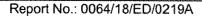
FUGRO TECHNICAL SERVICES LIMITED Tel : +852 2450 8233 Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong. Fax

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MONTHLY EM&A REPORT

December 2018

Client	:	Civil Engineering and Development Department, HKSAR
Contract No.	:	NDO 03/2018
Contract Name	•:	Road Widening and Retrofitting Noise Barriers on Tai Po Road (Sha Tin Section)
Report No.	:	0064/18/ED/0219A

Prepared by	:	Sang Y. S. Wu	
Reviewed by	:	Cyrus C. Y. Lai	
Certified by	:	Ru	

Tony W. L. Wong **Environmental Team Leader** Fugro Technical Services Limited

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Acuity Sustainability Consulting Limited – Nature & Technologies (HK) Limited Joint Venture



Our ref: ASCL-2018010

Unit 1501, Level 15, Tower I, Metroplaza, 223 Hing Fong Road, Kwai Fong, N.T., Hong Kong.

Attention: Miss FUNG Cannifer

14 January 2019

Dear Miss Fung,

NE/2017/05

Road Widening and Retrofitting Noise Barriers on Tai Po Road (Sha Tin Section) Monthly EM&A Report December 2018

I refer to the email of ET dated 14 January 2019 regarding to the captioned Monthly EM&A Report with report No. 0064/18/ED0219A, we have no further comment on it and verify this monthly report according to section 1.9 of the Environmental Permit with Permit No. EP-463/2013/B

Yours faithfully,

Ri

Li Wai Ming Kevin Independent Environmental Checker

cc. CRE – Mr. YU Albert (by email only: albert.yu@aecom.com) ET Leader – Mr. WONG Tony (by email only: @fugro)

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Date 14 January 2019 Our Ref. MCL/ED/0022/2019/C

Civil Engineering and Development Department Unit 1501, Level 15, Tower I Metroplaza, 223 Hing Fong Road Kwai Fong, New Territories, Hong Kong

BY MAIL & E-MAIL

Attn: Ms. FUNG Man Ki, Cannifer

Dear Ms. Fung,

Contract No. NE/2017/05 Road Widening and Retrofitting Noise Barriers on Tai Po Road (Sha Tin Section)

Environmental Permit: EP-463/2013B Submission of Monthly EM&A Report (0064/18/ED/0219A)

Pursuant to EP-463/2013/B Condition 3.4, we hereby submit three hardcopies and two e-copy of the monthly EM&A Report (0064/18/ED/0219A) for your retention. This monthly EM&A Report has been certified by ETL and verified by IEC accordingly.

Thank you for your attention, should there be any comments or queries, please contact our Environmental Team Leader Tony Wong at 3565-4443 or the undersigned at 3565-4441.

Yours faithfully, for and on behalf of FUGRO TECHNICAL SERVICES LIMITED

Calvin Leung Deputy Environmental Team Leader

c.c. EPD AECOM IEC Attn: Mr. Ms. Eva Lau Attn: Mr. Albert Yu Attn: Mr. Kevin Li / Mr. Tandy Tse

Encl.





TABLE OF CONTENTS

EXE	CUTIVE SUMMARY	I
1.	INTRODUCTION	1
2.	AIR QUALITY	5
3.	NOISE	9
4.	LANDSCAPE AND VISUAL	14
5.	WASTE MANAGEMENT	15
6.	SITE INSPECTION	16
7.	ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE	17
8.	IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES	18
9.	FUTURE KEY ISSUES	19
10.	CONCLUSIONS	20

FIGURES

Figure 1	Project General Layout
Figure 2	Air and Noise Monitoring Locations

LIST OF APPENDICES

Appendix A	Construction Programme
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- Appendix B Project Organization Chart
- Appendix C Action and Limit Levels for Air Quality and Noise
- Appendix D Calibration Certificates of Monitoring Equipment
- Appendix E Environmental Monitoring Schedules
- Appendix F Air Quality Monitoring Data
- Appendix G Noise Monitoring Data
- Appendix H Event Action Plans
- Appendix I Waste Flow Table
- Appendix J Environmental Mitigation Implementation Schedule (EMIS)
- Appendix K Weather and Meteorological Conditions during Reporting Month
- Appendix L Cumulative statistics on Environmental Complaints, Notifications of Summons and Successful Prosecutions
- Appendix M Summary of Site Audit in the Reporting Month



EXECUTIVE SUMMARY

- i. The Civil Engineering and Development Department HKSAR has appointed Fugro Technical Services Limited (FTS) to undertake the Environmental Team services for the Project and implement the EM&A works.
- ii. This Monthly EM&A report presents the environmental monitoring and audit works for the period between 29 November 2018 and 31 December 2018. As informed by the Contractor, major activities in the reporting month were:
 - Site clearance, utilities detection, trail pit by hand digging and implementation of temporary traffic arrangement at Zone 1 and Zone 2;
 - Site clearance, utilities detection and trail pit by hand digging at Zone 3, Zone 4 and Zone 5; and
 - · General cleaning and tidying at storage area at Shui Chong Street.

Breaches of the Action and Limit Levels

iii. No Action / Limit Level exceedance was recorded for 24-hr and 1-hr TSP and construction noise at the site area in the reporting month.

Complaint, Notification of Summons and Successful Prosecution

iv. No environmental complaint, notification of summons and successful prosecution were received in the reporting month.

Reporting Changes

v. There was no reporting change in the reporting month.

Future Key Issues

vi. The key issues to be considered in the coming reporting month include:

Potential environmental impacts arising from the above construction activities are mainly associated with construction dust, construction noise, water quality, waste management and landscape and visual impact.



1. INTRODUCTION

1.1 Background

- 1.1.1 Contract No. NE/2017/05 Road Widening and Retrofitting Noise Barriers on Tai Po Road (Sha Tin Section) (TPR-ST) (hereafter referred as "the Contract"), is the Works Contract involved the construction of road widening and retrofitting noise barriers on TPR-ST.
- 1.1.2 The Works of road widening on TPR-ST is classified as a designated project (DP) under the Part I of Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499). The scale and scope of DP is classified as below:
 - Widening and reconstruction of an approximate 1.2 km long of the existing Tai Po Road (Sha Tin Section) from dual 2-lane to dual 3-lane carriageway; and improvement of the existing Sha Tin Rural Committee Road and its junctions.
- 1.1.3 The Environmental Monitoring and Audit (EM&A) programme under this Contract is governed by the Environmental Permit (EP) (EP No: EP-463/2013/B) and the updated EM&A Manual (Reference No.: 0064/18/ED/0122D). The Works to be executed under this Contract and corresponding EPs include but not be limited to the following main items:
 - (i) Road widening works of TPR-ST:
 - (a) widening of TPR-ST of about 1.1 kilometres between Sha Tin Rural Committee Road (STRCR) and Fo Tan Road from dual two-lane to dual three-lane;
 - (b) modification to the existing diamond interchange at TPR-ST / STRCR (STRCR Interchange);
 - (c) provision of two pedestrian lifts, re-provision of staircase and cycle track ramp at the modified STRCR Interchange;
 - (d) modification of existing cycle track subway no. NS30 near Sha Tin Plaza;
 - (e) modification of the existing footbridge no. NF40 across TPR-ST near Wo Che Street;
 - (f) modification of the existing footbridge no. NF66 near Fung Wo Lane;
 - (g) installation of noise mitigation measures between Citylink Plaza and Mei Wo House of Wo Che Estate;
 - (h) associated drainage works, waterworks, street lighting works and traffic control and surveillance system (TCSS).
 - (ii) Retrofitting of noise barriers along TPR-ST:
 - (a) western section between Citylink Plaza and Scenery Court;
 - (b) eastern section between Mei Wo House of Wo Che Estate and Fo Tan Road; and



(c) associated drainage works, waterworks and street lighting works.

- (iii) Associated street furniture, road marking, traffic signs, directional signs, services and utilities, and
- (iv) Associated landscaping works.
- 1.1.4 The location and boundary of the site is shown in **Figure 1**.
- 1.1.5 This Monthly EM&A report is required under EP-463/2013/B Condition 3.4. It is to report the results and findings of the EM&A programme required in the updated EM&A Manual.
- 1.1.6 This is the first monthly EM&A Report which summarized the impact monitoring results and audit findings for the construction of the road widening and retrofitting noise barriers on Tai Po Road (Sha Tin Section) (TPR-ST) (hereafter referred as "the Project") within the period between 29 November 2018 and 31 December 2018.

1.2 **Project Organization**

- 1.2.1 The project proponent was the Civil Engineering and Development Department, HKSAR (CEDD). AECOM Asia Co. Ltd. (AECOM) was commissioned by CEDD as the Engineer for the Project. Acuity Sustainability Consulting Limited Nature & Technologies (HK) Limited Joint Venture was commissioned as the Independent Environmental Checker (IEC). China railway China Railway First Group Zhen Hua Engineering Joint Venture (CCZJV) was appointed as the main contractor for the construction works under the contract NE/2017/05. Fugro Technical Services Limited (FTS) was appointed as the Environmental Team (ET) by CEDD to implement the EM&A programme for the Project.
- 1.2.2 The organization structure is shown in **Appendix B**. The key personnel contact names and numbers for the Project are summarized in **Table 1.1**.

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Party	Position	Name	Telephone
Project Proponent (CEDD)	Senior Engineer	Mr. Andrew Cheung	3152 3500
Engineer's Representative (AECOM)	Chief Resident Engineer	Mr. Albert Yu	2276 0618
IEC (Acuity Sustainability Consulting Limited – Nature & Technologies (HK) Limited Joint Venture)	Independent Environmental Checker	Mr. Kevin Li	9779 2247
Main Contractor (CCZJV)	Site Agent	Mr. Alvin Chan	9800 9494
	Environmental Officer	Ms. Kimberly Wong	5542 1669
ET (FTS)	Environmental Team Leader	Mr. Tony Wong	3565 4443

Table 1.1 Contact Information of Key Personnel

1.3 Construction Programme and Activities

- 1.3.1 The construction of the Project commenced on 29 November 2018 and is expected to complete in 2023. The construction programme is shown in **Appendix A**.
- 1.3.2 A summary of the major construction activities undertaken in the reporting month were:
 - Site clearance, utilities detection, trail pit by hand digging and implementation of temporary traffic arrangement at Zone 1 and Zone 2;
 - Site clearance, utilities detection and trail pit by hand digging at Zone 3, Zone 4 and Zone
 5; and
 - · General cleaning and tidying at storage area at Shui Chong Street.

1.4 Status of Environmental Licences, Notifications and Permits

1.4.1 A summary of the relevant environmental licenses, permits and/or notifications on environmental protection for this Contract is presented in **Table 1.2**.

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Table 1.2 Relevant Environmental Licenses, Permits and/or Notifications

Environmental License / Permit / Notification	Reference Number	Valid From	Valid Till
Environmental Permit for whole project	EP-463/2013/B	20/12/2016	Nil
Receipt of the notification of construction dust production	Form NA	27/7/2018	Nil
Construction Waste Disposal Account	7031619	17/8/2018	Nil
Chemical Waste Producer Registration	5318-758-C4314-01	6/11/2018	Nil
Effluent Discharge License (Zone 1 – Zone 5)	WT00032446-2018	9/11/2018	30/11/2023
Construction Noise Permit for Road Closure works at restricted hours	GW-RN0783-18	29/12/2018	28/2/2019

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2. AIR QUALITY

2.1 Monitoring Requirement

In accordance with the updated EM&A Manuals, 24-hour & 1-hour Total Suspended Particulates (TSP) level at the designated air quality monitoring station are required. Impact 24-hour and 1-hour TSP monitoring should be carried out at least once every 6 days. The Action and Limit Levels of the air quality monitoring are given in **Appendix C**.

2.2 Monitoring Equipment

The 24-hour and 1-hour TSP air quality monitoring was performed using High Volume Air Samplers (HVS) and portable TSP Monitors located at each of the designated monitoring station respectively.

 Table 2.1 and 2.2 summarizes the equipment used in air quality monitoring.

Item	Location	Brand	Model	Equipment	Serial Number
1	AMS 2	*Sibata	Model LD-5R	Sibata Portable TSP Monitors	882146
2	AMS 3A	*Sibata	Model LD-5R	Sibata Portable TSP Monitors	882147
3	AMS 7A	Tisch	TE-5025A (TSP)	High Volume Sampler	438320
4	AMS 9	Tisch	TE-5025A (TSP)	High Volume Sampler	438320

Table 2.1 24-hour TSP Monitoring Equipment

*Notes: As electricity supply is not available and accessible for the High Volume Samplers (HVS) at AMS2 and AMS3A, portable Laser Particle Photometer Monitors will be utilized for 24-hour TSP monitoring instead of High Volume samplers (HVS). The correlation between HVS and the portable Laser Particle Photometer Monitors are presented in Appendix D.

Table 2.2 1-hour TSP Monitoring Equipment

Item	Location	Brand	Model	Equipment	Serial Number
1	AMS 2	Sibata	Model LD-5R	Sibata Portable TSP Monitors	882146
2	AMS 3A	Sibata	Model LD-5R	Sibata Portable TSP Monitors	882147
3	AMS 7A	Sibata	Model LD-5R	Sibata Portable TSP Monitors	882148
4	AMS 9	Sibata	Model LD-5R	Sibata Portable TSP Monitors	882149

2.3 Monitoring Methodology

2.3.1 24-hour TSP air quality monitoring by High Volume Air Samplers (HVS)

HVS Installation

The following guidelines were adopted during the installation of HVS:

- Sufficient support is provided to secure the samplers against gusty wind.
- No two samplers are placed less than 2 meters apart.
- The distance between the sampler and an obstacle, such as buildings, is at least twice the height that the obstacle protrudes above the sampler.
- A minimum of 2 meters of separation from walls, parapets and penthouses is required for rooftop samples.



- A minimum of 2 meters separation from any supporting structure, measured horizontally is required.
- No furnaces or incineration flues are nearby.
- Airflow around the samplers is unrestricted.
- The samplers are more than 20 meters from the drip line.
- Any wire fence and gate, to protect the sampler, should not cause any obstruction during monitoring.

Filters Preparation

Fiberglass filters (provided by the HOKLAS accredited laboratory) shall be used (Note: these filters have a collection efficiency of larger than 99% for particles of 0.3 μ m diameter). A HOKLAS accredited laboratory (ALS Technichem (HK) Pty Ltd./Fugro Technical Services Limited) is responsible for the preparation of 24-hr conditioned and pre-weighed filter papers for monitoring team.

All filters are equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature is around 25°C and not variable by more than \pm 3°C; the relative humidity (RH) is < 50% and not variable by more than \pm 5%. A convenient working RH is 40%.

Operating / Analytical Procedures

Operating / analytical procedures for the air quality monitoring are highlighted as follows:

- Prior to the commencement of the dust sampling, the flow rate of the HVS are properly set (between 0.6 m³/min and 1.7 m³/min) in accordance with the EM&A manual. The flow rate shall be indicated on the flow rate chart.
- The power supply shall be checked to ensure the samplers worked properly.
- On sampling, the samplers shall be operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air quality monitoring station.
- The filter holding frame is then removed by loosening the four nuts and carefully a weighted and conditioned filter is centered with the stamped number upwards, on a supporting screen.
- The filter shall be aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame is tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.
- The shelter lid shall be closed and secured with the aluminum strip.
- The timer is then programmed. Information shall be recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).
- After sampling, the filter shall be removed and sent to laboratory for weighing. The elapsed time is also recorded.
- Before weighing, all filters are equilibrated in a conditioning environment for 24 hours. The conditioning environment temperature should be between 25°C and 30°C and not vary by more than ±3°C; the relative humidity (RH) should be < 50% and not vary by more than ±5%. A convenient working RH is 40%. Weighing results are returned to MCL for further analysis of TSP concentrations collected by each filter.
- 2.3.2 24-hour TSP air quality monitoring by portable Laser Particle Photometer Monitors

Operating / Analytical Procedures



The measuring procedures of the 24-hr dust meter are in accordance with the Manufacturer's instruction Manual as follows:

- Pull up the air sampling inlet cover
- Change the Mode 0 to BG once
- Push Start/Stop switch once
- Turn the knob to SENSI.ADJ and press it
- Push Start/Stop switch once
- Return the knob to the position MEASURE slowly
- Push the timer set switch to set measuring time
- Remove the cap and make a measurement

Calculation of the value of 24-hr TSP concentration is given by the average of 24 calculated 1hr TSP concentration, where the calculated 1-hr TSP concentration is given by the product of the direct reading and the K-factor based on the correlation results between the direct reading meter and high volume sampler.

2.3.3 1-hour TSP air quality monitoring

Operating / Analytical Procedures

The measuring procedures of the 1-hr dust meter are in accordance with the Manufacturer's instruction Manual as follows:

- Pull up the air sampling inlet cover
- Change the Mode 0 to BG once
- Push Start/Stop switch once
- Turn the knob to SENSI.ADJ and press it
- Push Start/Stop switch once
- Return the knob to the position MEASURE slowly
- Push the timer set switch to set measuring time
- Remove the cap and make a measurement

2.4 Maintenance / Calibration

2.4.1 24-hour TSP air quality monitoring

The following maintenance / calibration are required for the HVS:

- The high volume motors and their accessories are properly maintained. Appropriate maintenance such as routine motor brushes replacement and electrical wiring checking are made to ensure that the equipments and necessary power supply are in good working condition.
- All HVS shall be calibrated (five point calibration) using Calibration Kit upon installation and thereafter in every 3 months.
- A copy of the calibration certificates for the HVS and calibrator are provided in Appendix D.
- 2.4.2 1-hour TSP air quality monitoring

The portable TSP monitor should be calibrated at 1 year intervals



2.5 Monitoring Locations

2.5.1 The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works. According to the Hong Kong Observatory, wind directions in December 2018 were east, north and north east. The most updated locations are summarized in **Table 2.3** and shown in **Figure 2**.

Table 2.5 Elecation of All adainty Monitoring Station					
Monitoring Station	Location	Land uses			
AMS 2	Villa Le Parc	Residential			
AMS 3A	Wai Wah Centre	Residential			
AMS 7A	Sheung Wo Che	Residential			
AMS 9	Shatin Tsung Tsin School	School			

 Table 2.3
 Location of Air Quality Monitoring Station

2.6 Results and Observations

- 2.6.1 The schedule of air quality monitoring in reporting month is provided in **Appendix E**.
- 2.6.2 No Action / Limit Level exceedance was recorded for 24-hr and 1-hr TSP at AMS 2, 3A, 7A and 9 in the reporting month.
- 2.6.3 During the reporting month, major dust sources including trial pits excavation was observed in the site. Other factors such as road traffic along Tai Po Road may affect the monitoring results.
- 2.6.4 The weather conditions during the monitoring are provided in **Appendix K**.
- 2.6.5 The monitoring data of 24-hr and 1-hr TSP are summarized in **Table 2.4 and 2.5**. Detailed monitoring data are presented in **Appendix F**.

Table 2.4	Summary of 24-hr TSP Monitoring Results					
Parameter	Monitoring Station	Average (µg/m³)	Range (µg/ m³)	Action Level (µg/ m ³)	Limit Level (µg/ m ³)	
24-hr TSP in µg/m³	AMS 2	51	23 – 78	166	260	
	AMS 3A	66	49 – 95	200		
	AMS 7A	43	25 – 77	171		
	AMS 9	31	23 – 44	159		

Table 2.4Summary of 24-hr TSP Monitoring Results

Table 2.5

Summary of 1-hr TSP Monitoring Result	s
---------------------------------------	---

Parameter	Monitoring Station	Average (µg/m³)	Range (μg/ m³)	Action Level (µg/ m ³)	Limit Level (µg/ m ³)
	AMS 2	58	11 – 130	324	
1-hr TSP	AMS 3A	71	39 – 132	350	500
in µg/m³	AMS 7A	61	17 – 106	344	
	AMS 9	52	24 – 98	327	

2.6.6 The Event and Action Plan for air quality is given in **Appendix H**.

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3. NOISE

3.1 Monitoring Requirement

3.1.1 In accordance with the updated EM&A Manuals, Leq (30min) monitoring is conducted for at least once a week during the construction phase between 0700 and 1900 on normal weekdays at the designated monitoring locations.

3.2 Monitoring Equipment

- 3.2.1 The sound level meter used in noise monitoring will comply with the International Electrotechnical Commission Publication 651:1979 (Type 1) and 804:1985 (Type 1) specifications as referred to in the Technical Memorandum issued under the Noise Control Ordinance (NCO).
- 3.2.2 Sound level calibrator will be used for the on-site calibration of the meter. This calibrator complies with the IEC Publication 942 (1988) Class 1 and ANSI S1.40 1984. Noise measurements were only accepted to be valid if the calibration levels from before and after the measurement agree to within 1.0dB.
- 3.2.3 Measurements shall be recorded to the nearest 0.1dB. Sound level meters are programmed to measure A-weighted equivalent continuous sound pressure level at 30-minute intervals between 0700 and 1900 on normal weekdays at least once a week when construction activities are underway.

Table 3.1 summarizes the noise monitoring equipment model being used for this project.

Item	Brand	Model	Equipment	Serial Number
1	Casella	CEL-63X Series	Integrating Sound Level Meter	1057034
2	Casella	CEL-63X Series	Integrating Sound Level Meter	1488270
3	Casella	CEL-63X Series	Integrating Sound Level Meter	1488271
4	Casella	CEL-63X Series	Integrating Sound Level Meter	1488289
5	Casella	CEL-120 Series	Calibrator	4358250
6	Casella	CEL-120 Series	Calibrator	4358289
7	Casella	CEL-120 Series	Calibrator	5230736
8	Casella	CEL-120 Series	Calibrator	5230742

Table 3.1 Noise Monitoring Equipment

3.3 Monitoring Parameters and Frequency

Table 3.2 presents the noise monitoring parameters and frequencies.

Table 3.2 Monitoring Parameters and Frequencies of Noise Monitoring

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

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3.4 Monitoring Methodology

- 3.4.1 The monitoring procedures are as follows:
 - The monitoring station is 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 is checked to ensure good functioning of the meter.
 - Parameters such as frequency weighting, the time weighting and the measurement time are set as follows:
 - frequency weighting : A
 - time weighting : Fast
 - measurement time : Weekly 30 minutes between 0700-1900 on normal weekdays
 - 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 be considered invalid and repeat of noise measurement is required after re-calibration or repair of the equipment.
 - Noise monitoring should be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s.
 - Noise measurement should be paused during periods of high intrusive noise if possible and observation shall be recorded when intrusive noise is not avoided.
 - At the end of the monitoring period, the Leq, L10 and L90 are recorded. In addition, site conditions and noise sources are recorded on a standard record sheet.

3.5 Maintenance / Calibration

- 3.5.1 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**.

3.6 Monitoring Locations

3.6.1 According to the updated EM&A Manual, 25 noise monitoring locations were included during the noise monitoring. The monitoring locations are summarized in **Table 3.3** and shown in **Figure 2**.

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Table 3.3 Location of Noise Monitoring Station				
Monitoring Station	Location	Land Uses	Type of Measurement	
NMS1	Scenery Court	Residential	Façade	
NMS2	Villa Le Parc	Residential	Façade	
NMS3	Hilton Plaza	Residential	Façade	
NMS4	Tin Liu	Residential Village	Façade	
NMS5A	Wai Wah Centre	Residential	Façade	
NMS6A	Wai Wah Centre	Residential	Façade	
NMS7	Tin Liu	Residential Village	Façade	
NMS8	Shatin Plaza	Residential	Façade	
NMS9	Lek Yuen Estate	Residential	Façade	
NMS10A	Shatin Tsung Tsin School	School	Façade	
NMS11	Sheung Wo Che	Residential Village	Façade	
NMS12	SKH Holy Spirit Primary School	School	Façade	
NMS13	Lek Yuen Estate	Residential	Façade	
NMS14	Sheung Wo Che	Residential Village	Façade	
NMS15	Ha Wo Che	Residential Village	Façade	
NMS16	Ha Wo Che	Residential Village	Façade	
NMS17	Shatin Pui Ying College	School	Façade	
NMS18	Ha Wo Che	Residential Village	Façade	
NMS19	Wo Che Estate	Residential	Façade	
NMS20	Wo Che Estate	Residential	Façade	
NMS23	Pai Tau	Residential Village	Façade	
NMS24	Shatin Plaza	Residential	Façade	
NMS25A	Sheung Wo Che	Residential Village	Façade	
NMS26	Wo Che Estate	Residential	Façade	
NMS27	Jockey Club Ti-l College	School	Façade	

Table 3.3 Location of Noise Monitoring Station

3.7 Results and Observations

- 3.7.1 The schedule of noise monitoring in reporting month is provided in **Appendix E**.
- 3.7.2 The exam schedules of the schools are provided in **Appendix E**.
- 3.7.3 During the monitoring month, road traffic along Tai Po Road was observed which may affect the monitoring results.
- 3.7.4 No raining and wind with speed over 5 m/s was observed during noise monitoring according to the onsite observation. The weather conditions during the monitoring month are provided in **Appendix K**.
- 3.7.5 The noise monitoring data are summarized in **Table 3.4**. Detailed monitoring data are presented in **Appendix G**.

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Table 3.4 Summary of Noise Impact Monitoring Results				
Monitoring Station	Leq _(30min) Range, dB(A)	Leq _(30min) Limit Level,		
	Construction Noise Level	dB(A)		
NMS1	61.5 – 69.7	75		
NMS2	55.0 – 61.0	75		
NMS3	64.7 – 68.0	75		
NMS4	61.0 - 66.0	75		
NMS5A	71.1 – 75.0	75		
NMS6A	71.5 – 74.1	75		
NMS7	63.8 – 74.1	75		
NMS8	65.0 – 73.0	75		
NMS9	61.7 – 63.3	75		
NMS10A	58.8 – 65.7	70*		
NMS11	60.2 - 71.1	75		
NMS12	58.0 - 66.9	70*		
NMS13	59.0 - 64.7	75		
NMS14	63.1 – 70.9	75		
NMS15	61.6 – 68.1	75		
NMS16	61.2 - 66.7	75		
NMS17	62.0 - 69.0	70*		
NMS18	57.7 – 69.6	75		
NMS19	63.7 – 72.1	75		
NMS20	58.7 – 69.7	75		
NMS23	63.9 – 71.0	75		
NMS24	63.0 – 65.9	75		
NMS25A	65.3 – 73.6	75		
NMS26	68.2 – 74.4	75		
NMS27	64.6 - 69.9	70*		

Table 3.4 Summary of Noise Impact Monitoring Results

Note: 1. Leq (30min) was measured at day-time (0700-1900) on normal weekdays.
 2. 70 dB(A) for schools and 65 dB(A) for schools during examination period. Exam schedules of NMS 10A, NMS12, NMS 17 and NMS 27 are provided in Appendix E for reference.

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- 3.7.6 No Action / Limit Level exceedance of construction noise was recorded at all noise monitoring locations in the reporting month.
- 3.7.7 The Action and Limit Levels for noise impact monitoring have been set and are presented in **Appendix C**.
- 3.7.8 The Event and Action Plan for noise is given in **Appendix H**.

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4. LANDSCAPE AND VISUAL

4.1 Audit Requirements

- 4.1.1 In accordance with the EM&A Manual, the landscape and visual mitigation measures during the construction phase are primarily due to those associated temporary works for the construction of retrofitting noise barriers/enclosures. To ensure compliance with the intended aims of the measures, weekly site inspections are undertaken throughout the construction period.
- 4.1.2 According to the updated EM&A Manual, measures to mitigate landscape and visual impacts during construction should be checked to ensure compliance with the intended aims of the measures. The progress of the engineering works shall be regularly reviewed onsite to identify the earliest practical opportunities for the landscape works to be undertaken. The ET shall report on the Contractor's compliance on a weekly basis.

4.2 Results and Observations

- 4.2.1 Site audits were carried out to monitor and audit the implementation of landscape and visual mitigation measures. The summary of the site audits are given in **Appendix M.**
- 4.2.2 No non-compliance of the landscape and visual impact was recorded in the reporting month.



5. WASTE MANAGEMENT

5.1 Audit Requirements

- 5.1.1 The effective management of waste arising during the construction phase will be monitored through the site audit programme. Regular audits and site inspections should be carried out to ensure that the recommended good site practices and other mitigation measures are implemented by the Contractor.
- 5.1.2 The audit should look at all aspects of on-site waste management practices including the waste generation, storage, recycling, transport and disposal. The aims of waste audit are:
 - to ensure the waste arising from the works are handled, stored, collected, transferred and disposed of in an environmentally acceptable manner;
 - verify the implementation status and evaluate the effectiveness of the mitigation measures; and
 - to encourage the reuse and recycling of material.

5.2 Results and Observations

- 5.2.1 C&D materials and wastes sorting were carried out on site. Receptacles were available for C&D wastes and general refuse collection.
- 5.2.2 The amount of wastes generated by the site activities in the reporting month is shown in **Appendix I**.



6. SITE INSPECTION

6.1 Site Inspection

- 6.1.1 Site inspections were carried out weekly to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. A summary of the mitigation measures implementation schedule is provided in **Appendix J**.
- 6.1.2 In the reporting month, five site inspections were carried out on 30 November, 7, 10, 20 and 28 December 2018. One of them, held on 7 December 2018 was the joint inspections with the IEC, ER, the Contractor and the ET.
- 6.1.3 No outstanding issues were reported during the reporting month. Details of observations recorded during the site inspections are summarized in **Appendix M**.
- 6.1.4 All the follow-up actions requested by ET and IEC during the site inspections were completed as reported by the Contractor and confirmed in the following weekly site inspection conducted during the reporting month.



7. ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE

7.1 Environmental Exceedance

7.1.1 No Action / Limit Level exceedance was recorded for 24-hr TSP, 1-hr TSP and construction noise at all monitoring locations in the reporting month.

7.2 Complaints, Notification of Summons and Prosecution

- 7.2.1 No environmental complaint, notification of summons and successful prosecution were received in the reporting month.
- 7.2.2 Cumulative complaint log, summaries of complaints, notification of summons and successful prosecutions are presented in **Appendix L.**



8. IMPLEMENTATION STATUS OF ENVIRONMENTAL MITIGATION MEASURES

8.1 Implementation Status

- 8.1.1 The Contractor has implemented environmental mitigation measures and requirements as stated in the EIA Review Report, the EP and the updated EM&A Manuals. The implementation status of the mitigation measures during the reporting month is summarized in **Appendix J**.
- 8.1.2 According to the environmental audit performed in the reporting month, the following recommendations were made:

Air Quality Impact

• No specific observation was identified in the reporting month.

Construction Noise Impact

• No specific observation was identified in the reporting month.

Water Quality Impact

• No specific observation was identified in the reporting month.

Chemical and Waste Management

• Contractor was reminded to clear the waste materials frequently.

Land Contamination

• No specific observation was identified in the reporting month.

Landscape and Visual Impact

• No specific observation was identified in the reporting month.

General Condition

• No specific observation was identified in the reporting month.

Permit / Licenses

• CNP (GW-RN0783-18) was issued in the reporting month.

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9. FUTURE KEY ISSUES

Hong Kong.

9.1 Construction Programme for the Next Month

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During the coming reporting month, the principal work activities within the site includes:

- Tree felling, utilities detection, trail pit, ground investigation and implementation of temporary traffic arrangement at Zone 1 and Zone 3;
- Utilities Detection, trail pit and implementation of temporary traffic arrangement at Zone 2;
- Tree felling, utilities detection, trail pit and implementation of temporary traffic arrangement at Zone 4;
- Utilities detection and trail pit at Zone 5; and
- Containers office setup, general cleaning and tidying at storage area at Shui Chong Street.

9.2 Key Issues for the Coming Month

9.2.1 Potential environmental impacts arising from the above construction activities are mainly associated with construction dust, construction noise, water quality, waste management and landscape and visual impact.

