15	62.2	55.5	65.0
19/12/2021 07:20	63.3	55.0	64.5
19/12/2021 07:25	61.9	53.5	65.0
19/12/2021 07:30	64.1	51.0	64.5
19/12/2021 07:35	59.9	49.5	61.5
19/12/2021 07:40	62.0	50.5	65.0
19/12/2021 07:45	63.6	50.5	62.0
19/12/2021 07:50	60.1	48.0	62.5
19/12/2021 07:55	62.4	48.5	58.5
19/12/2021 08:00	73.4	47.5	70.5
19/12/2021 08:05	60.1	48.0	62.5
19/12/2021 08:10	55.3	47.5	56.0
19/12/2021 08:15	54.5	47.5	53.5
19/12/2021 08:20	65.3	50.5	65.5
19/12/2021 08:25	67.3	50.0	67.5
19/12/2021 08:30	51.9	48.5	54.5
19/12/2021 08:35	62.2	48.0	62.5
19/12/2021 08:40	66.6	48.5	66.5
19/12/2021 08:45	58.8	47.0	61.5
19/12/2021 08:50	65.6	48.0	69.0
19/12/2021 08:55	58.3	49.0	56.5
19/12/2021 09:00	66.5	53.0	66.0
19/12/2021 09:05	64.9	48.5	67.0
19/12/2021 09:10	66.8	49.5	68.5
19/12/2021 09:15	56.5	47.5	53.5
19/12/2021 09:20	61.9	47.5	60.0
19/12/2021 09:25	65.0	46.5	58.5
19/12/2021 09:30	59.4	46.5	61.0
19/12/2021 09:35	66.1	48.0	67.5
19/12/2021 09:40	58.1	49.0	59.5
19/12/2021 09:45	57.9	49.0	62.0
19/12/2021 09:50	53.0	47.0	55.0
19/12/2021 09:55	60.3	47.0	62.0
19/12/2021 10:00	54.3	46.5	56.0
19/12/2021 10:05	57.2	46.0	58.0
19/12/2021 10:10	60.9	44.5	55.0
19/12/2021 10:15	56.2	45.0	54.5
19/12/2021 10:20	56.9	45.5	54.0
19/12/2021 10:25	58.9	45.0	60.0
19/12/2021 10:30	61.1	45.0	61.0
19/12/2021 10:35	53.7	44.5	52.5
19/12/2021 10:40	63.8	45.0	65.5
19/12/2021 10:45	65.7	44.0	60.0
19/12/2021 10:50	55.1	46.5	56.5
19/12/2021 10:55	52.5	45.5	52.5
19/12/2021 11:00	59.7	45.0	57.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
19/12/2021 11:05	62.6	46.0	63.5
19/12/2021 11:10	61.4	45.5	63.0
19/12/2021 11:15	58.7	46.5	58.5
19/12/2021 11:20	66.0	46.5	64.0
19/12/2021 11:25	56.7	45.5	59.0
19/12/2021 11:30	61.7	50.5	63.5
19/12/2021 11:35	63.8	45.0	62.0
19/12/2021 11:40	61.7	44.5	60.0
19/12/2021 11:45	55.7	45.0	53.0
19/12/2021 11:50	63.8	48.0	67.0
19/12/2021 11:55	61.4	47.5	64.5
19/12/2021 12:00	57.1	45.5	56.0
19/12/2021 12:05	64.2	46.0	63.5
19/12/2021 12:10	59.6	45.5	62.0
19/12/2021 12:15	59.6	46.5	64.0
19/12/2021 12:20	57.2	45.0	58.0
19/12/2021 12:25	57.8	45.5	60.5
19/12/2021 12:30	61.7	47.0	64.0
19/12/2021 12:35	62.6	47.5	65.0
19/12/2021 12:40	56.8	46.5	60.0
19/12/2021 12:45	60.8	46.5	65.5
19/12/2021 12:50	59.6	48.5	61.0
19/12/2021 12:55	58.5	45.5	57.5
19/12/2021 13:00	62.8	45.5	62.5
19/12/2021 13:05	60.4	46.0	63.5
19/12/2021 13:10	63.9	46.5	66.0
19/12/2021 13:15	61.2	47.5	63.5
19/12/2021 13:20	57.0	45.5	57.0
19/12/2021 13:25	57.0	46.0	60.0
19/12/2021 13:30	57.7	46.0	56.5
19/12/2021 13:35	62.8	46.0	65.5
19/12/2021 13:40	62.9	46.0	62.5
19/12/2021 13:45	61.9	45.5	63.5
19/12/2021 13:50	61.5	46.0	64.5
19/12/2021 13:55	61.3	46.0	61.5
19/12/2021 14:00	65.6	47.0	69.5
19/12/2021 14:05	59.6	46.0	61.5
19/12/2021 14:10	58.2	46.0	62.0
19/12/2021 14:15	60.1	46.0	60.5
19/12/2021 14:20	56.8	46.5	57.0
19/12/2021 14:25	69.5	46.0	65.5
19/12/2021 14:30	59.6	45.0	56.5
19/12/2021 14:35	60.8	47.5	61.5
19/12/2021 14:40	54.3	47.5	55.0
19/12/2021 14:45	62.6	47.0	63.5
19/12/2021 14:50	65.3	45.5	62.5
19/12/2021 14:55	62.8	48.0	64.0
19/12/2021 15:00	59.2	47.0	58.0
19/12/2021 15:05	58.0	48.5	62.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
19/12/2021 15:10	59.7	46.5	60.0
19/12/2021 15:15	59.3	44.5	55.0
19/12/2021 15:20	70.4	44.0	59.5
19/12/2021 15:25	57.7	45.0	60.0
19/12/2021 15:30	58.2	43.5	58.5
19/12/2021 15:35	49.0	44.0	50.0
19/12/2021 15:40	51.7	43.5	46.5
19/12/2021 15:45	44.6	43.5	45.5
19/12/2021 15:50	58.8	44.0	55.0
19/12/2021 15:55	45.5	44.0	46.5
19/12/2021 16:00	44.5	43.5	45.5
19/12/2021 16:05	56.8	44.0	56.0
19/12/2021 16:10	44.7	43.5	46.0
19/12/2021 16:15	61.8	44.0	53.5
19/12/2021 16:20	55.2	44.0	51.5
19/12/2021 16:25	60.5	44.5	61.0
19/12/2021 16:30	60.2	44.0	61.0
19/12/2021 16:35	58.3	43.5	55.5
19/12/2021 16:40	64.5	44.0	46.5
19/12/2021 16:45	55.1	43.5	49.0
19/12/2021 16:50	61.2	44.0	61.0
19/12/2021 16:55	57.6	44.0	57.5
19/12/2021 17:00	58.8	43.5	48.0
19/12/2021 17:05	56.7	44.0	56.0
19/12/2021 17:10	58.6	44.0	60.5
19/12/2021 17:15	57.7	44.5	54.5
19/12/2021 17:20	60.7	44.5	62.5
19/12/2021 17:25	59.7	44.0	58.5
19/12/2021 17:30	63.1	44.5	65.5
19/12/2021 17:35	63.4	43.5	60.5
19/12/2021 17:40	54.3	43.5	52.5
19/12/2021 17:45	45.2	43.5	46.0
19/12/2021 17:50	61.5	43.5	55.0
19/12/2021 17:55	65.4	43.5	60.0
19/12/2021 18:00	59.1	44.0	59.0
19/12/2021 18:05	55.2	43.5	54.0
19/12/2021 18:10	52.7	43.0	47.0
19/12/2021 18:15	66.5	44.0	59.5
19/12/2021 18:20	58.5	43.0	57.5
19/12/2021 18:25	62.0	43.5	65.5
19/12/2021 18:30	64.8	50.0	65.5
19/12/2021 18:35	60.1	46.0	59.5
19/12/2021 18:40	67.0	45.5	64.5
19/12/2021 18:45	57.3	44.0	58.5
19/12/2021 18:50	61.0	44.0	59.5
19/12/2021 18:55	59.6	44.0	54.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
20/12/2021 07:00	63.2	52.0	64.0
20/12/2021 07:30	66.9	48.5	64.5
20/12/2021 08:00	62.7	48.0	60.5
20/12/2021 08:30	64.6	48.0	65.0
20/12/2021 09:00	63.9	47.5	63.0
20/12/2021 09:30	62.4	50.5	60.5
20/12/2021 10:00	61.9	54.5	60.0
20/12/2021 10:30	63.5	52.5	63.0
20/12/2021 11:00			
20/12/2021 11:30			
20/12/2021 12:00			
20/12/2021 12:30			
20/12/2021 13:00	63.9	48.0	64.5
20/12/2021 13:30	66.1	47.5	66.0
20/12/2021 14:00	58.9	47.0	55.5
20/12/2021 14:30	61.0	47.0	58.5
20/12/2021 15:00	65.6	50.5	66.5
20/12/2021 15:30	68.7	53.0	68.5
20/12/2021 16:00	68.3	50.5	68.5
20/12/2021 16:30	62.1	48.5	62.5
20/12/2021 17:00	57.1	47.0	54.5
20/12/2021 17:30	60.2	46.5	54.5
20/12/2021 18:00			
20/12/2021 18:30			

