JOB NO.: TCS001062/19

EP/SP/86/15
Organic Waste Treatment Facilities Phase 2

BASELINE ENVIRONMENTAL MONITORING AND AUDIT REPORT – BACKGROUND NOISE

PREPARED FOR

AJA Joint Venture

Date	Reference No.	Prepared By	Certified By
20 December 2021	TCS001062/19/600/R0012v8		
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Version	Date	Remarks
1	18 October 2019	First Submission
2	18 November 2019	Amended against IEC comments dated on 14 November 2019
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4	20 April 2020	Amended against EPD comments
5	7 May 2020	Amended against IEC comments dated on 5 May 2020
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7	22 October 2021	Amended against EPD comments
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Attn: Mr. Chris Leung

20 January 2022

Dear Sir

Contract No. EP/SP/86/15
Organic Waste Treatment Facilities Phase 2
Baseline Environmental Monitoring & Audit Report (Version 8)

Referring to your letter referenced above dated 18 January 2022, we hereby verify that the captioned report complied with the requirements as set out in the Environmental Monitoring and Audit (EM&A) Manual and in accordance with Condition 3.3 of Environmental Permit EP-01/460/2013/A and Further environmental Permit FEP-01/460/2013/A.

Should you have any queries, please contact the undersigned at 2268 3437.

Yours faithfully

Ricky Chui
Independent Environmental Checker

cc EPD – Ms. Queenie Ng, Mr. Sunny Chiu, Mr. Aron Lo
Mr. Jason Tsang, Miss Cherry Ho, Mr. Julian Lam
AECOM – Mr. Desmond Ng, Mr. Ben Tsang, Mr. Philip Cheung
Mr. K. C. Chu, Mr. Ivan Yung, Mr. YW Mok, Ms. Karie Ng
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Mr. Salinda Palipana, Mr. C.C. Chow, Mr. Gabriel Wong
AUES – Mr. T.W. Tam, Mr. Martin Li

EXECUTIVE SUMMARY

ES.01. Environmental Protection Department (hereafter referred as "EPD") is the Project Proponent for the Project *"Organic Waste Treatment Facilities Phase 2"* (hereafter referred as "the Project"). The Project is a Designated Project to be implemented under Environmental Permit No. EP-460/2013 (hereafter referred as "the EP").

ES.02. AJA Joint Venture has been awarded the *EPD Contract No. EP/SP/86/15 "Organic Waste Treatment Facilities Phase 2"*. According to the Contract requirement, AJA Joint Venture shall take over all the responsibility of the Environmental Permit No. EP-460/2013 for ease of management, therefore application for Further Environmental Permit was submitted by AJAJV to EPD on 10 September 2019 and Further Environmental Permit No. FEP-01/460/2013 was granted to AJAJV by EPD on 2 October 2019 (hereafter referred as "the FEP").

ES.03. Action-United Environmental Services & Consulting (hereinafter referred as "AUES") has been commissioned by AJA Joint Venture as Environmental Team (hereinafter referred as "ET") to implement Environmental Monitoring & Audit (EM&A) programme in accordance with the approved EM&A Manual as well as the associated duties.

ES.04. According to the EM&A Manual, construction noise was identified as the key environmental issue during the construction phase of the Project and it is required to carry out construction noise monitoring throughout the construction phase. No baseline monitoring for other aspects (e.g. air quality, water quality) is required according to the EM&A Manual. Furthermore, baseline monitoring as part of the EM&A programmes shall be conducted prior to the commencement of the construction works under the Project. Thus, baseline noise monitoring was conducted by ET from ***25 September 2019*** to ***8 October 2019*** which was before the commencement of construction of the Project on ***3 December 2019.*** During the baseline monitoring period, no construction activities under the Project or other external influencing factors of significant concern such as construction activities under the other Projects, was observed.

ES.05. The baseline monitoring results form the basis for determining the environmental acceptance criteria for the impact monitoring. After completed the baseline monitoring, all the obtained measurement data will be used as a baseline reference. According to Section 4 of the EM&A Manual, the Action and Limit (A/L) Levels of construction noise monitoring is listed in ***Table ES-1***.

Table ES-1 Action and Limit Levels of Construction Noise Monitoring

Monitoring Location	Action Level	Limit Level
	Time Period: 0700-1900 hours on normal weekdays	
N1,N2a, N3a, N4	When one or more documented complaints are received	75 dB(A)

Note:
1 If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the NCA have to be followed.
2 70dB(A) for schools and 65dB(A) during school examination periods
3 The alternative monitoring location N2a and N3a are proposed for both baseline and impact monitoring

ES.06. In case where exceedance of construction noise action or limit level occurs, actions should be carried out in accordance with the "*Event and Action Plan*" stated in the EM&A Manual.

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1 INTRODUCTION

1.1 PROJECT BACKGROUND

1.1.1 Environmental Protection Department (hereafter referred as "EPD") is the Project Proponent for the Project *"Organic Waste Treatment Facilities Phase 2"* (hereafter referred as "the Project"). The Project is a Designated Project to be implemented under Environmental Permit No. EP-460/2013. The layout plan of the Project is shown in ***Appendix A***.

1.1.2 AJA Joint Venture has been awarded the *EPD Contract No. EP/SP/86/15 "Organic Waste Treatment Facilities Phase 2"*. According to the Contract requirement, AJA Joint Venture shall take over all the responsibility of the Environmental Permit No. EP-460/2013 for ease of management, therefore application for Further Environmental Permit was submitted by AJAJV to EPD on 10 September 2019 and Further Environmental Permit No. FEP-01/460/2013 was granted to AJAJV by EPD on 2 October 2019. This baseline report also serves as the relevant EP submission for EP-460/2013.

1.1.3 Major works of construction activities under the Project included:

(i) Demolition the existing above ground structures of the Sha Ling Livestock Waste Composting Plant (SLCP);
(ii) Construction superstructure for an administration building and enclosed waste reception area;
(iii) Installation of treatment facilities including waste pre-treatment equipment, digesters, biogas holding tanks, composting, wastewater treatment, air treatment systems; and
(iv) Facilities for biogas processing, utilization and transmission;

1.1.4 Action-United Environmental Services & Consulting (hereinafter referred as "AUES") has been commissioned by AJAJV as an Environmental Team (hereinafter referred as "the ET") to implement the Environmental Monitoring & Audit (EM&A) programmes in accordance with the approved EM&A Manual as well as the associated duties.

1.1.5 As part of the EM&A programmes, baseline monitoring is required to be conducted prior to commencement of construction works of the Project. The Environmental Monitoring requirements are set out in the Approved EM&A Manual, only construction noise was identified as the key issues during the construction phase of the Project. Thus, baseline noise monitoring was conducted by the ET from ***25 September 2019*** to ***8 October 2019*** which was before the commencement of construction of the Project on ***3 December 2019.*** During the baseline monitoring period, no construction activities under the Project or other external influencing factors of significant concern such as construction activities under the other Projects was observed.

1.1.6 This Baseline Monitoring Report presents the detailed baseline monitoring information including project background, monitoring methodology and results, and Action/Limit (A/L) Levels as setting in the EM&A Manual for subsequent use in the construction phase of the Project.