9.3 Monitoring Schedules for the Next Month

9.3.1 The tentative schedules for environmental monitoring in the coming month are provided in **Appendix E**.



10. CONCLUSIONS

- 10.1.1 24-hour and 1-hour TSP impact monitoring and construction noise monitoring were carried out in the reporting month, no Action / Limit Level exceedance was recorded during the period.
- 10.1.2 Four environmental site inspections were carried out in the reporting month. Recommendations on mitigation measures on air quality, chemical and waste management and landscape and visual impact were given to the Contractor for remediating the deficiencies identified during the site inspections.
- 10.1.3 Referring to the Contractor's information, no environmental complaint, notification of summons and successful prosecution was received in the reporting month.

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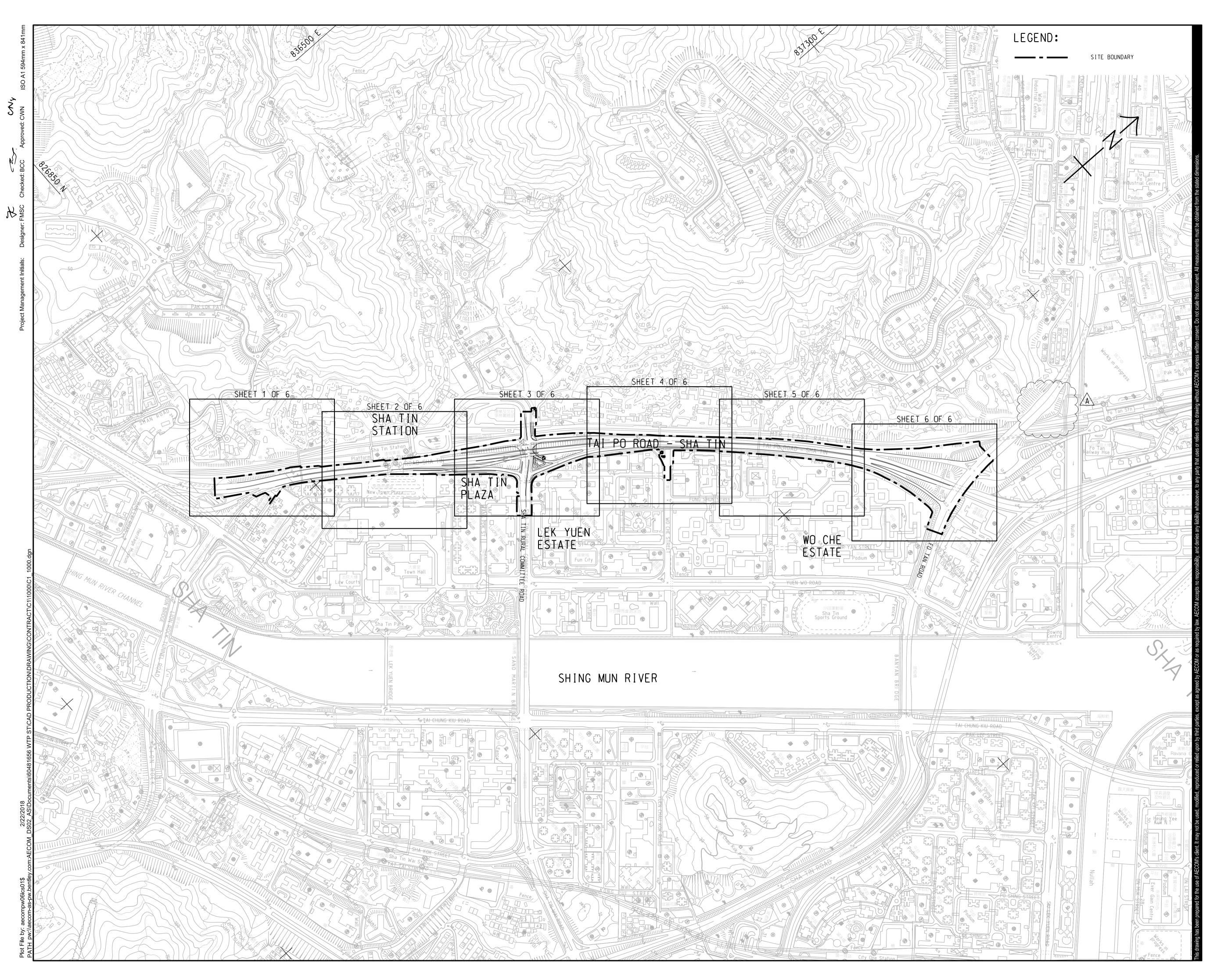
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Figure 1

Project General Layout

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ROAD WIDENING AND RETROFITTING NOISE BARRIERS ON TAI PO ROAD (SHA TIN SECTION)

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### **STATUS** 階段

SCALE ^{比例}	DIMENSION UNIT 尺寸單位
A1 1 : 4000	METRES
<b>KEY PLAN</b> 索引圖	FIGURE 1.1a

### CONTRACT NO. _{合約編號}

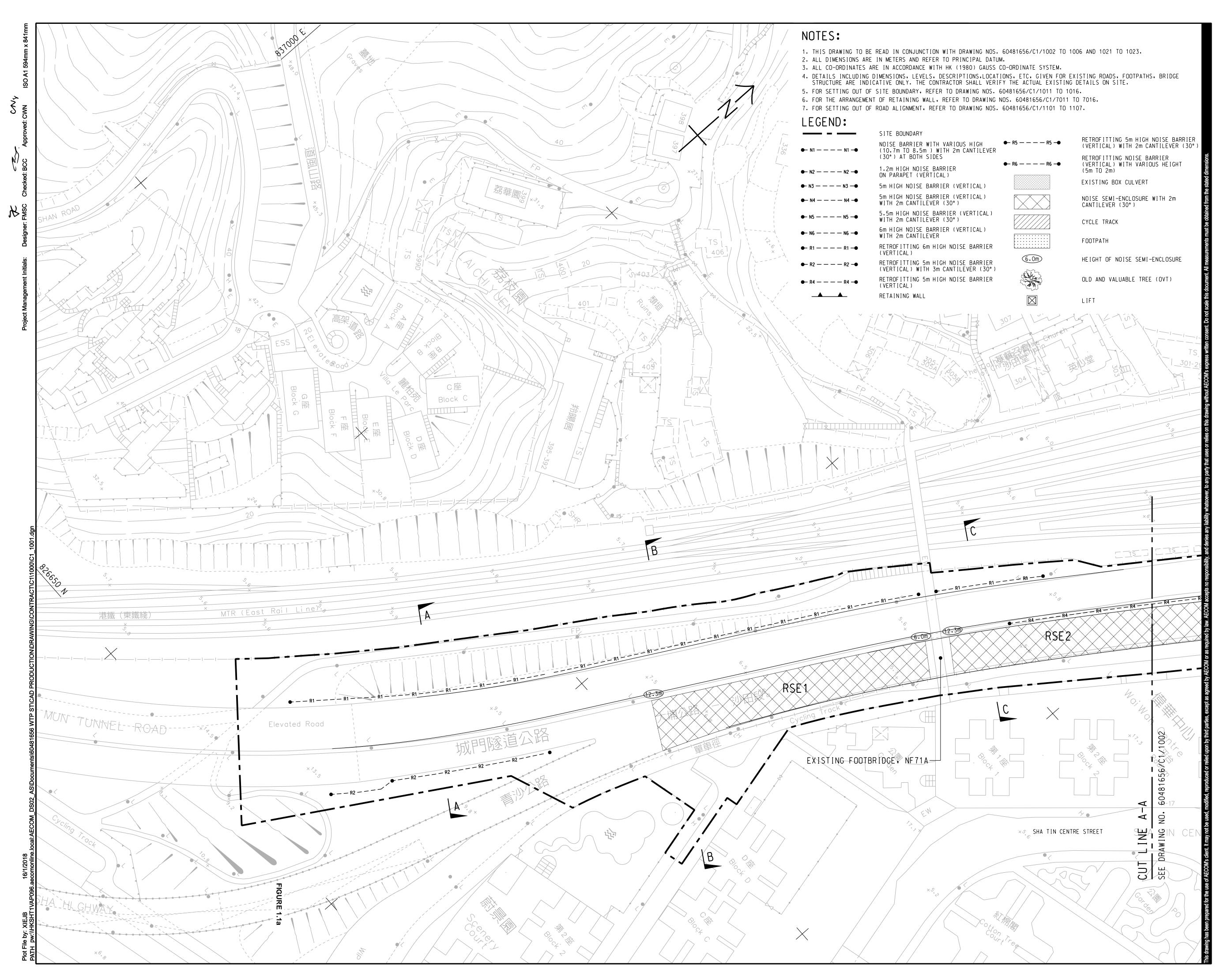
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SHEET TITLE ^{圖紙名稱}

KEY PLAN FIGURE 1.1a

## SHEET NUMBER 圖紙編號

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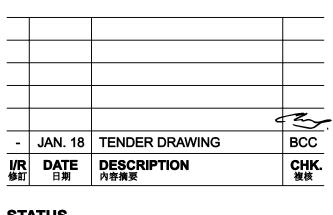
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### STATUS _{階段}

# SCALE ^{比例}

### DIMENSION UNIT _{尺寸單位}

A1 1 : 500

METRES

**KEY PLAN** A1 1 : 40000 家引圖 PEI TAL VILLAGE

### CONTRACT NO. ^{合約編號}

60481656

SHEET TITLE 圖紙名稱

GENERAL LAYOUT PLAN

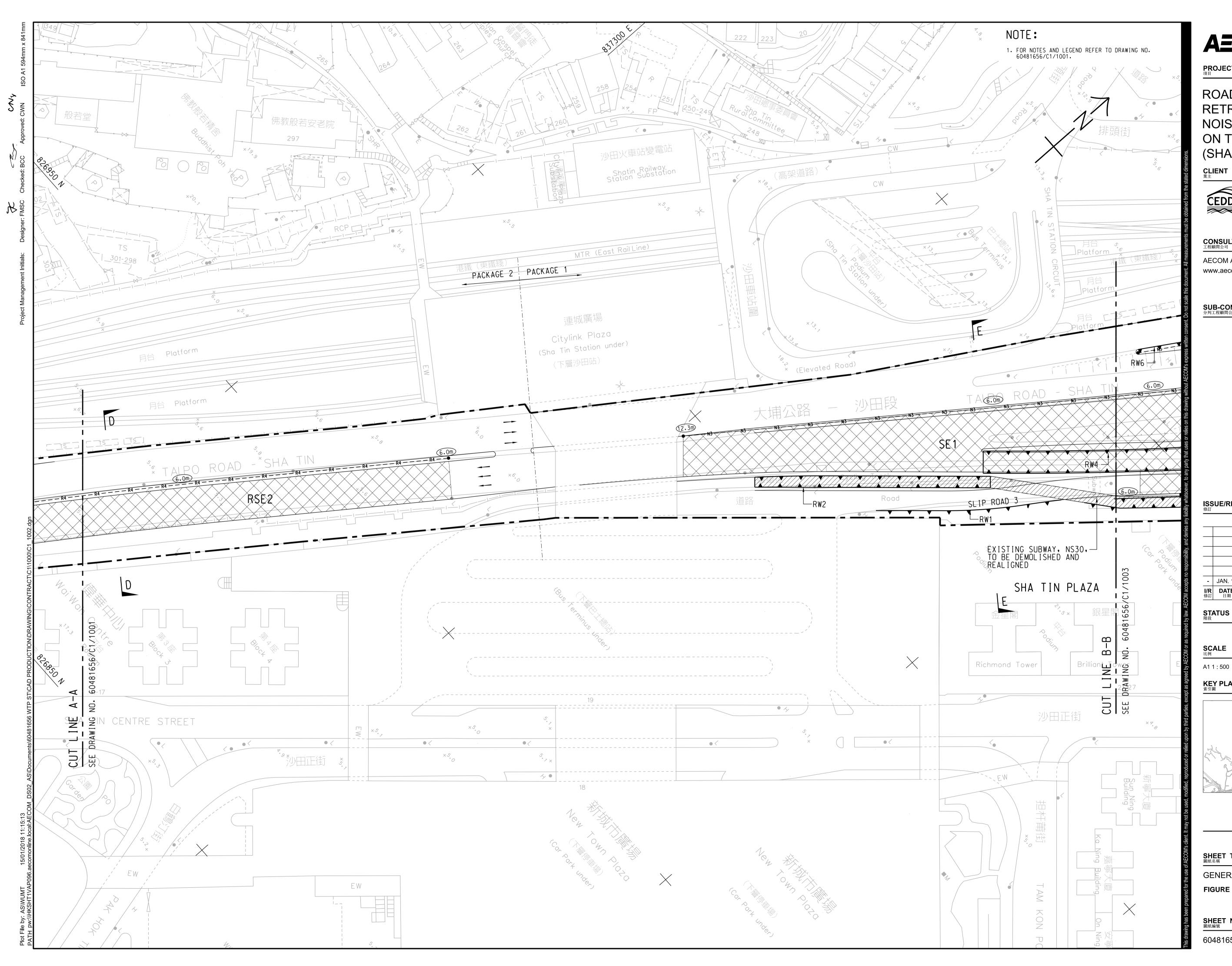
### FIGURE 1.1 b

# SHEET NUMBER ^{圖紙編號}

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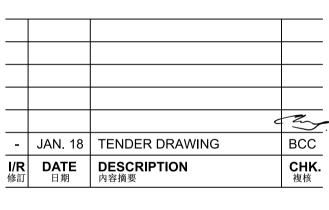
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# SCALE 比例

### DIMENSION UNIT ^{尺寸單位}

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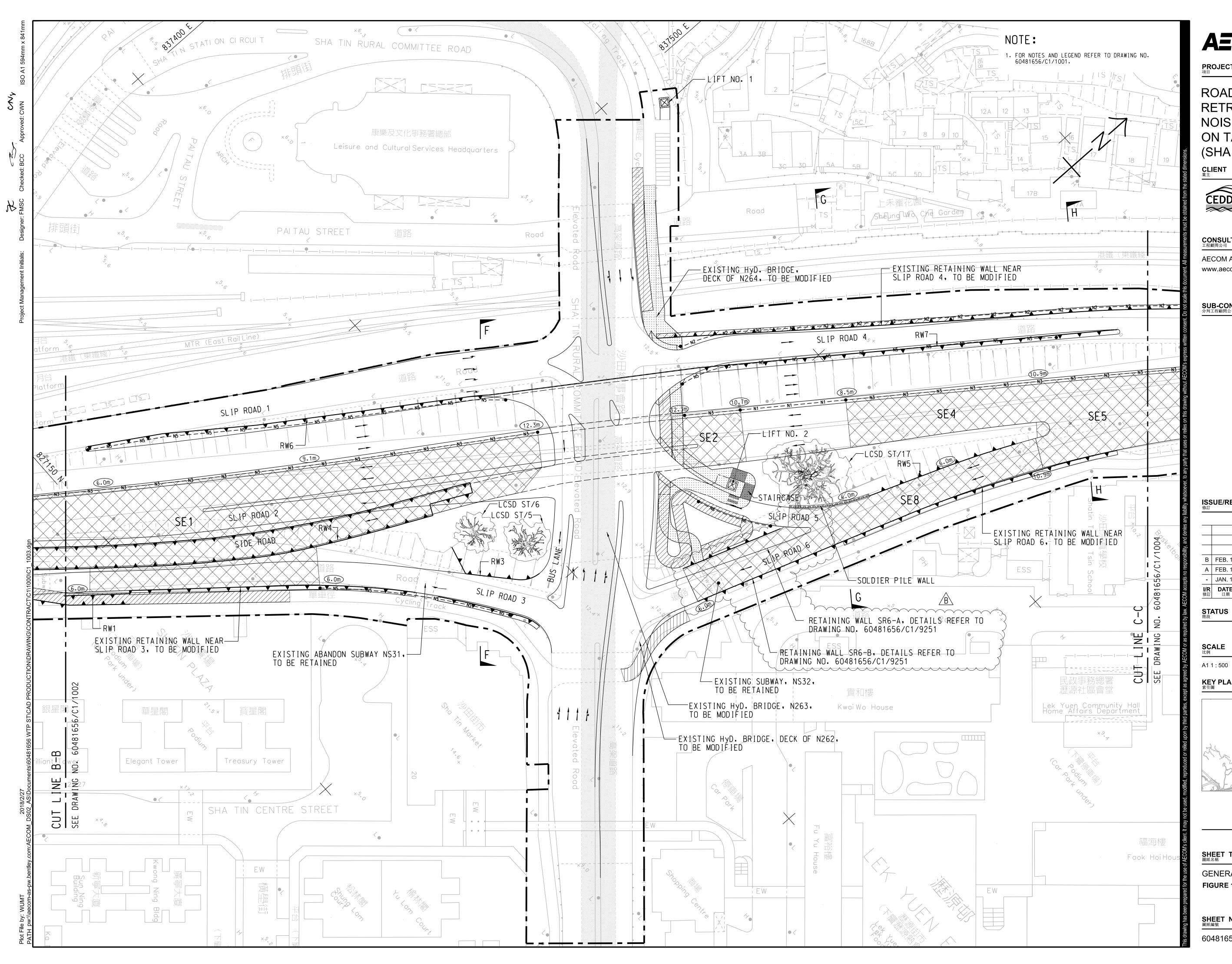
SHEET TITLE 圖紙名稱

GENERAL LAYOUT PLAN FIGURE 1.1b

## SHEET NUMBER ^{圖紙編號}

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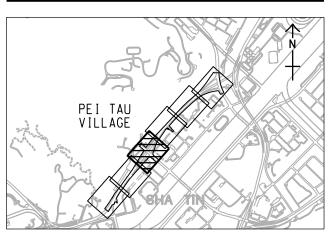
### STATUS 階段

SCALE 比例

### DIMENSION UNIT _{尺寸單位}

METRES

**KEY PLAN** A1 1 : 40000 索引圖



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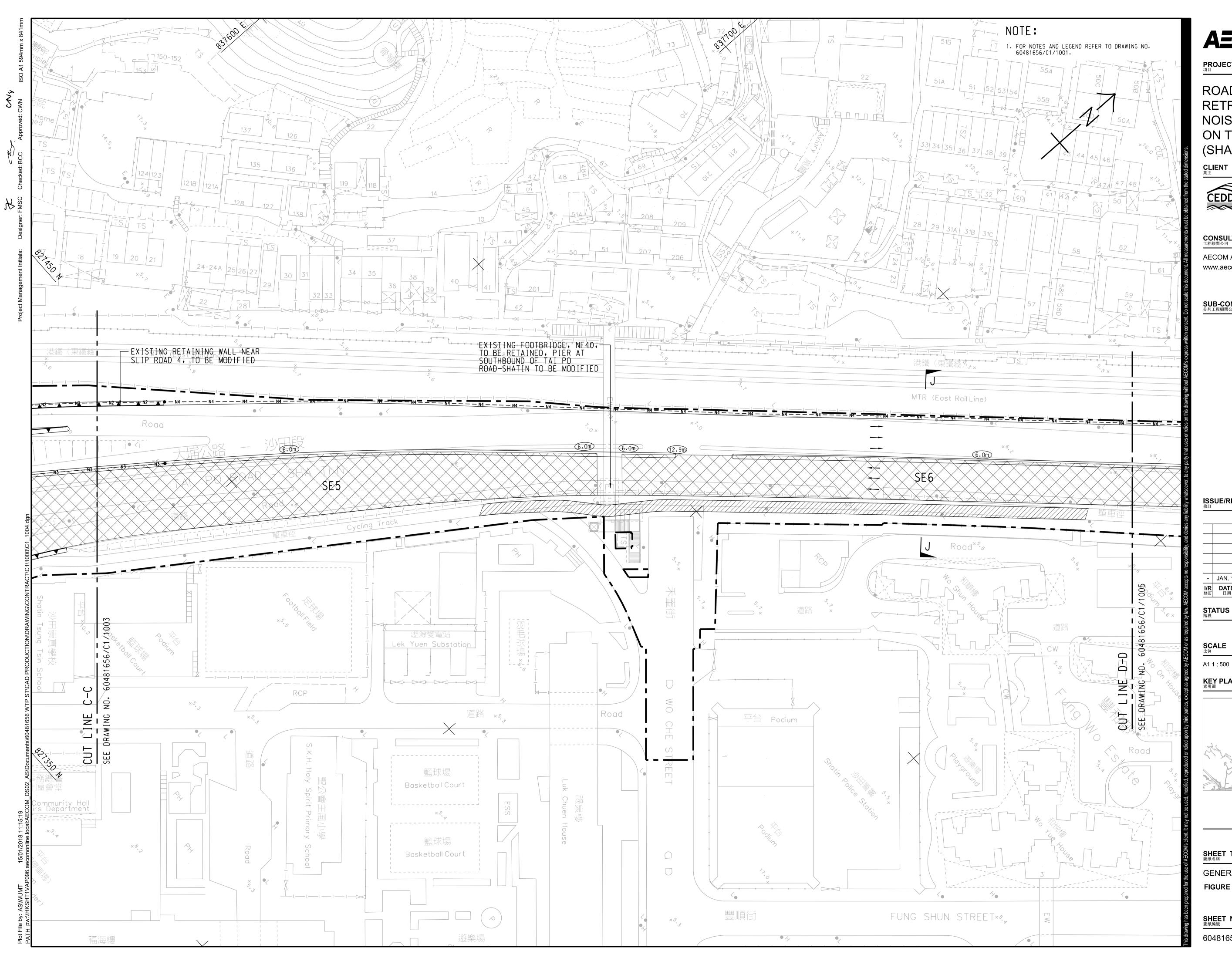
SHEET TITLE 圖紙名稱

GENERAL LAYOUT PLAN FIGURE 1.1 b

## SHEET NUMBER 圖紙編號

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**PROJECT** ^{項目}

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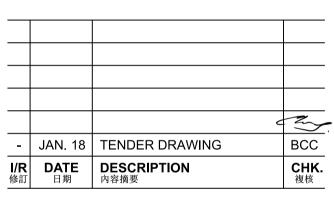
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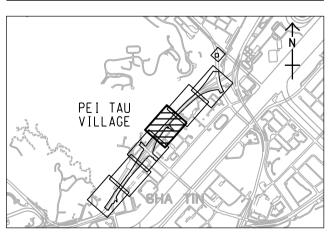
### **STATUS** 階段

# SCALE 比例

### DIMENSION UNIT ^{尺寸單位}

METRES

**KEY PLAN** A1 1 : 40000 索引圖



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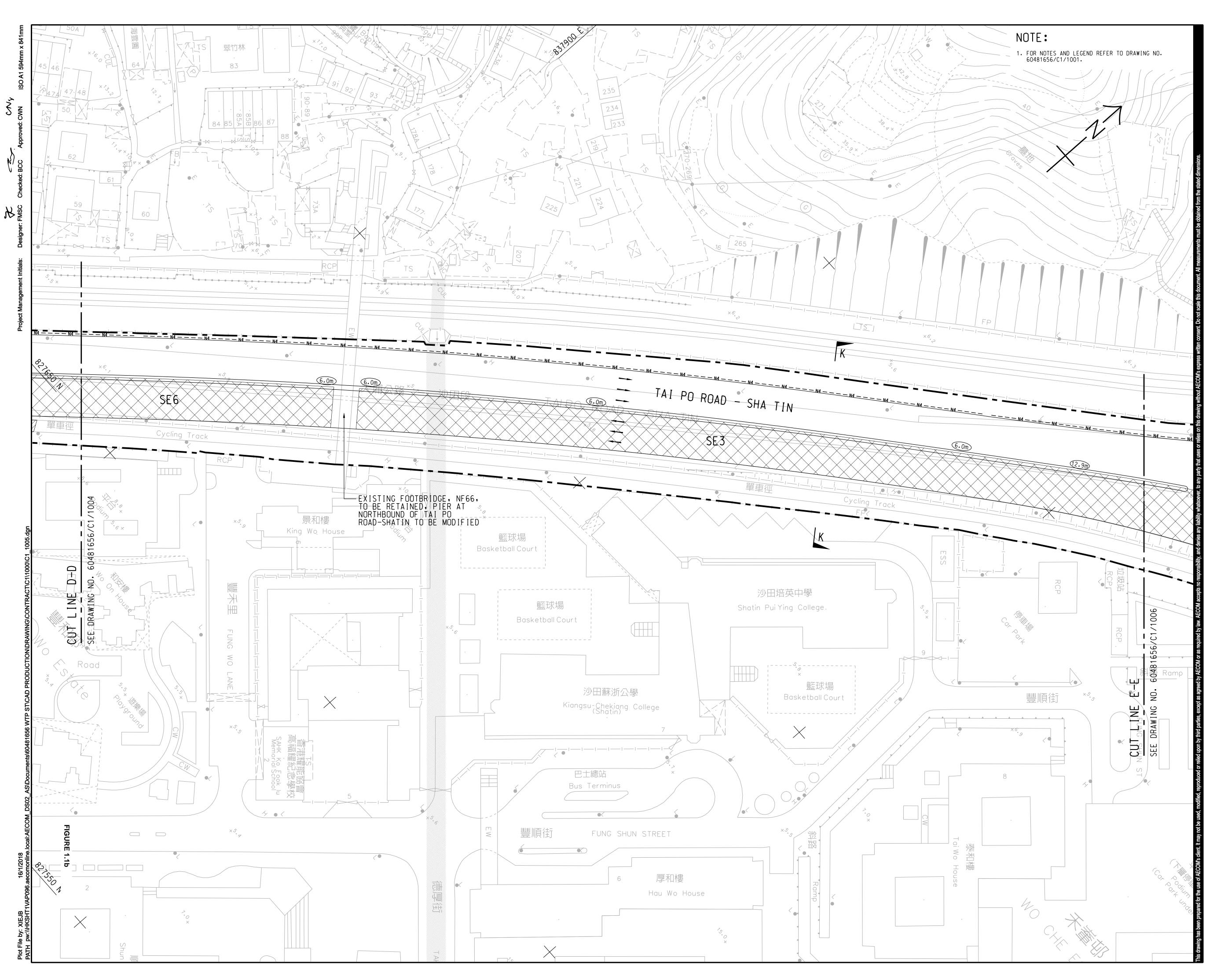
SHEET TITLE 圖紙名稱

GENERAL LAYOUT PLAN FIGURE 1.1b

SHEET NUMBER ^{圖紙編號}

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### CLIENT ^{業主}



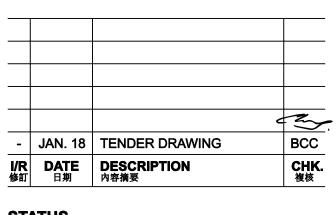
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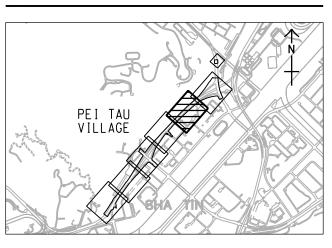
# SCALE ^{比例}

### DIMENSION UNIT ^{尺寸單位}

A1 1 : 500

METRES

**KEY PLAN** A1 1 : 40000 *案*引圖



### CONTRACT NO. ^{合約編號}

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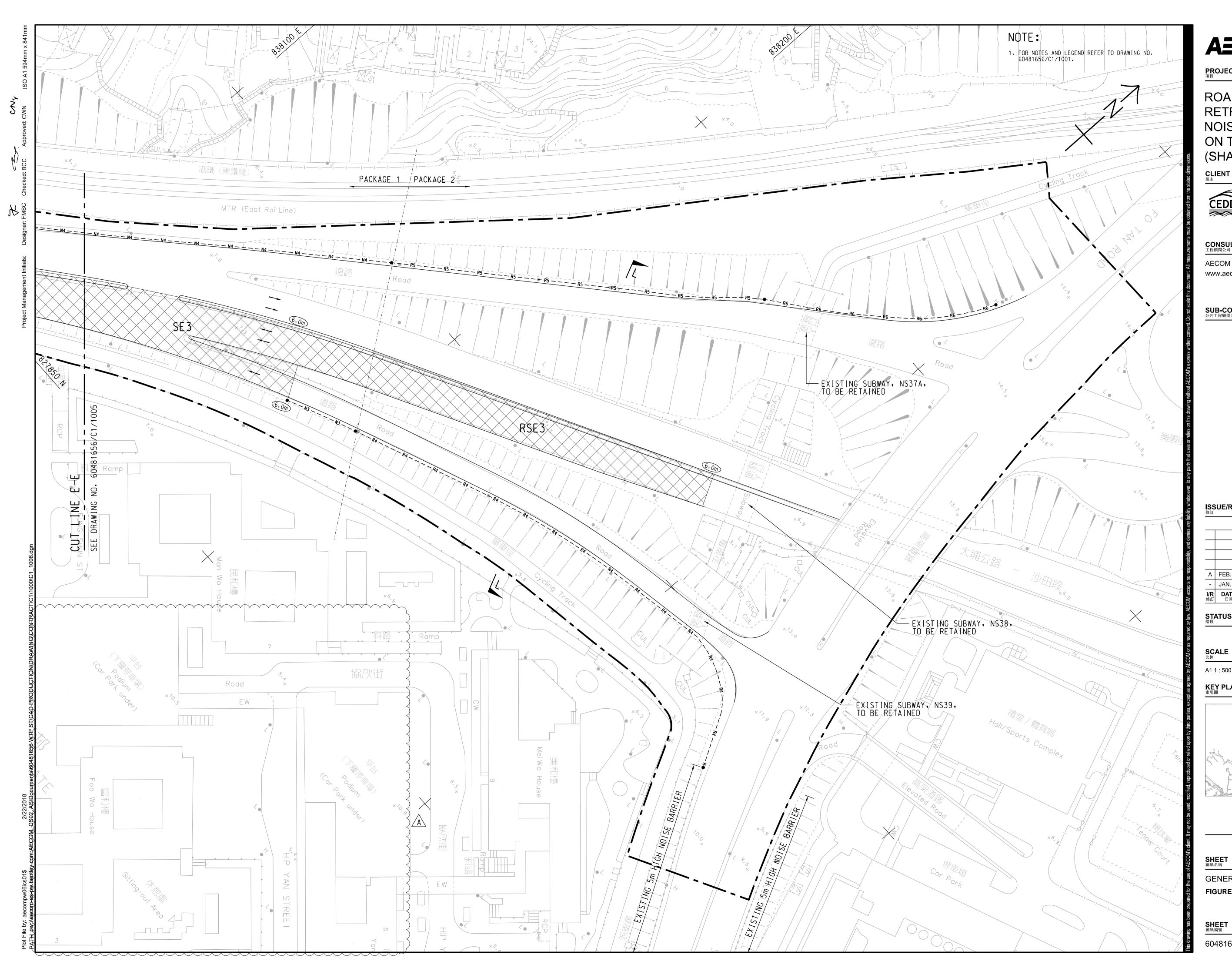
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GENERAL LAYOUT PLAN FIGURE 1.1b

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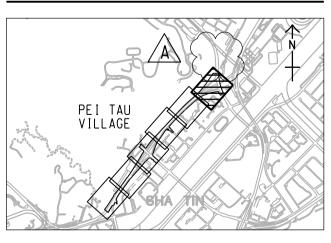
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# DIMENSION UNIT ^{尺寸單位}

A1 1 : 500

METRES

**KEY PLAN** A1 1 : 40000 索引圖



### CONTRACT NO. _{合約編號}

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GENERAL LAYOUT PLAN FIGURE 1.1b