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
21/12/2021 07:00	65.0	52.5	65.5
21/12/2021 07:30	66.4	53.0	69.5
21/12/2021 08:00	69.5	49.0	70.5
21/12/2021 08:30	64.3	48.0	64.5
21/12/2021 09:00			
21/12/2021 09:30			
21/12/2021 10:00			
21/12/2021 10:30			
21/12/2021 11:00			
21/12/2021 11:30			
21/12/2021 12:00	62.6	48.0	63.5
21/12/2021 12:30	63.0	47.5	62.5
21/12/2021 13:00	61.8	47.5	62.0
21/12/2021 13:30	66.7	48.0	67.0
21/12/2021 14:00	64.5	49.0	64.5
21/12/2021 14:30	63.5	48.0	65.0
21/12/2021 15:00	62.1	47.0	61.5
21/12/2021 15:30	62.2	47.0	60.5
21/12/2021 16:00	63.3	46.0	54.5
21/12/2021 16:30	53.6	45.5	49.0
21/12/2021 17:00	55.4	45.5	51.0
21/12/2021 17:30	55.9	46.0	49.5
21/12/2021 18:00	57.6	46.5	54.5
21/12/2021 18:30	55.4	46.0	53.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
22/12/2021 07:00	66.7	50.5	65.5
22/12/2021 07:30	65.0	54.0	67.0
22/12/2021 08:00	65.6	55.0	68.0
22/12/2021 08:30	63.0	54.0	64.5
22/12/2021 09:00	65.9	53.5	65.5
22/12/2021 09:30	62.3	49.5	62.0
22/12/2021 10:00	62.7	47.5	60.5
22/12/2021 10:30	65.9	57.0	62.5
22/12/2021 11:00	60.5	52.0	61.0
22/12/2021 11:30	61.7	54.0	62.0
22/12/2021 12:00	63.8	54.0	63.0
22/12/2021 12:30	65.6	53.0	66.0
22/12/2021 13:00	64.0	51.0	64.0
22/12/2021 13:30	61.7	47.5	61.0
22/12/2021 14:00	62.9	49.5	63.5
22/12/2021 14:30	61.0	47.0	58.5
22/12/2021 15:00	61.4	47.0	61.5
22/12/2021 15:30	58.4	46.5	58.0
22/12/2021 16:00	57.4	46.0	54.5
22/12/2021 16:30	59.1	45.5	59.0
22/12/2021 17:00	65.4	45.5	67.5
22/12/2021 17:30	58.4	45.0	57.5
22/12/2021 18:00	63.1	45.0	58.0
22/12/2021 18:30	58.6	45.0	55.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
23/12/2021 07:00	66.4	49.5	65.5
23/12/2021 07:30	63.7	48.5	63.5
23/12/2021 08:00	63.8	48.5	63.0
23/12/2021 08:30	64.1	49.5	67.0
23/12/2021 09:00	61.1	47.0	62.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
25/12/2021 07:00	67.1	44.5	73.5
25/12/2021 07:05	57.4	44.5	54.5
25/12/2021 07:10	64.6	46.0	66.5
25/12/2021 07:15	76.5	45.5	79.0
25/12/2021 07:20	66.7	44.5	58.5
25/12/2021 07:25	57.0	44.5	55.5
25/12/2021 07:30	59.7	45.5	57.0
25/12/2021 07:35	56.4	44.5	55.5
25/12/2021 07:40	64.4	45.0	62.0
25/12/2021 07:45	59.0	45.5	60.5
25/12/2021 07:50	56.1	45.5	58.5
25/12/2021 07:55	58.5	45.5	56.0
25/12/2021 08:00	64.0	47.0	64.5
25/12/2021 08:05	59.5	46.0	60.0
25/12/2021 08:10	60.6	46.0	61.5
25/12/2021 08:15	59.5	47.0	58.5
25/12/2021 08:20	63.0	47.0	61.5
25/12/2021 08:25	61.9	49.0	65.5
25/12/2021 08:30	68.4	47.5	68.5
25/12/2021 08:35	59.8	47.0	60.5
25/12/2021 08:40	67.8	49.0	65.5
25/12/2021 08:45	60.3	47.5	63.0
25/12/2021 08:50	67.7	53.5	70.0
25/12/2021 08:55	58.9	48.5	62.5
25/12/2021 09:00	65.1	53.5	68.5
25/12/2021 09:05	61.9	51.0	66.0
25/12/2021 09:10	62.4	51.5	64.5
25/12/2021 09:15	64.3	48.5	64.0
25/12/2021 09:20	63.8	51.0	65.0
25/12/2021 09:25	62.2	49.5	60.5
25/12/2021 09:30	59.0	46.5	57.5
25/12/2021 09:35	51.0	47.0	52.0
25/12/2021 09:40	67.9	47.0	64.0
25/12/2021 09:45	56.6	45.0	55.5
25/12/2021 09:50	52.3	44.0	51.0
25/12/2021 09:55	71.2	46.0	66.5
25/12/2021 10:00	62.5	43.5	58.5
25/12/2021 10:05	61.4	43.5	58.0
25/12/2021 10:10	61.7	43.0	53.0
25/12/2021 10:15	56.6	43.5	60.0
25/12/2021 10:20	72.5	61.0	70.0
25/12/2021 10:25	61.7	60.5	62.5
25/12/2021 10:30	62.0	60.0	62.5
25/12/2021 10:35	62.5	43.5	66.5
25/12/2021 10:40	57.0	43.5	55.5
25/12/2021 10:45	60.4	43.5	58.0
25/12/2021 10:50	58.6	43.5	59.5
25/12/2021 10:55	61.6	44.5	59.0
25/12/2021 11:00	62.9	44.5	62.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
25/12/2021 11:05	52.8	44.5	54.5
25/12/2021 11:10	57.9	43.5	55.0
25/12/2021 11:15	55.0	43.5	51.0
25/12/2021 11:20	63.0	45.0	62.5
25/12/2021 11:25	60.1	44.5	58.0
25/12/2021 11:30	63.7	46.5	60.5
25/12/2021 11:35	60.6	45.5	57.5
25/12/2021 11:40	56.2	44.5	55.5
25/12/2021 11:45	54.8	44.0	54.5
25/12/2021 11:50	59.8	44.0	61.0
25/12/2021 11:55	63.3	44.5	63.0
25/12/2021 12:00	61.3	44.0	58.5
25/12/2021 12:05	60.4	44.5	61.0
25/12/2021 12:10	66.2	44.0	63.5
25/12/2021 12:15	61.2	44.0	66.5
25/12/2021 12:20	69.1	44.5	69.0
25/12/2021 12:25	54.6	43.5	51.0
25/12/2021 12:30	62.3	45.0	66.0
25/12/2021 12:35	60.0	46.0	60.0
25/12/2021 12:40	56.2	46.0	54.0
25/12/2021 12:45	65.5	45.5	64.0
25/12/2021 12:50	55.7	47.0	57.5
25/12/2021 12:55	49.7	44.5	49.0
25/12/2021 13:00	50.2	44.5	51.0
25/12/2021 13:05	48.4	44.0	49.5
25/12/2021 13:10	58.8	43.5	57.5
25/12/2021 13:15	52.1	43.5	56.0
25/12/2021 13:20	58.9	44.5	57.5
25/12/2021 13:25	62.3	43.5	61.5
25/12/2021 13:30	56.7	44.0	54.5
25/12/2021 13:35	57.0	44.0	56.5
25/12/2021 13:40	53.7	44.5	49.5
25/12/2021 13:45	55.9	44.0	56.0
25/12/2021 13:50	59.4	44.0	57.5
25/12/2021 13:55	58.5	43.5	56.5
25/12/2021 14:00	55.2	43.5	58.0
25/12/2021 14:05	61.3	44.0	61.0
25/12/2021 14:10	60.3	43.5	55.5
25/12/2021 14:15	53.8	44.0	53.0
25/12/2021 14:20	55.2	44.0	57.5
25/12/2021 14:25	57.5	44.5	58.0
25/12/2021 14:30	61.6	44.5	63.0
25/12/2021 14:35	50.9	44.5	54.0
25/12/2021 14:40	60.4	44.0	60.5
25/12/2021 14:45	67.9	45.0	60.0
25/12/2021 14:50	66.5	45.0	63.0
25/12/2021 14:55	63.1	45.5	65.5
25/12/2021 15:00	63.5	47.0	65.0
25/12/2021 15:05	58.4	47.5	59.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
25/12/2021 15:10	54.5	47.5	55.5
25/12/2021 15:15	55.4	48.0	55.0
25/12/2021 15:20	58.7	46.5	59.0
25/12/2021 15:25	57.6	47.0	60.0
25/12/2021 15:30	59.7	47.5	63.5
25/12/2021 15:35	55.2	47.5	55.5
25/12/2021 15:40	54.7	45.5	53.0
25/12/2021 15:45	55.7	46.0	58.0
25/12/2021 15:50	63.1	47.5	58.5
25/12/2021 15:55	61.7	48.0	63.5
25/12/2021 16:00	58.5	46.5	59.0