1.2 REPORT STRUCTURE

1.2.1 The Baseline Monitoring Report is structured into the following sections:-

Section 1 Introduction
Section 2 Summaries of Baseline Monitoring Requirement.
Section 3 Baseline Monitoring Methodology
Section 4 Baseline Monitoring Results
Section 5 Conclusions and Recommendations

2 BASELINE REQUIREMENT OF ENVIORNMENTAL MONITORING PROGRAMMES

2.1 GENERAL

2.1.1 According to the EM&A Manual requirement, only construction noise monitoring is required during the construction phase of the Project. Other environmental monitoring parameter such as air and water quality is not required during construction period.

2.1.2 Based on the EM&A Manual requirement, baseline noise monitoring should be conducted prior to the commencement of construction work under the Project. A summary of the baseline monitoring requirement for construction noise as stipulated in the EM&A Manual is presented below.

2.2 MONITORING PARAMETERS

2.2.1 The construction noise level should be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). $L_{eq(30min)}$ should be used as the monitoring parameter between 0700 and 1900 hours during baseline monitoring periods.

2.3 MONITORING LOCATIONS

2.3.1 According to the EM&A Manual ***Section 4.2.3***, there were four (4) noise sensitive receivers (NSR) (i.e. N1, N2, N3 and N4) recommended for construction noise monitoring.

2.3.2 Site visits were conducted by ET to identify the NSR. Since access to the two designated location N2 (Village House No. 319 of Sha Ling) and N3 (Village House No. 265 of Sha Ling) for noise monitoring was not granted by the house owner, two alternative locations N2a (Village House No. 318 of Sha Ling) and N3a (Village House No. 261 of Sha Ling) were proposed to carry out the baseline noise monitoring.

2.3.3 The details of the designated monitoring location N2 & N3 and alternative monitoring location N2a & N3a were summarized in ***Table 2-1*** and showed in ***Appendix B.***

Table 2-1 Distance between the original and alternative station

Location ID	Location	Type of premises	Direction from construction site boundary	Slant distance from the construction site boundary
Designated Location N2	Village House No. 319	Residential, Private (Village Type Development)	North	92m
Alternative Location N2a	Village House No. 318	Residential, Private (Village Type Development)	North	109m
Designated Location N3	Village House No. 265	Residential, Private (Village Type Development)	Southwest	55m
Alternative Location N3a	Village House No. 261	Residential, Private (Village Type Development)	Southwest	88m

2.3.4 The rationale for choosing the abovementioned alternative monitoring location to carry out noise monitoring are as follows:

- Alternative N2a and N3a are noise sensitive receiver as defined in the under Annex 13 of EIAO-TM (Residential Uses);
- Alternative N2a and N3a are located nearby recommend monitoring location N2 and N3 respectively. In addition, both alternative locations were close to the major site activities and likely impacts by construction noise; and
- Alternative monitoring N2a and N3a will have minimal disturbance to the occupants during monitoring.

2.3.5 A proposal of alternative monitoring location with detailed justification was submitted and the proposal was agreed by ER, IEC and EPD. Beside façade correction +3 dB(A) will be applied when noise monitoring is carried out under free field condition noise monitoring, an additional

distance correction of +1 dB(A) and +3 dB(A) were proposed and will be applied for alternative monitoring location N2a and N3a respectively due to the difference of slant distance between the designated monitoring locations (N2 and N3) and the alternative monitoring locations (N2a and N3a).

2.3.6 The noise monitoring locations for baseline noise monitoring are listed in ***Table 2-2*** and the photo record was shown in ***Appendix B***.

Table 2-2 Baseline Noise Monitoring Locations

Location ID	Location	Remark
N1	Village House No. 308, Sha Ling	The designated monitoring location
N2a	Village House No. 318, Sha Ling	Alternative location of the designated location N2
N3a	Village House No. 261, Sha Ling	Alternative location of the designated location N3
N4	Village House in Sha Ling as located the Project south-east direction	The designated monitoring location

2.4 MONITORING FREQUENCY AND PERIOD

2.4.1 The requirements of baseline noise monitoring are stipulated in *Sections 4.2.4* of the approved *EM&A Manual* and presented as follows.

2.4.2 One set of L_{eq} (30 minutes) noise measurement between 0700 and 1900 hours should be carried out daily for a period of at least two weeks for the baseline noise monitoring as required in EM&A Manual. However, in order to obtain a more comprehensive baseline database, two more noise measurement was added and overall three sets of L_{eq} (30 minutes) noise measurement were conducted daily for more comprehensive baseline database and presented in this report.

2.5 MONITORING EQUIPMENT

2.5.1 Sound level meter in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications shall be used for carrying out the noise monitoring. The sound level meter shall be checked using an acoustic calibrator. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in ms^{-1}. Noise monitoring equipment used for baseline monitoring is listed in ***Table 2-3***.

Table 2-3 Construction Noise Monitoring Equipment

Equipment	Model
Integrating Sound Level Meter	B&K Type 2238 / Rion NL-52
Calibrator	B&K Type 4231 / Rion NC-75
Portable Wind Speed Indicator	Model 8908 AZ Instrument Wind Speed Indicator

2.5.2 Sound level meters listed above comply with the *International Electrotechnical Commission Publications 651: 1979 (Type 1)* and *804: 1985 (Type 1)* specifications, as recommended in TM issued under the NCO. The acoustic calibrator and sound level meter used baseline monitoring was calibrated yearly.

2.6 DERIVATION OF ACTION/LIMIT (A/L) LEVELS

2.6.1 All the obtained background noise measurement data during baseline monitoring will be used as a reference in case of any Action / Limit levels exceedance was recorded in construction period**.** The Action and Limit (A/L) Levels of construction noise stated in the EM&A Manual Section 4.2.6 is shown in ***Table 2-4.***

Table 2-4 Action and Limit Levels of Construction Noise

Time Period	Action Level	Limit Level
0700-1900 hours on normal weekdays	When one documented complaint is received	(*)75dB(A)

Note: (*) *Reduces to 70 dB(A) for schools and 65 dB(A) during the school examination periods.*

Remarks: If works are to be carried out during restricted hours (1900 to 0700 on normal weekdays or at any time on a general holiday including Sunday), the conditions stipulated in the construction noise permit issued by the EPD have to be followed.

3 BASELINE MONITORING METHDOLOGY

3.1 LOCATION AND DURATION AND INSTRUMENT OF BASELINE MONITORING

3.1.1 The baseline construction noise monitoring was conducted prior commencement of the Project. During the baseline monitoring period, no construction activities of this project or the other external influencing factors of significant concern such as construction activities under the other Projects was observed by the ET.

3.1.2 Baseline noise monitoring was conducted at the monitoring location stated in ***Table 2-1*** for two consecutive weeks from ***25 September 2019*** to ***8 October 2019***.

3.1.3 All the monitoring equipment stated in ***Table 2-2*** was used for the baseline monitoring**.** All the sound level meters and calibrators were calibrated by a calibration & testing laboratory called ***Sun Creation Engineering Limited*** and the valid calibration certificates for the sound level meters and calibrators were provided in ***Appendix C***.

3.1.4 All the noise meter used are in compliance with the detection limit set in International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications. As a QA/QC process, the sound level meter was checked using an acoustic calibrator generating a known sound pressure level at a known frequency and the calibration level from before and after the noise measurement was within 1.0 dB.

3.2 MONITORING PROCEDURES

3.2.1 The noise measurement was performed with the meter set to FAST response and on the A-weighted equivalent continuous sound pressure level (Leq). Leq(30mins) in six consecutive Leq(5min) measurement are used as the monitoring parameter throughout the baseline monitoring period. Restricted hours is 1900 to 0700 on normal weekdays or at any time on a general holiday including Sunday.