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### SHEET NUMBER 圖紙編號

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Figure 2

Air and Noise Monitoring Locations

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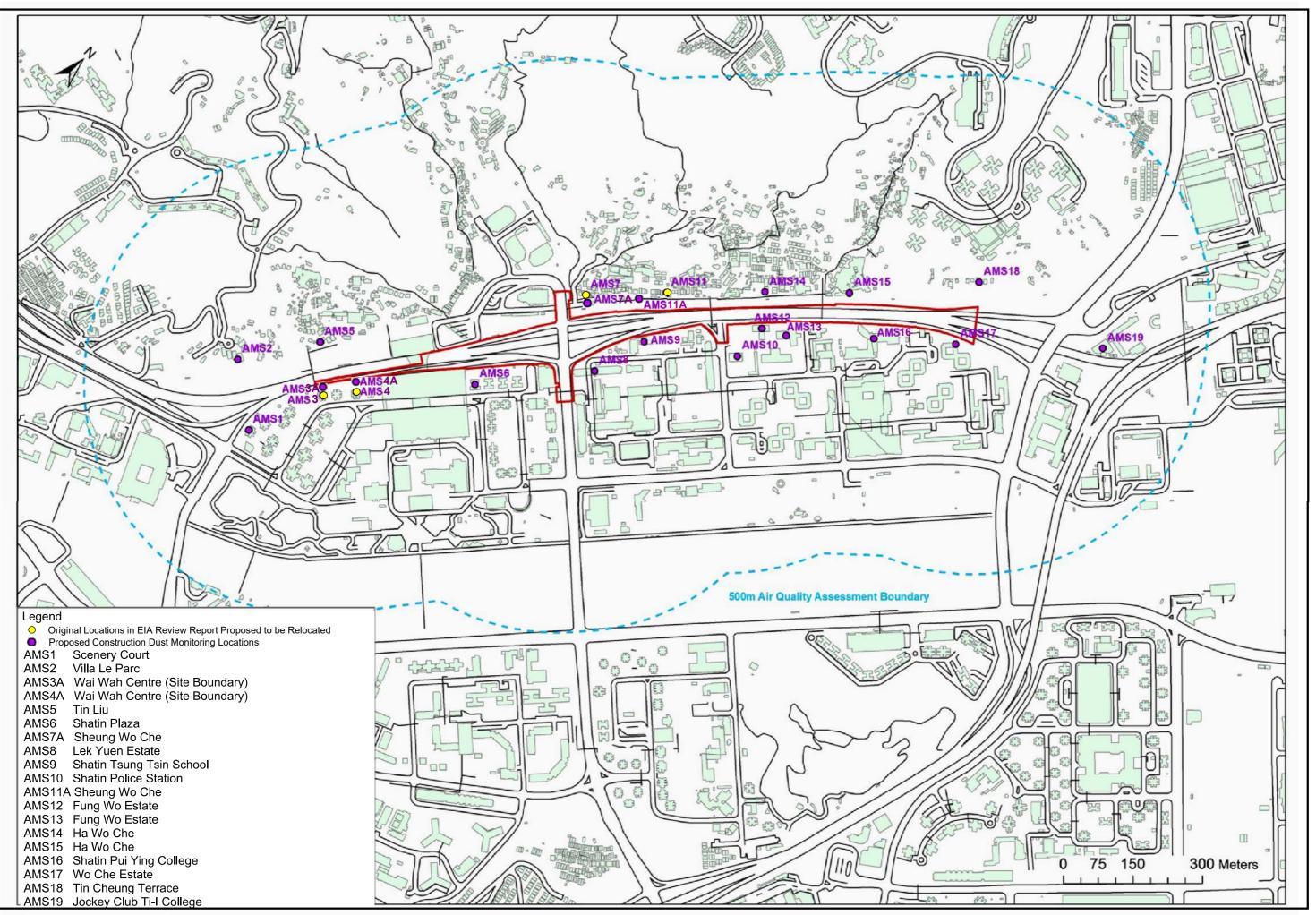
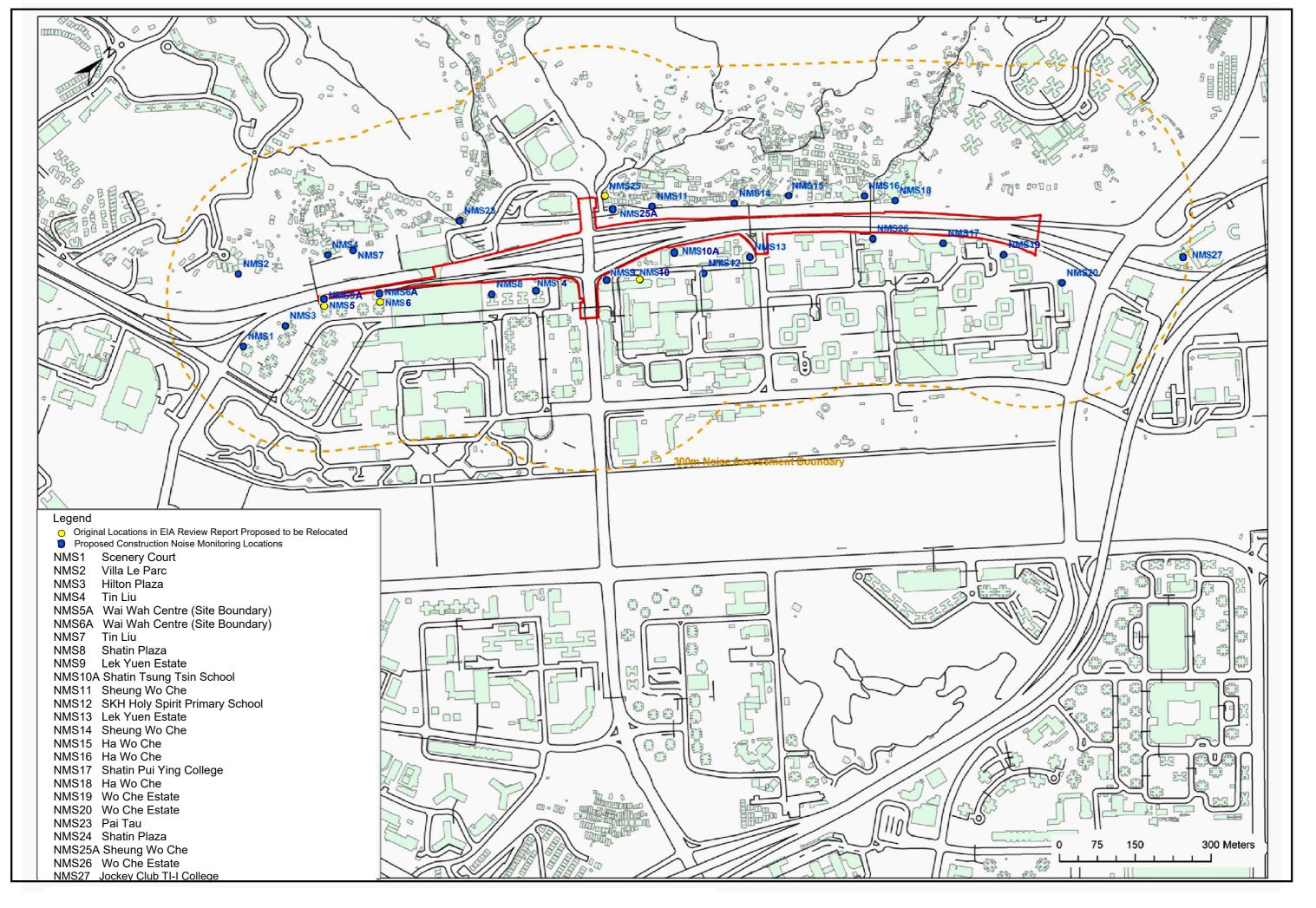


Figure 2 Air Quality Monitoring Locations







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Appendix A

**Construction Programme** 

ID Activity I	Name		aining 3MRP Star	3MRP Finish	DWP (AP2)	DWP (AP2	)N	2018		2019	
					Start	Finist	h <u>Nov</u> 5	Dec 6	Jan 7	Feb	Ma 9
DITTACT NE/20	17/05 Road Widening and I	Retrofittin	ng Noise Ba	arriers or	n Tai Po	Road (				· · · · ·	
ROJECT KEY											
OSSESSION OF SITE											
KEY1050 Possess	sion of Portion D	0	0 23-Jan-19*		23-Jan-19				2 Posses	sion of Portion D	1 -
RELIMINARIE	S & GENERAL REQUIRE	MENT	Carl Carl Carl						•		
SENERAL SUBMISSIO	N										
SUB1115 Survey of	of the Site	0	0 30-Nov-18*		03-Aug-18			Summer of the Oile			
SUB1153 BIM Tea	ım	0	0 30-Nov-18*		24-Aug-18		_	<ul> <li>Survey of the Site</li> </ul>			
SUB1155 BIM Exe	cution Plan	0	0 30-Nov-18*					BIM Team			
SUB1180 Recordi	na photo				25-Sep-18			BIM Execution Plan			
		0	0 30-Nov-18*		03-Aug-18			<ul> <li>Recording photo</li> </ul>			
SUB1200 Hoarding		0	0 30-Nov-18*		01-Aug-18			👌 Hoarding Plan			
SUB1305 Holding	nursery for transplanted trees	0	0 30-Nov-18*		17-Aug-18			Holding nursery for transplanted trees			
SUB1307 Geotech	nical monitoring personnel	0	0 30-Nov-18*		17-Aug-18			Geotechnical monitoring personnel			
SUB1309 Geotech	nical monitoring proposal	0	0 30-Nov-18*		26-Aug-18			Geotechnical monitoring proposal			
SUB1343 TCSS C	onfiguration Management	0	0 30-Nov-18*		16-Sep-18		-				
SUB1347 Lift Insta	Ilation - Design Data	0	0 30-Nov-18*		25-Sep-18			<ul> <li>TCSS Configuration Management</li> </ul>			
SUB1360 Video So	cript	0	0 14-Jan-19*					Lift Installation - Design Data			
	nent of technician apprentices & civil engineering				14-Jan-19				Video Script		
graduate	es	0	0 15-Nov-18 A		16-Oct-18		Employment of te	echnician apprentices & civil engineering gra	duates		
	ull detail programme	0	0 05-Nov-18 A		21-Oct-18		ıbmit full detail programme				
	Lighting Luminaires and System	0	0 30-Nov-18*		16-Oct-18			ITP's for Lighting Luminaires and System	n		
SUB1405 All Lighti	ng Designs	0	0 30-Nov-18*		16-Oct-18			All Lighting Designs			
SUB1407 Interface Docume	Management Plan & Detailed Interface	0	0 05-Nov-18 A		16-Oct-18		terface Management Plan &	Detailed Interface Document			
SUB1410 Combine	ed Services Drawings (CSD)	0	0 30-Nov-18*		25-Oct-18			Combined Services Drawings (CSD)			
ESIGN SUBM	ISSION							Combined Services Drawings (CSD)			
ENERAL											
DES1030 PM Con	sent for Contruction	28	11 10 Cap 10 A	10 Dec 10							
			11 18-Sep-18 A	10-Dec-18	25-Sep-18	22-Oct-18		PM Consent for Contruction	'n		
	MODIFICATION WORKS (Alternative Des	lign)									
	w & comment	28	28 10-Oct-18 A	27-Dec-18	14-Sep-18	11-Oct-18		PM	review & comment		-
DES1060 Re-subm	nit Alternative Design for Slab Widening of NHA & g of Bridge N264 w/Design Certificate	22	22 29-Dec-18	19-Jan-19	13-Oct-18	03-Nov-18			Be-submit Alt	ernative Design for Slab Wide	ning of NILLA 8
Widening	sent for Construction	28	28 20-Jan-19	16-Feb-19	04-Nov-18	01-Dec-18		-			
Widening				04-Dec-18	14-Sep-18	04-Oct-18		Prepare & submit Alternative Desig			onsent for Cons

ity ID	Activity Name	Original Duration	Remaining Duration	3MRP Start	3MRP Finish	DWP (AP2) Start	DWP (AP2) Finish	Nov	2018	Dec		lan	2019		
DES1090	PM review & comment	28	28	05-Dec-18		05-Oct-18	01-Nov-18	5		6		Jan 7		Feb 8	N
DES1100	Re-submit Alternative Desing for Modification of Bridge	23	23			03-Nov-18	25-Nov-18				PM review &				
DES1110	N263 w/Design Certificate PM Consent for Construction	28	28	26-Jan-19	22-Feb-19	26-Nov-18	23-Dec-18						Re-submit Alter	native Desing for N	Addification of
DES1120	Prepare & submit Alternative Design of Bridges SR2 & SR5, Slab Widening of SHA & Widening of Bridge N262	21	20	30-Nov-18 A	24-Dec-18	05-Oct-18	25-Oct-18				are f autorit Altern		1	_	PM Conse
DES1130	PM review & comment	28	28	25-Dec-18	21-Jan-19	26-Oct-18	22-Nov-18				pare & submit Altern				
DES1140	Re-submit Alternative Design of Bridges SR2 & SR5, Slab Widening of SHA & Widening of Bridge N262 w/Design	28	28	22-Jan-19	18-Feb-19	23-Nov-18	20-Dec-18					PMIN	eview & comme		
DES1150	PM Consent for Construction	28	28	19-Feb-19	18-Mar-19	21-Dec-18	17-Jan-19							Re	e-submit Alterr
NOISE MITTG	ATTON MEASURES												-		
DES1170	PM review & comment	28	24	03-Oct-18 A	23-Dec-18	14-Sep-18	11-Oct-18			PM re	view & comment		_		
DES1180	Re-submit Foundation Design of Noise Mitigation Measures in Zones 1 & 2 w/Design Certificate	22	22	25-Dec-18	15-Jan-19	13-Oct-18	03-Nov-18					Be-submit Fo	undation Desig	of Noise Mitigatio	n Maaalaa k
DES1190	PM Consent for Construction	28	28	16-Jan-19	12-Feb-19	04-Nov-18	01-Dec-18						undation Design		ent for Constru
DES1210	PM review & comment	28	20	25-Oct-18 A	19-Dec-18	05-Oct-18	01-Nov-18			PM review	& comment				int for Constru
DES1220	Re-submit Foundation Design of Noise Mitigation Measures in Zones 4 & 5 w/Design Certificate	23	23	21-Dec-18	12-Jan-19	03-Nov-18	25-Nov-18					Re-submit Found	ation Design of	Noise Mitigation M	leasures in 70
DES1230	PM Consent for Construction	28	28	13-Jan-19	09-Feb-19	26-Nov-18	23-Dec-18		-					PM Consent fo	
DES1240	Prepare & submit Foundation Design of Mitigation Measures in Zone 3 w/Design Certificate	21	21	30-Nov-18	20-Dec-18	05-Oct-18	25-Oct-18		····	Prepare 8	submit Foundation	Design of Mitigatio			
DES1250	PM review & comment	28	28	21-Dec-18	17-Jan-19	26-Oct-18	22-Nov-18						& comment		Joranoato
DES1260	Re-submit Foundation Design of Noise Mitigation Measures in Zone 3 w/Design Certificate	23	23	19-Jan-19	10-Feb-19	24-Nov-18	16-Dec-18	-						Re-submit Fo	oundation Dev
DES1270	PM Consent for Construction	28	28	11-Feb-19	10-Mar-19	17-Dec-18	13-Jan-19								
DES1280	Prepare & submit Superstructure Design of Noise Mitigation Measures in Zones 1 & 2 w/Design Certificate	21	21	21-Dec-18	10-Jan-19	26-Oct-18	15-Nov-18				Pr	epare & submit Su	perstructure De	sign of Noise Mitic	aation Measur
DES1290	PM review & comment	28	28	11-Jan-19	07-Feb-19	16-Nov-18	13-Dec-18			<u></u>				PM review & com	
DES1300	Re-submit Superstructure Design of Noise Mitigation Measures in Zone 1 & 2 w/Design Certificate	20	20	09-Feb-19	28-Feb-19	15-Dec-18	03-Jan-19				-				Re
DES1320	Prepare & submit Superstructure Design of Noise Mitigation Measures in Zone 3 w/Design Certificate	21	21	11-Jan-19	31-Jan-19	16-Nov-18	06-Dec-18						Prepare	& submit Superstr	ructure Design
DES1330 DES1360	PM review & comment	28	28	01-Feb-19	28-Feb-19	07-Dec-18	03-Jan-19								PM
DES1300	Prepare & submit Superstructure Design of Noise Mitigation Measures in Zones 4 & 5 w/Design Certificate PM review & comment	21	21	01-Feb-19		07-Dec-18	27-Dec-18								Prepare & s
REMAINING		28	28	22-Feb-19	21-Mar-19	28-Dec-18	24-Jan-19				-		•••••		
DES1410	PM review & comment	-													
DES1420	Re-submit Foundation Design of Retaining Walls RW1,	28		29-Oct-18 A	19-Dec-18	14-Sep-18	11-Oct-18		-	PM review a	& comment				
DES1430	RW3, RW6 & RW7 w/Design Certificate PM Consent for Construction	34	34	21-Dec-18		13-Oct-18	15-Nov-18					Re-	submit Foundat	ion Design of Reta	aining Walls R
DES1440	Prepare & submit Foundation Design of Footbridge NF40	28	28	24-Jan-19		16-Nov-18	13-Dec-18					C			PM Consent f
DES1450	& NF66 w/Design Certificate PM review & comment	21		16-Nov-18 A		14-Sep-18	04-Oct-18	C. State State	Prepa	re & submit Foundation D	esign of Footbridge	NF40 & NF66 w/	Design Certifica	e	
DES1460	Re-submit Foundation Design of Footbridge NF40 &	28	28	05-Dec-18	01-Jan-19 30-Jan-19	05-Oct-18	01-Nov-18				PM review & c	omment			
DES1470	NF66 w/Design Certificate PM Consent for Construction	28	28	31-Jan-19		03-Nov-18 08-Dec-18	07-Dec-18		_				Re-submit	Foundation Desig	in of Footbrid
DES1480	Prepare & submit Foundation Design of Pedestrian Lift 1	21		05-Dec-18		05-Oct-18	04-Jan-19 25-Oct-18								
	& 2, Lift 2 Staircase, Cycle Track Ramp & Sign Gantry										oare & submit Found	lation Design of P	edestrian Lift 1	& 2, Lift 2 Staircase	a, Cycle Track
Actual Le Primary E Actual We	Baseline			RO	AD WIDENI	NG & RETRO 3	Months Rolli	SE BARRIERS OI ng Programme ( Page 2 of 6	N TAI PO ROAD 30/11/18)	O (SHA TIN SECTION	l) Date 05/12/18	Revisi 3MRP DWP 18		Checked n	Approved

		Original Duration	Remaining Duration	3MRP Start	3MRP Finish	DWP (AP2) Start	DWP (AP2) Finish	Nov Dec	
DES1490	PM review & comment	28	28	26-Dec-18			_	5 6 7 g	
DES1500			20	20-Dec-18	22-Jan-19	26-Oct-18	22-Nov-18	8 PM review & comment	
DESISOU	Re-submit Foundation Design of Pedestrian Lift 1 & 2, Lift 2 Staircase, Cycle Track Ramp & Sign Gantry w/Design	35	35	24-Jan-19	27-Feb-19	24-Nov-18	28-Dec-18	8	Re
DES1520	Prepare & submit Design of Watermain & Irrigation System w/Design Certificate	35	5	20-Nov-18 A	04-Dec-18	29-Jul-18	01-Sep-18	8 Prepare & submit Design of Watermain & Irrigation System w/Design Certificate	
DES1530	PM review & comment	28	28	05-Dec-18	01-Jan-19	02-Sep-18	29-Sep-18		
DES1540	Re-submit Design of Watermain & Irrigation System w/Design Certificate	28	28	03-Jan-19	30-Jan-19	01-Oct-18	01-Nov-18	8	atormola 8 Inda
DES1550	PM Consent for Construction	28	28	31-Jan-19	27-Feb-19	02-Nov-18	29-Nov-18	Re-submit Design of W	
DES1560	Prepare & submit Design of E&M System (E&M & Road Lighting) w/Design Certificate	35	35	05-Dec-18	08-Jan-19	02-Sep-18	06-Oct-18	8 Prepare & submit Design of E&M System (E&M & Ro	PM
DES1570	PM review & comment	28	28	09-Jan-19	05-Feb-19	07-Oct-18	03-Nov-18	8	
DES1580	Re-submit Design of E&M System (E&M & Road Lighting) w/Design Certificate	32	32	07-Feb-19	10-Mar-19	05-Nov-18	06-Dec-18	PM review & co	mment
UBLET	TING & PROCUREMENT SCHED		C. S. S. S.		10 10 10 10 10				
SUBLETTING		OLL							
SPS1000									
	Maintenance of Traffic Flow	30	30	18-Dec-18	16-Jan-19	25-Sep-18	24-Oct-18	8 Maintenance of Traffic Flow	
SPS1010	Electronic Document Management System (EDMS) for the use of the Project Manager	30	12	18-Oct-18 A	11-Dec-18*	02-Oct-18	31-Oct-18		
SPS1020	Photographs	30	0	28-Sep-18 A	12-Nov-18	02-Oct-18	31-Oct-18		
SPS1030	Hoarding and Signboard	30	30	30-Nov-18	29-Dec-18	02-Oct-18	31-Oct-18	B Hoarding and Signboard	
SPS1040	Survey of the Site	30	30	18-Dec-18	16-Jan-19	25-Sep-18	24-Oct-18		
SPS1050	Public Relations Work Including Public Relations Offocer)	30	0	28-Sep-18 A	08-Nov-18	02-Oct-18	31-Oct-18		
SPS1060	Security System of the Site	30	30	30-Nov-18	29-Dec-18	02-Oct-18	31-Oct-18		
SPS1070	Construction Video film production + reproduction	30	0	28-Sep-18 A	12-Nov-18	02-Oct-18	31-Oct-18		
SPS1080	Pre-construction condition survey	30	0	30-Oct-18 A	15-Nov-18	25-Sep-18	24-Oct-18		
SPS1090	Building Information Model (BIM)	30	30	30-Nov-18	29-Dec-18	02-Oct-18	31-Oct-18	Building Information Model (BIM)	
SPS1100	Independent Checking Engineer	30	0	16-Oct-18 A	13-Nov-18	25-Oct-18	23-Nov-18		
SPS1110	Consultancy Services at Construction Stage	30	0	15-Oct-18 A	13-Nov-18	02-Oct-18	31-Oct-18		
SPS1140	Site Clearance and Demolition Work	30	30	17-Jan-19	15-Feb-19	25-Oct-18	23-Nov-18		- 01
SPS1150	Ground Investigation	30	0	05-Oct-18 A	12-Nov-18	25-Oct-18	23-Nov-18		e Clearance and
SPS1160	Monitoring and Instrumentation	30	30	16-Feb-19	A 17-Mar-19	24-Nov-18	23-Dec-18		
SPS1170	Piling Works and Pile Testing	30	30	30-Nov-18	29-Dec-18	25-Oct-18	23-Nov-18		
SPS1200	Waterwork (Pipework)	30	30	30-Nov-18	29-Dec-18	06-Aug-18	04-Sep-18	Piling Works and Pile Testing	
SPS1210	Drainage (PC pipe, manhole & gully) and Duct	30	30	29-Jan-19	27-Feb-19	24-Dec-18	22-Jan-19	waterwork (Pipework)	
SPS1220	CCTV for Drainage Pipe	30	30	30-Nov-18	29-Dec-18	25-Oct-18	23-Nov-18		Dra
SPS1240	Reinforced Concrete Work for Retaining Walls	30	30	30-Nov-18	29-Dec-18	12-Oct-18	11-Nov-18		
SPS1250	Reinforced Concrete Work for Noise Mitigation Measures	30	30	18-Dec-18	16-Jan-19	25-Sep-18	24-Oct-18	Keinforced Concrete Work for Retaining Walls	
SPS1260	Reinforced Concrete Work for Bridge Work	30		16-Feb-19		23-Dec-18	21-Jan-19	Reinforced Concrete Work for Noise Mitiga	tion Measures
SPS1290	Steelwork for NB and Lift Tower	30		11-Jan-19		11-Jan-19	09-Feb-19		
Remaining Actual Lev Primary B	aseline			RO	AD WIDENII	NG & RETRO	FITTING NO	Discretion         Date         Revision         Checked           01/11/18)         05/12/18         3MRP DWP 1811         Tim	or NB and Lift T Approved

SPS1410		Duration	Duration	3MRP Start	3MRP Finish	DWP (AP2) Start	DWP (AP2)	Mar	2018				2019		
	Pedestrian Lift (Lift Cars, E&M, Panel, Lourve &						Finish	Nov 5		Dec 6		Jan		eb	N
	Signature)	30	30	01-Dec-18	30-Dec-18	17-Sep-18	16-Oct-18				Pedestrian Lift	(Lift Cars, E&M, Pane	Lourve & Signature	8	_
SPS1420	Lighting System for Noise Mitigation Measures	30	30	12-Dec-18	10-Jan-19	25-Aug-18	23-Sep-18								
SPS1440	Drainage for Noise Mitigation Measures	30	30	12-Dec-18	10-Jan-19	25-Aug-18	23-Sep-18					Lighting System for No		res	
SPS1460	Waterproofing (Bitumen Paint)	30	30	25-Jan-19	23-Feb-19	25-Oct-18	23-Nov-18					Drainage for Noise Mi	tigation Measures		
WORK B	ETWEEN SHING MUN TUNNEL	S BOAR	AND	FOOT										N	Vaterpr
PRELIMINAR	ES WORKS	S NUAL	AND	FOUL	SRIDGE	NF71A (	ZONE								
	TRAFFIC ARRAGEMENT														
	TRAFFIC ARRAGEMENT												••••		
TTA PERIOD															
Z1_1410	Construction Zone 1_Stage 1 Southbound structure	271	271	27-Feb-19	29-Jan-20	22-Jan-19	09-Oct-19								
PREPARATOR	YWORKS														100000
TREE FELLI	NG/TRANPLANT										_		-		
Z1_1290															
	Zone 1_tree felling works	18	18	22-Jan-19	15-Feb-19	06-Nov-18	27-Nov-18		•		•••••				
MODIFICATIO	ON EXISTING ROAD/TEMPORARY ROAD				Cast Marks							ton a star		Zone 1_tree	relling
Z1_1270	Zone 1-1_construct temporary road platform along Northbound with remove centre barrier	73	73	15-Feb-19*	18-May-19	27-Nov-18	22-Jan-19								
NOISE BARRI	ER AND SEMI-ENCLOSURE					the second second									
PILE FOUNDA	TION WORKS														
SOUTHBOUN	ID														
							CANADA LA							••••••	<u>-</u>
Z1_1050	R2_site investigation for R2-02P & 06P (7nr)	18	18	27-Feb-19	20-Mar-19	22-Jan-19	15-Eeb-19						1		- 10
				27-Feb-19		22-Jan-19	15-Feb-19							•	
VORK BI	ETWEEN CITYLINE PLAZA AND						15-Feb-19							•	_
	ETWEEN CITYLINE PLAZA AND						15-Feb-19							•	
	ETWEEN CITYLINE PLAZA AND						15-Feb-19							•	
	ETWEEN CITYLINE PLAZA AND						15-Feb-19							•	
VORK BI	ETWEEN CITYLINE PLAZA AND	) FOOTE	RIDG	E NF40	(ZONE	3)								-	
VORK BI PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1		RIDG		(ZONE		15-Feb-19							•	
VORK BI PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY	ETWEEN CITYLINE PLAZA AND ES WORKS IRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS	) FOOTE	RIDG	E NF40	(ZONE	3)								•	
WORK BU PRELIMINARI TEMPORARY I TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS	) FOOTE	RIDG	E NF40	(ZONE	3)									
VORK BI PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY	ETWEEN CITYLINE PLAZA AND ES WORKS IRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS	) FOOTE	RIDG 324	E NF40	(ZONE 31-Mar-20	3)								•	
WORK BL PRELIMINARII TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS	9 FOOTE 324	RIDG 324	E NF40 27-Feb-19	(ZONE 31-Mar-20	3) 22-Jan-19	11-Mar-20					Zone 3_tree felling w	orks	•	
WORK BL PRELIMINARII TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS IG/TRANPLANT Zone 3_tree felling works	9 FOOTE 324	324 18	E NF40 27-Feb-19 20-Dec-18	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19 28-Nov-18	11-Mar-20 19-Dec-18		•			Zone 3_tree felling w	orks	•	
WORK BU PRELIMINARI TEMPORARY I TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810	ETWEEN CITYLINE PLAZA AND ES WORKS (RAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS (G/TRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD	324 18	324 18	E NF40 27-Feb-19	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19	11-Mar-20					Zone 3_tree felling w		Zone 3-1_rem	ove exis
VORK BU PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S	ETWEEN CITYLINE PLAZA AND ES WORKS (RAFFIC ARRAGEMENT Construction period of Zone 3a_1 CONSTRUCTION PERIOD AND CONSTRUCTION PORARY ROAD Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS	324 18	324 18	E NF40 27-Feb-19 20-Dec-18	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19 28-Nov-18	11-Mar-20 19-Dec-18					Zone 3_tree felling w		Zone 3-1_rem	cove exi
VORK BU PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS S WORKS	324 18	324 18	E NF40 27-Feb-19 20-Dec-18	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19 28-Nov-18	11-Mar-20 19-Dec-18					Zone 3_tree felling w		Zone 3-1_rem	ove exi
WORK BU PRELIMINARI TEMPORARY I TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE UTILITIES DIV	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STR UC TURE WORKS S WORKS S WORKS	324 18	324 18	E NF40 27-Feb-19 20-Dec-18	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19 28-Nov-18	11-Mar-20 19-Dec-18					Zone 3_tree felling w		Zone 3-1_rem	ove exi
VORK BU PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STR UC TURE WORKS S WORKS S WORKS	324 18	324 18	E NF40 27-Feb-19 20-Dec-18	(ZONE 31-Mar-20 12-Jan-19	3) 22-Jan-19 28-Nov-18	11-Mar-20 19-Dec-18					Zone 3_tree felling w		Zone 3-1_rem	Cove exis
WORK BI PRELIMINARI TEMPORARY I TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND B PRELIMINARIE UTILITIES DIV NORTHBOUN	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STR UC TURE WORKS IS WORKS IERSION ID	324 18 21	324 18 21	E NF40 27-Feb-19 20-Dec-18 14-Jan-19	(ZONE 31-Mar-20 12-Jan-19 14-Feb-19	3) 22-Jan-19 28-Nov-18 19-Dec-18	11-Mar-20 19-Dec-18 22-Jan-19								
VORK BU PRELIMINARI TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE UTILITIES DIV NORTHBOUN Z3_2910	ETWEEN CITYLINE PLAZA AND ES WORKS IRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS S WORKS ERSION UD UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 Som	324 18 21	324 18 21 13	E NF40 27-Feb-19 20-Dec-18 14-Jan-19 07-Jan-19	(ZONE 31-Mar-20 12-Jan-19 14-Feb-19 22-Jan-19	3) 22-Jan-19 28-Nov-18 19-Dec-18 08-Dec-18	11-Mar-20 19-Dec-18 22-Jan-19 24-Dec-18								
VORK BU PRELIMINARII TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE UTILITIES DIV NORTHBOUN Z3_2910 Z3_2920	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS S WORKS ERSION UD UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 Som UU_HKT-diversion cable for RW7 CH1830-2000 170m	324 18 21	324 18 21 13	E NF40 27-Feb-19 20-Dec-18 14-Jan-19	(ZONE 31-Mar-20 12-Jan-19 14-Feb-19 22-Jan-19	3) 22-Jan-19 28-Nov-18 19-Dec-18	11-Mar-20 19-Dec-18 22-Jan-19		-						11675-1
WORK BI PRELIMINARI TEMPORARY I TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE UTILITIES DIV NORTHBOUN Z3_2910 Z3_2920	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 Y WORKS IG/TRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS S WORKS ERSION UD UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 Som UU_HKT-diversion cable for RW7 CH1830-2000 170m Level of Effort	324 18 21	324 18 21 13	E NF40 27-Feb-19 20-Dec-18 14-Jan-19 07-Jan-19 08-Jan-19	(ZONE 31-Mar-20 12-Jan-19 14-Feb-19 22-Jan-19 20-Feb-19	3) 22-Jan-19 28-Nov-18 19-Dec-18 06-Dec-18 10-Dec-18	11-Mar-20 19-Dec-18 22-Jan-19 24-Dec-18 22-Jan-19						2-abandoned 11ky ca	ble for RW6 CH	11675-1 (T-diver
VORK BU PRELIMINARII TEMPORARY T TTA PERIOD Z3_3270 PREPARATORY TREE FELLIN Z3_2800 MODIFICATIO Z3_2810 BRIDGE AND S PRELIMINARIE UTILITIES DIV NORTHBOUN Z3_2910 Z3_2920	ETWEEN CITYLINE PLAZA AND ES WORKS TRAFFIC ARRAGEMENT Construction period of Zone 3a_1 WORKS IGTRANPLANT Zone 3_tree felling works N EXISTING ROAD/TEMPORARY ROAD Zone 3-1_remove existing central barrier STRUCTURE WORKS S WORKS ERSION UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 S0m UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 S0m UU_CLP-abandoned 11kv cable for RW6 CH1675-1725 S0m UU_HKT-diversion cable for RW7 CH1830-2000 170m Level of Effort Remaining Work	324 18 21	324 18 21 13	E NF40 27-Feb-19 20-Dec-18 14-Jan-19 07-Jan-19 08-Jan-19	(ZONE 31-Mar-20 12-Jan-19 14-Feb-19 22-Jan-19 20-Feb-19	3) 22-Jan-19 28-Nov-18 19-Dec-18 06-Dec-18 10-Dec-18	11-Mar-20 19-Dec-18 22-Jan-19 24-Dec-18 22-Jan-19 FITTING NOIS	SE BARRIERS ON	TAI PO ROAD 0/11/18)					ble for RW6 CH	11675-17