25/12/2021 16:05	58.2	45.5	58.5
25/12/2021 16:10	59.7	45.0	60.0
25/12/2021 16:15	79.8	45.0	65.5
25/12/2021 16:20	61.1	47.0	63.5
25/12/2021 16:25	62.1	46.5	64.0
25/12/2021 16:30	60.7	46.5	63.0
25/12/2021 16:35	61.3	46.0	62.5
25/12/2021 16:40	60.8	44.5	62.5
25/12/2021 16:45	60.2	44.5	61.0
25/12/2021 16:50	54.8	45.0	55.5
25/12/2021 16:55	59.8	44.5	58.5
25/12/2021 17:00	56.7	45.0	56.5
25/12/2021 17:05	60.3	47.0	62.5
25/12/2021 17:10	57.0	45.5	59.0
25/12/2021 17:15	67.5	50.0	69.0
25/12/2021 17:20	60.1	46.5	61.5
25/12/2021 17:25	59.2	44.5	58.5
25/12/2021 17:30	58.7	51.5	58.5
25/12/2021 17:35	52.0	44.5	54.0
25/12/2021 17:40	56.6	45.0	56.5
25/12/2021 17:45	58.5	45.5	59.0
25/12/2021 17:50	56.6	46.0	56.0
25/12/2021 17:55	58.1	45.0	55.0
25/12/2021 18:00	59.7	45.5	60.0
25/12/2021 18:05	48.5	44.0	49.5
25/12/2021 18:10	61.6	44.5	59.0
25/12/2021 18:15	61.1	45.0	51.5
25/12/2021 18:20	57.4	46.0	56.5
25/12/2021 18:25	59.3	45.0	59.0
25/12/2021 18:30	60.0	45.0	54.0
25/12/2021 18:35	55.3	44.5	51.5
25/12/2021 18:40	53.1	45.5	52.5
25/12/2021 18:45	45.9	44.0	48.0
25/12/2021 18:50	56.9	45.5	52.5
25/12/2021 18:55	59.7	44.5	58.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
26/12/2021 07:00	48.4	45.0	50.0
26/12/2021 07:05	62.0	44.0	48.5
26/12/2021 07:10	49.4	44.5	50.0
26/12/2021 07:15	50.0	44.5	53.0
26/12/2021 07:20	59.4	44.5	56.5
26/12/2021 07:25	62.2	45.0	63.0
26/12/2021 07:30	50.6	44.5	51.0
26/12/2021 07:35	69.9	44.0	48.5
26/12/2021 07:40	59.0	44.0	54.0
26/12/2021 07:45	61.7	44.5	51.0
26/12/2021 07:50	55.3	45.0	49.0
26/12/2021 07:55	66.4	45.5	67.0
26/12/2021 08:00	62.0	50.0	60.5
26/12/2021 08:05	61.5	46.5	58.0
26/12/2021 08:10	61.3	46.0	56.0
26/12/2021 08:15	64.5	46.5	63.0
26/12/2021 08:20	62.7	47.0	61.5
26/12/2021 08:25	59.9	46.0	57.5
26/12/2021 08:30	64.9	45.5	60.0
26/12/2021 08:35	55.6	45.0	51.5
26/12/2021 08:40	60.6	46.5	60.0
26/12/2021 08:45	54.8	45.0	50.5
26/12/2021 08:50	56.2	45.5	54.5
26/12/2021 08:55	47.2	45.5	48.5
26/12/2021 09:00	55.8	45.5	52.0
26/12/2021 09:05	58.9	46.5	56.5
26/12/2021 09:10	61.3	47.0	55.0
26/12/2021 09:15	59.6	47.0	57.5
26/12/2021 09:20	66.5	48.0	66.5
26/12/2021 09:25	62.8	46.0	63.0
26/12/2021 09:30	55.2	47.0	54.0
26/12/2021 09:35	54.8	46.0	50.0
26/12/2021 09:40	60.7	47.0	58.5
26/12/2021 09:45	59.4	46.5	60.5
26/12/2021 09:50	48.3	46.5	50.0
26/12/2021 09:55	55.1	46.5	52.5
26/12/2021 10:00	61.2	47.5	56.5
26/12/2021 10:05	54.2	47.0	49.5
26/12/2021 10:10	54.8	47.0	57.0
26/12/2021 10:15	54.1	47.5	55.0
26/12/2021 10:20	68.2	51.0	71.0
26/12/2021 10:25	64.3	45.5	68.5
26/12/2021 10:30	62.8	46.0	63.5
26/12/2021 10:35	63.1	47.0	57.0
26/12/2021 10:40	59.1	49.0	60.0
26/12/2021 10:45	62.1	48.5	59.5
26/12/2021 10:50	59.4	47.0	58.0
26/12/2021 10:55	64.1	46.5	65.0
26/12/2021 11:00	60.4	46.0	61.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
26/12/2021 11:05	63.0	46.0	60.5
26/12/2021 11:10	53.6	45.5	53.5
26/12/2021 11:15	66.7	46.5	66.5
26/12/2021 11:20	50.5	45.0	52.5
26/12/2021 11:25	66.9	45.0	60.5
26/12/2021 11:30	48.5	45.0	50.0
26/12/2021 11:35	64.6	47.5	65.0
26/12/2021 11:40	60.6	45.0	58.0
26/12/2021 11:45	58.2	45.0	57.0
26/12/2021 11:50	45.4	44.5	46.5
26/12/2021 11:55	54.5	44.5	54.5
26/12/2021 12:00	57.2	45.0	54.5
26/12/2021 12:05	46.8	44.5	47.5
26/12/2021 12:10	54.9	45.0	56.0
26/12/2021 12:15	54.4	44.5	57.0
26/12/2021 12:20	55.8	44.5	57.5
26/12/2021 12:25	60.9	45.0	61.5
26/12/2021 12:30	58.4	44.5	60.0
26/12/2021 12:35	52.1	44.5	51.5
26/12/2021 12:40	51.7	46.0	55.0
26/12/2021 12:45	55.2	46.0	53.5
26/12/2021 12:50	55.5	46.0	54.0
26/12/2021 12:55	55.7	46.0	58.0
26/12/2021 13:00	55.3	47.0	56.5
26/12/2021 13:05	50.9	46.5	53.0
26/12/2021 13:10	55.9	46.0	55.5
26/12/2021 13:15	49.0	46.0	51.5
26/12/2021 13:20	53.6	46.0	53.0
26/12/2021 13:25	61.3	46.0	62.0
26/12/2021 13:30	55.5	45.0	54.0
26/12/2021 13:35	56.4	45.5	59.0
26/12/2021 13:40	60.1	44.0	61.0
26/12/2021 13:45	61.4	44.5	63.5
26/12/2021 13:50	59.2	43.5	58.5
26/12/2021 13:55	60.5	44.0	60.0
26/12/2021 14:00	61.2	43.5	59.0
26/12/2021 14:05	63.6	44.5	63.5
26/12/2021 14:10	54.3	44.5	53.5
26/12/2021 14:15	55.1	43.5	53.0
26/12/2021 14:20	55.6	44.0	57.5
26/12/2021 14:25	58.7	45.0	60.5
26/12/2021 14:30	55.8	43.5	53.0
26/12/2021 14:35	59.6	43.5	59.5
26/12/2021 14:40	63.2	43.0	62.5
26/12/2021 14:45	60.5	42.5	63.0
26/12/2021 14:50	65.9	47.0	66.5
26/12/2021 14:55	61.6	47.0	63.0
26/12/2021 15:00	63.1	44.5	65.0
26/12/2021 15:05	58.6	44.5	59.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
26/12/2021 15:10	61.8	44.0	59.5
26/12/2021 15:15	60.7	45.0	60.0
26/12/2021 15:20	55.6	44.5	57.0
26/12/2021 15:25	56.4	45.0	55.5
26/12/2021 15:30	59.0	44.5	58.5
26/12/2021 15:35	59.7	45.0	57.0
26/12/2021 15:40	60.5	46.0	59.0
26/12/2021 15:45	62.2	46.5	63.5
26/12/2021 15:50	57.2	49.0	54.5
26/12/2021 15:55	58.0	49.0	59.5
26/12/2021 16:00			
26/12/2021 16:05			
26/12/2021 16:10			
26/12/2021 16:15			
26/12/2021 16:20			
26/12/2021 16:25			
26/12/2021 16:30			
26/12/2021 16:35			
26/12/2021 16:40			
26/12/2021 16:45			
26/12/2021 16:50			
26/12/2021 16:55			
26/12/2021 17:00			
26/12/2021 17:05			
26/12/2021 17:10			
26/12/2021 17:15			
26/12/2021 17:20			
26/12/2021 17:25			
26/12/2021 17:30			
26/12/2021 17:35			
26/12/2021 17:40			
26/12/2021 17:45			
26/12/2021 17:50			
26/12/2021 17:55			
26/12/2021 18:00			
26/12/2021 18:05			
26/12/2021 18:10			
26/12/2021 18:15			
26/12/2021 18:20			
26/12/2021 18:25			
26/12/2021 18:30			
26/12/2021 18:35			
26/12/2021 18:40			
26/12/2021 18:45			
26/12/2021 18:50			
26/12/2021 18:55			