3.2.2 During the baseline monitoring, the sound level meter was mounted on a tripod at a height of about 1.2 m and placed at the monitoring locations and oriented such that the microphone was pointed to the site with the microphone facing perpendicular to the line of sight. The windshield was fitted for the measurement. For the baseline noise monitoring, N1, N2a, N3a, and N4 were conducted in a free-field situation i.e. at least 3.5m distances away from reflective surfaces of the adjacent buildings or walls.

3.2.3 Prior baseline noise measurement, the accuracy of the sound level meter was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. The calibration from before and after the noise measurement agrees to within 1.0dB such ±0.5dB of the known sound pressure level.

3.2.4 During the noise measurement, a portable wind speed meter was used to check wind speed (m/s). No noise monitoring was conducted when wind speed was exceeding 5m/s or gusts exceeding 10m/s. Also, no noise measurement was conducted in the presence of fog and rain.

3.3 DATA MANAGEMENT

3.3.1 The baseline monitoring data were handled by the ET's in-house data recording and management system.

3.3.2 The monitoring data recorded in the instruments were downloaded directly from sound level meter at the end of each monitoring day. The downloaded monitoring data were input into a computerized database properly maintained by the ET.

4 BASELINE MONITORING RESULTS

4.1 RESULTS OF BACKGROUND NOISE

4.1.1 The baseline monitoring schedule is enclosed in ***Appendix D***. During the baseline monitoring period, no construction activities under the Project or other external influencing factors of significant concern such as construction activities under the other Projects was observed.

4.1.2 The baseline noise monitoring was undertaken at N1, N2a, N3a and N4 from ***25 September 2019*** to ***8 October 2019***. In order to obtain a more comprehensive baseline database, three sets of L_{eq} (30 minutes) noise measurement were conducted daily. All the three noise measurement was carried out randomly throughout 0700 – 1900 of the monitoring day and no specified measurement period was selected. During the noise measurement, no noise measurement was carried out under rain and in the presence of fog. Furthermore, a portable wind speed meter was used to check wind speed to ensure no wind speed was exceeding 5m/sec or gusts exceeding 10m/sec. The detailed measurement data, graphical plot and field data sheet are shown in ***Appendix E, Appendix F*** and in ***Appendix G*** respectively. Each monitoring station background noise summary is listed in ***Table 4-5***.

Table 4-1 Noise Monitoring Results of N1 – Village House No. 308, Sha Ling

Date	Start Time	End Time	L10 Range Leq5min, dB(A)	L90 Range Leq5min, dB(A)	Leq30min, dB(A)	Façade Corrected Leq30min, dB(A)
25-Sep-19	10:16	10:46	43.5-46.5	36.7-37.8	43.3	46.3
	14:08	14:38	44.5-48.1	37.2-38.8	42.9	45.9
	17:30	18:00	41.9-49.6	34.3-35.9	42.3	45.3
26-Sep-19	10:38	11:08	43.0 -45.2	37.0-38.3	57.1	60.1
	14:01	14:31	43.8-57.6	37.2-38.9	59.0	62.0
	17:16	17:46	40.8-43.2	35.1-37.2	42.4	45.4
27-Sep-19	10:36	11:06	47.5-50.0	40.3-41.6	60.5	63.5
	13:03	13:33	42.4-48.7	38.1-40.1	57.1	60.1
	16:14	16:44	43.4-49.3	37.6-38.9	60.9	63.9
28-Sep-19	10:31	11:01	45.0-65.8	39.2-41.6	63.5	66.5
	13:16	13:46	45.2-47.0	37.3-39.3	59.6	62.6
	16:24	16:54	46.7-50.8	32.2-34.8	63.1	66.1
29-Sep-19#	10:43	11:13	45.2-66.1	36.4-41.3	62.4	65.4
	12:43	13:13	43.0-46.5	36.1-37.9	61.2	64.2
	15:50	16:20	45.1-48.5	38.0-40.2	59.3	62.3
30-Sep-19	10:15	10:45	44.0-50.4	38.1-40.9	62.9	65.9
	13:10	13:40	46.2-78.2	40.4-42.5	68.0	71.0*
	16:16	16:46	46.8-48.8	38.1-39.5	63.6	66.6
1-Oct-19#	10:38	11:08	46.3-48.6	36.6-41.6	62.3	65.3
	12:32	13:02	43.4-48.1	37.2-39.2	64.1	67.1
	15:37	16:07	43.5-45.1	36.1-37.2	53.2	56.2
2-Oct-19	10:47	11:17	44.8-47.4	39.2-40.7	59.4	62.4
	13:21	13:51	44.2-50.7	34.8-42.9	48.9	51.9
	16:31	17:01	45.4-47.3	36.9-41.5	63.6	66.6
3-Oct-19	10:37	11:07	45.3-48.1	39.5-42.8	65.1	68.1
	13:12	13:42	44.2-48.6	39.5-42.3	61.5	64.5
	16:19	16:49	44.3-47.4	36.6-39.4	61.5	64.5
4-Oct-19	10:28	10:58	44.1-46.5	39.1-41.1	47.0	50.0
	12:52	13:22	43.1-56.4	36.0-42.8	48.0	51.0
	16:03	16:33	44.0-47.6	39.0-40.5	62.0	65.0
5-Oct-19	10:45	11:15	50.5-54.5	36.7-40.8	52.6	55.6
	13:26	13:56	42.4-46.0	37.5-39.8	60.2	63.2
	16:33	17:03	46.5-49.9	39.2-41.5	50.6	53.6
6-Oct-19#	10:36	11:06	46.1-48.4	36.5-37.7	59.6	62.6
	12:31	13:01	43.3-45.2	37.1-38.6	61.0	64.0
	15:37	16:07	43.0-45.9	37.2-38.8	60.8	63.8
7-Oct-19#	10:19	10:49	46.0-58.5	39.5-45.5	51.2	54.2

Date	Start Time	End Time	L10 Range Leq5min, dB(A)	L90 Range Leq5min, dB(A)	Leq30min, dB(A)	Façade Corrected Leq30min, dB(A)
	15:41	16:11	40.0-66.0	35.0-37.0	55.0	58.0
	16:13	16:43	41.0-69.5	36.5-39.5	58.2	61.2
8-Oct-19	10:41	11:11	45.6-48.8	38.5-41.6	60.5	63.5
	13:23	13:53	44.8-50.0	40.2-42.4	51.3	54.3
	16:35	17:05	44.6-47.7	38.1-39.5	50.6	53.6

Note: Sound level meter set at monitoring stations is made free-field measurement, façade correction (+3dB(A)) has added according to acoustical principles and EPD guidelines
**High noise level recorded due to dog barking*
Grey cells with # - Monitoring events during restricted hours on Sunday or Public Holiday