	Activity Name	Duration	Remaining Duration	3MRP Start	3MRP Finish	DWP (AP2)	DWP (AP2)	Al	2018				2019	
Z3_2930	UU_CLP-abandoned 11kv cable for RW7 & SR4					Start	Finish	Nov 5		Dec 6	Jan		Feb	
	CH1825-1950 125m	22	22	22-Jan-19	20-Feb-19	24-Dec-18	22-Jan-19						8	UU CLP-ab
Z3_3130	UU_Fresh watermain for SR4 178m 200mm	23	23	27-Feb-19	26-Mar-19	22-Dec-18	22-Jan-19							
SOUTHBOI	DUND													
Z3_2970	UU_HKT-new cable for RW1 & SR3 CH1450-2300 850m	127	127	08-Feb-19	16-Jul-19	08-Feb-19	16-Jul-19							
Z3_3050	UU_CLP-abandoned 11kv cable for SR2 & N263 CH1710-1950 240m	35	35	14-Jan-19	27-Feb-19	08-Dec-18	22-Jan-19		C. C					
Z3_3060	UU_GAS-diversion LP pipe for SR2 & N263 CH1640-1850 210m	51	51	22-Dec-18	27-Feb-19	20-Nov-18	22-Jan-19							
Z3_3070	UU_HKT-diversion cable for SR2 & N263 CH1630-1840	39	39	09-Jan-19	27-Feb-19	04-Dec-18	22-Jan-19							UL
Z3_3110	210m UU_GAS-diversion LP pipe for N263 CH1825-1960	38	38		27-Feb-19	05-Dec-18	22-Jan-19							UL
MIDENING FO	135m FOR NORTH HOLLOW ABUTMENT (N264)				2110010	03-060-10	22-Jan-19				<b>Francisco</b>			UL.
Z3_4200	C01_ELS & footing construction	45	45	10 5 1 10										
Z3_4220	N264_modification existing MTRC fencing for deck			18-Feb-19		22-Jan-19	19-Mar-19						and the second	
_	widening	60	60	18-Feb-19	03-May-19	22-Jan-19	05-Apr-19							
	ON OF BRIDGE N263													
MODIFICATIO	ION EXISTING PIER WALL OF N263													
Z3_3870	SAW-1_piling works for new NHA wall 3nr 1.5m bored pile	42	42	27-Feb-19	18-Apr-19	22-Jan-19	15-Mar-19							
RETAINING W	WALL & SUBWAY													
RETAINING V	WALL NO.6		E ARASA	300 March 1		The state of the second								
Z3_4390	RW6_ELS works for Bay 601 to Bay 608 (62m_2 side)	35	35	15-Feb-19*	27-Mar-19	22-Jan-19	07-Mar-19							-
RETAINING V	WALL NO.7			and the second										
Z3_4510	RW7_ELS works for Bay 701 to Bay 705 (75m_2 side)	42	42	20-Feb-19	11 4 10									
					11-Apr-19	22-Jan-19	15-Mar-19					-		
DELIMINADI		ID NF6	6 (ZO)	NE 4)								-		
	TRAFFIC ARRAGEMENT													
TTA PERIOD								•••••						
Z4_1470	Construction Zone 4_NF66 Construction	243	243	27-Feb-19	20-Dec-19	22-Jan-19	18-Nov-19							
Z4_1480	Construction Zone 4_NF40 Construction	489	489	23- Jan- 19	16-Sep-20	00 1 40								100000
		409	403	Lo ourris	10 000-20	23-Jan-19	16-Sep-20							
-	RY WORKS	409	463	20 001-15	10 000-20	23-Jan-19	16-Sep-20							
REPARATOR	RY WORKS	403	463	20 001110	10 000-20	23-Jan-19	16-Sep-20							
REPARATOR														
REPARATOR TREE FELLIN Z4_1320	NG/TRANPLANT Zone 4_NB tree felling works	469		28-Jan-19		23-Jan-19 06-Nov-18	16-Sep-20 27-Nov-18							Zone 4_NB
TREE FELLIN Z4_1320	NG/TRANPLANT Zone 4_NB tree felling works VERSION													Zone 4_NB
REPARATOR TREE FELLIN Z4_1320	ING/TRANPLANT Zone 4_NB tree felling works VERSION ND	18	18	28-Jan-19	21-Feb-19									Zone 4_NB
REPARATOR TREE FELLIN Z4_1320 UTILITIES DIV NORTHBOUN Z4_1270	NG/TRANPLANT Zone 4_NB tree felling works VERSION ND UU_CLP-abandoned 33kv cable for N4 CH2100-2350 250m		18		21-Feb-19									Zone 4_NB
REPARATOR TREE FELLIN Z4_1320 ITILITIES DIV NORTHBOUN Z4_1270 Z4_1300	ING/TRANPLANT         Zone 4_NB tree felling works         VERSION         ND         UU_CLP-abandoned 33kv cable for N4 CH2100-2350         250m         UU_HKT-slew cable for N4 & NF66 CH2320-2360 40m	18	18 36	28-Jan-19	21-Feb-19 04-Apr-19	06-Nov-18	27-Nov-18							Zone 4-NB
REPARATOR TREE FELLIN Z4_1320 TILITIES DIV NORTHBOUN Z4_1270	NG/TRANPLANT Zone 4_NB tree felling works VERSION ND UU_CLP-abandoned 33kv cable for N4 CH2100-2350 250m	18 36	18 36 5	28-Jan-19 21-Feb-19	21-Feb-19 04-Apr-19 27-Feb-19	06-Nov-18 27-Nov-18	27-Nov-18 11-Jan-19							
<b>REPARATOR</b> TREE FELLIN Z4_1320 <b>TILITIES DIV</b> <b>NORTHBOUN</b> Z4_1270 Z4_1300 Z4_1360	ING/TRANPLANT         Zone 4_NB tree felling works         VERSION         ND         UU_CLP-abandoned 33kv cable for N4 CH2100-2350         250m         UU_HKT-slew cable for N4 & NF66 CH2320-2360 40m	18 36 5	18 36 5	28-Jan-19 21-Feb-19 21-Feb-19	21-Feb-19 04-Apr-19 27-Feb-19	06-Nov-18 27-Nov-18 16-Jan-19	27-Nov-18 11-Jan-19 22-Jan-19							
REPARATOR TREE FELLIN Z4_1320 TILITIES DIV NORTHBOUN Z4_1270 Z4_1300 Z4_1360	NG/TRANPLANT         Zone 4_NB tree felling works         VERSION         ND         UU_CLP-abandoned 33kv cable for N4 CH2100-2350 250m         UU_HKT-slew cable for N4 & NF66 CH2320-2360 40m         UU_Fresh watermain for N4 CH2150-2200 77m 600mm         STRUCTURE WORKS	18 36 5	18 36 5	28-Jan-19 21-Feb-19 21-Feb-19 27-Feb-19	21-Feb-19 04-Apr-19 27-Feb-19 16-Apr-19	06-Nov-18 27-Nov-18 16-Jan-19 03-Dec-18	27-Nov-18 11-Jan-19 22-Jan-19 22-Jan-19							
REPARATOR TREE FELLIN Z4_1320 TILITIES DIV NORTHBOUN Z4_1270 Z4_1300 Z4_1360	NG/TRANPLANT         Zone 4_NB tree felling works         VERSION         ND         UU_CLP-abandoned 33kv cable for N4 CH2100-2350         250m         UU_HKT-slew cable for N4 & NF66 CH2320-2360 40m         UU_Fresh watermain for N4 CH2150-2200 77m 600mm         STRUCTURE WORKS         vel of Effort       Remaining Work         vel of Effort       Critical Remaining Work	18 36 5	18 36 5	28-Jan-19 21-Feb-19 21-Feb-19 27-Feb-19	21-Feb-19 04-Apr-19 27-Feb-19 16-Apr-19	06-Nov-18 27-Nov-18 16-Jan-19 03-Dec-18	27-Nov-18 11-Jan-19 22-Jan-19 22-Jan-19	SE BARRIERS ON	TAI PO ROAD (SH	A TIN SECTION)	Date 05/12/18 3MF	Revision IP DWP 1811	Checked	Zone 4_NB

ctivity ID	Activity Name	Original Duration	Remaining Duration	3MRP Start	3MRP Finish	DWP (AP2)	DWP (AP2)		2018		2019	
			Saration		T IIIISI	Start	Finish	Nov	Dec	Jan	Feb	Ma
MODIFICATION	WORKS FOR NF40				1			5	6	7	8	9
NF40_1000	Construct temporary staircase	60	60	23-Jan-19	05-Apr-19	23-Jan-19	05-Apr-19					
MODIFICATION	WORKS FOR NF66											
NF66_1000	Piling for NF66 new support 12nr mini pile	48	48	27-Feb-19	29-Apr-19	22-Jan-19	22-Mar-19					
		the second										

Remaining Level of Effort Remaining Work					
Actual Level of Effort Critical Remaining Wo	ROAD WIDENING & RETROFITTING NOISE BARRIERS ON TAI PO ROAD (SHA TIN SECTION)	Date	Revision	Checked	Approv
Primary Baseline	3 Months Rolling Programme (30/11/18)	05/12/18	3MRP DWP 1811	Tim	
Actual Work	Page 6 of 6				

Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong.

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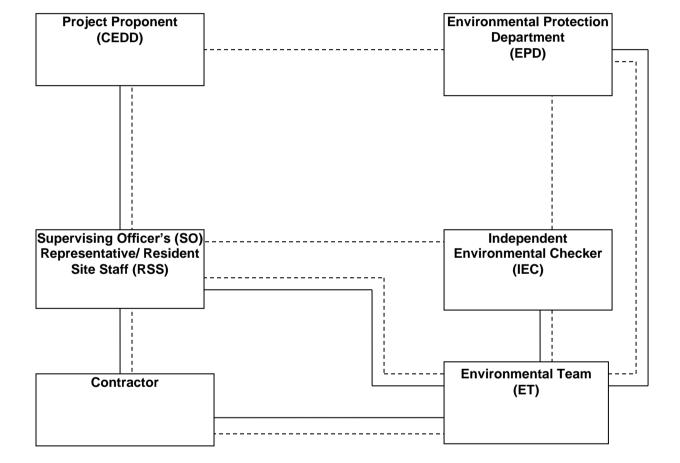


Appendix B

**Project Organization Chart** 

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Γ	Legen	d:
		Line of Reporting
		Line of Communication

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Appendix C

Action and Limit Levels for Air Quality and Noise

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# Action and Limit Levels for 24-hr TSP and 1-hr TSP

Parameter	Monitoring Station	Action Level (μg/m ³ )	Limit Level (µg/ m³)
	AMS 2	166	
24-hr TSP	AMS 3A	200	260
(µg/m³)	AMS 7A	171	200
	AMS 9	159	
	AMS 2	324	
1-hr TSP	AMS 3A	350	500
(µg/m³)	AMS 7A	344	500
	AMS 9	327	

# Action and Limit Levels for Construction Noise, Leq (30min), dB(A)

Time Period	Location	Action	Limit
0700-1900 hrs on normal weekdays	NMS1 NMS2 NMS3 NMS4 NMS5A NMS6A NMS7 NMS6A NMS7 NMS10A NMS10A NMS11 NMS12 NMS13 NMS14 NMS15 NMS16 NMS15 NMS16 NMS17 NMS16 NMS17 NMS18 NMS19 NMS20 NMS20 NMS23 NMS24 NMS25A NMS26 NMS27	When one documented complaint is received	75* dB(A)

* reduce to 70 dB(A) for schools and 65 dB(A) during school examination periods.

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Appendix D

**Calibration Certificates of Monitoring Equipment** 

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Page 1 of 1

Report no.: 940891CA181731

# CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

# **Client Supplied Information**

Details of Unit Under Test, UUT

Description	: Laser dust monitor
Manufacturer	: SIBATA
Model No.	: LD-5R
Serial No.	: 882146
Specification Limit	: NA
Next Calibration Date	: 02-Oct-2019

# Laboratory Information

Description	:	Reference balance	
Equipment ID.	:	R-039-12	
Date of Calibration	:	03-Oct-2018	Ambient Temperature : 21 °C
Calibration Location	;	Calibration Laboratory of FTS	S
Method Used	:	By direct comparison the we	ight of dust particle trapped in a filter paper using high
		volume sampler (TSP metho	d) for a certain period, with the reading of the UUT. They
		should be placed at the same	e location and powered on and off at the same time.

# **Calibration Results :**

Reference concentration (mg/m ³ )	Total count for 1 hour	CPM (Count per minute)
0.0912	2918	48.63
0.0971	3050	50.83
0.0853	2721	45.35

# **Remarks:**

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation : Concentration (mg/m³) = K x [UUT reading (CPM)], where K = 0.001889

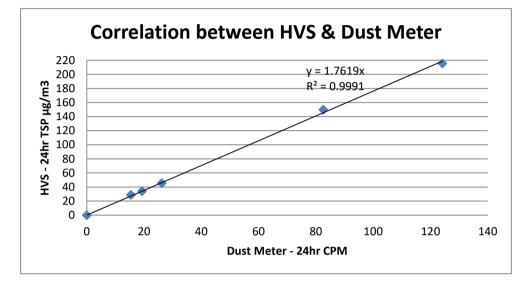
3. Correlation coefficient (r) : 0.9936

Checked by : Certified by : CAR-297 (22/07/2009) Date : 5-11-2018 Certified by : CAR-297 (22/07/2009) Leung Kwok Tai (Assistant Manager)

** End of Report **

Correlation between HVS & Dust Meter		
Model:	Sibata LD-5R	
Serial No:	882146	

HVS - 24hr TSP μg/m ³	28.99	34.06	45.57	149.88	215.67
Dust Meter - 24hr CPM	15.4	19.3	26.2	82.59	124.12



K factor = 1.762

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Page 1 of 1

Report no.: 940891CA181731(4)

# CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

# **Client Supplied Information**

Details of Unit Under Test, UUT

Description	: Laser dust monitor
Manufacturer	: SIBATA
Model No.	: LD-5R
Serial No.	: 882147
Specification Limit	: NA
Next Calibration Date	: 02-Oct-2019

# Laboratory Information

Description	:	Reference balance	
Equipment ID.	:	R-039-12	
Date of Calibration	;	03-Oct-2018	Ambient Temperature : 21 °C
Calibration Location	:	Calibration Laboratory of FT	S
Method Used	:	By direct comparison the we	ight of dust particle trapped in a filter paper using high
		volume sampler (TSP metho	od) for a certain period, with the reading of the UUT. They
		should be placed at the sam	e location and powered on and off at the same time.

# Calibration Results :

Reference concentration (mg/m ³ )	Total count for 1 hour	CPM (Count per minute)
0.0912	2874	47.90
0.0971	3057	50.95
0.0853	2580	43.00

### **Remarks:**

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation : Concentration (mg/m³) = K x [UUT reading (CPM)], where K = 0.001929

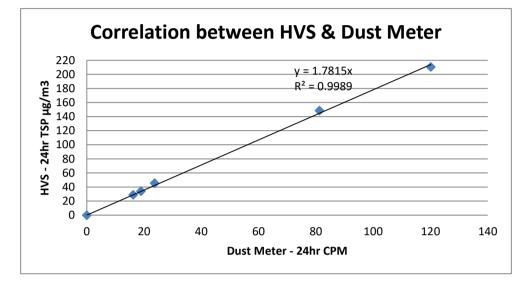
3. Correlation coefficient (r): 0.9911

Checked by :	_ Date : <u>5 - 1  - 2018</u>	_ Certified by :_	K I Tenna	Date :	6-11-2018
CA-R-297 (22/07/2009)		Leung Kw	vok Tai (Assistant I	Manager)	

** End of Report **

Correlation between HVS & Dust Meter		
Model:	Sibata LD-5R	
Serial No:	882147	

HVS - 24hr TSP μg/m ³	28.99	34.06	45.57	148.63	210.59
Dust Meter - 24hr CPM	16.2	18.9	23.7	81.23	120.11



K factor = 1.782

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Page 1 of 1

Report no.: 940891CA181731(2)

# CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

# **Client Supplied Information**

Details of Unit Under Test, UUT

Description	: Laser dust monitor
Manufacturer	: SIBATA
Model No.	: LD-5R
Serial No.	: 882148
Specification Limit	: NA
Next Calibration Date	: 02-Oct-2019

# Laboratory Information

Description	: R	Reference balance		
Equipment ID.	: R	8-039-12		
Date of Calibration	: 03	3-Oct-2018	Ambient Temperature : 21	°C
Calibration Location	: C	alibration Laboratory of FTS	6	
Method Used	: B	y direct comparison the wei	ght of dust particle trapped in a	filter paper using high
	VC	olume sampler (TSP metho	d) for a certain period, with the r	eading of the UUT. They
	sł	hould be placed at the same	e location and powered on and o	off at the same time.

# Calibration Results :

Reference concentration (mg/m ³ )	Total count for 1 hour	CPM (Count per minute)
0.0912	2908	48.47
0.0971	3076	51.27
0.0853	2639	43.98

## **Remarks:**

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation : Concentration  $(mg/m^3) = K \times [UUT reading (CPM)]$ , where K = 0.001904

3. Correlation coefficient (r) : 0.9912

Checked by :	Date :_	5-11-208	Certified by :_	K.T. Leung	Date: 6-11-2018
CA-R-297 (22/07/2009)			Leung Kv	vok Tai (Assistant	Manager)

** End of Report **

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Page 1 of 1

Report no.: 940891CA181731(6)

# CALIBRATION CERTIFICATE OF DUST METER

Client : Fugro Technical Services Limited

Project : Calibration Services

# **Client Supplied Information**

Details of Unit Under Test, UUT

Description	: Laser dust monitor
Manufacturer	: SIBATA
Model No.	: LD-5R
Serial No.	: 882149
Specification Limit	: NA
Next Calibration Date	: 02-Oct-2019

# Laboratory Information

Description	: Reference balance	
Equipment ID.	: R-039-12	
Date of Calibration	: 03-Oct-2018	Ambient Temperature : 21 °C
Calibration Location	: Calibration Laboratory of I	
Method Used	: By direct comparison the	weight of dust particle trapped in a filter paper using high
		thod) for a certain period, with the reading of the UUT. They
		ame location and powered on and off at the same time.

# Calibration Results :

Reference concentration (mg/m ³ )	Total count for 1 hour	CPM (Count per minute)	
0.0912	2960	49.33	
0.0971	3060	51.00	
0.0853	2845	47.42	

# **Remarks:**

1. The equipment being used in this calibration is traceable to recognized National Standards.

2. The interpolation equation : Concentration  $(mg/m^3) = K \times [UUT reading (CPM)]$ , where K = 0.001852

3. Correlation coefficient (r): 0.9992

Checked by : ______ Date : _____ Date : _____ Certified by : ______ Date : _______ Date : ______ Date : _____ Date : _____ Date : ______ Date

** End of Report **

And a second second		C h e n t		7			D	ALIBRATION UE DATE: ber 17, 2019
	Ce	rtifu	Calibration				tion	
				and the second se				
Cal. Date:	October 17	, 2018	Roots	meter S/N:	438320	Ta:	294	°К
Operator:	Jim Tisch					Pa:	755.7	mm Hg
Calibration	Model #:	TE-5025A	Calil	brator S/N:	2154			
		Mal I. M	Mal Pt. 1	A14-1		4.0		]
		Vol. Init	Vol. Final	ΔVol.	ΔTime	ΔΡ	ΔH	
	Run 1	(m3)	(m3)	(m3)	(min) 1.4590	(mm Hg) 3.2	(in H2O)	
	2	3	2	1	1.4590	3.2 6.4	2.00	1
	3	5		1	0.9310	7.9	5.00	4
	4	7	8	1	0.8840	8.8	5.50	1
	5	9	10	1	0.7320	12.7	8.00	
		6		late Tehuler				1
		1	L	Data Tabula	tion			
	Vstd	Qstd	$\sqrt{\Delta H \left(\frac{Pa}{Pstd}\right)}$	<u>)(Tstd</u> )		Qa	$\sqrt{\Delta H(Ta/Pa)}$	
	(m3)	(x-axis)	(y-ax	the second s	Va	(x-axis)	(y-axis)	
	1.0035	0.6878	1.419		0.9958	0.6825	0.8821	
	0.9993	0.9599	2.007		0.9915	0.9525	1.2475	
	0.9973	1.0712	2.244		0.9895	1.0629	1.3948	
	0.9961	1.1268	2.354		0.9884	1.1180	1.4628	
	0.9909	1.5556 m=	2.05		0.9652	1.3432 <b>m=</b>	1.7642 1.33386	
	QSTD	b=	-0.041		QA	b=	-0.02601	
	4010	r=	0.999		Qn .	r=	0.99996	
				Calculation	l			
	Vstd=	ΔVol((Pa-ΔP)	/Pstd)(Tstd/Ta		and the second se	∆Vol((Pa-∆F	P)/Pa)	
	and the second se	Vstd/ATime	, , ( , )	.,		Va/ATime	,,,	
			For subsequ	ent flow rat				
	Qstd=	1/m (( \\ \[ \[ \Lambda H (-	Pa <u>(Tstd</u> ) Pstd Ta	) )-b)	Qa=	11	(Ta/Pa))-b)	
	Standard	Conditions						
Tstd:	298.15	°К		Г		RECAI	IBRATION	
Pstd:	Contraction of the local data and the local data an	mm Hg		F				1000
I h and the set		ey	1120)				nual recalibratio	
		er reading (ir eter reading (					egulations Part !	
							Reference Meth	
Ta: actual absolute temperature (°K) Determination of Pa: actual barometric pressure (mm Hg)								
	rometric pr	essure (mm l	Hg) I	1	+ -	Atmochha	re, 9.2.17, page	20 1

sch Environmental, Inc.

45 South Miami Avenue

illage of Cleves, OH 45002

<u>www.tisch-env.com</u> TOLL FREE: (877)263-7610 FAX: (513)467-9009

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Page 1 of 1

Report no.: 183057CA185391

# CALIBRATION CERTIFICATE OF SOUND LEVEL METER

## **Client Supplied Information**

Client : Materialab Consultants 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.	:	1057034	01378	002317
Equipment ID	:	N-64		
Next Calibration Date	:	15-Aug-2019		
Specification Limit	:	EN 61672: 2003 Type 1		

## Laboratory Information

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

Date of Calibration : 16-Aug-2018 Ambient Temperature : 22 °C

Calibration Location : Calibration Laboratory of FTS

Method Used : By direct comparison

### **Calibration Results :**

Parame	ters	Mean Value (dB)	Specific	ation	Limit(dB)
A-weigthing frequency response	4000Hz	2.3	2.6	to	-0.6
	2000Hz	1.1	2.8	to	-0.4
	1000Hz	0.1	1.1	to	-1.1
	500Hz	-2.7	-1.8	to	-4.6
	250Hz	-8.1	-7.2	to	-10.0
	125Hz	-15.4	-14.6	to	-17.6
	63Hz	-25.4	-24.7	to	-27.7
	31.5Hz	-38.4	-37.4	to	-41.4
Differential level	94dB-104dB	0.0		± 0.6	3
linearity	104dB-114dB	0.0		± 0.6	3

### **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 range is 30-130dB, reference SPL is 94,104 & 114dB, frequency weighting is A,
- 4. For differential level linearity: range setting is 60-120dB, frequency weighing is A & time weighing is fast
- 4. The equipment does comply with EN 61672: 2003 Type 1 sound level meter for the above measurement.

Checked by : William	Date: 22-8-2018 Certified by: KT Loung Date: >>-8->>018
CA-R-297 (22/07/2009)	Leung Kwok Tai (Assistant Manager)
	** End of Penort **

** End of Report **



# Certificate of Conformity and Calibration

Instrument Model:- Serial Number Firmware revision	<b>CEL-633</b> 1488270 V006-03	A			
<u>Microphone Type:-</u> Serial Number	CEL-251 2772		nplifier Type:- Number	CEL-495 004014	
Instrument Class/Type:-	1				
Applicable standards:-					
IEC 61672: 2002 / EN 606 IEC 60651 1979 (Sound L			ns For Sound Leve	el Meters)	
Note:- The test sequences p Standard - IEC61672. The col electro-acoustic performance Standards - IEC60651 and IE	mbination of tests perfe to all applicable standa	ormed are considered to cor	firm the products	level meter	10
Test Conditions:-	30 °C 58 %RH 1003 mBar	Test Engineer:- Date of Issue:-	Chris Taylor September 7,	2018	

### Declaration of conformity:-

This test certificate confirms that the instrument specified above has been successfully tested to comply with the manufacturer's published specifications. Tests are performed using equipment traceable to national standards in accordance with Casella's ISO 9001:2008 quality procedures. This product is certified as being compliant to the requirements of the CE Directive.

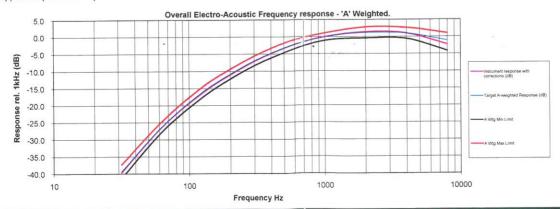
Test	Sumi	mary	1:

Self Generated Noise Test	All Tests Pass
Electrical Signal Test Of Frequency Weightings	All Tests Pass
Frequency & Time Weightings At 1 kHz	All Tests Pass
Level Linearity On The Reference Level Range	All Tests Pass
Toneburst Response Test	All Tests Pass
C-peak Sound Levels	All Tests Pass
Overload Indication	All Tests Pass
Acoustic Tests	All Tests Pass

### Combined Electro-Acoustic Frequency Response - A Weighted

Combined Electro-Acoustic Frequency Response - A Weighted (IEC 61672-3:2006)

The following A-Weighted frequency response graph shows this instruments overall frequency response based upon the application of multi-frequency pressure field calibrations. The microphones Pressure to Free field correction coefficients are applied to pressure response. Reference level taken at 1kHz.



#### Casella UK

Regent House, Wolseley Road, Kempston, Bedford MK42 7JY United Kingdom Tel: +44 (0) 1234 844100 Fax: +44(0) 1234 841490 E-mail: info@casellasoluti

### Casella USA

415 Lawrence Bell Drive, Unit 4 Buffalo, NY 14221, USA Toll Free (800) 366-2966 Tel: +1 (716) 276 3040 E-mail: info@casellausa.com

olutions.com

### Casella India

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#### Casella China

ldeal Industries China Room 305, Building 1, No.1279, Chuanqiao Rd, Pudong New District, Shanghai, China

Tel: +86-21-31263188 Fax: +86-21-61605906 Email: info@casellasolutions.cn

### Casella Australia

Ideal Industries (Aust) PTY. LTD Unit 17, 35 Duniop Rd, Mulgrave. Vic. 3170, Australia.

Email: australia@casellasolutions.com

Tested to CEL-63X test sheet TP444 revision 01-00



# Certificate of Conformity and Calibration

Instrument Model:- Serial Number Firmware revision	<b>CEL-633A</b> 1488271 V006-03			
<u>Microphone Type:-</u> Serial Number	<b>CEL-251</b> 2809	<u>Preampl</u> Serial No	lifier Type:- umber	CEL-495 003984
Instrument Class/Type:-	1			
Applicable standards:-				
IEC 61672: 2002 / EN 60651 (Ele IEC 60651 1979 (Sound Level M			For Sound Level N	leters)
Note:- The test sequences perform Standard - IEC61672. The combinatio electro-acoustic performance to all ap Standards - IEC60651 and IEC60804	n of tests perfor plicable standar	med are considered to confirm	m the products	el meter
<u>Test conditions.</u>	31 °C 51 %RH 00 mBar	Test Engineer:- Date of Issue:-	Chris Taylor September 7, 20	18

### Declaration of conformity:-

This test certificate confirms that the instrument specified above has been successfully tested to comply with the manufacturer's published specifications. Tests are performed using equipment traceable to national standards in accordance with Casella's ISO 9001:2008 quality procedures. This product is certified as being compliant to the requirements of the CE Directive.

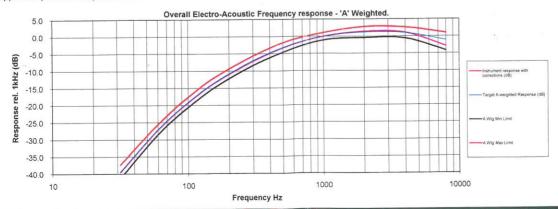
#### Test Summary:-

Self Generated Noise Test	All Tests Pass
Electrical Signal Test Of Frequency Weightings	All Tests Pass
Frequency & Time Weightings At 1 kHz	All Tests Pass
Level Linearity On The Reference Level Range	All Tests Pass
Toneburst Response Test	All Tests Pass
C-peak Sound Levels	All Tests Pass
Overload Indication	All Tests Pass
Acoustic Tests	All Tests Pass

### Combined Electro-Acoustic Frequency Response - A Weighted

Combined Electro-Acoustic Frequency Response - A Weighted (IEC 61672-3:2006)

The following A-Weighted frequency response graph shows this instruments overall frequency response based upon the application of multi-frequency pressure field calibrations. The microphones Pressure to Free field correction coefficients are applied to pressure response. Reference level taken at 1kHz.



#### Casella UK

Regent House, Wolseley Road, Kempston, Bedford MK42 7JY United Kingdom Tel: +44 (0) 1234 844100 Fax: +44(0) 1234 841490 E-mail: info@casellasolutions.com

### Casella USA

415 Lawrence Bell Drive, Unit 4 Buffalo, NY 14221, USA Toll Free (800) 366-2966 Tel: +1 (716) 276 3040 E-mail: info@casellausa.com

#### Casella India

Ideal Industries India Pvt.Ltd. 229-230, Spazedge, Tower -B Sohna Road, Sector-47, Gurgaon-122001, Haryana , India Tel: +91 124 4495100 E-mail: casella.sales@ideal-industries.in

### Casella China

Ideal Industries China Room 305, Building 1, No. 1279, Chuanqiao Rd, Pudong New District, Shanghai, China

# Tel: +86-21-31263188 Fax: +86-21-61605906 Email: info@casellasolutions.cn

Casella Australia

# Ideal Industries (Aust) PTY. LTD Unit 17, 35 Dunlop Rd, Mulgrave. Vic. 3170, Australia.

Email: australia@casellasolutions.com

Tested to CEL-63X test sheet TP444 revision 01-00



CEL-495 003917

# Certificate of Conformity and Calibration

Preamplifier Type:-

Serial Number

Instrument Model:-	CEL-633A
Serial Number	1488289
Firmware revision	V006-03
Microphone Type:-	CEL-251
Serial Number	2706

Instrument Class/Type:-

### Applicable standards:-

IEC 61672: 2002 / EN 60651 (Electroacoustics - Sound Level Meters) IEC 60651 1979 (Sound Level Meters), ANSI S1.4: 1983 (Specifications For Sound Level Meters)

1

Note:- The test sequences performed in this report are in accordance with the current Sound level meter Standard - IEC61672. The combination of tests performed are considered to confirm the products electro-acoustic performance to all applicable standards including superceeded Sound Level Meter Standards - IEC60651 and IEC60804.