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
27/12/2021 07:00	64.1	44.0	58.0
27/12/2021 07:05	63.7	44.5	63.0
27/12/2021 07:10	70.5	45.0	67.5
27/12/2021 07:15	68.7	44.0	65.5
27/12/2021 07:20	63.6	44.0	58.5
27/12/2021 07:25	70.8	45.0	68.0
27/12/2021 07:30	64.6	45.5	61.0
27/12/2021 07:35	63.9	45.0	58.5
27/12/2021 07:40	71.4	45.5	69.5
27/12/2021 07:45	65.8	45.5	62.5
27/12/2021 07:50	65.7	44.5	61.0
27/12/2021 07:55	64.3	45.5	59.0
27/12/2021 08:00	60.7	47.0	61.5
27/12/2021 08:05	71.6	49.0	70.0
27/12/2021 08:10	60.9	46.0	62.0
27/12/2021 08:15	62.4	46.0	63.0
27/12/2021 08:20	61.2	45.5	62.0
27/12/2021 08:25	59.7	46.0	55.5
27/12/2021 08:30	62.5	46.0	63.5
27/12/2021 08:35	59.5	46.0	56.5
27/12/2021 08:40	53.2	45.5	51.0
27/12/2021 08:45	54.8	46.5	56.5
27/12/2021 08:50	63.9	47.0	60.5
27/12/2021 08:55	58.4	46.5	60.0
27/12/2021 09:00	61.3	47.0	62.5
27/12/2021 09:05	63.0	52.0	66.0
27/12/2021 09:10	66.6	49.0	66.5
27/12/2021 09:15	56.6	48.0	59.0
27/12/2021 09:20	54.2	46.5	55.0
27/12/2021 09:25	61.6	46.5	59.5
27/12/2021 09:30	55.3	47.5	54.0
27/12/2021 09:35	66.3	47.5	64.0
27/12/2021 09:40	58.2	47.5	59.0
27/12/2021 09:45	63.1	50.0	62.5
27/12/2021 09:50	61.4	53.5	61.0
27/12/2021 09:55	60.0	54.5	60.5
27/12/2021 10:00	63.1	53.0	64.5
27/12/2021 10:05	58.0	47.5	61.5
27/12/2021 10:10	64.0	47.5	61.5
27/12/2021 10:15	58.8	46.5	59.0
27/12/2021 10:20	59.3	48.5	58.5
27/12/2021 10:25	56.0	45.5	57.0
27/12/2021 10:30	53.4	46.5	51.0
27/12/2021 10:35	53.0	46.5	54.0
27/12/2021 10:40	63.2	48.5	65.0
27/12/2021 10:45	72.3	63.0	71.0
27/12/2021 10:50	60.2	50.5	63.5
27/12/2021 10:55	61.4	50.5	63.0
27/12/2021 11:00			