Table 4-2 Noise Monitoring Results of N2a – Village House No. 318, Sha Ling

Date	Start Time	End Time	L10 Range Leq5min, dB(A)	L90 Range Leq5min, dB(A)	Leq30min, dB(A)	Distance & Façade Corrected Leq30min, dB(A)
25-Sep-19	10:58	11:28	45.1-83.3	39.5-42.2	70.6	74.6*
	14:48	15:18	43.3-44.9	37.1-38.3	59.1	63.1
	16:52	17:22	43.0-45.7	36.6-38.0	57.3	61.3
26-Sep-19	10:02	10:32	42.5-45.7	36.2-37.5	42.7	46.7
	14:37	15:07	40.7-50.1	34.4-35.9	51.9	55.9
	16:40	17:10	41.2-43.4	35.1-36.3	40.7	44.7
27-Sep-19	9:55	10:25	42.1-43.6	35.1-36.8	41.3	45.3
	13:43	14:13	47.0-55.5	35.5-40.8	51.5	55.5
	15:38	16:08	46.0-50.5	34.1-35.2	41.2	45.2
28-Sep-19	9:54	10:24	41.1-43.7	35.6-38.2	42.6	46.6
	13:52	14:22	41.2-44.2	35.4-37.9	41.9	45.9
	15:47	16:17	40.1-46.0	34.6-35.8	50.2	54.2
29-Sep-19#	10:04	10:34	48.0-59.2	40.2-42.4	50.1	54.1
	13:19	13:49	46.6-53.8	34.0-36.5	52.7	56.7
	15:14	15:44	42.8-43.9	35.4-36.5	49.5	53.5
30-Sep-19	9:39	10:09	41.9-45.8	35.4-37.2	41.9	45.9
	13:46	14:16	42.1-45.6	36.0-37.5	45.8	49.8
	15:40	16:10	46.2-48.7	35.0-36.7	47.5	51.5
1-Oct-19#	10:02	10:32	42.5-46.8	35.1-37.6	45.5	49.5
	13:07	13:37	46.6-49.9	34.1-36.9	45.9	49.9
	15:02	15:32	49.6-52.2	35.5-36.5	48.8	52.8
2-Oct-19	10:09	10:39	50.0-54.5	38.4-42.9	52.8	56.8
	14:00	14:30	62.6-63.1	61.8-62.8	63.3	67.3
	15:55	16:25	44.5-50.2	36.0-38.7	47.8	51.8
3-Oct-19	10:01	10:31	48.3-51.2	38.4-41.2	44.4	48.4
	13:50	14:20	46.3-55.5	35.5-37.6	51.7	55.7
	15:43	16:13	44.3-50.5	38.2-42.5	54.8	58.8
4-Oct-19	9:50	10:20	42.8-47.1	36.3-38.2	43.1	47.1
	13:20	13:50	42.2-45.3	36.1-37.3	41.2	45.2
	15:26	15:56	41.0-43.6	35.0-36.5	42.0	46.0
5-Oct-19	10:08	10:38	45.2-48.6	35.2-38.3	46.3	50.3
	14:02	14:32	41.0-43.5	35.3-36.6	42.1	46.1
	15:57	16:27	42.6-45.3	36.1-37.2	59.1	63.1
6-Oct-19#	9:59	10:29	46.8-50.5	40.3-42.4	45.4	49.4
	13:07	13:37	42.0-44.6	34.0-35.6	43.1	47.1
	15:32	16:02	42.2-44.3	34.6-36.4	42.3	46.3
7-Oct-19#	9:42	10:12	43.5-65.0	38.0-41.5	54.0	58.0
	14:30	15:00	43.5-65.5	38.5-41.5	54.0	58.0
	15:01	15:31	44.5-68.5	38.0-41.0	53.4	57.4
8-Oct-19	10:03	10:33	40.4-48.3	34.2-35.6	46.6	50.6
	14:04	14:34	42.5-46.0	36.0-38.7	43.1	47.1
	15:59	16:29	40.7-55.5	34.1-37.1	45.1	49.1

Note: Sound level meter set at monitoring stations is made free-field measurement, façade correction (+3dB(A)) has added according to acoustical principles and EPD guidelines
A distance correction of +1 dB(A) was applied for N2a
**High noise level recorded due to dog barking*
Grey cells with # - Monitoring events during restricted hours on Sunday or Public Holiday

Table 4-3 Noise Monitoring Results of N3a – Village House No. 261, Sha Ling

Date	Start Time	End Time	L10 Range Leq5min, dB(A)	L90 Range Leq5min, dB(A)	Leq30min, dB(A)	Distance & Façade Corrected Leq30min, dB(A)
25-Sep-19	9:32	10:02	39.0-64.0	33.7-35.8	65.2	71.2
	13:24	13:54	40.8-52.2	36.2-38.4	64.4	70.4
	18:13	18:43	46.7-61.2	32.7-34.8	66.5	72.5
26-Sep-19	11:20	11:50	49.4-52.8	38.1-39.5	59.7	65.7
	13:17	13:47	51.1-54.5	38.1-40.0	49.5	55.5
	17:57	18:26	43.5-60.5	32.8-35.2	65.2	71.2
27-Sep-19	11:19	11:49	53.0-59.2	37.3-41.3	64.6	70.6
	11:50	12:20	51.4-65.9	35.9-38.8	61.8	67.8
	16:57	17:27	46.4-55.8	32.8-34.9	62.6	68.6
28-Sep-19	11:12	11:42	50.5-54.4	37.0-38.2	61.2	67.2
	11:44	12:14	51.6-61.6	37.2-38.9	65.1	71.1
	17:07	17:37	40.8-43.6	32.1-35.1	41.8	47.8
29-Sep-19#	11:27	11:57	48.2-52.1	30.8-32.4	59.0	65.0
	11:59	12:29	44.5-51.9	29.1-31.3	62.1	68.1
	16:31	17:01	44.8-46.5	29.0-30.6	42.9	48.9
30-Sep-19	10:59	11:29	51.3-62.5	38.0-40.5	60.9	66.9
	11:31	12:01	51.5-69.9	38.0-39.6	65.6	71.6
	16:57	17:27	46.5-59.6	32.0-34.5	65.8	71.8
1-Oct-19#	11:19	11:49	48.6-51.2	30.6-34.8	57.9	63.9
	11:50	12:20	43.5-48.0	29.3-34.6	42.8	48.8
	16:18	16:48	45.0-50.0	29.6-31.3	63.5	69.5
2-Oct-19	11:30	12:00	47.9-52.8	34.0-37.8	47.5	53.5
	12:02	12:32	44.4-51.8	34.8-39.2	46.5	52.5
	17:12	17:42	46.5-49.5	32.3-34.6	60.1	66.1
3-Oct-19	11:21	11:51	44.2-53.2	37.1-40.0	58.7	64.7
	11:53	12:23	46.6-49.4	36.1-38.6	63.0	69.0
	17:01	17:31	44.7-51.5	32.2-34.3	46.4	52.4
4-Oct-19	11:11	11:41	53.0-80.9	32.6-75.2	76.8	82.8*
	11:41	12:11	52.0-80.6	43.4-75.3	75.4	81.4*
	16:44	17:14	46.4-60.8	32.0-34.0	66.6	72.6
5-Oct-19	11:27	11:57	47.2-52.2	34.2-36.6	62.6	68.6
	11:58	12:28	44.9-50.6	34.5-35.6	46.6	52.6
	17:14	17:44	49.2-62.4	31.1-34.5	62.1	68.1
6-Oct-19#	11:19	11:49	44.0-70.6	32.0-35.1	64.1	70.1
	11:50	12:20	44.3-52.1	30.5-32.3	57.6	63.6
	16:18	16:48	46.3-51.5	30.0-32.0	59.4	65.4
7-Oct-19#	11:10	11:40	43.0-66.5	40.0-42.5	56.6	62.6
	16:51	17:21	41.5-67.5	38.0-39.5	55.9	61.9
	17:24	17:54	42.0-63.5	37.0-38.5	51.9	57.9
8-Oct-19	11:22	11:52	45.8-52.2	36.0-37.9	64.7	70.7
	11:54	12:24	47.3-52.4	36.2-37.6	47.7	53.7
	17:18	17:48	51.2-61.4	35.9-37.7	72.4	78.4*