Test Conditions:-	31 °C 51 %RH	Test Engineer:- Date of Issue:-	Chris Taylor September 10, 2018	
	1000 mBar			

### Declaration of conformity:-

This test certificate confirms that the instrument specified above has been successfully tested to comply with the manufacturer's published specifications. Tests are performed using equipment traceable to national standards in accordance with Casella's ISO 9001:2008 quality procedures. This product is certified as being compliant to the requirements of the CE Directive.

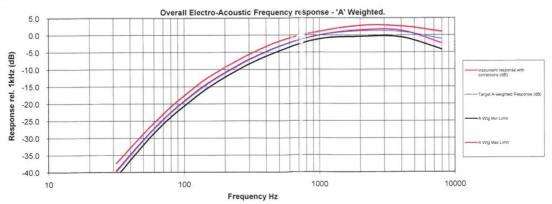
Т	es	t S	um	ma	ry:-

Self Generated Noise Test	All Tests Pass
Electrical Signal Test Of Frequency Weightings	All Tests Pass
Frequency & Time Weightings At 1 kHz	All Tests Pass
Level Linearity On The Reference Level Range	All Tests Pass
Toneburst Response Test	All Tests Pass
C-peak Sound Levels	All Tests Pass
Overload Indication	All Tests Pass
Acoustic Tests	All Tests Pass

#### Combined Electro-Acoustic Frequency Response - A Weighted

Combined Electro-Acoustic Frequency Response - A Weighted (IEC 61672-3:2006)

The following A-Weighted frequency response graph shows this instruments overall frequency response based upon the application of multi-frequency pressure field calibrations. The microphones Pressure to Free field correction coefficients are applied to pressure response. Reference level taken at 1kHz.



#### Casella UK

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Casella USA

Ideal Industries India Pvt Ltd. 229-230, Spazedge, Tower -B Sohna Road, Sector-47, Gurgaon-122001, Ha yana , India Tel: +91 124 4495100 E-mail: casella sales@jdeal-industries in

Casella India

Casella China

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Tel: +86-21-31263188 Fax: +86-21-61605906 Email: info@casellasolutions.cn Casella Australia

Ideal Industries (Aust) PTY. LTD Unit 17, 35 Dunlop Rd, Mulgrave. Vic. 3170, Australia.

Email: australia@casellasolutions.com

Tested to CEL-63X test sheet TP444 revision 01-00

Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong. Tel : +852 2450 8233 Fax : +852 2450 6138 E-mail : matlab@fugro.com Website : www.fugro.com



Page 1 of 1

Report no.: 183057CA185248

# **CALIBRATION CERTIFICATE OF SOUND CALIBRATOR**

## **Client Supplied Information**

Client : MateriaLab Consultants Ltd.

**Project : Calibration Services** 

## Details of Unit Under Test, UUT

Description	:	Sound Calibrator
Manufacturer	:	Casella (Model CEL-120/1)
Serial No.	•	4358250
Equipment ID	:	N/A
Next Calibration Date	:	02-Jul-2019
Specification Limit	:	EN 60942: 2003 Type 1

# Laboratory Information

Description	:	Reference Sound level	meter		
Equipment ID.	Equipment ID. : R-119-1				
Date of Calibrati	ion	: 03-Jul-2018	Ambient Temperature :	22	°C
Calibration Loca	ation	n: Calibration Laborato	ry of FTS		
Method Used	:	By direct comparison			

# **Calibration Results :**

Parameters (Setting of UUT)	Mean Value (error of measurement)	Specification Limit(dB)	
94dB	0.0 dB		
114dB	0.1 dB	±0.4dB	

# **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 equipment does comply with the specification limit.

Checked by : William	Date : 10 - 7 - 2018 Certified by : Date : Date :
CA-R-297 (22/07/2009)	Chan Chun Wai (Manager)

** End of Report **

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Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong. Tel : +852 2450 8233 Fax : +852 2450 6138 E-mail : matlab@fugro.com Website : www.fugro.com



Page 1 of 1

Report no.: 183057CA185228

# CALIBRATION CERTIFICATE OF SOUND CALIBRATOR

## **Client Supplied Information**

Client : MateriaLab Consultants Ltd.

**Project : Calibration Services** 

## Details of Unit Under Test, UUT

Description	:	Sound Calibrator
Manufacturer	:	Casella (Model CEL-120/1)
Serial No.	:	4358289
Equipment ID	:	N/A
Next Calibration Date	:	25-Jun-2019
Specification Limit	:	EN 60942: 2003 Type 1

# Laboratory Information

Description		Reference Sound level r	neter		
Equipment ID.	Equipment ID. : R-119-1				
Date of Calibration	on :	26-Jun-2018	Ambient Temperature :	22	°C
Calibration Locat	tion	: Calibration Laborator	ry of FTS		
Method Used	÷	By direct comparison			

# **Calibration Results :**

Parameters (Setting of UUT)	Mean Value (error of measurement)	Specification Limit(dB)
94dB	-0.2 dB	10.410
114dB	-0.1 dB	±0.4dB

# **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 equipment does comply with the specification limit.

Checked by : William	Date : 28-6-20	Certified by :	han_Date :_	4.7.2018
CA-R-297 (22/07/2009)		Chan (	Chun Wai (Manager)	

** End of Report **

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Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong. Tel : +852 2450 8233 Fax : +852 2450 6138 E-mail : matlab@fugro.com Website : www.fugro.com



Page 1 of 1

Report no.: 183057CA185294

# CALIBRATION CERTIFICATE OF SOUND CALIBRATOR

## **Client Supplied Information**

Client : MateriaLab Consultants Ltd.

**Project : Calibration Services** 

## Details of Unit Under Test, UUT

Description	:	Sound Calibrator
Manufacturer	:	Casella (Model no. CEL-120/1)
Serial No.	:	5230736
Equipment ID	÷	FY-SLC-01
Next Calibration Date	·	18-Jul-2019
Specification Limit	:	EN 60942: 2003 Type 1

# Laboratory Information

Description	:	Reference Sound level	meter		
Equipment ID.	:	R-119-1			
Date of Calibrat	tion	: 19-Jul-2018	Ambient Temperature :	22	°C
Calibration Loca	atior	n: Calibration Laborato	ry of FTS		
Method Used	:	By direct comparison			

# **Calibration Results :**

Parameters (Setting of UUT)	(Setting of UUT) Mean Value (error of measurement)			
94dB	0.0 dB	+0.4dP		
114dB	-0.2 dB	±0.4dB		

### **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 equipment does comply with the specification limit.

Checked by : Date :	28 -7 - 2018 Certified by :	han	Date : 73.7, soll-
CA-R-297 (22/07/2009)	Chan Ch	nun Wai (Manag	er)

** End of Report **

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Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong.

: +852 2450 8233 Tel Fax : +852 2450 6138 E-mail : matlab@fugro.com Website : www.fugro.com



Page 1 of 1

# Report no.: 172379CA180671(1) CALIBRATION CERTIFICATE OF SOUND CALIBRATOR

## **Client Supplied Information**

Client : MateriaLab Consultants 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 Calibrator
Manufacturer	:	Casella (Model no. CEL-120/1)
Serial No.	:	5230742
Next Calibration Date	:	10-Apr-2019
Specification Limit	1	EN 60942: 2003 Type 1

## Laboratory Information

Description	;	Reference Sound Level	Meter		
Equipment ID.	:	R-119-1			
Date of Calibrat	tion	: 11-Apr-2018	Ambient Temperature :	21	°C
Calibration Loca	atio	n: Calibration Laborato	ry of FTS		
Method Used		By direct comparison			

# **Calibration Results :**

Parameters (Setting of UUT)	Mean Value (error of measurement)	Specification Limit (dB)	
94dB	-0.4 dB	+0.4dP	
114dB	0.0 dB	±0.4dB	

### **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 equipment does comply with the specification limit.

Checked by :	J	Date : <u>16 (6 2018</u>	_ Certified by :	hom	_Date : 164.300
CA-R-297 (22/07/2009)	1		Chan	Chun Wai (Man	lager)
		**	End of Report **	*	

** End of Report **

Fugro Development Centre, 5 Lok Yi Street, Tai Lam, Tuen Mun, N.T., Hong Kong. Tel : +852 2450 8233 Fax : +852 2450 6138 E-mail : matlab@fugro.com Website : www.fugro.com



Appendix E

**Environmental Monitoring Schedule** 

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
							1
	2	3	4	5	6	7	٤
			AMS 2 Villa Le Parc				
			AMS 3A Wai Wai Centre				
			AMS 7A Sheung Wo Che				
			AMS 9 Shatin Tsung Tsin School				
			NMS 2, NMS 3, NMS 5A, NMS 6A,				
			NMS 25A, NMS 11, NMS 12, NMS	NMS 1, NMS 4, NMS 8, NMS 7,			
			14, NMS 15, NMS17, NMS 16, NMS				
			24, NMS 10A	NMS 20, NMS 23, NMS 26, NMS 27			
		10			13	14	1
		AMS 2 Villa Le Parc				AMS 2 Villa Le Parc	
		AMS 3A Wai Wai Centre				AMS 3A Wai Wai Centre	
		AMS 7A Sheung Wo Che				AMS 7A Sheung Wo Che	
		AMS 9 Shatin Tsung Tsin School				AMS 9 Shatin Tsung Tsin School	
		NMS 2, NMS 3, NMS 5A, NMS 6A,				NMS 2, NMS 3, NMS 5A, NMS 6A,	
		NMS 25A, NMS 11, NMS 12, NMS	NMS 1, NMS 4, NMS 8, NMS 7,			NMS 25A, NMS 11, NMS 12, NMS	NMS 1, NMS 4, NMS 8, NMS 7,
			NMS9, NMS 13, NMS 18, NMS 19,			14, NMS 15, NMS17, NMS 16, NMS	
December 2018		24, NMS 10A	NMS 20, NMS 23, NMS 26, NMS 27			24, NMS 10A	NMS 20, NMS 23, NMS 26, NMS 27
	16	17	18	19	20	21	2
					AMS 2 Villa Le Parc		
					AMS 3A Wai Wai Centre		
					AMS 7A Sheung Wo Che		
					AMS 9 Shatin Tsung Tsin School		
					NMS 2, NMS 3, NMS 5A, NMS 6A,		
					NMS 25A, NMS 11, NMS 12, NMS	NMS 1, NMS 4, NMS 8, NMS 7,	
						NMS9, NMS 13, NMS 18, NMS 19,	
					24, NMS 10A	NMS 20, NMS 23, NMS 26, NMS 27	
	23	24	25	26			2
		AMS 2 Villa Le Parc				AMS 2 Villa Le Parc	
		AMS 3A Wai Wai Centre				AMS 3A Wai Wai Centre	
		AMS 7A Sheung Wo Che				AMS 7A Sheung Wo Che	
		AMS 9 Shatin Tsung Tsin School				AMS 9 Shatin Tsung Tsin School	
					NMS 2, NMS 3, NMS 5A, NMS 6A,		
					NMS 25A, NMS 11, NMS 12, NMS	NMS 1, NMS 4, NMS 8, NMS 7,	
					14, NMS 15, NMS17, NMS 16, NMS		
					24, NMS 10A	NMS 20, NMS 23, NMS 26, NMS 27	
	30	31		1	,		1
		51	1				
			1				
		1	1				

Remark

1. Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.

2. The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Sature	day
			1	2		3 4	1	4
					AMS 1 Scenery Court			
					AMS 4A Wai Wah Centre			
					AMS 12 Fung Wo Est			
					AMS 15 Ha Wo Che			
						NMS 8, NMS9, NMS 10A, NMS 11, NMS		
					NMS 6A, NMS 7, NMS 15, NMS 16, NMS			
					18,NMS 23, NMS 27	NMS 20, NMS 24, NMS 25A, NMS 26,		
	6	7	8	9	10,100 25,100 27		1	1
		,	,	AMS 1 Scenery Court				
				AMS 4A Wai Wah Centre				
				AMS 12 Fung Wo Est				
				AMS 15 Ha Wo Che				
					NMS 8, NMS9, NMS 10A, NMS 11, NMS			
				NMS 6A, NMS 7, NMS 15, NMS 16, NMS				
				18,NMS 23, NMS 27	NMS 20, NMS 24, NMS 25A, NMS 26,			
	13	14	15			18	,	1
	13	14	AMS 1 Scenery Court	10	1	10	5	
			-					
			AMS 4A Wai Wah Centre					
Jan-19			AMS 12 Fung Wo Est					
			AMS 15 Ha Wo Che					
				NMS 8, NMS9, NMS 10A, NMS 11, NMS				
			NMS 6A, NMS 7, NMS 15, NMS 16, NMS					
			18,NMS 23, NMS 27	NMS 20, NMS 24, NMS 25A, NMS 26,				
	20		22	23	24		5	2
		AMS 1 Scenery Court				AMS 1 Scenery Court		
		AMS 4A Wai Wah Centre				AMS 4A Wai Wah Centre		
		AMS 12 Fung Wo Est				AMS 12 Fung Wo Est		
		AMS 15 Ha Wo Che				AMS 15 Ha Wo Che		
		NMS 1, NMS 2, NMS 3, NMS 4, NMS 5A,	NMS 8, NMS9, NMS 10A, NMS 11, NMS					
		NMS 6A, NMS 7, NMS 15, NMS 16, NMS	12, NMS 13, NMS 14, NMS17, NMS 19,					
		18,NMS 23, NMS 27	NMS 20, NMS 24, NMS 25A, NMS 26,					
	27	28	29	30	31	l		
					AMS 1 Scenery Court			
					AMS 4A Wai Wah Centre			
					AMS 12 Fung Wo Est			
					AMS 15 Ha Wo Che			
		NMS 1, NMS 2, NMS 3, NMS 4, NMS 5A	NMS 8, NMS9, NMS 10A, NMS 11, NMS				1	
		NMS 6A, NMS 7, NMS 15, NMS 16, NMS						
		18,NMS 23, NMS 27	NMS 20, NMS 24, NMS 25A, NMS 26,					
		monitoring may be subjected to change due to		1		1	1	

Remark 1. Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.

2. The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.

# Jockey Club Ti-I College

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# 校曆表 2018/2019

				DAY	ζ					
	S	М	Т	W	Т	F	S	10.570亿子权佔3	<i>\$</i> /J	
Sep							1	* 開學禮	3/9	
2018	2	<u>3</u>	4 _{1A}	$5_{AB}$	6 _B	$7_{\rm C}$	8	* 特別上課時間表	4-6/9	
	9	10 _D	$11_E$	$12_{\rm F}$	13 _G	14 _H	15	* 夏令時間表	4-14/9	
	* <u>16</u>	17 _{2A}	18 _B	19 _C	20 _D	$21_{\rm E}$	22	* 教育主日	16/9	
	23	$24_{\rm F}$	#25	26 _G	27 _H	28 _{3A}	* <u>29</u>	# 中秋節翌日	25/9	
	30							* 中華基督教會創會百周年	29/9	
Oct		#1	#2	* <u>3</u>	$4_{\rm B}$	$5_{\rm C}$	6	# 國慶日	1/10	
	7	8 _D	9 _E	10 _F	11 _G	*12 _H	13	# 學校假期	2/10	
	14	15 _{4A}	16 _B	#17	18 _C	19 _D	20	* 水運會	3/10	
	21	22 _E	23 _F	24 _G	°25 _н	265A		中六溫習日	4/10	
	28	29 _B	30 _C	31 _D				中六第一學期考試	5-18/10	
Nov					$1_{E}$	*2 _G	3	温智周	8-12/10	
	4	5 _H	6 _F	7 _{6A}	8 _B	9 _C	10	* 中一至中三家長晚會	12/10 (7 pm)	
	11	12 _D	13 _E	$14_{\rm F}$	15 _G	16 _H		# 重陽節	17/10	
	18	$19_{B}$	20 _C	21 _{7A}	* <u>22</u>	* <u>23</u>	* <u>24</u>	* 家教會周年大會及委員會改選	2/11(7 pm)	
	25	26 _D	$27_{\rm E}$	$28_{\mathrm{F}}$	29 _G	$^{\circ}30_{H}$		福音周	5-9/11	
Dec							1	* 中六家長日	17/11	
	2	3 _{8A}	$4_{\mathrm{B}}$	$5_{\rm C}$	6 _D	$7_{\rm E}$	8	* 旅行	22/11	
	9	$10_{\rm F}$	11 _G	$12_{\rm H}$	13 _{9A}	$14_{B}$	15	* 教師發展日	23/11	
	16	17 _C	$18_{D}$	$19_{\rm E}$	*20 _F	* <u>21</u>	22	* 小六訪校開放日	24/11	
	23	#24	#25	#26	#27	#28	#29	* 聖誕節崇拜	20/12	
	#30	#31						* 聖誕聯歡	21/12	
Jan			#1	2	3	4	5	# 聖誕及新年假期	24/12-1/1	
2019	6	7	8	9	10	11	12	第一學期考試(中一至中五)	2-15/1	
	13	14	15	16 _G		18 _{10A}	19	中六模擬考試	2-18/1	
	20	21 _B	22 _C	23 _D	24 _E	$25_{\rm F}$	26	* 陸運會	28/1 & 29/1	
	27	* <u>28</u>	* <u>29</u>	#30	#31			# 陸運會翌日	30/1	
Feb						#1		# 農曆新年假期	31/1-9/2	
	#3	#4	#5	#6	#7	#8		中六惜别活動日	15/2	
	10	11 _G	12 _н	13 _B		15 _{11A}		中六最後上課日 ####	15/2	
	17		19 _E	20 _F		22 _H	23	英語周	18-22/2	
	24	25 _{12A}	26 _B	27 _D	28 _E	-		中六特別上課日(暫定)	27-28//2 & 1/3	

# 學校假期

°生涯規劃:採用特別時間表

*特別上課日:採用特別時間表

				DAY				假期及學校活動
	s	М	Т	W	Т	F	S	成州及平权冶助
Mar					The .	*1 _c	* <u>2</u>	中六特別上課日(暫定) 27-28/2 & 1/3
	3	#4	$5_{\rm F}$	°6 _G	$7_{\rm H}$	8 _{13A}	9	* 中一至中五家長日 1/3 (pm) & 2/3
	10	$11_{B}$	12 _C	$13_{D}$	$14_{\rm E}$	15 _F	16	# 家長日翌日 4/3
	17	18 _G	$19_{\rm H}$	20 _{14A}	21 _B	22 _C	23	
	24	25 _D	$26_E$	$27_{\rm F}$	28 _G	29 _H	30	
	31							# 清明節 5/4
Apr		1 _{15A}	2 _B	$3_{\rm C}$	$4_{\rm D}$	#5	6	* 復活節崇拜 9/4
	7	°8 _E	*9 _F	* <u>10</u>	* <u>11</u>	* <u>12</u>	13	* 中一至中五其他學習經歷日 10-12/4
	14	#15	#16	#17	#18	#19	#20	# 復活節假期 15-22/4
	#21	#22	$23_G$	$24_{\rm C}$	*25 _F	* <u>26</u>	27	* 校慶慶祝 26/4
	28	29 _H	30 _{16A}					# 勞動節 1/5
May				#1	2 _B	$3_{\rm D}$	4	溫習周 6-10/5
	5	$6_E$	$7_{G}$	$8_{\rm H}$	9 _{17A}	$10_{B}$	11	# 佛誕翌日 13/5
	12	#13	$14_{\rm C}$	15 _D	$^{\circ}16_{E}$	$17_{\rm F}$	* <u>18</u>	夏令時間表 17/5-29/5
	19	$20_G$	$21_{\rm H}$	22 _{18A}	$23_{\rm B}$	$24_{\rm C}$	25	* 畢業禮 18/5
	26	27 _D	$28_{\rm E}$	$29_{\rm F}$	* <u>30</u>	31		* 教師發展日 30/5
Jun							1	中一至中三期終試 31/5-14/6
	2	3	4	5	6	#7	8	中四至中五期終試 31/5-19/6
	9	10	11	12	13	14	15	# 端午節 7/6
	16	17	18	* <u>19</u>	* <u>20</u>	* <u>21</u>	22	* 中三系統性評估 18-19/6 (21/6)
	23	24 ¹	25 ¹¹	26 ^{III}	27 ^{IV}	* <u>28</u>	29	* 英語音樂劇訓練營 19 (pm)-21/6
	30							中一至中三試後上課日 24-26/6
Jul		#1	*2	* <u>3</u>	* <u>4</u>	* <u>5</u>	6	中四至中五試後上課日 24-27/6
	7	* <u>8</u>	9 ^v	* <u>10</u>	#11	#12	#13	* 英語音樂劇綵排 28/6 & 2/7
	#1 <b>4</b>	#15	#16	#17	#18	#19	#20	#香港特別行政區成立紀念日 1/7
	#21	#22	#23	#24	#25	#26	#27	* 校務會議 2/7
	#28	#29	#30	#31				* 英語音樂劇公演 3-5/7
Aug					#1	#2	#3	* 教師會議 8/7
	#4	#5	#6	#7	#8	#9	#10	中四獨立專題探究日 9/7
	#11	#12	#13	#14	#15	#16	#17	* 中學學位分配結果公布 9/7
	#18	#19	#20	#21	#22	#23	#24	* 香港中學文憑試放榜日 10/7
	#25	#26	#27	#28	#29	#30	#31	* 散學禮 10/7
							. 1	# 暑假 11/7
								* 中一入學前香港學科測驗 16/7

# 學校假期

°生涯規劃:採用特別時間表 *特別上課日:採用特別時間表

# <u> 培英中學2018至2019年度校曆表</u>

_		日	1	-1	Щ	四	五	六	假期及注意事項
週	と	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(24-25/8)中一適應營
次	_							( - )	
	月	(26)	(27)	(28)	(29)	(30)	(31)	Sept	
1	九							зері 1	
2	-	2	3	4	5	6	7	8	(3/9)開學禮 (4/9)正式上課 (7/9)開學崇拜會
3		9	10	11	12	13	14	15	(10/9)中一至中四學生開始繳交周記
			10			10		15	(11/9)各班拍攝學生相片
4	月	16	17	18	19	20	21	22	
5		23	$24^{ riangle}$	(25)	26	27	28	$29^{ riangle}$	<ul><li>(24/9)水運會同樂日</li><li>(25/9)中秋節翌日假期</li><li>(29/9下午)區會創會百周年感恩崇拜</li></ul>
			Oct						(1/10)國慶日假期 (2-5/10)學生會網上選舉
6	+	30	(1)	2	3	4	5	6	(2-5/10)國慶活動暨中國周
7		7	8	9	10	11	12	13	(12-14/10)風紀組訓練營
<u> </u>		'	0		10	11	12	15	(13/10)香港培英校友會校友日
8		14	15	16	(17)	18	19	20	(17/10) 重陽節假期
	5								(19/10)學生領袖就職典禮
9	月	21	22	23	24	25	26	27	
$\vdash$						Nov			(29/10-2/11)中一至中六級統一測驗
10	+	28	29 ^т	30 ^t	31 ^t	1 ^T	2 ^т	3	(2/11)中一級生涯規劃工作坊 及 中五級IES工作坊
11	1	4	$5^{\triangle}$	6	7	8	9	10	(5/11)第六十屆陸運會(第一天)
12		11	$12^{ riangle}$	(13)	14	15	16	$17^{ riangle}$	(12/11)第六十屆陸運會(第二天) (13/11)教師發展日(1)
12	月	10	10	)	21	22	22	24	(14/11-18/12)學業奮進計劃 (17/11下午)家長教師會第二十一屆會員大會
13		<b>18</b> △	19	20	21	22	23		<ul> <li>(18/11)南區中學巡禮</li> <li>(29/11)旅行日</li> <li>(29-30/11)中一級境外考察</li> </ul>
14	+	25	26	27	28	$29^{ riangle}$	(30)		(30/11)旅行日翌日假期
15		2	3	4	5	6	7	8	(3-7/12)敬師周
15	-	Z	5	4	5	0	/	0	(8/12)中西南區小學數學比賽
16	_	9	10	11	12	$13^{\bigtriangleup}$	14	15	
17	5	16	17	18	19	20	(21)	(22)	(17-19/12)中六級校外模擬考試 (19/12下午)聖誕遊藝會綵排 (20/12)時に見たせまた。 (21/12-1/1)時は見たた何時以上25
18	月	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(20/12)慶祝聖誕崇拜及遊藝會 (21/12-1/1)聖誕及新年假期共12天 (21,24,27,28/12)中六級補課
10		(23)	()	Jan	(20)	(	(20)	()	$(x \rightarrow y \rightarrow $
19	-	(30)	(31)		2	3	4	5	
20		6	7	8	9 ^E	10 ^E	11 ^e	12	(9-18/1)中一至中五級上學期期考共8天
21		13	14 ^E	15 ^E	16 ^E	17 ^E	18 ^E	19	
$\square$	ы								<ul><li>(9-23/1)中六級畢業試</li><li>(21-23/1)中一至中五級試後回饋日 (21/1下午)中三升中四選科工作坊</li></ul>
22	月	20	21 ^E	22 ^E	23 ^E	24	25	$26^{ riangle}$	(21-23/1)中一至甲五級試後回領日 (21/1ト午)甲二井甲四選科工作功 (22/1下午)中四、五級Career Live職業體驗遊戲 (23/1下午)中五級學習概覽講座
		20	21		20	2.	20	20	(22/1 下 十) 干 四、五級Cateer Live藏 亲 短 報 边 段 (23/1 下 十) 干 五級 字 首 概 見 講 座 (24/1) 下學期開始 (24/1-1/3) 中 六級 試後上課日 (26/1) 「學校起動計劃」 生涯規劃日
							FEB		(28/1)中一至中四級學生開始繳交周記
	_			0.0	20		125		(28-30/1)中一至中五級上學期補考
23 24	-	27	28	29	30	31	(1) (8)		(1-13/2)農曆新年假期共13天
24 25		(3) (10)	(4) (11)	(5) (12)	(6) (13)	(7) 14	(8) 15	<b>(9)</b> 16	
26		17	18	19	20	21	(22)		
27	月	24	25	26	27	28	ý		(25-28/2)福音周 (28/2)佈道會
21		24	25	20	21	20			(27/2)畢業典禮習禮、中六級進行學生持份者問卷及教學評鑑
	(	) - 催	段期	E - 考	き試	△特別	別活動	$\bigcirc$	教師發展日,學生不用上課

# <u> 培英中學2018至2019年度校曆表</u>

	[	H	-	-	=	四	五	六	假期及注意事項
		H		-	-	4	Mar	~	
27	Ξ						1	2	(1/3)中六級感恩惜別會 (2/3)家長日
28		3	4	5	6	7	8	9	(4/3)中六級開始溫習應付公開試 (8/3)頒獎禮
29		10	11	12	13	14	15	16	(11-15/3)英語及數理周 (16/2工な)由これ中四週旬港市
30	月	17	18	19	20	21	22	23	<ul><li>(16/3下午)中三升中四選科講座</li><li>(22-24/3)趁墟做老闆</li></ul>
31		24	25	26	20	21 28 ^T	29 ^T	30	(22/2-24/5) / 应强 (22/3-30/4) 香港中學文憑考試 (28/3-3/4) 中一至中五級統一測驗 (29/3-30/4) 香港中學文憑考試
51		24	Apr	20	27	20	2)	50	(3/4)中二級生涯規劃工作坊
32	四	31	1 ^T	2 ^т	3 ^T	4	(5)	6	(5/4)清明節假期
33		7	0	9	10	11	12	13	(8/4)教師發展日(3)
33		1	8	2	10	11	12	15	(12/4)復活節崇拜會
34		$14^{ riangle}$	(15)	(16)	(17)	(18)	( <b>19</b> )	(20)	(14/4)親子旅行日
					()		()	()	(15-22/4)復活節假期共8天
35	月	(21)	(22)	23	$24^{ riangle}$	(25)	26	27	(23/4下午)校祖日綵排 (24/4)校祖日感恩崇拜暨慶祝活動 (25/4)下京早期日期期 (27/4)下京計算机
$\left  - \right $					May				<ul> <li>(25/4)校祖日翌日假期</li> <li>(27/4)區會模範生頒獎典禮</li> <li>(29/4或30/4)中三全港性系統評估口試</li> </ul>
36					iviay				(29/4-31/5)學業奮進計劃
	五	28	29	30	(1)	2	3	4	(1/5)勞動節假期 (3/5)TSA口試後備日
37		5	6	7	8	9	10	11	(6-10/5)藝術周
38		12	(13)	14	15	16	17	18	(13/5)佛誕日翌日假期 (17/5下午)畢業典禮
									(17/5晚上)歡送畢業生暨校友會迎新晚會
39		19	20	21	22	23	24	25	(24/5或25/5)畢業禮後備日
	月							Jun	
40		26	27	28	29	30	31	1	
41		2	3 ^E	4 ^E	5 ^E	6 ^E	(7)		(3-13/6)中一至中四級下學期考試共8天 (7/6)端午節假期
42	<b>六</b>	9	10 ^E	11 ^E	12 ^E	13 ^E	14 ^e	15	(3-18/6)中五級下學期考試共11天 (14-18/6)中一至中四級試後回饋日
43		16	17 ^E	18 ^E	<b>19</b> △	$20^{ riangle}$	21	22	(18/6下午)中四級IES工作坊 (19/6下午)中五級學習概覽寫作工作坊 (19-28/6)中五級試後上課周
43		10	17	10	19	20	21	22	(1)-20(0) 中立級武役工政局 (18-19/6) 中三級全港性系統評估(中英數) (21/6)中三級全港性系統評估(後備日)
44	月	23	24	25	26	27	28	29	
44		23	24	23	20	21	20	29	(24-26/6)中一至中五級溫習及補考
		•	Jul				_	_	(1/7)香港特別行政區成立紀念日假期
45	セ	30	(1)	2	3	4	5	6	(2-12/7)暑期英語營 (3/7)中六級中學文憑考試放榜輔導講座
46		7	8	9	$10^{ riangle}$	11	12	13	(8/7)高中護苗課程
					10				(10/7)香港中學文憑考試放榜
	ĺ								(15/7)結業禮及辦理註冊 (15/7)接見家長及學生
47		14	15	(16)	(17)	(18)	( <b>19</b> )	(20)	(16-18/7)各級第二階段溫習及補考
40	月	(21)	(22)	(22)	(2.4)	(25)	(20)	(27)	(16/7-31/8)暑假共47天
48		(21)	(22)	(23)	(24)	(25) Aug	(26)	(27)	
49	л	(28)	( <b>29</b> )	(30)	(31)	(1)	(2)	(3)	
50		(4)	(5)	(6)	(7)	(8)	(9)	(10)	
51		(11)	(12)	(13)	(14)	(15)	(16)	(17)	(12/8)學生繳費及領取書籍校服 (12-23/8)升中導向課程
									(12-23/8)中六級香港中學文憑考試備試課程
52		(18)	( <b>19</b> )	(20)	(21)	(22)	(23)	(24)	
	月	(-0)	()	(-*)	()	()	(-0)	()	(23-24/8)中一適應營
53		(25)	(26)	(27)	(28)	( <b>29</b> )	(30)	(31)	
	九	Sept							(2/9)下學年開學禮
	月	1	2	3	4	5	6	7	(3/9)正式上課