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
27/12/2021 11:05			
27/12/2021 11:10			
27/12/2021 11:15			
27/12/2021 11:20			
27/12/2021 11:25			
27/12/2021 11:30			
27/12/2021 11:35			
27/12/2021 11:40			
27/12/2021 11:45			
27/12/2021 11:50			
27/12/2021 11:55			
27/12/2021 12:00	51.5	44.0	49.5
27/12/2021 12:05	61.6	44.0	60.0
27/12/2021 12:10	57.1	43.5	57.0
27/12/2021 12:15	63.7	44.0	62.5
27/12/2021 12:20	58.7	44.0	60.0
27/12/2021 12:25	55.7	44.5	54.0
27/12/2021 12:30	62.1	45.0	62.0
27/12/2021 12:35	65.0	45.5	66.0
27/12/2021 12:40	55.3	45.5	56.5
27/12/2021 12:45	61.4	45.0	65.5
27/12/2021 12:50	65.0	45.5	62.0
27/12/2021 12:55	59.8	46.0	60.0
27/12/2021 13:00	55.4	48.5	57.0
27/12/2021 13:05	57.9	48.5	55.0
27/12/2021 13:10	59.8	49.0	57.0
27/12/2021 13:15	62.6	48.5	56.5
27/12/2021 13:20	58.7	49.5	60.5
27/12/2021 13:25	62.0	49.5	57.0
27/12/2021 13:30	58.0	50.0	57.5
27/12/2021 13:35	57.0	49.5	57.5
27/12/2021 13:40	59.1	47.0	61.5
27/12/2021 13:45	58.5	46.5	59.0
27/12/2021 13:50	58.0	46.0	57.0
27/12/2021 13:55	56.6	46.5	59.0
27/12/2021 14:00	58.7	45.5	61.0
27/12/2021 14:05	64.3	46.0	62.5
27/12/2021 14:10	58.2	47.0	59.5
27/12/2021 14:15	60.0	46.5	61.0
27/12/2021 14:20	58.2	47.5	59.5
27/12/2021 14:25	58.4	46.0	57.5
27/12/2021 14:30	59.1	45.5	60.0
27/12/2021 14:35	60.7	45.0	56.0
27/12/2021 14:40	46.8	44.5	48.5
27/12/2021 14:45	57.3	45.0	56.0
27/12/2021 14:50	57.6	44.5	54.0
27/12/2021 14:55	58.7	44.5	60.0
27/12/2021 15:00	60.4	45.0	59.5
27/12/2021 15:05	51.3	44.5	50.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
27/12/2021 15:10	59.9	44.5	51.5
27/12/2021 15:15	60.3	46.0	62.5
27/12/2021 15:20	62.5	44.5	59.5
27/12/2021 15:25	61.1	44.0	62.5
27/12/2021 15:30	57.3	45.5	58.5
27/12/2021 15:35	70.1	44.5	65.5
27/12/2021 15:40	56.3	46.0	57.5
27/12/2021 15:45	46.4	44.5	47.5
27/12/2021 15:50	60.0	45.0	59.5
27/12/2021 15:55	57.7	44.5	54.5
27/12/2021 16:00	62.9	45.0	65.0
27/12/2021 16:05	57.9	45.0	58.0
27/12/2021 16:10	61.6	45.0	60.5
27/12/2021 16:15	66.1	48.5	67.5
27/12/2021 16:20	62.3	48.0	64.5
27/12/2021 16:25	60.3	46.5	58.5
27/12/2021 16:30	62.1	45.5	60.5
27/12/2021 16:35	56.3	45.5	56.5
27/12/2021 16:40	57.1	46.0	58.5
27/12/2021 16:45	57.7	45.0	53.5
27/12/2021 16:50	56.0	45.5	56.5
27/12/2021 16:55	55.4	46.0	57.0
27/12/2021 17:00	57.8	45.0	59.0
27/12/2021 17:05	59.7	44.5	59.5
27/12/2021 17:10	63.8	45.0	64.0
27/12/2021 17:15	58.5	45.0	59.5
27/12/2021 17:20	56.1	44.5	55.5
27/12/2021 17:25	59.9	45.0	58.5
27/12/2021 17:30	56.0	44.5	58.5
27/12/2021 17:35	59.2	44.5	61.0
27/12/2021 17:40	57.5	44.5	56.5
27/12/2021 17:45	61.7	44.0	60.0
27/12/2021 17:50	58.8	43.5	55.5
27/12/2021 17:55	58.4	44.0	58.5
27/12/2021 18:00	59.3	44.5	56.5
27/12/2021 18:05	57.2	44.0	57.5
27/12/2021 18:10	61.1	44.5	62.5
27/12/2021 18:15	53.0	45.0	52.5
27/12/2021 18:20	62.4	44.5	60.5
27/12/2021 18:25	58.4	45.0	49.0
27/12/2021 18:30	56.7	45.0	56.5
27/12/2021 18:35	59.8	44.5	59.5
27/12/2021 18:40	58.7	45.0	48.5
27/12/2021 18:45	54.2	44.5	48.5
27/12/2021 18:50	60.9	44.5	58.5
27/12/2021 18:55	51.6	44.0	50.0