Note: Sound level meter set at monitoring stations is made free-field measurement, façade correction (+3dB(A)) has added according to acoustical principles and EPD guidelines
A distance correction of +3 dB(A) was applied for N3a
**High noise level recorded due to dog barking*
Grey cells with # - Monitoring events during restricted hours on Sunday or Public Holiday

Table 4-4 Noise Monitoring Results of N4 – Village House in Sha Ling as located the Project south-east direction

Date	Start Time	End Time	L10 Range Leq5min, dB(A)	L90 Range Leq5min, dB(A)	Leq30min, dB(A)	Façade Corrected Leq30min, dB(A)
25-Sep-19	11:46	12:16	49.0-86.8	32.9-36.7	73.4	76.4*
	15:32	16:02	51.6-55.8	38.2-38.7	66.1	69.1
	16:07	16:37	49.7-61.0	38.5-39.1	63.8	66.8
26-Sep-19	9:22	9:52	51.6-54.8	37.5-38.5	58.2	61.2
	15:18	15:48	43.9-56.6	32.6-34.4	54.9	57.9
	15:50	16:20	42.7-48.5	33.6-35.5	55.3	58.3
27-Sep-19	9:08	9:38	40.5-46.7	33.5-36.4	57.2	60.2
	14:25	14:55	39.1-43.3	32.6-36.6	40.7	43.7
	14:56	15:26	41.8-45.2	33.5-36.0	44.7	47.7
28-Sep-19	9:12	9:42	40.9-45.2	33.0-36.3	59.0	62.0
	14:33	15:03	41.0-42.5	33.4-34.5	42.1	45.1
	15:05	15:35	42.0-45.4	33.6-34.6	41.6	44.6
29-Sep-19#	9:17	9:47	36.6-57.9	31.1-31.1	57.8	60.8
	14:00	14:30	42.0-48.2	33.3-33.3	63.7	66.7
	14:31	15:01	34.2-45.2	33.2-33.2	57.9	60.9
30-Sep-19	9:09	9:39	42.0-44.2	33.5-33.5	41.9	44.9
	14:28	14:58	41.0-44.2	34.0-34.0	61.5	64.5
	14:59	15:29	43.3-46.3	33.5-33.5	58.5	61.5
1-Oct-19#	9:20	9:50	36.4-58.2	31.0-31.0	62.4	65.4
	13:49	14:19	41.0-46.5	32.6-32.6	65.8	68.8
	14:20	14:50	36.7-52.8	32.1-32.1	59.0	62.0
2-Oct-19	9:24	9:54	43.5-46.7	33.1-33.1	58.8	61.8
	14:42	15:12	41.4-50.5	34.0-34.0	63.3	66.3
	15:13	15:43	40.2-50.5	33.2-33.2	62.0	65.0
3-Oct-19	9:18	9:48	44.5-47.6	33.3-33.3	62.5	65.5
	14:31	15:01	43.2-52.9	32.0-32.0	59.4	62.4
	15:02	15:32	42.6-46.5	32.4-32.4	66.1	69.1
4-Oct-19	9:07	9:37	41.9-61.5	34.3-34.3	65.4	68.4
	14:12	14:42	41.7-57.1	34.5-34.5	62.0	65.0
	14:44	15:14	41.2-44.2	34.4-34.4	57.6	60.6
5-Oct-19	9:25	9:55	40.5-46.1	34.4-34.4	61.2	64.2
	14:43	15:13	49.0-54.3	37.0-37.0	68.0	71.0
	15:14	15:44	48.4-56.5	37.2-37.2	63.2	66.2
6-Oct-19#	9:15	9:45	40.3-47.0	33.5-33.5	62.6	65.6
	13:49	14:19	36.5-40.6	31.0-31.0	66.7	69.7
	14:21	14:51	36.0-38.1	32.2-32.2	60.6	63.6
7-Oct-19#	9:07	9:37	50.5-70.5	36.5-36.5	61.4	64.4
	13:13	13:43	41.0-64.5	37.0-37.0	52.8	55.8
	13:45	14:15	42.0-60.0	37.5-37.5	51.9	54.9
8-Oct-19	9:19	9:49	43.2-48.9	34.0-34.0	57.8	60.8
	14:46	15:16	43.6-47.8	33.4-33.4	57.1	60.1
	15:18	15:48	44.3-48.5	33.7-33.7	59.3	62.3

Note: Sound level meter set at monitoring stations is made free-field measurement, façade correction (+3dB(A)) has added according to acoustical principles and EPD guidelines
**High noise level recorded due to dog barking*
Grey cells with # - Monitoring events during restricted hours on Sunday or Public Holiday

4.1.3 Based on above tables, each monitoring station background noise summary is listed in ***Table 4-5***.

Table 4-5 Summaries of Noise Monitoring Results

Station ID	Time Period	Results, dB(A)		
		Mean	**Max**	**Min**
N1	Normal Daytime 0700-1900 – $L_{eq(30min)}$	63.5	71.0	45.3
	Restricted Hours 0700-1900 Sunday/holiday – $L_{eq(30min)}$	63.3	67.1	54.2
N2a	Normal Daytime 0700-1900 – $L_{eq(30min)}$	61.6	74.6	44.7
	Restricted Hours 0700-1900 Sunday/holiday – $L_{eq(30min)}$	54.4	58.0	46.3
N3a	Normal Daytime 0700-1900 – $L_{eq(30min)}$	73.0	82.8	47.8
	Restricted Hours 0700-1900 Sunday/holiday – $L_{eq(30min)}$	65.3	70.1	48.8
N4	Normal Daytime 0700-1900 – $L_{eq(30min)}$	66.2	76.4	43.7
	Restricted Hours 0700-1900 Sunday/holiday – $L_{eq(30min)}$	65.1	69.7	54.9

4.1.4 Although no construction activities under the project were observed during the baseline monitoring period but dog barking was encountered during the baseline monitoring since all the monitoring stations located nearby Village house in Sha Ling. Some extremely high noise level such as N1 on 30th September 2019 at 13:10, N2a on 25th September 2019 at 10:58, N3a on on 8th October 2019 at 17:18, and N4 on 25th September 2019 at 11:46 were recorded due to dog barking. In addition, two high noise measurement were recorded at N3a on 4th October 2019 at 11:11 & 11:41 due to unloading of goods by villagers.

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

5.1.1 The baseline noise monitoring was carried out during the period between ***25 September 2019*** and ***8 October 2019***. During the baseline monitoring period, no construction activities of this project or other external influencing factors of significant concern such as construction activities under the other Projects was observed by the ET. Moreover, no noise measurement was carried out in the presence of rain and fog.