( )- 假期 E-考試 △特別活動 ─ 教師發展日,學生不用上課

# 沙田崇真學校

# 2018 – 19開心學堂上課日共124天 24-8-2018版

	日	_	=	Ξ	四	五	六	假期/事項		日	_	=	Ξ	四	五	六	<b>假期/事項</b>
1	Ŧ			_			1	上學期開始(3/9)	8	E F	1	2	3	X	X	6	學校假期(4/4)清明節(5/4)
ħ	2	3	4	5	6	7	8	P.2-6半天上課(3-7/9)	四	7	8	9	10	11	12	13	家長日(13/4)
	9	10	11	12	13	14	15	P.1半天上課(3-12/9)		14	15	16	X	X	X	20	專題研習周(10/4-15/4)復活節崇拜 (16/4)
月	16	17	18	19	20	21	1       上學期開始(3/9)         8       P.2-6半天上課(3-7/9)         15       P.1半天上課(3-12/9)         22       親師座談會(22/9)         教師專業發展日(24/9)中秋節翌日(25/5         6       國慶日(1/10)         13       20         重陽節(17/10)         27		月	X	X	28	24	25	26	27	復活節假期(17/4-23/4)
	23	24	×	26	27	28	29	教師專業發展日(24/9)中秋節翌日(25/9)		28	29	30					綵排日(29/4)綜藝晚會(30/4)
	30																
21	Ŧ	X	2	3	4	.5	6	國慶日(1/10)	20	F			X	2	3	4	勞動節(1/5) 中小辯論賽(4/5)
+	7	8	9	10	11	12	13		五	5	6	7	8	9	10	11	
	14	15	16	X	18	19	20	重陽節(17/10)		12	X	14	15	16	17	18	佛誕翌日(13/5)
月	21	22	23	24	25	26	27	用某关系	月	19	20	21	22	23	24	25	預考周(23/5-30/5)
	28	29	30	31						26	27	28	29	30	<u>31</u>		教師專業發展日(30/5)
19	F				1	2	3		2	Ŧ						1	一至六年級考試(31/5-6/6)
+	4	5	6		8	9	10	零功課日(9/11)	六	2	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	X	8	端午節(7/6)
-	11	12	13	-	15	16	17			9	10	11	12	13	14	15	小一面試(10-11/6)
月	18	19	20	21	22	23	24	預考周(19/11-24/11)	月	16	17	18	19	20	21	22	
	25	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>		一至六年級考試(26/11-30/11)		23	24	25	26	27	28	29	補考(24/6)畢業禮(28/6)
										30							畢業禮補假(2/7)
8	Ŧ						No.	「農」的傳人			X	X	3	4	5	6	香港特區成立紀念日(1/7)
+	2	3	4	5	6	7	8		t	7	8	9	10	11	12	13	升中放榜(9/7)
=	9	10	11	12	13	14	15	2.5回放向心(5-7/12)		14	X	X	X	×	X	×	暑假(15/7-31/8)
月	16	17	18		20	21	22	聖誕崇拜(20/12)陸運會(21/12)	月	X	×	×	×	×	×	X	
	23	X	×	×	×	×	×	聖誕及新年假期(24/12-2/1)		×	×	X	X				
	×	X															
18	F		X	Ź	3	4		教師專業發展日(2/1) P.6家長日(5/1)						X	X	X	
<b>%</b> 2019	6	7	8		10	11	12	P.1-5家長日(12/1)	Л	X	X	X	X	X	X	X	
-	13	14	15		-	18				X	X	X	A	X	×	X	
月		21			~ 7	25	26		月	×	X	X	X	X	×	$\mathbf{A}$	
	27	28	29	30	X			跨學科活動日(29/1) 學校旅行(30/1)		×	×	X	×	X	X	X	
11	F			$\sim$		X	Å					天上 眾俼		1	<b>啡色</b>	為到	<b>延伸學習活動課(周三)</b>
=	$\overset{\times}{\rightarrow}$	$(\mathcal{A})$	$\overset{\bullet}{\rightarrow}$	$(\mathcal{S})$	X	X	×	<b>農曆新年假期(31/1-13/2)</b>	/1 ¹	5	ы <u>т</u>	~~ 113	(70)				Prototo A
	X	X	R	2		15	-	下學期開始(14/2)	2	-	-	假其					學校自決假期
月						22	23		24	192	13	<b>Ø</b> 15	教師	<b>事專</b>	業研	f討F	日,學生不用上課
		25	26		28			預考周(25/2-2/3)	ß	心	學堂	に開め	台日	期	9月	28 E	日(星期五)
	F					1	2	一至五年級主科考試(7-8/3)		<b>時間</b>	星	期-	-, :	Ξ,	四2	及五	(下午3:30-5:00)
Ξ	3	4	5	<u>6</u>	7	8	9	六年級報分試(4/3-8/3)									-3:45)
	10			13				保育歷險記						下午 30-:			
月	17						23	零功課日(20/3)									
	24	25	26	27	28	29	30										
	31							福音周(28/3-29/3)									

# 聖公會主風小學 2018-2019年度校曆表

21-08-2018

11713	2011	2/18
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月	週		1	星		期			行事要項	1
份	次	E		-	Ξ	四	Ħ.			ļ
018	L	13 M.H. 1 M.H.						1		_
九	1	2	3*	4	5	6	7	8	3/9 上學期開學日 3/9-6/9 開學斑務處理	
月	2		10	11		13	14	15	11/9 開學禮 15/9 親子訪校日	
	3	16	17	18	19	20	21	22	16/9 聖公會靈風堂教育主日	
	4	23		25		27	28	29	24/9 教師專業發展日 25/9 中秋節翌日	
	5	30	9				1			
		茶園	Ж	2	3	4	5	6	1/10 國慶日 6/10(下午)香港聖公會教省成立 20 周年感恩崇拜及晚宴	
+	6	7	8	9	10		12	13	10/10、24/10、31/10沙田區小學校際乒乓球錦標賽	+
	7	14			X		12	20	16/10 旅行日 17/10 重陽節 20/10(上午)家長教師會會員大會	+
月		14	15	10.	AN .	10	19			+
	8	21	22	23	24	25	26	27	25/10-30/10 中期試 (J.6 呈分試)	
		行中。	20	20			-		25/10(下午)成長的天空-教師工作坊(J.4有關老師)	+
	9	28	29	30	31					-
						1	2	3		-
+		4	5	6	7	8	9	10		_
-	11	11	12	13	14	15	(16)	17	16/11 教師專業發展日	
月	40	18	10	20	21	22	22	24	19/11-19/12 第 70 屆香港學校朗誦節	
	12	18	19	20	21	22	23	24	22/11-23/11 沙田區小學校際田徑錦標賽	
	13	25	26	27	28	2.9	30*		30/11 上學期家長日 27/11-7/12 田區小學校際足球錦標賽 (暫定)	1
		2.5	20				1	1		1
L	14	2	3	4	5	6	7	8	0/12/ 卜仁) 即八合小路伯 ATC 蓝河 六儿 六次口/ 主甘小 网	-
$\pm$									8/12(上午)聖公會小學與 ATS 英語文化交流日(奉基小學)	+ .
		9	10				14		13/12 第十二屆陸運會 14/12 陸運會翌日假期	-
月		16	17		19		21	22	21/12 聖誕崇拜及聖誕聯歡	1
		23		25	26	22	28	29	24/12/2018-2/1/2019 聖誕節及新年假期	
	18	30	X							
019		350 P		×	X	3	4	5	1/1/2019 元旦 4/1-9/1 學期試	
_	19	6	7	8	9	10	11	12		
月		13							19/1(上午)小一生活體驗日 19/1(下午)聖公會教省教育日崇拜	1
11	20	13	14	15	16	17	18	19	19/1(上午)聖公會小學第 22 屆數學奧林匹克比賽(基福小學)	
	21	20	21	22	23	24	25	26	21/1-1/2 上學期試後活動 23/1-25/1 六年級教育營	-
			28	29	30	31	25	20		-
	44	27	20	29	30	10	1		10,23,25,28,29/1、20,22/2 沙田區小學校際籃球錦標賽 (暫定)	+
		tar da					1	2		-
=	1	3	X	>		X	$\gg$	X	4/2 下學期開始 4/2-12/2 農曆新年假期	1
月	2	Þ€		X	13	14	15	16	14/2 上學期頒獎禮	1
	3	17	18	19		21	22	23		
	4	24	25	26	27	28			25/2-27/3 第 71 屆香港學校音樂節	
							1	2	1/3 全港區際田徑比賽	
=	5	3.1	4	5	6	7	$(\hat{8})$		8/3 聖公會聯校教師發展日	1
三月	6	10		12		14			11/3-13/3 沙田區小學校際排球錦標賽	1
Л	7				20					
									21/3-26/3 中期試 (J.6 呈分試)	
	8		<u>25</u>	<u>26</u>	27	28	29	30		-
	9	31					Shicing .			-
		能同	1	2	3*	4	$>\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!\!$	6	3/4(上午)第廿七屆水運會 5/4 清明節	-
四	40	-	0	0	10	11	12	13	8/4-10/4 沙田區小學校際羽毛球錦標賽 (暫定)	
月	10	7	8	9	10	11	12	12	12/4、15/4、16/4 跨學科學習日	
1	11	14	15	16	17	18	10	20	17/4 復活節崇拜 19/4-30/4 復活節假期	1
		2		23	24	25	26	27	Province of the Province of the New York	
		28	20	30	~~		~~~	-		
	13	Za	22	Da	1	2	2	4	1/2 然形欲	+
_		CAPES)	-	~	$\mathbb{X}$		3	4		+-
五		5	6	7	8	9	10*		7/5或8/5全港性系統評估一視訊及說話(J.3) 10/5下學期家長日	-
月			X			16	17	18	13/5 佛誕翌日 14/5 或 15/5 全港性系統評估-視訊及說話 (J.6)	
		19	20	21	22	23	24	25	16/5-17/5 沙田區小學校際游泳錦標賽(暫定)	-
	17	26	27	28	29	30	31			
		Parks C						1		
六	18	2	3	4	5	6	X		4/6-10/6 學期試(J.5 呈分試) 7/6 端午節 8/6 全港區際游泳比賽	
月月		9		11	12	13	14	15	9/6 聖靈降臨日 11/6-12/6 全港性系統評估-紙筆 (J.3 及 J.6)	1
1		16	17	18	12	20	21	22	ハッエム「「「山山山 III」 110 100 エバビレスの山口 所平(0.0 人 0.0)	1
			24	25	26	20	21	22	24/6 12/7 下跑曲头悠汗雨	+
		23	24	23	20	21	28	29	24/6-12/7 下學期試後活動	+
	22		Same							+
			$\mathbb{X}$		3	4	5	6*	1/7 香港特別行政區成立紀念日 6/7 畢業典禮(暫定)	
t[	23	7	8	9	10	11	12	13	9/7 中學學位分配公佈結果 11/7-12/7 中學註冊 12/7 下學期頒獎禮	-
月		14	X	16	X	78	X	20	15/7-31/8 暑假 16/7 中一入學前學科測驗	17-
		25	22	23	24	25	26	25		
ł		28	20	30	SR					
1										8
										1 0

公眾假期

學校假期

學校自決假期

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Appendix F

Air Quality Monitoring Data

#### AMS 2 Villa Le Parc

				1-hour TSP (	µg/m³)			
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
04-Dec-18	13:09	18	12	11	14			Sunny
10-Dec-18	15:13	41	44	44	43			Fine
14-Dec-18	15:56	99	99	130	109	324	500	Fine
20-Dec-18	15:00	62	62	60	61	324	500	Fine
24-Dec-18	09:00	65	63	63	64			Fine
28-Dec-18	13:15	60	60	58	59			Fine
	Average		58					
	Max		130					
	Min		11					

#### AMS 3A Wai Wah Centre

				1-hour TSP (	µg/m³)			
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
04-Dec-18	15:42	39	48	45	44			Sunny
10-Dec-18	15:12	57	61	68	62			Fine
14-Dec-18	15:45	91	91	132	105	350	500	Fine
20-Dec-18	14:30	91	86	86	88	000 000	500	Fine
24-Dec-18	14:25	55	48	46	50			Fine
28-Dec-18	15:41	75	77	77	76			Fine
	Average		71					
	Max		132					
	Min		39					

#### AMS 7A Sheung Wo Che

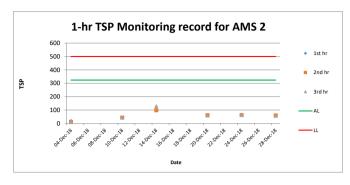
				1-hour TSP (	μg/m³)			
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
04-Dec-18	15:49	17	20	21	19			Sunny
10-Dec-18	10:24	44	33	39	39			Fine
14-Dec-18	15:56	96	106	106	103	344	500	Fine
20-Dec-18	09:30	95	96	95	95	344	500	Fine
24-Dec-18	14:08	42	52	48	47			Fine
28-Dec-18	09:00	67	62	60	63			Fine
	Average		61					
	Max		106					
	Min		17					

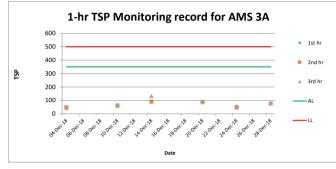
#### AMS 9 Shatin Tsung Tsin School

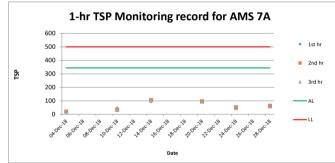
				1-hour TSP (	(µg/m³)			
Date	Start Time	1st hr	2nd hr	3rd hr	Average	Action Level	Limit Level	Weather
04-Dec-18	10:50	28	24	26	26			Sunny
10-Dec-18	10:00	27	27	29	28			Fine
14-Dec-18	15:45	89	98	98	95	327	500	Fine
20-Dec-18	10:00	60	64	64	62	521	500	Fine
24-Dec-18	13:45	33	41	43	39			Fine
28-Dec-18	10:00	57	63	65	62			Fine
	Average		52					
	Max		98					
	Min		24					

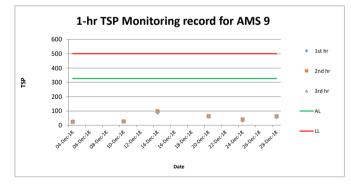
Remark

Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.
 The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.









AMS2 - Villa Le Parc

Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )
04/12/18 13:09	18	10/12/18 13:13	28	14/12/18 09:56	62
04/12/18 14:09	12	10/12/18 14:13	35	14/12/18 10:56	70
04/12/18 15:09	11	10/12/18 15:13	41	14/12/18 11:56	72
04/12/18 16:09	12	10/12/18 16:13	44	14/12/18 12:56	39
04/12/18 17:09	12	10/12/18 17:13	44	14/12/18 13:56	26
04/12/18 18:09	19	10/12/18 18:13	53	14/12/18 14:56	90
04/12/18 19:09	23	10/12/18 19:13	55	14/12/18 15:56	99
04/12/18 20:09	25	10/12/18 20:13	53	14/12/18 16:56	99
04/12/18 21:09	23	10/12/18 21:13	41	14/12/18 17:56	130
04/12/18 22:09	21	10/12/18 22:13	51	14/12/18 18:56	134
04/12/18 23:09	23	10/12/18 23:13	33	14/12/18 19:56	115
05/12/18 00:09	18	11/12/18 00:13	35	14/12/18 20:56	90
05/12/18 01:09	18	11/12/18 01:13	35	14/12/18 21:56	72
05/12/18 02:09	19	11/12/18 02:13	32	14/12/18 22:56	76
05/12/18 03:09	19	11/12/18 03:13	27	14/12/18 23:56	72
05/12/18 04:09	19	11/12/18 04:13	28	15/12/18 00:56	67
05/12/18 05:09	19	11/12/18 05:13	28	15/12/18 01:56	72
05/12/18 06:09	21	11/12/18 05:13	28	15/12/18 02:56	72 78
05/12/18 07:09	26	11/12/18 07:13	29	15/12/18 03:56	63
05/12/18 08:09	39	11/12/18 07:13	29	15/12/18 04:56	56
	35		32		72
05/12/18 09:09	37	11/12/18 09:13	32	15/12/18 05:56	72 70
05/12/18 10:09		11/12/18 10:13		15/12/18 06:56	
05/12/18 11:09	36	11/12/18 11:13	37	15/12/18 07:56	76
05/12/18 12:09	35	11/12/18 12:13	37	15/12/18 08:56	62
Average	23	Average	37	Average	78
Action Level	166	Action Level	166	Action Level	166
Limit Level	260	Limit Level	260	Limit Level	260
Data and Time	TCD Concentration (	Data and Time	TCD Concentration (up/m ³ )	Data and Time	TED Concentration (up/m3)
Date and Time	TSP Concentration (μg/m³)	Date and Time	TSP Concentration (μg/m ³ )	Date and Time	TSP Concentration (μg/m ³ )
20/12/18 10:00	65	24/12/18 09:00	65	28/12/18 09:15	55
20/12/18 10:00 20/12/18 11:00	65 56	24/12/18 09:00 24/12/18 10:00	65 63	28/12/18 09:15 28/12/18 10:15	55 55
20/12/18 10:00 20/12/18 11:00 20/12/18 12:00	65 56 58	24/12/18 09:00 24/12/18 10:00 24/12/18 11:00	65 63 63	28/12/18 09:15 28/12/18 10:15 28/12/18 11:15	55 55 56
20/12/18 10:00 20/12/18 11:00 20/12/18 12:00 20/12/18 13:00	65 56 58 58	24/12/18 09:00 24/12/18 10:00 24/12/18 11:00 24/12/18 11:00 24/12/18 12:00	65 63 63 56	28/12/18 09:15 28/12/18 10:15 28/12/18 11:15 28/12/18 12:15	55 55 56 58
20/12/18 10:00 20/12/18 11:00 20/12/18 12:00 20/12/18 13:00 20/12/18 14:00	65 56 58 58 58 58 56	24/12/18 09:00 24/12/18 10:00 24/12/18 11:00 24/12/18 11:00 24/12/18 12:00 24/12/18 13:00	65 63 63 56 56	28/12/18 09:15 28/12/18 10:15 28/12/18 11:15 28/12/18 11:15 28/12/18 12:15 28/12/18 13:15	55 55 56 58 60
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Remark

Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.
 The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.

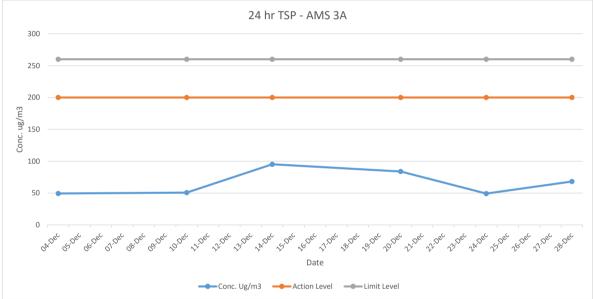
#### AMS3A - Wai Wah Centre

Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )
04/12/18 13:42	39	10/12/18 14:12	48	14/12/18 13:45	77
04/12/18 14:42	27	10/12/18 15:12	57	14/12/18 14:45	82
04/12/18 15:42	39	10/12/18 16:12	61	14/12/18 15:45	91
04/12/18 16:42	48	10/12/18 17:12	68	14/12/18 16:45	91
04/12/18 17:42	45	10/12/18 18:12	62	14/12/18 17:45	132
04/12/18 18:42	50	10/12/18 19:12	77	14/12/18 18:45	143
04/12/18 19:42	46	10/12/18 20:12	71	14/12/18 19:45	130
04/12/18 20:42	41	10/12/18 21:12	59	14/12/18 20:45	118
04/12/18 21:42	37	10/12/18 22:12	45	14/12/18 21:45	91
04/12/18 22:42	39	10/12/18 22:12	43	14/12/18 22:45	86
04/12/18 22:42	39	10/12/18 23:12 11/12/18 00:12	55	14/12/18 22:45	77
05/12/18 23:42	29		43		71
		11/12/18 01:12	43	15/12/18 00:45	69
05/12/18 01:42	27	11/12/18 02:12		15/12/18 01:45	
05/12/18 02:42	27	11/12/18 03:12	43	15/12/18 02:45	78
05/12/18 03:42	29	11/12/18 04:12	34	15/12/18 03:45	84
05/12/18 04:42	23	11/12/18 05:12	29	15/12/18 04:45	96
05/12/18 05:42	39	11/12/18 06:12	30	15/12/18 05:45	100
05/12/18 06:42	50	11/12/18 07:12	37	15/12/18 06:45	91
05/12/18 07:42	55	11/12/18 08:12	43	15/12/18 07:45	109
05/12/18 08:42	121	11/12/18 09:12	46	15/12/18 08:45	95
05/12/18 09:42	111	11/12/18 10:12	47	15/12/18 09:45	78
05/12/18 10:42	74	11/12/18 11:12	48	15/12/18 10:45	84
05/12/18 11:42	75	11/12/18 12:12	48	15/12/18 11:45	110
05/12/18 12:42	76	11/12/18 13:12	49	15/12/18 12:45	103
Average	49	Average	51	Average	95
Action Level	200	Action Level	200	Action Level	200
Limit Level	262				
Linit Level	260	Limit Level	260	Limit Level	260
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Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )	Date and Time	TSP Concentration (µg/m ³ )
Date and Time 20/12/18 09:30	TSP Concentration (µg/m³) 86	Date and Time 24/12/18 14:25	TSP Concentration (μg/m³) 55	Date and Time 28/12/18 11:41	TSP Concentration (μg/m³) 68
Date and Time 20/12/18 09:30 20/12/18 10:30	TSP Concentration (μg/m³) 86 86	Date and Time 24/12/18 14:25 24/12/18 15:25	TSP Concentration (μg/m³) 55 48	Date and Time 28/12/18 11:41 28/12/18 12:41	TSP Concentration (μg/m ³ ) 68 71
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30	TSP Concentration (μg/m³) 86 86 87	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 16:25	<b>TSP Concentration (μg/m³)</b> 55 48 46	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41	TSP Concentration (μg/m ³ ) 68 71 71
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30	TSP Concentration (μg/m³) 86 86 87 87 89	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 16:25           24/12/18 17:25	<b>TSP Concentration (μg/m³)</b> 55 48 46 52	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 14:41	TSP Concentration (μg/m³) 68 71 71 71 75
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30           20/12/18 13:30	TSP Concentration (μg/m³) 86 86 87 87 89 89 87	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 16:25           24/12/18 17:25           24/12/18 18:25	TSP Concentration (μg/m³) 55 48 46 52 53	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 14:41 28/12/18 15:41	TSP Concentration (μg/m³) 68 71 71 75 75 75
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30           20/12/18 13:30	TSP Concentration (μg/m³) 86 86 87 87 89	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 16:25           24/12/18 17:25	TSP Concentration (μg/m³) 55 48 46 52 53 53 53	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 14:41	TSP Concentration (μg/m³) 68 71 71 75 75 75 77
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30           20/12/18 13:30           20/12/18 14:30	TSP Concentration (μg/m³) 86 86 87 87 89 89 87	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 16:25           24/12/18 17:25           24/12/18 18:25	TSP Concentration (µg/m³)           55           48           46           52           53           66	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 14:41 28/12/18 15:41	TSP Concentration (μg/m³)           68           71           75           75           77           77
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30           20/12/18 13:30           20/12/18 14:30           20/12/18 15:30	TSP Concentration (μg/m³) 86 86 87 89 87 91	Date and Time 24/12/18 14:25 24/12/18 15:25 24/12/18 15:25 24/12/18 17:25 24/12/18 18:25 24/12/18 19:25	TSP Concentration (μg/m³) 55 48 46 52 53 53 53	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 14:41 28/12/18 15:41 28/12/18 15:41	TSP Concentration (μg/m³) 68 71 71 75 75 75 75 77
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 16:30	TSP Concentration (μg/m³) 86 86 87 89 87 91 86	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 16:25           24/12/18 16:25           24/12/18 18:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25	TSP Concentration (µg/m³)           55           48           46           52           53           66	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 14:41 28/12/18 15:41 28/12/18 16:41 28/12/18 17:41	TSP Concentration (μg/m³)           68           71           75           75           77           77
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 15:30 20/12/18 16:30 20/12/18 17:30	TSP Concentration (μg/m³)         86           86         86           87         89           87         91           86         86	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 18:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 16:41 28/12/18 17:41 28/12/18 18:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           78
Date and Time           20/12/18 09:30           20/12/18 10:30           20/12/18 11:30           20/12/18 12:30           20/12/18 13:30           20/12/18 15:30           20/12/18 16:30           20/12/18 17:30           20/12/18 16:30           20/12/18 17:30           20/12/18 17:30           20/12/18 18:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           86           84	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 18:25           24/12/18 19:25           24/12/18 20:25           24/12/18 22:25	TSP Concentration (μg/m³)           55           48           46           52           53           53           66           61           55	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 18:41 28/12/18 19:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           78           80
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 14:30 20/12/18 14:30 20/12/18 15:30 20/12/18 18:30 20/12/18 18:30 20/12/18 19:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           86           84	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 16:25           24/12/18 18:25           24/12/18 19:25           24/12/18 19:25           24/12/18 10:25           24/12/18 20:25           24/12/18 21:25           24/12/18 23:25           24/12/18 23:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           25/12/18 00:25	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 16:41 28/12/18 16:41 28/12/18 16:41 28/12/18 16:41 28/12/18 10:41 28/12/18 20:41 28/12/18 20:41 28/12/18 21:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           80           82
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 16:30 20/12/18 19:30 20/12/18 19:30	TSP Concentration (μg/m³)         86           86         87           87         89           87         91           86         86           84         84           80         80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 21:25           24/12/18 21:25           24/12/18 22:25           24/12/18 23:25           24/12/18 00:25           24/12/18 13:25           24/12/18 23:25           25/12/18 00:25           25/12/18 01:25	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39           50	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 19:41 28/12/18 20:41 28/12/18 21:41 28/12/18 22:41	TSP Concentration (μg/m³)           68           71           75           75           77           78           80           82           82
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 16:30 20/12/18 16:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 21:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           84           80           80           80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 22:25           24/12/18 22:25           24/12/18 22:25           24/12/18 02:25           25/12/18 00:25           25/12/18 02:25           25/12/18 02:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 18:41 28/12/18 19:41 28/12/18 20:41 28/12/18 22:41 28/12/18 22:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           78           80           82           82           82           82           82           78           77           78           77           78           82           82           78
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 18:30 20/12/18 19:30 20/12/18 21:30 20/12/18 21:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 18:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 22:25           24/12/18 23:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 03:25           25/12/18 03:25	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39           50           45	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 16:41 28/12/18 19:41 28/12/18 20:41 28/12/18 20:41 28/12/18 21:41 28/12/18 23:41 29/12/18 00:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           80           82           82           82           82           78           78           73
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 14:30 20/12/18 14:30 20/12/18 15:30 20/12/18 18:30 20/12/18 18:30 20/12/18 19:30 20/12/18 20:30 20/12/18 22:30 20/12/18 22:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 16:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 22:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           45           39           50           45           39           50           53	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 16:41 28/12/18 16:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 22:41 28/12/18 20:41 28/12/18 00:41 29/12/18 00:41 29/12/18 01:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           78           80           82           82           82           78           77           78           70           73           71
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 13:30 20/12/18 15:30 20/12/18 15:30 20/12/18 15:30 20/12/18 19:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 22:30 20/12/18 22:30 20/12/18 23:30 21/12/18 00:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           84           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 21:25           24/12/18 21:25           24/12/18 22:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 01:25           25/12/18 02:25           25/12/18 03:25           25/12/18 04:25           25/12/18 05:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           53           50           53           50           45           39           50           53           50	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 16:41 28/12/18 17:41 28/12/18 19:41 28/12/18 20:41 28/12/18 21:41 28/12/18 22:41 28/12/18 20:41 29/12/18 00:41 29/12/18 02:41	TSP Concentration (μg/m³)         68           71         71           75         75           77         78           80         82           82         82           78         73           73         71           75         77
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 15:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 20:30 20/12/18 21:30 20/12/18 23:30 21/12/18 00:30 21/12/18 01:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           84           80           80           80           80           78	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           48	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 17:41 28/12/18 19:41 28/12/18 21:41 28/12/18 21:41 28/12/18 22:41 28/12/18 22:41 29/12/18 00:41 29/12/18 00:41 29/12/18 02:41 29/12/18 02:41 29/12/18 03:41	TSP Concentration (μg/m³)           68           71           75           75           77           78           80           82           82           82           78           77           78           57           57           73           71           57           45
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 17:30 20/12/18 18:30 20/12/18 18:30 20/12/18 21:30 20/12/18 22:30 20/12/18 22:30 20/12/18 23:30 21/12/18 01:30 21/12/18 01:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           45           39           46           53           50           48           46	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 16:41 28/12/18 19:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 29/12/18 00:41 29/12/18 03:41 29/12/18 03:41 29/12/18 04:41	TSP Concentration (μg/m³)           68           71           75           75           77           77           78           80           82           82           82           78           77           78           80           52           73           71           57           45
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 18:30 20/12/18 18:30 20/12/18 19:30 20/12/18 20:30 20/12/18 22:30 20/12/18 22:30 20/12/18 22:30 21/12/18 00:30 21/12/18 00:30 21/12/18 02:30 21/12/18 00:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           78           80           78           80           78           80           78           80           78	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           50           45           39           46           53           50           48           46           53           50           48           46           55	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 12:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 00:41 29/12/18 00:41 29/12/18 01:41 29/12/18 02:41 29/12/18 02:41 29/12/18 02:41 29/12/18 02:41 29/12/18 02:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/1	TSP Concentration (μg/m³)           68           71           71           75           75           77           77           78           80           82           82           78           77           78           80           82           82           73           71           57           45           46
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 12:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 16:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 20:30 20/12/18 23:30 21/12/18 00:30 21/12/18 03:30 21/12/18 03:30 21/12/18 04:30	TSP Concentration (μg/m³)         86           86         86           87         89           87         91           86         86           84         84           80         80           80         80           80         80           80         80           80         78           80         78           80         78           80         78           80         78           80         78           80         78           80         78           82         82	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (µg/m³)           55           48           46           52           53           53           66           61           55           39           50           45           39           46           53           50           48           46           55           50           48           50           53           50           52	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 17:41 28/12/18 19:41 28/12/18 21:41 28/12/18 21:41 28/12/18 21:41 28/12/18 21:41 29/12/18 01:41 29/12/18 01:41 29/12/18 01:41 29/12/18 03:41 29/12/18 05:41 29/12/18 05:41 29/12/18 06:41 29/12/18 06:41	TSP Concentration (μg/m³)           68           71           75           75           77           78           80           82           82           78           73           73           74           75           77           78           80           82           82           73           74           57           45           45           46           50
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 15:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 21:30 20/12/18 21:30 20/12/18 23:30 21/12/18 00:30 21/12/18 01:30 21/12/18 03:30 21/12/18 04:30 21/12/18 04:30 21/12/18 04:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           81           82	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 02:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25      <	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           48           46           53           50           48           46           55           50           43           50           48           46           55           50           48           46           55           52           36	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 17:41 28/12/18 19:41 28/12/18 21:41 28/12/18 21:41 28/12/18 22:41 29/12/18 00:41 29/12/18 03:41 29/12/18 03:41 29/12/18 05:41 29/12/18 06:41 29/12/18 06:41 29/12/18 07:41	TSP Concentration (μg/m³)           68           71           71           75           75           77           78           80           82           82           82           73           71           57           53           74           55           57           57           57           45           46           50           57
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 17:30 20/12/18 18:30 20/12/18 19:30 20/12/18 21:30 20/12/18 22:30 20/12/18 22:30 20/12/18 23:30 21/12/18 01:30 21/12/18 03:30 21/12/18 05:30 21/12/18 05:30 21/12/18 05:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           78           80           78           80           78           82           83           83	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 22:25           24/12/18 22:25           24/12/18 02:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25	TSP Concentration (µg/m*)           55           48           46           52           53           66           61           55           39           50           45           39           50           45           39           50           45           39           46           53           50           48           46           55           52           36           39	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 12:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 19:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 20/12/18 00:41 20/12/1	TSP Concentration (μg/m³)           68           71           75           75           75           77           77           78           80           82           82           78           77           78           80           82           82           82           82           78           73           71           57           45           46           50           57           66
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 16:30 20/12/18 18:30 20/12/18 19:30 20/12/18 20:30 20/12/18 22:30 20/12/18 22:30 20/12/18 22:30 21/12/18 00:30 21/12/18 00:30 21/12/18 03:30 21/12/18 03:30 21/12/18 06:30 21/12/18 07:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           82           82           83           83           84           85           86           87           80           78           82           83           84           85           86           87	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 16:25           24/12/18 16:25           24/12/18 19:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 22:25           24/12/18 22:25           24/12/18 22:25           24/12/18 23:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 11:25           25/12/18 11:25           25/12/18 11:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           45           39           46           53           50           48           46           55           52           36           39           46           53           50           48           46           55           52           36           39           43	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 16:41 28/12/18 16:41 28/12/18 10:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/18 00:41 20/12/1	TSP Concentration (μg/m³)           68           71           75           75           77           78           80           82           82           82           73           71           57           66           66           66
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 13:30 20/12/18 15:30 20/12/18 15:30 20/12/18 19:30 20/12/18 19:30 20/12/18 20:30 20/12/18 20:30 20/12/18 23:30 21/12/18 00:30 21/12/18 00:30 21/12/18 03:30 21/12/18 03:30 21/12/18 05:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           84           84           80           80           80           80           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           82           82           83           89	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 17:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 10:25           25/12/18 10:25           25/12/18 12:25           25/12/18 13:25           25/12/18 13:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           48           46           55           50           48           46           55           52           36           39           43           50	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 17:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/1	TSP Concentration (μg/m³)           68           71           71           75           75           77           78           80           82           82           82           73           73           73           75           77           78           80           82           82           73           71           57           45           45           45           50           57           66           66           66           64
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 13:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 17:30 20/12/18 17:30 20/12/18 17:30 20/12/18 17:30 20/12/18 21:30 20/12/18 21:30 20/12/18 21:30 20/12/18 21:30 20/12/18 21:30 20/12/18 01:30 21/12/18 01:30 21/12/18 01:30 21/12/18 05:30 21/12/18 06:30 21/12/18 06:30 21/12/18 06:30 21/12/18 08:30 21/12/18 08:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           80           81           82           89           91           89           91           89           81           82           89           81           82           83           84	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 19:25           24/12/18 19:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 20:25           24/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25           25/12/18 10:25           25/12/18 11:25           25/12/18 11:25           25/12/18 11:25           25/12/18 11:25           25/12/18 11:25           25/12/18 13:25	TSP Concentration (μg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           48           46           53           50           48           46           55           52           39           46           53           50           48           46           55           52           36           39           43           50           49	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 12:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 28/12/18 23:41 29/12/18 00:41 29/12/18 00:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 29/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/18 03:41 20/12/1	TSP Concentration (μg/m³)           68           71           75           75           75           77           77           78           80           82           82           73           71           57           66           50           57           66           66           64           68
Date and Time 20/12/18 09:30 20/12/18 10:30 20/12/18 11:30 20/12/18 11:30 20/12/18 12:30 20/12/18 13:30 20/12/18 14:30 20/12/18 15:30 20/12/18 15:30 20/12/18 15:30 20/12/18 19:30 20/12/18 20:30 20/12/18 20:30 20/12/18 22:30 20/12/18 23:30 21/12/18 00:30 21/12/18 03:30 21/12/18 03:30 21/12/18 05:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30 21/12/18 07:30	TSP Concentration (μg/m³)           86           86           87           89           87           91           86           84           84           84           80           80           80           80           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           80           78           82           82           83           89	Date and Time           24/12/18 14:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 15:25           24/12/18 17:25           24/12/18 17:25           24/12/18 19:25           24/12/18 20:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 21:25           24/12/18 00:25           25/12/18 00:25           25/12/18 00:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 06:25           25/12/18 10:25           25/12/18 10:25           25/12/18 12:25           25/12/18 13:25           25/12/18 13:25	TSP Concentration (µg/m³)           55           48           46           52           53           66           61           55           39           50           45           39           46           53           50           48           46           55           50           48           46           55           52           36           39           43           50	Date and Time 28/12/18 11:41 28/12/18 12:41 28/12/18 13:41 28/12/18 13:41 28/12/18 15:41 28/12/18 15:41 28/12/18 15:41 28/12/18 17:41 28/12/18 17:41 28/12/18 20:41 28/12/18 20:41 28/12/18 20:41 29/12/18 00:41 29/12/18 00:41 29/12/18 00:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 29/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/18 06:41 20/12/1	TSP Concentration (μg/m³)           68           71           71           75           75           77           78           80           82           82           82           73           71           57           66           66           66           64

 Remark
 1. Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.