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
28/12/2021 07:00	56.6	45.5	56.0
28/12/2021 07:30	56.8	45.0	61.0
28/12/2021 08:00	63.9	48.0	66.0
28/12/2021 08:30	52.7	45.5	53.0
28/12/2021 09:00	58.5	43.0	58.5
28/12/2021 09:30	57.0	42.5	56.5
28/12/2021 10:00	54.1	42.5	53.5
28/12/2021 10:30	57.4	42.5	60.0
28/12/2021 11:00	56.9	41.5	61.0
28/12/2021 11:30	54.9	41.5	56.5
28/12/2021 12:00	55.2	40.5	57.0
28/12/2021 12:30	55.4	40.0	50.5
28/12/2021 13:00	57.2	40.5	56.0
28/12/2021 13:30	56.7	39.0	55.0
28/12/2021 14:00	51.8	38.5	46.0
28/12/2021 14:30	51.3	38.0	50.0
28/12/2021 15:00	53.7	38.0	49.0
28/12/2021 15:30	51.0	37.5	44.5
28/12/2021 16:00	50.9	37.5	46.5
28/12/2021 16:30	52.9	37.0	47.5
28/12/2021 17:00	51.5	37.0	49.0
28/12/2021 17:30	49.8	35.0	43.5
28/12/2021 18:00	49.0	35.0	45.5
28/12/2021 18:30	48.7	35.0	49.0