5.1.2 As stipulated in the EM&A Manual, the construction noise action and limit level is follows:

Table 5-1 Action and Limit Levels of Construction Noise

Monitoring Location	Action Level	Limit Level
	Time Period: 0700-1900 hours on normal weekdays	
N1,N2a, N3a, N4	When one or more documented complaints are received	75 dB(A)

Note:
1 If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the NCA have to be followed.
2 70dB(A) for schools and 65dB(A) during school examination periods
3 The alternative monitoring location N2a and N3a are proposed for both baseline and impact monitoring

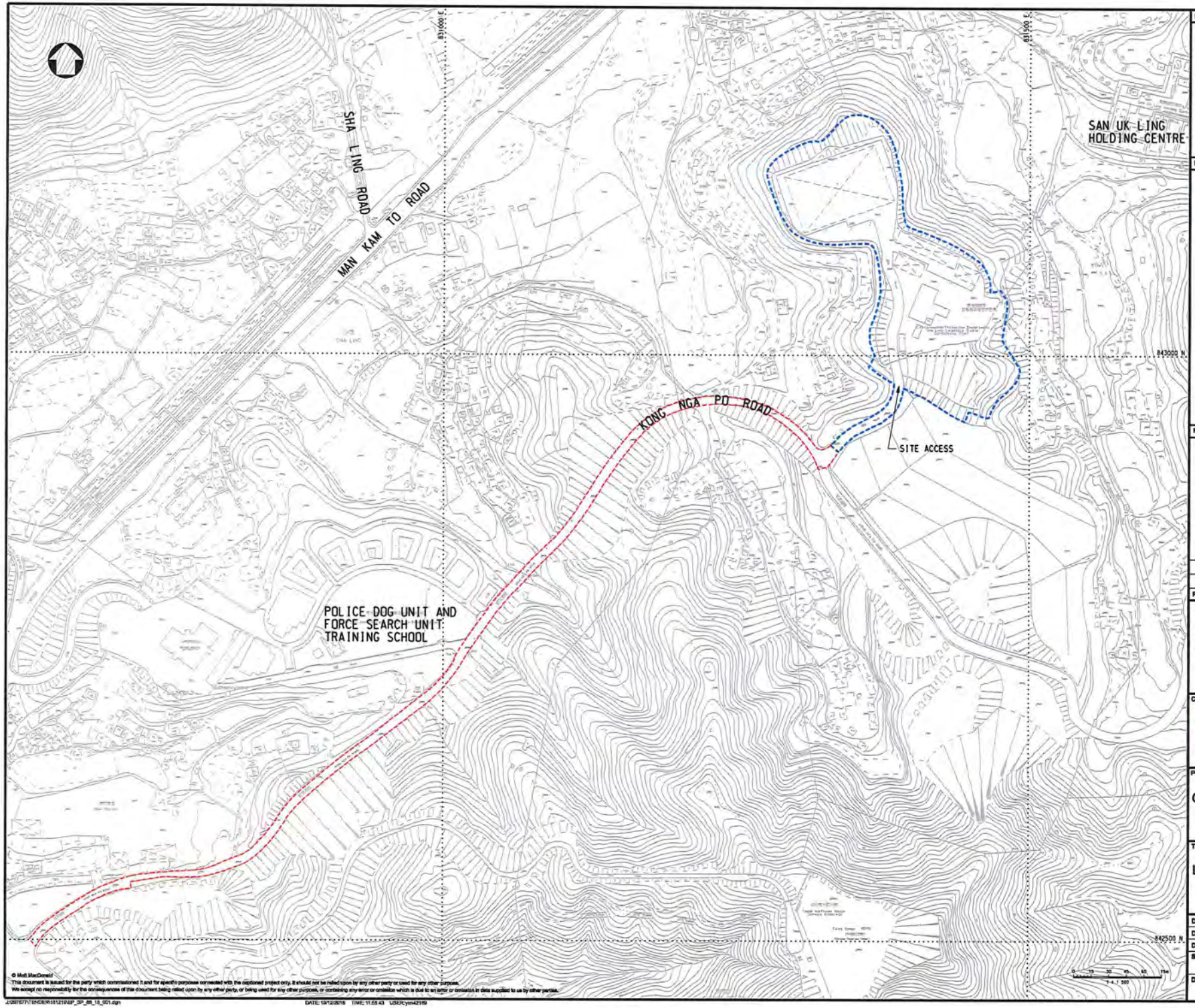
5.1.3 No revision is considered required to be included in the EM&A Manual.

5.2 RECOMMENDATIONS

5.2.1 If the changes in baseline conditions are evident, the environmental performance criteria should be re-established by agreement of the Engineer and IEC and submitted to EPD endorse.

Appendix A

Layout Plan of the Project



Notes

Key to symbols

PROPOSED SITE AREA

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd
01	DEC 16	MING	ISSUE FOR TENDER	NN	JFP
0	DEC 15	MING	ISSUE FOR TENDER	RL	JFP

MOTT MACDONALD

20/F AIA Kowloon Tower
Landmark East
100 How Ming Street
Kwun Tong, Kowloon
Hong Kong
T +852 2828 5757
F +852 2827 1823
W mottmac.com

Client

Environmental Protection Department
The Government of the Hong Kong Special Administrative Region

Project

ORGANIC WASTE TREATMENT FACILITIES PHASE 2

Title

LOCATION OF PROPOSED OWTF2 SITE

Designed	HY		Eng check	TC	
Drawn	MING		Coordination	TC	
Dwg check	PL		Approved	JFP	
Scale at A1 1:1500		Status TEN		Rev 01	

Drawing Number EP/SP/86/15/001

Appendix B

Noise Monitoring Locations

N1
N2
N2a
N3
N3a
N4
SAN UK LING HOLDING CENTRE
Environmental Protection Department Sha Ling Livestock Waste Composting Plant
831300 E
831500 E
843000 N

Notes

Key to symbols

- Construction Site Boundary
- EM&A Manual designate Noise Monitoring Station
- Alternative Noise Monitoring Station

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd
P2	JUL 13	MING	GENERAL REVISION	AM	AFK
P1	DEC 12	MING	FIRST ISSUE	SC	AFK

Mott MacDonald
20/F Two Landmark East
100 How Ming Street
Kwun Tong, Kowloon
Hong Kong
T +852 2828 5757
F +852 2827 1823
W www.mottmac.com.hk

Client

Environmental Protection Department
The Government of the Hong Kong Special Administrative Region

Project

AGREEMENT NO. CE34/2011(EP) DEVELOPMENT OF ORGANIC WASTE TREATMENT FACILITIES PHASE 2 - FEASIBILITY STUDY

Title

PROPOSED LOCATIONS OF CONSTRUCTION NOISE MONITORING STATIONS

Designed	SC		Eng check	AT	
Drawn	MING		Coordination	AT	
Dwg check	EY		Approved	AFK	
Scale at A1	1:750	Status	PRE	Rev	P2

Drawing Number

FIGURE 4.1

1 : 750 SCALE BAR

J:\297677\REPORTIENVIEMA\130729\Fig 4-1.dgn DATE: 29/07/2013 TIME: 18:41:24 USER: yim42169

Photos of Monitoring Locations

N1

N2a

N3a

N4

Appendix C

Valid Calibration Certificate of Monitoring Equipment

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C186448
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC18-0867) Date of Receipt / 收件日期 : 8 November 2018

Description / 儀器名稱	:	Sound Calibrator (EQ089)
Manufacturer / 製造商	:	Rion
Model No. / 型號	:	NC-75
Serial No. / 編號	:	34680623
Supplied By / 委託者	:	Action-United Environmental Services and Consulting Unit A, 20/F., Gold King Industrial Building, 35-41 Tai Lin Pai Road, Kwai Chung, N.T.

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 24 November 2018

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong, Technical Officer

Certified By 核證 : K C Lee, Engineer

Date of Issue 簽發日期 : 27 November 2018

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 — 校正及檢測實驗所
c/o 香港新界屯門興安里一號四樓
Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C186448
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C183775
CL281	Multifunction Acoustic Calibrator	CDK1806821
TST150A	Measuring Amplifier	C181288

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.0	± 0.25	± 0.2

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	1.000 0	1 kHz ± 0.1 %	± 0.1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 — 校正及檢測實驗所
c/o 香港新界屯門興安里一號四樓
Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C185605
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC18-0867) Date of Receipt / 收件日期 : 26 September 2018

Description / 儀器名稱 : Sound Level Meter (EQ011)
Manufacturer / 製造商 : Rion
Model No. / 型號 : NL-52
Serial No. / 編號 : 01121362
Supplied By / 委託者 : Action-United Environmental Services and Consulting
Unit A, 20/F., Gold King Industrial Building,
35-41 Tai Lin Pai Road, Kwai Chung, N.T.