 2. The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.





Start Date	t Date Weather Air Temperature Pressure Pa	Atmospheric Brossuro Bo	Filter W	Filter Weight (g)		Sampling	$(m^{3})$	Rate	Average flow	Total volume	Conc.	Action Level	Limit Level	
Start Date	Condition	(K)	(mmHg)	Initial	Final	weight (g)	Time(hrs)	Initial	Final	(m ³ /min.)	(m ³ )	(ug/m ³ )	-	-
4-Dec-18	Sunny	298.0	762	2.7606	2.8835	0.1229	24	1.72	1.72	1.72	2479.11	50		
10-Dec-18	Fine	290.2	765	2.7907	2.8715	0.0808	24	1.67	1.64	1.65	2378.54	34		
14-Dec-18	Fine	290.0	769	2.7666	2.8318	0.0652	24	1.84	1.80	1.82	2621.65	25	171	260
20-Dec-18	Fine	294.8	762	2.7083	2.9605	0.2522	24	2.27	2.26	2.26	3259.30	77	171	200
24-Dec-18	Fine	291.2	763	2.7659	2.8431	0.0772	24	1.66	1.64	1.65	2375.17	33		
28-Dec-18	Fine	291.3	766	2.6708	2.7859	0.1151	24	1.91	1.88	1.90	2735.74	42		
											Min	25		
											Max	77		
											Average	43	]	

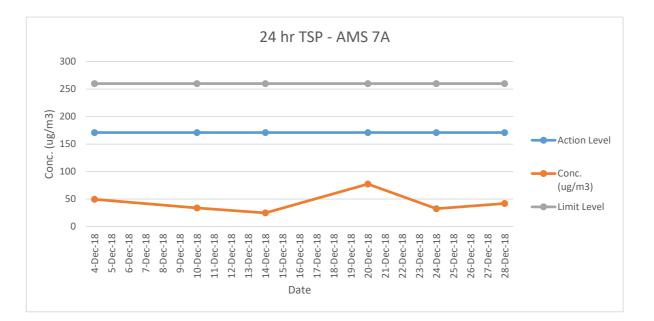
### AMS 7A - Sheung Wo Che

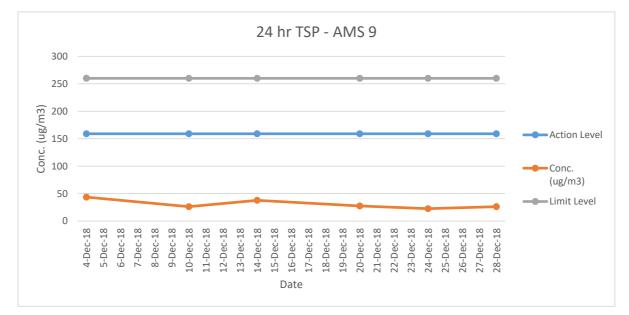
#### AMS 9 - Shatin Tsung Tsin School

Start Date	Weather	Air Temperature	Atmospheric Pressure, Pa	Filter W	eight (g)	Particulate	Sampling Time(hrs)	/m°/r		Average flow	Total volume	0	Action Level	Limit Level
	Condition	(K)	(mmHg)	Initial	Final	weigin (g)	11116(1113)	Initial	Final	(m ³ /min.)	(m°)	(ug/m³)	) (ug/m ³ ) (ug/m	(ug/m ³ )
4-Dec-18	Sunny	298.0	762	2.7829	2.8963	0.1134	24	1.8053	1.8027	1.80	2597.7173	44		
10-Dec-18	Fine	290.2	765	2.7939	2.8529	0.0590	24	1.5818	1.5557	1.57	2259.0256	26		
14-Dec-18	Fine	290.0	769	2.7667	2.8565	0.0898	24	1.6706	1.6381	1.65	2382.2571	38	159	260
20-Dec-18	Fine	294.8	762	2.7405	2.8057	0.0652	24	1.6498	1.6381	1.64	2367.2191	28	159	200
24-Dec-18	Fine	291.2	763	2.7730	2.8267	0.0537	24	1.6608	1.6381	1.65	2375.1668	23		
28-Dec-18	Fine	291.3	766	2.6010	2.6724	0.0714	24	1.9147	1.8850	1.90	2735.7366	26		
											Min	23		
											Max	44		
											Average	31	]	

Remark 1. Actual monitoring may be subjected to change due to any safety concern or adverse weather condition.

2. The Impact Air Monitoring Stations to be monitored should be selected based on the prevailing wind direction and their proximity to the active construction works.





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Appendix G

**Noise Monitoring Data** 

NMS 1 Scenery Court

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	Leq	L ₉₀	L ₁₀	Linit Lover		Weather	Speed
				Unit	: dB(A) 30 Mir	IS	T I	(m/s)
05-Dec-18	10:04	63.5	62.5	64.5		63.5	Cloudy	0.9
11-Dec-18	11:11	64.4	63.0	66.0		64.4	Fine	0.8
15-Dec-18	08:30	63.3	62.0	64.5	75	63.3	Fine	0.6
21-Dec-18	09:00	61.5	59.5	63.0		61.5	Fine	1.1
28-Dec-18	09:00	69.7	69.0	71.0		69.7	Fine	0.8

#### NMS 2 Villa Le Parc

		Measured Noi		oise Level Limit Leve		Construction Noise Level		Wind
Date	Start Time	L _{eq}			Weather	Speed		
				Unit	it: dB(A) 30 Mins		1	(m/s)
04-Dec-18	12:57	58.2	52.5	59.0		58.2	Sunny	1.2
10-Dec-18	11:00	55.0	52.5	57.2		55.0	Sunny	2.1
14-Dec-18	09:00	56.0	51.0	57.5	75	56.0	Fine	1.3
20-Dec-18	10:26	56.0	51.3	57.0		56.0	Fine	0.4
27-Dec-18	14:30	61.0	54.5	62.0		61.0	Fine	0.6

#### NMS 3 Hilton Plaza

		Measured Noise Level			Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Lover		Weather	Speed
				Unit	: dB(A) 30 Mir	IS	1	(m/s)
04-Dec-18	14:15	67.2	65.0	69.0		67.2	Sunny	1.0
10-Dec-18	13:00	68.0	65.5	70.0		68.0	Sunny	1.9
14-Dec-18	09:40	64.7	61.5	67.0	75	64.7	Fine	1.3
20-Dec-18	11:11	65.9	63.0	68.0		65.9	Fine	0.4
27-Dec-18	09:05	66.4	63.5	68.5		66.4	Fine	0.5

#### NMS 4 Tin Liu

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time L _{eq} L ₉₀ L ₁₀		Linit Lover		Weather	Speed		
				Unit	: dB(A) 30 Min	IS		(m/s)
05-Dec-18	10:07	66.0	63.0	70.5		66.0	Cloudy	1.0
11-Dec-18	08:00	64.1	57.5	68.0		64.1	Fine	1.4
15-Dec-18	09:20	65.1	61.0	66.5	75	65.1	Fine	0.5
21-Dec-18	09:40	61.0	59.0	63.5		61.0	Fine	0.8
28-Dec-18	09:40	66.0	59.5	70.0		66.0	Fine	1.1

#### NMS 5A Wai Wah Centre

NINS 5A	wai wan (	Centre						
		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Lovoi		Weather	Speed
		Un			:: dB(A) 30 Mir	IS	1	(m/s)
04-Dec-18	13:10	75.6	70.5	78.0		71.1*	Sunny	1.2
10-Dec-18	13:35	75.6	71.5	78.0		71.1*	Sunny	1.6
14-Dec-18	09:00	73.5	68.5	75.5	75	73.5	Fine	1.1
20-Dec-18	13:00	75.0	71.0	78.0	]	75.0	Fine	1.0
27-Dec-18	15:10	73.5	69.0	76.0		73.5	Fine	1.0

*Note: Since the measured noise level was greater than the limit level, construction noise level (CNL) was appplied on 4/12/2018 and 10/12/2018, where Calculated CNL = Measured Noise Level during operation – Baseline (73.7 dB(A)).

#### NMS 6A Wai Wah Centre

Date		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
				Unit	:: dB(A) 30 Mir	IS	T I	(m/s)
04-Dec-18	13:13	74.1	70.5	76.0		74.1	Sunny	1.0
10-Dec-18	14:10	74.0	71.5	78.0		74.0	Sunny	1.8
14-Dec-18	09:35	71.5	66.0	72.5	75	71.5	Fine	1.1
20-Dec-18	13:30	74.0	70.5	77.5		74.0	Fine	1.0
27-Dec-18	15:45	73.0	69.5	75.0	]	73.0	Fine	1.1

NMS 7 Tin Liu

Date		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	Leq	L ₉₀	L ₁₀	Ennit Eever		Weather	Speed
				Unit	: dB(A) 30 Min	IS		(m/s)
05-Dec-18	10:38	66.3	64.0	67.5		66.3	Cloudy	1.2
11-Dec-18	08:10	74.0	68.0	76.0		74.0	Fine	1.4
15-Dec-18	10:00	63.8	61.5	65.0	75	63.8	Fine	0.4
21-Dec-18	10:15	74.1	69.0	76.0		74.1	Fine	0.5
28-Dec-18	10.12	74 0	69.0	76.5		74.0	Fine	12

#### NMS 8 Shatin Plaza

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
		Unit: dB(A) 30 Mins						(m/s)
05-Dec-18	11:02	67.4	66.5	68.5		67.4	Cloudy	1.1
11-Dec-18	15:17	65.0	63.5	67.5		65.0	Fine	1.0
15-Dec-18	12:23	65.5	63.0	68.0	75	65.5	Fine	1.2
21-Dec-18	10:50	69.0	66.5	72.0		69.0	Fine	0.8
28-Dec-18	10:55	73.0	71.5	73.5		73.0	Fine	0.8

#### NMS 9 Lek Yuen Estate

Date		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
					(m/s)			
05-Dec-18	11:50	63.3	60.5	65.5		63.3	Cloudy	1.1
11-Dec-18	09:45	63.0	58.5	65.0		63.0	Fine	1.3
15-Dec-18	08:31	61.8	59.0	63.5	75	61.8	Fine	0.5
21-Dec-18	08:32	61.7	59.0	63.5		61.7	Fine	0.5
28-Dec-18	08:30	62.4	58.5	65.0	1	62.4	Fine	0.7

#### NMS 10A Shatin Tsung Tsin School

Date		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Lover		Weather	Speed
				Unit		(m/s)		
04-Dec-18	10:16	65.7	62.5	67.0		65.7	Sunny	0.5
10-Dec-18	09:00	58.8	55.0	61.0		58.8	Sunny	2.0
14-Dec-18	14:00	64.3	62.5	65.5	70	64.3	Fine	1.2
20-Dec-18	09:00	64.4	62.0	66.0		64.4	Fine	1.2
27-Dec-18	15:20	63.5	58.0	67.0		63.5	Fine	0.6

#### NMS 11 Sheung Wo Che

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
		Unit: dB(A) 30 Mins						(m/s)
04-Dec-18	15:52	64.4	53.0	64.5		64.4	Sunny	1.2
10-Dec-18	10:06	65.0	63.0	65.5		65.0	Sunny	1.4
14-Dec-18	10:15	71.1	61.5	73.0	75	71.1	Fine	1.6
20-Dec-18	09:38	65.1	57.5	66.5		65.1	Fine	0.7
27-Dec-18	08:30	60.2	54.0	63.5		60.2	Fine	1.1

#### NMS 12 SKH Holy Spirit Primary School

Date S		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
				IS		(m/s)		
04-Dec-18	10:54	66.9	60.0	69.0		66.9	Sunny	1.0
10-Dec-18	09:00	58.0	55.0	60.0		58.0	Sunny	2.0
14-Dec-18	10:15	62.3	60.0	64.0	70	62.3	Fine	0.8
20-Dec-18	09:45	63.9	60.5	65.0	1	63.9	Fine	1.2
27-Dec-18	10:07	61.9	53.0	63.0		61.9	Fine	0.4

#### NMS 13 Lek Yuen Estate

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linin Level	Construction Noise Level	Weather	Speed
				Unit	: dB(A) 30 Min	IS		(m/s)
05-Dec-18	15:28	62.9	60.0	65.0		62.9	Cloudy	1.0
11-Dec-18	08:55	64.7	56.5	67.0		64.7	Fine	1.4
15-Dec-18	09:10	60.5	56.5	63.0	75	60.5	Fine	1.2
21-Dec-18	09:10	59.5	55.0	60.2		59.5	Fine	0.4
28-Dec-18	09:02	59.0	56.5	60.5		59.0	Fine	0.8

#### NMS 14 Sheung Wo Che

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
				Unit	: dB(A) 30 Min	IS		(m/s)
04-Dec-18	16:26	66.8	60.0	69.0		66.8	Sunny	1.1
10-Dec-18	10:46	67.2	62.0	69.5		67.2	Sunny	1.4
14-Dec-18	09:15	70.9	67.0	73.5	75	70.9	Fine	1.1
20-Dec-18	10:15	63.7	58.0	66.0		63.7	Fine	0.5
27-Dec-18	09:07	63.1	57.5	67.5		63.1	Fine	0.8

#### NMS 15 Ha Wo Che

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Ennit Level	Constituction Noise Level	Weather	Speed
				(m/s)				
04-Dec-18	15:55	64.3	57.5	66.0		64.3	Sunny	1.0
10-Dec-18	10:40	67.7	62.5	72.0		67.7	Sunny	1.3
14-Dec-18	11:00	67.6	64.0	65.5	75	67.6	Fine	1.0
20-Dec-18	10:51	61.6	57.2	63.7		61.6	Fine	1.0
27-Dec-18	09:42	68.1	62.0	72.0		68.1	Fine	0.7

#### NMS 16 Ha Wo Che

Date		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
				Unit	: dB(A) 30 Min	IS		(m/s)
04-Dec-18	16:57	63.5	59.0	66.5		63.5	Sunny	1.0
10-Dec-18	10:42	61.2	55.0	63.0		61.2	Sunny	1.2
14-Dec-18	11:40	66.7	62.5	67.5	75	66.7	Fine	1.1
20-Dec-18	11:27	62.6	58.5	65.0		62.6	Fine	0.8
27-Dec-18	10:17	64.6	60.5	67.5		64.6	Fine	0.7

#### NMS 17 Shatin Oui Ying College

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level		Weather	Speed
				Unit	:: dB(A) 30 Mir		(m/s)	
04-Dec-18	11:12	63.2	60.5	64.5		63.2	Sunny	1.1
10-Dec-18	09:45	69.0	67.0	70.5		69.0	Sunny	1.6
14-Dec-18	10:00	68.9	66.5	70.5	70	68.9	Fine	1.0
20-Dec-18	10:40	62.0	59.5	64.0		62.0	Fine	1.1
27-Dec-18	11:30	63.4	51.0	66.0		63.4	Fine	0.6

#### NMS 18 Ha Wo Che

		Measured Noise Level		Limit Level	Construction Noise Level		Wind	
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level		Weather	Speed
		Unit: dB(A) 30 Mins					i i	(m/s)
05-Dec-18	14:51	60.9	56.0	63.5		60.9	Cloudy	1.2
11-Dec-18	12:20	69.6	64.5	71.5		69.6	Fine	1.2
15-Dec-18	11:42	58.6	53.0	60.5	75	58.6	Fine	0.5
21-Dec-18	11:16	57.7	53.0	60.5	]	57.7	Fine	0.4
28-Dec-18	11:31	57.7	53.0	59.0	]	57.7	Fine	0.5

#### NMS 19 Wo Che Estate

		Measured Noise Level			Limit Level	Construction Noise Level		Wind
Date Start Tir	Start Time	L _{eq}	L ₉₀	L ₁₀	Ennit Level		Weather	Speed
				Unit	: dB(A) 30 Min	]	(m/s)	
05-Dec-18	13:41	65.9	62.5	67.5		65.9	Cloudy	1.0
11-Dec-18	11:05	72.1	69.0	73.5		72.1	Fine	1.2
15-Dec-18	09:50	65.6	61.5	67.5	75	65.6	Fine	0.8
21-Dec-18	09:52	63.7	61.5	65.5		63.7	Fine	0.7
28-Dec-18	09:41	67.1	63.5	69.0		67.1	Fine	1.0

#### NMS 20 Wo Che Estate

		Measured Noise Level			Limit Level	Construction Noise Level		Wind
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level	Construction Noise Level	Weather	Speed
				Unit	: dB(A) 30 Min		(m/s)	
05-Dec-18	12:08	64.3	59.5	66.5		64.3	Cloudy	0.9
11-Dec-18	10:30	69.7	67.0	71.5		69.7	Fine	1.6
15-Dec-18	10:26	59.6	57.0	61.5	75	59.6	Fine	0.6
21-Dec-18	10:28	58.7	56.5	60.0		58.7	Fine	0.4
28-Dec-18	10:16	58.7	56.5	60.5		58.7	Fine	1.1

#### NMS 23 Pai Tau

		Measured Noise Level			Limit Level	Construction Noise Level		Wind
Date	Start Time	Leq	L ₉₀	L ₁₀	Ennit Level	Construction Noise Level	Weather	Speed
				Unit	: dB(A) 30 Min	IS		(m/s)
05-Dec-18	11:15	63.9	60.5	66.5		63.9	Cloudy	0.9
11-Dec-18	11:00	64.8	60.0	67.0		64.8	Fine	1.5
15-Dec-18	10:47	68.5	64.0	70.5	75	68.5	Fine	0.6
21-Dec-18	11:30	71.0	66.0	72.5		71.0	Fine	0.8
28-Dec-18	11:30	69.5	67.0	72.0		69.5	Fine	1.1

#### NMS 24 Shatin Plaza

		Measured Noise Level		Limit Level	Construction Noise Level		Wind	
Date Start	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level		Weather	Speed
				Unit	: dB(A) 30 Min		(m/s)	
04-Dec-18	13:57	63.3	61.5	65.0		63.3	Sunny	1.2
10-Dec-18	14:57	63.5	60.5	64.5		63.5	Sunny	1.0
14-Dec-18	12:20	64.4	60.5	66.5	75	64.4	Fine	1.2
20-Dec-18	12:04	63.0	61.0	64.5		63.0	Fine	0.7
27-Dec-18	13:30	65.9	62.5	68.5		65.9	Fine	0.5

#### NMS 25A Sheung Wo Che

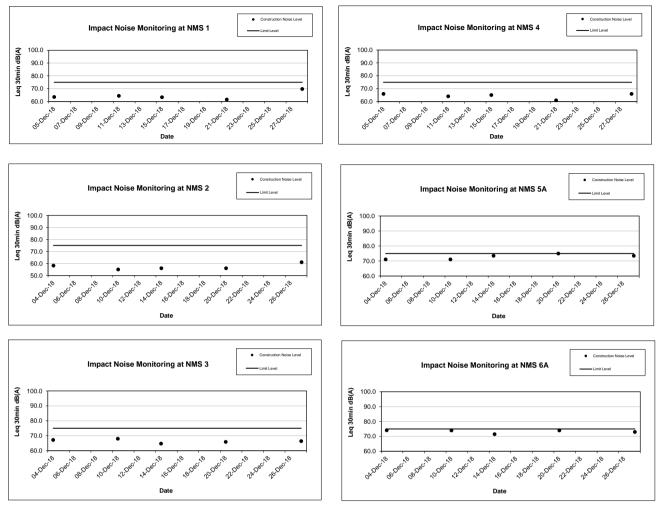
		Measured Noise Level		Limit Level	Construction Noise Level		Wind	
Date	Start Time	L _{eq}	L ₉₀	L ₁₀	Linit Level		Weather	Speed (m/s)
				Unit: dB(A) 30 Mins				
04-Dec-18	14:44	68.5	58.0	73.0		68.5	Sunny	1.0
10-Dec-18	10:06	65.3	63.5	66.5		65.3	Sunny	1.2
14-Dec-18	10:43	73.6	65.0	80.0	75	73.6	Fine	1.1
20-Dec-18	09:01	66.3	59.0	70.5		66.3	Fine	0.6
27-Dec-18	14:38	70.5	64.5	73.0		70.5	Fine	0.7

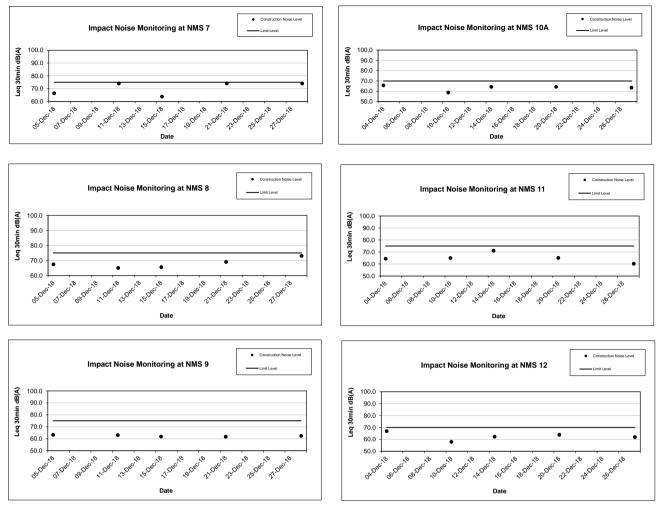
#### NMS 26 Wo Che Estate

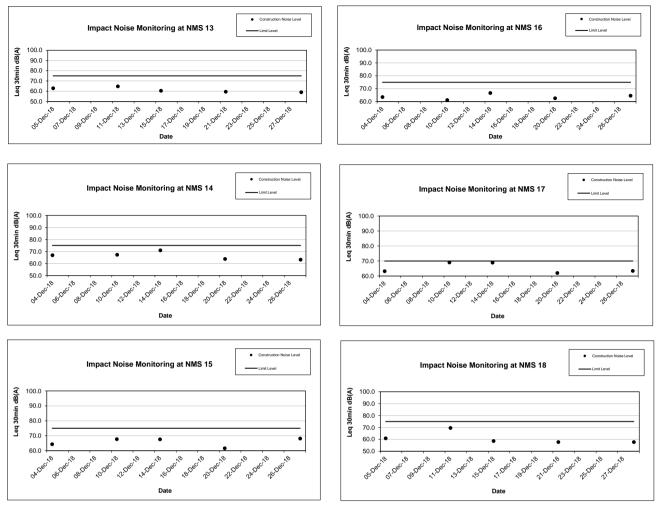
		Measured Noise Level			Limit Level	Construction Noise Level		Wind
Date Start Time	Start Time	Leq	L ₉₀	L ₁₀	Linit Level		Weather	Speed
				Unit	:: dB(A) 30 Mir		(m/s)	
05-Dec-18	14:18	72.6	68.5	75.0		72.6	Cloudy	1.0
11-Dec-18	11:40	74.4	71.5	76.0		74.4	Fine	1.3
15-Dec-18	11:02	68.2	65.0	70.5	75	68.2	Fine	0.7
21-Dec-18	10:40	68.6	66.0	70.5		68.6	Fine	0.7
28-Dec-18	10:54	69.6	67.0	71.5		69.6	Fine	0.7

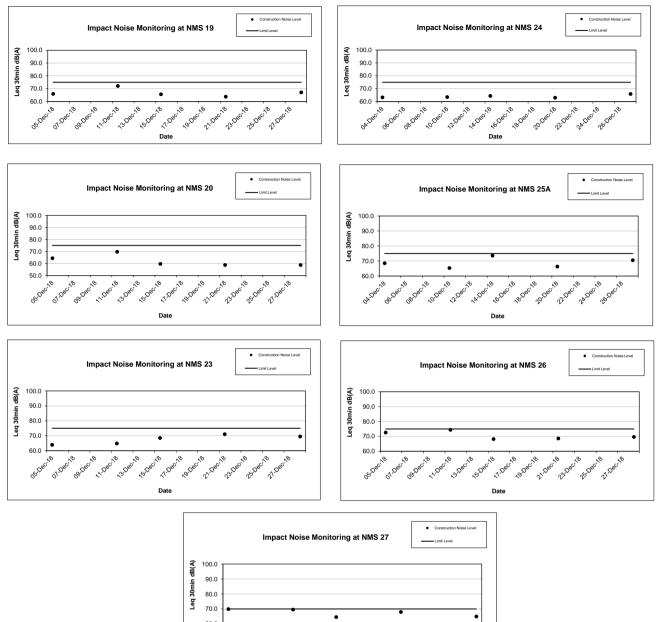
#### NMS 27 Jockey Club Ti-I College

		Meas	ured Noise	Level	Limit Level	Construction Noise Level		Wind
Date S	Start Time	L _{eq}	L ₉₀	L ₁₀	Ennit Level		Weather	Speed
	Unit: dB(A) 30 Mins						(m/s)	
05-Dec-18	12:55	69.9	68.0	73.0		69.9	Cloudy	0.8
11-Dec-18	14:32	69.6	65.0	71.5		69.6	Fine	1.0
15-Dec-18	12:30	64.6	62.0	66.5	70	64.6	Fine	0.4
21-Dec-18	12:35	68.0	66.0	69.5		68.0	Fine	1.2
28-Dec-18	12:37	65.0	64.0	66.5		65.0	Fine	1.0









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Appendix H

**Events and Action Plan** 

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EVENT		ACTION	ist Monitoring	
	ET Leader	IEC	SO	Contractor
Action Level				
1. Exceedance for one sample	<ol> <li>Identify the source.</li> <li>Inform the IEC and the SO.</li> <li>Repeat measurement to confirm findings.</li> <li>Increase monitoring frequency to daily.</li> </ol>	<ol> <li>Check monitoring data submitted by the ET Leader.</li> <li>Check Contractor's working method.</li> </ol>	1. Notify Contractor.	<ol> <li>Rectify any unacceptable practice.</li> <li>Amend working methods if appropriate.</li> </ol>
2. Exceedance for two or more consecutive samples	<ol> <li>Identify the source.</li> <li>Inform the IEC and the SO.</li> <li>Repeat measurement to confirm findings.</li> <li>Increase monitoring frequency to daily.</li> <li>Discuss with the IEC and the Contractor on remedial actions required.</li> <li>If exceedance continues, arrange meeting with the IEC and the SO.</li> <li>If exceedance stops, cease additional monitoring.</li> </ol>	<ol> <li>Check monitoring data submitted by the ET Leader.</li> <li>Check the Contractor's working method.</li> <li>Discuss with the ET Leader and the Contractor on possible remedial measures.</li> <li>Advise the SO on the effectiveness of the proposed remedial measures.</li> <li>Supervisor implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing.</li> <li>Notify the Contractor.</li> <li>Ensure remedial measures properly implemente d.</li> </ol>	<ol> <li>Submit proposals for remedial actions to IEC within 3 working days of notification.</li> <li>Implement the agreed proposals.</li> <li>Amend proposal if appropriate.</li> </ol>
Limit Level		inicadareer		
1. Exceedance for one sample	<ol> <li>Identify the source.</li> <li>Inform the SO and the EPD.</li> <li>Repeat measurement to confirm findings.</li> <li>Increase monitoring frequency to daily.</li> <li>Assess effectiveness of Contractor's remedial actions and keep the IEC, the EPD and the SO informed of the results.</li> </ol>	<ol> <li>Check monitoring data submitted by the ET Leader.</li> <li>Check Contractor's working method.</li> <li>Discuss with the ET Leader and the Contractor on possible remedial measures.</li> <li>Advise the SO on the effectiveness of the proposed remedial measures.</li> <li>Supervisor implementation of remedial measures.</li> </ol>	<ol> <li>Confirm receipt of notification of failure in writing.</li> <li>Notify the Contractor.</li> <li>Ensure remedial measures are properly implemented.</li> </ol>	<ol> <li>Take immediate action to avoid further exceedance.</li> <li>Submit proposals for remedial actions to IEC within 3 working days of notification.</li> <li>Implement the agreed proposals.</li> <li>Amend proposal if appropriate.</li> </ol>
2. Exceedance	1. Notify the IEC, the SO and the EPD and the	1. Discuss amongst the SO, ET	<ol> <li>Confirm receipt of</li> </ol>	1. Take immediate action to avoid

#### Event and Action Plan for Construction Dust Monitoring

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EVENT		ACTION		
	ET Leader	IEC	SO	Contractor
for two or more consecutive samples	<ul> <li>Contractor.</li> <li>Identify the source.</li> <li>Repeat measurement to confirm findings.</li> <li>Increase monitoring frequency to daily.</li> <li>Carry out analysis of the Contractor's working procedures to determine possible mitigation to be implemented.</li> <li>Arrange meeting with the IEC and the SO to discuss the remedial actions to be taken.</li> <li>Assess effectiveness of Contractor's remedial actions and keep the IEC, the EPD and the SO informed of the results.</li> <li>If exceedance stops, cease additional monitoring.</li> </ul>	Leader and the Contractor on the potential remedial actions. 2. Review the Contractor's remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly. 3. Supervisor implementation of remedial measures.	<ul> <li>notification of failure in writing.</li> <li>2. Notify the Contractor.</li> <li>3. In consultation with the Contractor on the remedial measures to be implemented.</li> <li>4. Ensure remedial measures are properly implemented.</li> <li>5. If exceedance continues, consider what activity of the work is responsible and instruct the Contractor to stop that activity of work until the exceedance is abated.</li> </ul>	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. 5. Stop the relevant activity of works as determined by the SO until the exceedance is abated.