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
29/12/2021 07:00	57.6	45.0	58.0
29/12/2021 07:30	57.9	45.5	60.0
29/12/2021 08:00	56.2	44.0	57.5
29/12/2021 08:30	57.1	44.0	56.5
29/12/2021 09:00	55.9	43.0	54.5
29/12/2021 09:30	57.2	43.5	59.0
29/12/2021 10:00	57.2	44.5	55.0
29/12/2021 10:30	57.8	50.0	59.0
29/12/2021 11:00	57.9	50.0	60.0
29/12/2021 11:30	62.6	46.5	59.5
29/12/2021 12:00	60.1	45.5	60.5
29/12/2021 12:30	58.0	45.5	61.0
29/12/2021 13:00	57.2	45.5	59.0
29/12/2021 13:30	59.2	44.0	60.5
29/12/2021 14:00	58.3	43.5	59.5
29/12/2021 14:30	56.5	44.0	57.5
29/12/2021 15:00	58.4	43.0	58.5
29/12/2021 15:30	57.1	42.5	59.5
29/12/2021 16:00	59.6	43.0	61.5
29/12/2021 16:30	55.2	41.5	55.0
29/12/2021 17:00	54.0	40.5	55.0
29/12/2021 17:30	56.1	40.5	48.5
29/12/2021 18:00	53.1	40.0	52.5
29/12/2021 18:30	51.3	41.5	48.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
30/12/2021 07:00	60.4	42.5	62.0
30/12/2021 07:30	63.9	43.5	64.0
30/12/2021 08:00	57.6	43.0	61.5
30/12/2021 08:30	54.8	43.0	55.0
30/12/2021 09:00	58.2	43.5	61.5
30/12/2021 09:30	55.9	45.0	56.5
30/12/2021 10:00	57.8	47.0	59.5
30/12/2021 10:30	55.8	44.5	58.5
30/12/2021 11:00	57.8	43.0	59.0
30/12/2021 11:30	58.1	43.0	59.0
30/12/2021 12:00	58.3	41.5	51.5
30/12/2021 12:30	53.4	41.0	48.5
30/12/2021 13:00	59.8	41.0	61.5
30/12/2021 13:30	55.2	39.5	53.0
30/12/2021 14:00	55.1	39.5	57.5
30/12/2021 14:30	53.4	39.5	51.0
30/12/2021 15:00	53.3	39.5	49.0
30/12/2021 15:30	53.8	39.5	52.0
30/12/2021 16:00	53.6	39.0	50.0
30/12/2021 16:30	52.6	39.5	50.0
30/12/2021 17:00	52.8	38.0	44.5
30/12/2021 17:30	53.5	37.5	50.5
30/12/2021 18:00	52.0	37.0	46.0
30/12/2021 18:30	43.5	36.0	40.5