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 14 October 2018

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試 : K C Lee
Engineer

Certified By 核證 : H C Chan
Engineer

Date of Issue 簽發日期 : 19 October 2018

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 — 校正及檢測實驗所
c/o 香港新界屯門興安里一號四樓
Tel/電話: (852) 2927 2606 Fax/傳真: (852) 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : C185605
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration was performed before the test.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C180024
CL281	Multifunction Acoustic Calibrator	CDK1806821

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	93.7	± 1.1

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L_A	A	Fast	94.00	1	93.7 (Ref.)
				104.00		103.7
				114.00		113.7

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L_A	A	Fast	94.00	1	93.7	Ref.
			Slow			93.7	± 0.3

Certificate of Calibration
校正證書

Certificate No. : C185605
證書編號

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_A	A	Fast	94.00	63 Hz	67.4	-26.2 ± 1.5
					125 Hz	77.5	-16.1 ± 1.5
					250 Hz	85.0	-8.6 ± 1.4
					500 Hz	90.5	-3.2 ± 1.4
					1 kHz	93.7	Ref.
					2 kHz	94.9	+1.2 ± 1.6
					4 kHz	94.7	+1.0 ± 1.6
					8 kHz	92.7	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.3	-4.3 (+3.0 ; -6.0)

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L_C	C	Fast	94.00	63 Hz	92.8	-0.8 ± 1.5
					125 Hz	93.5	-0.2 ± 1.5
					250 Hz	93.7	0.0 ± 1.4
					500 Hz	93.7	0.0 ± 1.4
					1 kHz	93.7	Ref.
					2 kHz	93.5	-0.2 ± 1.6
					4 kHz	92.9	-0.8 ± 1.6
					8 kHz	90.8	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.3	-6.2 (+3.0 ; -6.0)

Certificate of Calibration
校正證書

Certificate No. : C185605
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 12912

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	: 63 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
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輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C192956
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC19-1098) Date of Receipt / 收件日期 : 30 May 2019

Description / 儀器名稱 : Sound Calibrator (EQ082)
Manufacturer / 製造商 : Brüel & Kjær
Model No. / 型號 : 4231
Serial No. / 編號 : 2713428
Supplied By / 委託者 : Action-United Environmental Services and Consulting
Unit A, 20/F., Gold King Industrial Building,
35-41 Tai Lin Pai Road, Kwai Chung, N.T.

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 7 June 2019

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong, Technical Officer

Certified By 核證 : K C Lee, Engineer

Date of Issue 簽發日期 : 12 June 2019

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
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輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C192956
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C183775
CL281	Multifunction Acoustic Calibrator	CDK1806821
TST150A	Measuring Amplifier	C181288

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.0	± 0.2	± 0.2
114 dB, 1 kHz	114.1		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	1.000 0	1 kHz ± 0.1 %	± 0.1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

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輝創工程有限公司
Sun Creation Engineering Limited
Calibration & Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C193753
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC19-1098) Date of Receipt / 收件日期 : 5 July 2019

Description / 儀器名稱	:	Integrating Sound Level Meter (EQ006)
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	2238
Serial No. / 編號	:	2285762
Supplied By / 委託者	:	Action-United Environmental Services and Consulting Unit A, 20/F., Gold King Industrial Building, 35-41 Tai Lin Pai Road, Kwai Chung, N.T.

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C Relative Humidity / 相對濕度 : (50 ± 25)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 16 July 2019

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
The results do not exceed manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- The Bruel & Kjaer Calibration Laboratory, Denmark
- Agilent Technologies / Keysight Technologies
- Fluke Everett Service Center, USA

Tested By 測試 : Cheuk
K P Cheuk
Assistant Engineer

Certified By 核證 :
K C Lee
Engineer

Date of Issue 簽發日期 : 22 July 2019

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
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Certificate of Calibration
校正證書

Certificate No. : C193753
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration using laboratory acoustic calibrator was performed before the test from 6.1.1.2 to 6.4.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C190176
CL281	Multifunction Acoustic Calibrator	CDK1806821

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L_{AFP}	A	F	94.00	1	94.4

6.1.1.2 After Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L_{AFP}	A	F	94.00	1	94.1	± 0.7

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L_{AFP}	A	F	94.00	1	94.1 (Ref.)
				104.00		104.1
				114.00		114.0

IEC 60651 Type 1 Spec. : ± 0.4 dB per 10 dB step and ± 0.7 dB for overall different.

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Certificate of Calibration
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6.2 Time Weighting

6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L_{AFP}	A	F	94.00	1	94.1	Ref.
	L_{ASP}		S			94.1	± 0.1
	L_{AIP}		I			94.2	± 0.1

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration		
30 - 110	L_{AFP}	A	F	106.0	Continuous	106.0	Ref.
	L_{AFMax}				200 ms	104.9	-1.0 ± 1.0
	L_{ASP}		S		Continuous	106.0	Ref.
	L_{ASMax}				500 ms	102.0	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{AFP}	A	F	94.00	31.5 Hz	55.2	-39.4 ± 1.5
					63 Hz	68.1	-26.2 ± 1.5
					125 Hz	78.0	-16.1 ± 1.0
					250 Hz	85.4	-8.6 ± 1.0
					500 Hz	90.8	-3.2 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	95.3	+1.2 ± 1.0
					4 kHz	95.1	+1.0 ± 1.0
					8 kHz	93.0	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.9	-4.3 (+3.0 ; -6.0)

Certificate of Calibration
校正證書

Certificate No. : C193753
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{CFP}	C	F	94.00	31.5 Hz	91.5	-3.0 ± 1.5
					63 Hz	93.4	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.0
					250 Hz	94.1	0.0 ± 1.0
					500 Hz	94.1	0.0 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	93.9	-0.2 ± 1.0
					4 kHz	93.3	-0.8 ± 1.0
					8 kHz	91.1	-3.0 (+1.5 ; -3.0)
					12.5 kHz	88.0	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
30 - 110	L_{Aeq}	A	10 sec.	4	1	1/10	110.0	100	100.0	± 0.5
						$1/10^2$		90	90.0	± 0.5
			60 sec.			$1/10^3$		80	79.2	± 1.0
			5 min.			$1/10^4$		70	69.2	± 1.0

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2658547

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :

94 dB	: 31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB : 1 kHz		: ± 0.10 dB (Ref. 94 dB)
114 dB : 1 kHz		: ± 0.10 dB (Ref. 94 dB)
Burst equivalent level		: ± 0.2 dB (Ref. 110 dB continuous sound level)

- The uncertainties are for a confidence probability of not less than 95 %.