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## **Event and Action Plan for Noise Impact**

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

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## Event and Action Plan for Landscape and Visual Impact

Event		Action					
Event		ET	SO	Contractor			
Non-conformity one occasion	on	<ol> <li>Identify Source;</li> <li>Inform the Contractor and the SO;</li> </ol>	<ol> <li>Notify Contractor; and</li> <li>Ensure remedial measures are</li> </ol>	<ol> <li>Amend working methods;</li> <li>Rectify damage and undertake</li> </ol>			
		<ol> <li>Discuss remedial actions with the SO and the Contractor; and</li> <li>Monitor remedial</li> </ol>	properly implemented.	any necessary replacement.			
		actions until rectification has been completed					
Repeated conformity	Non-	<ol> <li>Identify Source;</li> <li>Inform the Contractor and the SO;</li> </ol>	<ol> <li>Notify Contractor; and</li> <li>Ensure remedial measures are</li> </ol>	<ol> <li>Amend working methods;</li> <li>Rectify damage and undertake</li> </ol>			
		3. Increase monitoring frequency;	properly implemented.	any necessary replacement.			
		4. Discuss remedial actions with the SO and the Contractor;					
		5. Monitor remedial actions until rectification has been completed; and					
		<ol> <li>If exceedance stops, cease additional monitoring.</li> </ol>					

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Appendix I

Waste Flow Table

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Waste Flow	Vaste Flow Table for Year 2018										
		Actual Quantities of Inert C&D Materials Generated Monthly					Actual	Quantities of Non-	inert C&D Wast	es Generated N	lonthly
Monthly Ending	Total Quantity Generated (Inert C&D)	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. general refuse
	(in '000m ³ )	(in '000m ³ )	(in '000m ³ )	(in '000m ³ )	(in '000m ³ )	(in '000m ³ )	(in '000 kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m ³ )
2018 Jan	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-Total	0.005	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.018
2018 Jul	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2018 Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.013
2018 Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.004
2018 Dec	0.005	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.001
Total	0.005	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.018

Note:

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

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

3) The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m³.

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Appendix J

**Environmental Mitigation Implementation Schedule (EMIS)** 

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		Noise Measures		
		• Scheduling the construction activities carefully according to the actual site work situation, avoid of concurrent activities and construction works fronting the affected schools, to minimize the total noise generated (max as 102dB (A).	Contractor	Not Applicable
		<ul> <li>PME is recommended to operate in sub-grouping, and different sub-groups shall not be operated concurrently within any half hour period</li> </ul>	Contractor	Not Applicable
		<ul> <li>The construction activities should be carried out in the daytime hours (0700 – 1900). Construction Noise Permit (CNP) for constriction activities is required during evening or night time hours.</li> </ul>	Contractor	
3.10.2, 3.10.3, 3.10.14,		<ul> <li>Construction work programme should be considered before actual construction work is undertaken, and noise mitigation measures should be implemented to minimize the potential construction noise impact. Selection and optimization of construction programmes, avoidance and reduction of parallel operation of noisy PME during noise sensitive periods.</li> </ul>	Contractor	Not Applicable
3.10.15 and Table 3.10	Within the boundaries of	<ul> <li>Use of well-maintained and regularly-serviced plant during the works.</li> </ul>	Contractor	Not Applicable
		• Plant operating on intermittent basis should be turned off or throttled down when not in active use.	Contractor	Not Applicable
		• Plant that is known to emit noise strongly in one direction should be orientated to face away from the NSRs.	Contractor	Not Applicable
	all construction	<ul> <li>Silencers, mufflers and enclosures for plant should be used where possible and maintained adequately throughout the works.</li> </ul>	Contractor	Not Applicable
	sites.	Fixed plants should be sited away from NSRs where possible.	Contractor	Not Applicable
		<ul> <li>Stockpiles of excavated materials and other structures such as site buildings should be used effectively to screen noise from the works.</li> </ul>	Contractor	Not Applicable
3.10.4, 3.10.5 and		<ul> <li>The use of particular plant with equipment quieter than those specified in the GW-TM are recommended to reduce the noise levels generated by the plant.</li> </ul>	Contractor	Not Applicable
Table 3.3		• Other type of quiet PME are allowed to use for their needs based on the actual construction conditions and programmes	Contractor	Not Applicable
		• Temporary noise barriers provide noise attenuation by screening NSRs from stationary and mobile plants from direct line-of-sight in shadow zone.	Contractor	Not Applicable
3.10.6 to 3.10.9		<ul> <li>The use of 3m high moveable barriers with skid footing and a small cantilevered upper portion should be adopted. The barrier material shall have a surface mass of not less than 14kg/m² on skid footing with 25mm thick internal sound absorptive lining to achieve the maximum screening effect.</li> </ul>	Contractor	Not Applicable
		<ul> <li>These temporary noise barriers should be located immediately adjacent to working area.</li> </ul>	Contractor	Not Applicable

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		<ul> <li>The temporary noise barriers should be located along the working area to make sure the construction plant could be screened during all kinds of construction activities as far as practicable.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Noise jacket/muffler shall be used to cover the noisy part of the engine or at the engine exhaust of particular mobile plants respectively when temporary noise barriers are not practicable or noise reduction achieved is insufficient.</li> </ul>		Not Applicable
		<ul> <li>For the stationary plant bored pile oscillator, temporary noise barriers of sufficient height with skid footing and small cantilevered upper portion should be provided.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Barrier material of surface density of at least 14 kg/m² is recommended in order to achieve the necessary screening effect.</li> </ul>	Contractor	Not Applicable
3.10.10		<ul> <li>Full noise enclosures should cover the PME or fixed plants such as air compressor.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Silencers, mufflers and enclosures for plant should be used where possible and maintained adequately throughout the works;</li> </ul>	Contractor	Not Applicable
3.10.3		<ul> <li>Where possible fixed plants should be sited away from NSRs; and</li> </ul>	Contractor	Not Applicable
		<ul> <li>Stockpiles of excavated materials and other structures such as site buildings should be used effectively to screen noise from the works.</li> </ul>	Contractor	Not Applicable
		Air Quality Measures		
		<ul> <li>The Contractor shall notify any specific construction works as stated in the Air Pollution Control (Construction Dust) Regulation to the Authority before the commencement of such work. Dust mitigation measures stipulated in the Air Pollution Control (Construction Dust) Regulation should be implemented to control dust emissions from all construction work sites.</li> </ul>	Contractor	Implemented
4.12.1 and	Within the boundaries of all	<ul> <li>The Contractor shall undertake at all times to prevent dust nuisance as a result of his activities. Dust suppression measures such as the water spraying are necessary and should be installed to ensure that the air quality at the boundary of the site and at any sensitive receivers complies with the Hong Kong Air Quality Objectives.</li> </ul>	Contractor	Not Observed
4.12.2	construction sites.	<ul> <li>The Contractor shall apply for a license or permit under the requirements of the relevant legislation (e.g. Air Pollution Control Ordinance and its subsidiary regulations) wherever applicable.</li> </ul>	Contractor	Implemented
		<ul> <li>Watering of unpaved areas, access roads, construction areas and dusty stockpiles shall be undertaken at least eight times daily during dry and windy weather. Watering of the haul road shall be undertaken four to eight times daily during dry or windy weather. Water sprays may be either fixed or mobile to follow individual areas to be wetted as and when required. Application of suitable wetting agents, such as dust suppression chemicals, shall be used in addition to water, especially during the dry season (October to December). It is also suggested that watering with</li> </ul>	Contractor	Not Observed

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		complete coverage of active construction area eight times a day.		
		• Effective water sprays shall be used during the delivery and handling of all raw sand and aggregate, and other similar materials, wet dust is likely to be created and to dampen all stored materials during dry and windy weather.	Contractor	Not Observed
		<ul> <li>Stockpiles of sand, aggregate or any other dusty materials greater than 20m³ shall be enclosed on three sides, with walls extending above the pile and 1 meter beyond the front of the pile.</li> </ul>	Contractor	Implemented
		<ul> <li>Suitable chemical wetting agent such as dust suppression chemical shall be used on completed cuts and fills to reduce wind erosion.</li> </ul>	Contractor	Not Observed
		<ul> <li>Areas within the construction site where there is a regular movement of vehicles shall have a paved surface and be kept clear of loose surface material.</li> </ul>	Contractor	Not Observed
		<ul> <li>The Contractor shall restrict all motorized vehicles within the construction site, excluding those on public roads, to maximum speed of 20 km per hour and confine haulage and delivery vehicles to designated roadways inside the Site.</li> </ul>	Contractor	Not Observed
		<ul> <li>Construction working areas should be restricted to a minimum practicable size.</li> </ul>	Contractor	Implemented
		<ul> <li>The Contractor shall ensure that no earth, rock or debris is deposited on public or private rights of way as result of his activities, including any deposits arising from the movement of plant or vehicles.</li> </ul>	Contractor	Implemented
4.12.1		<ul> <li>The Contractor shall provide a wheel washing facility at the exits from work areas to the satisfaction of the Engineer and to the requirements of the Commissioner of Police. Water in wheel washing facilities and sediment shall be changed and removed respectively at least once a month.</li> </ul>	Contractor	Not Observed
		<ul> <li>The Contractor shall submit details of the wheel washing facilities, which shall be usable prior to any earthworks excavation activity on the construction site. The Contractor shall also provide a hard-surfaced road between any washing facility and the public road.</li> </ul>	Contractor	Not Observed
		<ul> <li>In the event of any spoil or debris from construction works being deposited on adjacent land, or steams, or any slit being washed down to any area, then all such spoil, debris or material and silt shall be immediately removed and the affected land and areas restored to their natural state by the Contractor to the satisfaction of the Engineer.</li> </ul>	Contractor	Implemented
		<ul> <li>If spoil cannot be immediately transported out of the Site, stockpiles should be stored in sheltered areas.</li> </ul>	Contractor	Implemented
		<ul> <li>Plant and vehicles shall be inspected annually to ensure that they are operating efficiently and that exhaust emissions are not causing a nuisance. All site vehicle exhausts should be directed vertically upwards or directed away from ground.</li> </ul>	Contractor	Not Applicable

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		<ul> <li>Construction dust monitoring shall be carried out at representative monitoring locations during the construction period.</li> </ul>	Contractor	Implemented
4.12.1, 4.13.1 and Table 8.2		• Path for complaints and handling procedures should be set up and implement.	Contractor	Implemented
		<ul> <li>Dark smoke emission shall be control in accordance with the Air Pollution Control (Smoke) Regulation and ETWB TCW 19/2005.</li> </ul>	Contractor	Implemented
NA		<ul> <li>Plant and equipment should be well maintained to prevent dark smoke emission.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Only approved or exempted Non-road Mobile Machineries (NRMMs) including regulated machines and non-road vehicles with proper labels are allowed to be used in specified activities on-site.</li> </ul>	Contractor	Not Applicable
	•	Water Quality Measures		
		<ul> <li>Silt-laden surface run-off should be prevented from directly entering the sensitive receivers during the construction works. The mitigation measures described below for the construction phase are in accordance with ProPECC PN 1/94:</li> </ul>		Implemented
5.7		• Construction works should be programmed so as to minimise excavation during the wet season (April to September). If this is not possible then measures should be taken to minimise the areas exposed by covering temporary exposed slopes with tarpaulins or similar material, the protection of temporary road surfaces with gravel or crushed stone and the early reinstatement of final surfaces with hydro seed grass/shrub mixture. This latter measure would have the added benefit of reducing the windblown dust during the dry season. Where temporary covering of slopes is required this should be carried out before the onset of the rainfall or storm.	Contractor	Implemented
	construction sites.	<ul> <li>Existing and newly constructed open manholes should be covered and sealed to prevent run off and water borne debris entering the drainage network without having previously passed through a sediment trap.</li> </ul>		Implemented
		<ul> <li>Stock piles of construction materials, sand and gravel or excavated material should be covered with tarpaulins prior to rainstorms. The washing of material from the stockpiles directly into the storm drains should be prevented by passing the run off through a sediment trap.</li> </ul>		Implemented
		<ul> <li>The surface water from the site should be discharged into storm water drain after passing through sand and silt traps designed to accommodate the maximum discharge from the site. Within the site channels, bunds or sandbags should be used to direct run off into the traps. Storm water from outwit</li> </ul>	Contractor	Implemented

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		the site should be prevented from washing over the site by the construction of interceptor channels at the site boundary. Both perimeter channels and the sedimentation traps should be constructed prior to the commencement of site formation and earthworks.		
		• The efficiency of the interceptor channels, traps and sedimentation chambers should be maintained by regular cleaning of accumulated silt and sand. Particular attention should be paid to maintenance following heavy rainfall and immediately after the issue of heavy rainfall warning by the Hong Kong Observatory.	Contractor	Not Applicable
		• The ingress of rainwater into trenches should be minimised by the construction of bunds to prevent water flowing into the trench and covering by tarpaulins to prevent direct entry. The lengths of excavated trenches should be minimised and backfilled at the earliest opportunity. Water pumped from the trenches should be discharged to the storm water drains following passage through a suitable silt trap.		Implemented
		• Any ground water seeping into any trenches or foundation works should be passed through a silt trap prior to discharge to the storm water drains.	Contractor	Implemented
		• The water used for the washing down of mixing drums used for onsite batching of concrete and delivery lorries for off-site batched concrete should be recycled whenever possible. Wastewater generated from the washing which is discharged should be passed through a silt trap before discharge to the storm water system.	Contractor	Not Applicable
		• The wastewater from the washing of the wheels and subframe of vehicles returning from the site onto public roads will contain suspended solids and debris. A washing bay should be provided at the exit from the site and should, where practicable, incorporate water recirculation. Water from the washing bay which is discharged to the storm water system should first be passed through a silt trap which also includes an oil/grease removal weir.		Not Observed
		• Plant maintenance areas should be paved to prevent waste oils soaking into the ground. Where possible the area should be undercover to minimise the formation of runoff and any runoff from the paved area passed through an oil trap before being discharged to the storm drains. Fuel storage tanks should be surrounded by bunds with a capacity of at least 150% of the storage capacity. The bunded areas should be able to be drained of rain water through the petrol interceptor and accumulated rain removed at regular intervals.	Contractor	Not Observed
		• Waste oils from the site should be collected and stored for recycling or disposal in accordance with the Waste Disposal Ordinance and absorbent cloths and granules should be available for the cleanup of spillages.	Contractor	Not Observed

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		<ul> <li>Sewage from toilets and kitchens should be discharged directly into a foul sewer. If it is not possible to locate the site offices within easy access of a foul sewer a septic tank and soakaway should be constructed before the offices are occupied. Chemical toilets should be emptied on a daily basis and the contents taken to a foul sewer or the Sha Tin Sewage Treatment Works for disposal. Wastewater collected from canteen kitchens should be discharged to the foul sewers via grease traps which provide a minimum of 20 minutes retention during peak flow. All discharges into foul sewers and storm sewers should have to be complied with TM standards under WPCO.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Run off from roofed surfaces of site facilities should be collected and diverted to a storm water drain.</li> <li>Passage through a silt trap is only required if the water is diverted via open .channels which might accumulate solids during non rainy periods or which intercept surface run off from unpaved areas.</li> </ul>		Not Observed
		<ul> <li>Discharges from the site shall be required to meet the terms and conditions of a valid WPCO Water Pollution Control Ordinance (WPCO).</li> </ul>	Contractor	Implemented
		<ul> <li>Regular site inspection of the construction works shall be carried out to determine compliand measures. Inspection should be included:</li> </ul>	ce with the recon	nmended mitigation
		(i) The functioning of onsite surface water collection channels and sediment traps.	Contractor	Not Observed
		(ii) The functioning of interception channels at the boundary of the works areas	Contractor	Not Observed
		(iii) The covering of stockpiles of fill and construction materials and the routing of any run off through the sediment traps.	Contractor	Implemented
Section 12.6 of the		(iv) The pumping procedures for emptying trenches and other excavations and the use of silt traps prior to the discharge of the water to the storm water system.	Contractor	Not Observed
Approved EIA Report		(v) The use of washwater for hosing down concrete mixing and delivery vehicles and other vehicles leaving the site and the routine of excess water from the facility through sediment traps.	Contractor	Not Applicable
		(vi) The operation of the plant maintenance areas to control small spillages and the correct management of the fuel storage bunded area.	Contractor	Not Applicable
		(vii) The connection of the site office wastewater discharge to an existing foul sewer if appropriate or the operation of the kitchen wastewater grease trap and the regular emptying of the chemical toilets	Contractor	Not Applicable
		(viii)The operation of the roof rain water collection and drainage system.	Contractor	Not Applicable
		Landscape and Visual Mitigation Measures		
Table 6.5		Construction Phase		

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		• Existing trees shall be preserved as much as possible. Detailed tree preservation and transplanting proposals shall be submitted to relevant government departments for approval in accordance with DEVB TC (W) No. 7/2015.		Implemented
	During construction	• Topsoil will be conserved as far as possible during the road improvement works and utilized during the replanting operations. The stock piling height of the topsoil will not be more than 2m.	Contractor	Implemented
	within the Project	• Old and valuable trees (OVTs) identified in the Project Boundary shall be protected in accordance with ETWB TCW no. 29/2004.	Contractor	Implemented
	Boundary.	• Night-time lighting glare shall be properly managed and control during construction so as to minimize any adverse visual impact on adjacent VSRs.	Contractor	Not Observed
		<ul> <li>Decorative screen hoarding with design compatible with the surrounding landscape setting shall be erected along the southern boundary of Tai Po Road to mitigate any potential adverse impact on adjacent Pedestrian and Cyclists on Footpath/Bicycle Track.</li> </ul>		Not Observed
		Operation Phase		
		• Compensatory planting shall be provided within and outside the project boundary where possible. Detailed compensatory planting proposal will be prepared in accordance with DEVB TC (W) No. 7/2015.	Contractor	Implemented
	During	• Planting shall be undertaken at the earliest practical time in the construction period. The planting proposal shall aim to strengthen the existing tree species and supplement the existing tree planting to provide an effective screen to ameliorate any potential landscape and visual impacts. The proposed species to be utilized for road improvement works shall be agreed with LCSD and future maintenance authorities. All the proposed species for compensatory planting shall be suitable for roadside streetscape planting.	Contractor	Implemented
	within the Project Boundary.	• Provision of visually pleasing noise barriers and enclosures design shall be proposed. The design of these structures aims to minimize any potential visual impact and visually integrate the proposed structures into the adjacent landscape context. This should be achieved through the use of form, color, tones, materials and planting materials.	Contractor	Not Observed
		<ul> <li>Aesthetically pleasing hard landscape treatment of the carriageway and roadside furniture shall be proposed, including development of chromatic themes in the architectural treatment of engineering structures, and the consideration of landscape lighting and special landscape features.</li> </ul>	Contractor	Not Observed
		• Shrubs and climbers planting are proposed on the facade of Noise Enclosures and Barriers to mitigate any adverse impact on adjacent VSRs in area where space for tree planting is not feasible.	Contractor	Implemented

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		Waste Management Measures		
7.6.2 to 7.6.4	boundaries of	• In accordance with ETWB TC (W) No. 19/2005 - Environmental Management on Construction Sites", the Contractor shall prepare and implement a Waste Management Plan (WMP) as part of the Environmental Management Plan (EMP). The EMP shall describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from the construction activities. Such a management plan should incorporate site specific factors, such as the designation of areas for segregation and temporary storage of reusable and recyclable materials. The EMP should be submitted to the Engineer for approval.	Contractor	Implemented
	all construction	• The Contractor should implement the waste management practices in the EMP throughout the construction stage of the Project. The EMP should be reviewed regularly and updated by the Contractor.	Contractor	Implemented
		• Recommendations of good site practices and waste reduction measures should be stated in order to achieve avoidance and minimization of waste generation in the hierarchy.	Contractor	Implemented
7.6.5 to 7.6.6		<ul> <li>Environmental Management Plan (EMP) and trip-ticket system shall be implemented for monitoring management of waste.</li> </ul>	Contractor	Implemented
		• Specific measures targeting the mitigation of impacts in works areas and the transportation of spoil off-site should be provided to minimize the potential impacts to the surrounding environment.	Contractor	Implemented
7.6.7	Within the boundaries of all construction	• To facilitate adoption of the best-practice philosophy, training shall be provided to all personnel working on site. The training shall promote the concept of general site cleanliness and clearly explain the appropriate waste management procedures defined in the EMP. Overall, the training should encourage all workers to reduce, reuse and recycle wastes.	Contractor	Implemented
	sites as well as	The contractor's environmental performance shall be monitored and controlled through the weekly environmental walks shall include:	environmental wal	ks. The items after the
	transportatio n routes to	• A review of the EMP in particular the suitability of the environmental measures on nuisance abatement and waste management adopted by the contractor;	Contractor	Implemented
7.6.8 to 7.6.9	designed	<ul> <li>The environmental performance of the contractor and his sub-contractors;</li> </ul>	Contractor	Implemented
	site disposal	<ul> <li>The effectiveness of the environmental measures on nuisance abatement and waste management implemented on the site, and any complaints received; and</li> </ul>	Contractor	Implemented
	of materials/Pri	<ul> <li>The promptness of rectification or improvement actions of the Contractor on the defects and deficiencies identified during inspections of the site.</li> </ul>	Contractor	Implemented
	or to and	• Waste shall only be disposed of at licensed sites and the WMP should include procedures to	Contractor	Implemented

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
	construction	ensure that illegal disposal of wastes does not occur. Only waste haulers authorized to collect the specific category of waste concerned should be employed and a trip ticket system shall be implemented for offsite disposal of inert C&D materials and non-inert C&D materials at public fill reception facilities and landfills, respectively. Appropriate measures should be employed to minimize windblown litter and dust during transportation by either covering trucks or transporting wastes in enclosed containers.		
7.6.10		<ul> <li>Work site(s) shall be arranged and managed to facilitate the proper management of wastes and materials. The WMP shall include plans indicating specific areas designated for the storage of particular types of waste, reusable and recyclable materials as well as areas and management proposals for any stockpiling areas. Waste storage areas should be well maintained and cleaned regularly. Specific provisions for different types of material are outlined below. In general, these areas should be designed to avoid cross contamination of materials as well as pollution of the surrounding environment.</li> </ul>	Contractor	Implemented
		<ul> <li>In order to minimize the impact resulting from collection and transportation of C&amp;D material for off- site disposal, the excavated fill materials should be reused on site as backfill material as far as possible.</li> </ul>	Contractor	Not Observed
		<ul> <li>Careful design, planning and good site management should be maintained in order to minimise over ordering and generation of surplus materials such as concrete, mortars and cement grouts. The design of formwork should maximise the use of standard wooden panels so that high reuse levels can be achieved. Alternatives such as steel formwork or plastic facing should be considered to increase the potential for reuse.</li> </ul>	Contractor	Implemented
7.6.11 to 7.6.14		<ul> <li>C&amp;D materials should be segregated on site into different waste and material types. The Contractor should clearly demonstrate in the EMP how he intends to maximise the reuse of C&amp;D material on-site. Where reuse of materials on site is not feasible, the Contractor should explore opportunities for recycling materials off-site, and inert C&amp;D materials shall be reused on site as much as possible.</li> </ul>	Contractor	Implemented
		<ul> <li>Paving bricks arising from existing pavement should be recycled on site as much as possible.</li> </ul>	Contractor	Not Applicable
		<ul> <li>Existing marginal roadside barriers comprise pre-cast units should be reused in the following widening works as much as possible,</li> </ul>	Contractor	Not Applicable
		<ul> <li>Existing bridge parapets comprise aluminum post and railings, which have a recyclable value and should be sold for reconditioning or reused for scrap metal as much as possible</li> </ul>	Contractor	Not Applicable

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase
		<ul> <li>Any stockpile should be sited away from existing watercourses and suitably covered to prevent wind erosion and impacts on air and water quality.</li> </ul>	Contractor	Implemented
		<ul> <li>Chemical waste shall be handled in accordance with the Code of Practice on the Packaging, Hand as follows. Containers used for the storage of chemical wastes shall</li> </ul>		of Chemical Wastes
		<ul> <li>be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed;</li> </ul>	Contractor	Implemented
		• have a capacity of less than 450L unless the specifications have been approved by the EPD; and	Contractor	Implemented
		<ul> <li>display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation (Cap. 354C).</li> </ul>	Contractor	Implemented
		The storage area for chemical wastes should:		
		<ul> <li>be clearly labelled and used solely for the storage of chemical waste;</li> </ul>	Contractor	Implemented
		<ul> <li>be enclosed on at least 3 sides;</li> </ul>	Contractor	Implemented
7.6.15 to 7.6.17		• have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest;	Contractor	Implemented
7.0.17		<ul> <li>have adequate ventilation;</li> </ul>	Contractor	Implemented
		<ul> <li>be covered to prevent rainfall entering (water collected within the bund must be tested and disposed as chemical waste if necessary); and</li> </ul>	Contractor	Implemented
		<ul> <li>be arranged so that incompatible materials are adequately separated.</li> </ul>	Contractor	Implemented
		The Contractor shall register with EPD as a Chemical Waste Producer. Waste oils and other chemica (Chemical Waste) (General) Regulation will require disposal by appropriate means and could require Appropriate means include disposal:		
		<ul> <li>via a licensed waste collector; and</li> </ul>	Contractor	Implemented
		<ul> <li>to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers; or</li> </ul>		Implemented
		<ul> <li>to a reuser of the waste, under approval from EPD.</li> </ul>	Contractor	Implemented
7.6.18 to 7.6.20		<ul> <li>General refuse generated on-site should be stored in enclosed bins or compaction units separate from construction and chemical wastes. A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily or every second day basis to minimize odour, pest and litter</li> </ul>	Contractor	Implemented

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EIA Review Ref	Location	Environmental Protection Measures/	Implementation Agent	Implementation Status in Construction Phase	
		impacts. The burning of refuse on construction sites is prohibited by law.			
		<ul> <li>Separate labelled bins should be provided if feasible.</li> </ul>	Contractor	Implemented	
		• Office waste can be reduced through recycling of paper if volume is large enough to warrant collection. Participation in a local collection scheme should be considered if one is available.	Contractor	Not Observed	
7.7.1		<ul> <li>All wastes produced during the construction of the Project shall be handled, stored, and disposed of in accordance with good waste management practices and relevant regulations and requirements.</li> </ul>	Contractor	Implemented	
		<ul> <li>The mitigation measures recommended in the EIA/EIA review report should form a basis of the WMP to be developed by the Contractor in the construction phase of the Project.</li> </ul>	Contractor	Implemented	
EP 1.5	General Condition				
N.A	within the Project Boundary.	• The Permit Holder shall display conspicuously a copy of this Permit on the Project site(s) at all vehicular site entrance/exits or at a convenient location for public information at all times. The Permit Holder shall ensure that the most updated information about the Permit, including ant amended Permit, is displayed at such locations. If the Permit Holder surrenders a part or the whole of the Permit, the notice he sends to the Director shall also be displayed at the same locations as the original Permit. The suspended, varied or cancelled Permit shall be removed from display at the Project site(s).	Contractor	Implemented	

Implementation status: Implemented / Partially Implemented / Not Implemented / Not Observed / Not Applicable

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Appendix K

Weather and Meteorological Conditions during Reporting Month

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	Mean	Air Temperature			Mean Relative	Total
Date	Pressure (hPa)	Maximum	Mean	Minimum	Humidity	Rainfall (mm)
	(IIF a)	(deg. C)	(deg. C)	(deg. C)	(%)	(1111)
			December 2018			
01	1018.3	24.2	22.1	21.1	78	0.0
02	1016.4	24.3	22.4	21.2	83	0.0
03	1016.5	26.0	23.7	22.0	79	0.0
04	1016.0	27.1	24.8	22.7	78	0.0
05	1015.5	24.8	23.6	22.5	82	Trace
06	1015.5	25.1	23.3	21.6	84	0.1
07	1018.5	23.3	21.1	18.5	88	1.0
08	1021.6	19.7	18.0	16.7	76	0.0
09	1021.5	18.3	17.0	16.4	75	Trace
10	1019.7	18.3	17.0	15.1	75	0.2
11	1020.3	20.4	18.0	16.5	68	Trace
12	1024.2	16.5	14.9	13.7	67	0.0
13	1025.1	18.1	15.6	13.5	68	0.0
14	1025.3	18.2	16.8	15.5	72	0.0
15	1023.5	21.2	18.9	17.2	75	0.0
16	1022.0	20.9	19.3	18.0	74	Trace
17	1022.2	21.0	18.0	15.6	56	0.0
18	1022.2	20.2	18.1	16.2	60	0.0
19	1019.5	21.5	19.9	18.5	78	0.0
20	1016.5	23.2	21.6	20.1	84	0.0
21	1016.1	25.0	22.4	21.4	86	0.0
22	1017.0	25.2	22.2	20.0	77	0.0
23	1017.6	22.5	20.1	17.5	89	10.5
24	1017.5	19.0	18.0	16.8	86	0.1
25	1015.5	21.1	19.7	18.5	81	0.0
26	1014.3	23.6	20.9	18.7	84	0.0
27	1016.6	22.8	20.6	18.9	79	Trace
28	1021.6	20.2	18.1	16.3	70	Trace
29	1026.1	16.3	14.0	12.5	68	Trace
30	1026.5	15.4	12.6	10.3	67	Trace
31	1027.0	15.6	13.2	11.8	68	0.0

Source: Hong Kong Observatory

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Appendix L

## Cumulative statistics on Environmental Complaints, Notifications of Summons and Successful Prosecution

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#### **Environmental Complaints Log**

Reference No.	Date of Complaint Received	Received From	Received By	Nature of Complaint	Date of Investigation	Outcome	Date of Reply
No complaint cases during reporting month.							

#### **Cumulative Statistics on Complaints**

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

#### Cumulative Statistics on Notification of Summons and Successful Prosecutions

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

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Appendix M

Summary of Site Audit in the Reporting Month

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## Summary of Site Audit in the Reporting Month

Parameters	Date	Observations and Recommendations	Follow-up	
Air Quality	No deficiency was found during the reporting month.			
Noise		No deficiency was found during the reporting month.		
Water Quality		No deficiency was found during the reporting month.		
Chemical and Waste Management	No deficiency was	was found during the reporting month. Contractor was reminded to clear the waste materials frequently.		
Land Contamination		No deficiency was found during the reporting month.		
Landscape and Visual Impact		No deficiency was found during the reporting month.		
General Condition		No deficiency was found during the reporting month.		