Remarks: The adverse weather time periods are filled in black.

Date & Start Time	Leq	L90	L10
	dB(A)		
31/12/2021 07:00	65.2	41.5	64.5
31/12/2021 07:30	56.6	40.5	55.0
31/12/2021 08:00	58.7	44.5	60.5
31/12/2021 08:30	60.9	45.0	55.5
31/12/2021 09:00	54.9	44.5	53.0
31/12/2021 09:30	56.0	44.0	54.0
31/12/2021 10:00	55.9	44.5	54.0
31/12/2021 10:30	56.3	44.5	54.5
31/12/2021 11:00	54.8	39.0	49.0
31/12/2021 11:30	55.4	38.0	48.0
31/12/2021 12:00	65.8	44.5	65.5
31/12/2021 12:30	70.0	45.5	68.0
31/12/2021 13:00	62.0	46.0	61.5
31/12/2021 13:30	62.4	46.5	61.5
31/12/2021 14:00	60.5	47.5	61.5
31/12/2021 14:30	62.3	47.5	61.0
31/12/2021 15:00	62.7	47.5	62.5
31/12/2021 15:30	57.9	47.0	58.5
31/12/2021 16:00	57.6	47.0	56.5
31/12/2021 16:30	59.0	45.5	55.5
31/12/2021 17:00	62.3	45.5	60.5
31/12/2021 17:30	63.5	45.5	61.0
31/12/2021 18:00	58.3	45.0	56.0
31/12/2021 18:30	54.9	44.0	50.5

Remarks: The adverse weather time periods are filled in black.

Noise Monitoring Results

Monitoring Location : CN_M2 In front of the HKBTS Administration and Education Block

Date & Start Time	Leq	L90	L10
	dB(A)		
1/1/2022 07:00	61.7	49.0	59.5
1/1/2022 07:05	66.3	48.5	67.5
1/1/2022 07:10	66.0	48.0	60.5
1/1/2022 07:15	59.8	48.5	57.0
1/1/2022 07:20	62.4	59.0	64.0
1/1/2022 07:25	62.8	48.5	60.0
1/1/2022 07:30	61.3	48.5	62.0
1/1/2022 07:35	61.2	48.0	61.5
1/1/2022 07:40	60.2	51.0	63.0
1/1/2022 07:45	63.1	53.5	66.0
1/1/2022 07:50	59.4	52.0	61.0
1/1/2022 07:55	69.5	49.5	72.0
1/1/2022 08:00	63.7	47.5	67.5
1/1/2022 08:05	56.0	47.0	56.0
1/1/2022 08:10	59.8	47.5	62.0
1/1/2022 08:15	55.0	47.5	55.0
1/1/2022 08:20	62.7	47.0	65.0
1/1/2022 08:25	62.7	47.0	63.5
1/1/2022 08:30	59.9	46.5	61.5
1/1/2022 08:35	66.0	47.0	62.0
1/1/2022 08:40	58.3	47.5	58.5
1/1/2022 08:45	60.9	47.5	60.5
1/1/2022 08:50	61.2	47.5	62.0
1/1/2022 08:55	60.6	47.5	59.5
1/1/2022 09:00	68.0	47.0	57.0
1/1/2022 09:05	59.3	47.5	59.0
1/1/2022 09:10	55.3	47.5	56.5
1/1/2022 09:15	56.5	47.5	58.5
1/1/2022 09:20	55.9	46.5	48.5
1/1/2022 09:25	57.9	47.0	58.5

Remarks: The adverse weather time periods are filled in black.

Appendix J

Event and Action Plan for Noise

Event and Action Plan for Noise (Construction Noise)

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

Appendix K

Construction Programme

Construction Programme with milestones of environmental protection / mitigation activities annotated (as per S.12.3.1.2(iv) of the approved EM&A Manual)

Item	Description of Construction Activity	2022				2023				2024				Implementation Schedule of the Proposed Mitigation Measures (Section 13 and Tables 13.1, 13.2, 13.3, 13.4 and 13.8 of the approved EIA Report) ^(Note a, b and c)				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Air	Noise	Water	Waste	Landscape & Visual
1	Site Clearance and Preparation (including Tree Felling)													√	√	√	√	√
2	Excavation and Lateral Support (ELS)													√	√	√	√	√
3	Bulk Excavation													√	√	√	√	√
4	Steel Fixing and Concreting of Structure													√	√	√	√	√
5	Backfilling													√	√	√	√	√
6	E&M Installations & Pipeworks													√	√	√	√	√
7	Finishing and Landscape Works													√	√	√	√	√

Note:-

a) Reference is also made to Construction Noise Mitigation Plan (CNMP) for details of noise mitigation activities.

b) Reference is also made to Landscape and Visual Mitigation Plan (L&VMP) for details of L&V mitigation activities.

c) All felled trees will be regarded as yard waste and delivered to EPD Y.Park at Tsang Tsui. Registration as member of Y.Park is completed to facilitate the use of recycling service.