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Appendix D

Baseline Monitoring Schedule

Baseline Noise Monitoring Schedule

Date		Noise Monitoring (0700 – 1900)
Wed	25-Sep-19	✓
Thu	26-Sep-19	✓
Fri	27-Sep-19	✓
Sat	28-Sep-19	✓
Sun	29-Sep-19	✓
Mon	30-Sep-19	✓
Tue	1-Oct-19	✓
Wed	2-Oct-19	✓
Thu	3-Oct-19	✓
Fri	4-Oct-19	✓
Sat	5-Oct-19	✓
Sun	6-Oct-19	✓
Mon	7-Oct-19	✓
Tue	8-Oct-19	✓

✓	Monitoring Day
	Sunday or Public Holiday

Noise Monitoring Location

Monitoring Station	Location
N1	Village House No. 308, Sha Ling
N2a	Village House No. 318, Sha Ling
N3a	Village House No. 261, Sha Ling
N4	Village House in Sha Ling as located the Project south-east direction

Appendix E

Construction Noise Monitoring Results Data

Baseline Noise Monitoring results

N1 - Village House No.308, Sha Ling

Date	Start Time	End Time	1st Leq (5min)			2nd Leq (5min)			3rd Leq (5min)			4th Leq (5min)			5th Leq (5min)			6th Leq (5min)			Leq30min, dB(A)	Façade Corrected Leq30min
			Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)		
25-Sep-19	10:16	10:46	46.1	46.5	37.5	42.2	43.5	37.6	44.1	46.3	36.7	42.0	44.0	37.8	41.6	44.1	37.1	41.9	43.5	36.9	43.3	46.3
	14:08	14:38	44.8	48.1	38.0	42.6	45.1	38.2	41.9	44.6	38.0	41.8	44.5	37.2	42.5	45.5	38.5	42.8	45.4	38.8	42.9	45.9
	17:30	18:00	39.1	41.9	34.4	41.8	44.1	34.4	44.0	49.6	35.4	42.8	44.0	35.9	43.1	45.1	35.4	41.5	43.7	34.3	42.3	45.3
26-Sep-19	10:38	11:08	64.8	45.2	37.2	41.2	43.0	37.5	43.3	44.3	38.3	42.2	43.5	38.2	42.5	43.6	37.1	42.2	43.8	37.0	57.1	60.1
	14:01	14:31	66.0	48.3	38.9	41.3	43.8	37.4	49.3	44.3	38.2	58.2	57.6	37.4	45.9	46.5	37.2	43.4	45.8	38.2	59.0	62.0
	17:16	17:46	41.8	42.1	36.2	40.5	41.0	35.3	44.2	43.2	37.2	42.2	41.1	35.1	43.2	42.1	36.5	41.6	40.8	35.4	42.4	45.4
27-Sep-19	10:36	11:06	68.1	48.4	40.3	46.0	48.2	40.8	46.8	50.0	41.4	45.5	47.5	41.6	46.4	48.9	40.5	46.1	48.0	40.7	60.5	63.5
	13:03	13:33	64.7	46.4	38.6	40.8	42.4	38.1	44.0	46.3	40.1	45.0	48.7	39.1	43.9	46.9	38.6	40.5	44.1	38.5	57.1	60.1
	16:14	16:44	68.6	49.3	38.4	42.1	43.4	37.6	45.5	43.5	38.5	45.7	46.6	37.6	43.7	45.2	38.9	42.3	44.1	37.9	60.9	63.9
28-Sep-19	10:31	11:01	71.2	65.8	41.6	44.0	46.9	39.2	44.0	45.4	40.9	45.2	46.5	40.8	43.3	45.5	39.9	42.4	45.0	39.9	63.5	66.5
	13:16	13:46	67.3	45.3	37.5	42.2	46.0	38.1	42.1	47.0	39.3	44.4	45.2	37.5	42.2	46.0	38.3	43.2	45.2	37.3	59.6	62.6
	16:24	16:54	70.8	50.8	34.8	46.2	48.7	34.1	42.3	46.7	32.9	45.3	48.9	33.9	46.2	49.9	33.7	41.1	47.9	32.2	63.1	66.1
29-Sep-19	10:43	11:13	69.3	46.0	37.3	49.8	47.8	36.4	62.0	66.1	41.3	45.5	47.3	40.1	47.5	46.4	38.1	45.7	45.2	37.0	62.4	65.4
	12:43	13:13	68.6	46.0	37.4	57.6	43.8	36.2	43.6	46.5	37.4	41.2	43.9	36.1	42.8	45.7	37.9	41.8	43.0	36.2	61.2	64.2
	15:50	16:20	66.9	45.1	38.0	42.9	46.5	38.2	46.2	47.3	39.0	47.5	48.5	40.2	45.6	46.6	39.3	43.3	45.9	38.4	59.3	62.3
30-Sep-19	10:15	10:45	70.6	50.4	40.4	44.6	46.0	39.9	44.2	45.2	40.9	44.3	45.7	39.2	43.6	44.2	38.5	42.5	44.0	38.1	62.9	65.9
	13:10	13:40	75.8	78.2	42.5	47.5	48.4	40.4	47.6	48.5	41.2	45.2	47.2	41.3	46.3	48.3	40.5	45.3	46.2	41.5	68.0	71.0
	16:16	16:46	71.3	46.8	38.1	42.5	46.9	38.1	46.2	48.8	39.2	47.2	48.7	39.3	46.5	47.4	39.5	45.5	47.1	38.2	63.6	66.6
1-Oct-19	10:38	11:08	69.8	46.3	37.2	50.1	47.2	36.6	56.4	48.6	41.6	45.5	47.5	40.5	46.0	48.6	40.0	46.2	47.8	41.2	62.3	65.3
	12:32	13:02	71.8	48.1	38.5	46.3	43.4	37.7	46.8	44.2	37.7	46.4	45.3	38.5	49.0	47.2	39.2	41.1	44.1	37.2	64.1	67.1
	15:37	16:07	60.6	45.1	37.2	40.3	43.7	36.1	43.4	44.2	37.0	43.4	43.5	36.1	43.8	43.6	36.2	44.0	44.3	36.5	53.2	56.2
2-Oct-19	10:47	11:17	67.1	47.4	40.4	43.7	45.5	40.7	43.5	45.9	39.2	42.5	44.8	39.6	43.8	45.7	40.1	43.2	45.1	40.0	59.4	62.4
	13:21	13:51	53.8	46.5	34.8	43.9	45.8	40.8	47.9	50.3	42.9	46.4	48.5	42.8	46.2	44.2	42.9	47.3	50.7	42.4	48.9	51.9
	16:31	17:01	71.3	47.3	41.5	49.2	46.5	39.4	45.0	45.4	37.4	43.5	45.9	36.9	46.2	46.7	38.7	45.6	46.1	38.2	63.6	66.6
3-Oct-19	10:37	11:07	72.8	48.1	42.8	43.2	45.8	40.5	46.4	46.9	41.3	45.4	45.5	39.5	47.7	46.0	40.0	45.4	45.3	41.1	65.1	68.1
	13:12	13:42	69.1	44.2	42.3	45.2	46.5	39.5	45.2	45.4	39.6	46.6	46.5	40.8	48.4	47.6	40.9	48.5	48.6	41.5	61.5	64.5
	16:19	16:49	67.6	47.4	39.4	63.2	46.6	38.2	44.6	44.5	36.8	55.5	45.2	37.6	46.6	44.3	36.6	50.6	45.2	37.9	61.5	64.5
4-Oct-19	10:28	10:58	53.0	45.4	40.3	42.3	44.6	39.1	44.0	46.1	41.1	44.0	46.5	40.3	43.8	45.7	40.3	41.1	44.1	39.6	47.0	50.0
	12:52	13:22	53.3	49.4	42.8	49.3	56.4	39.5	40.9	43.1	37.7	40.9	46.6	36.0	45.3	48.6	38.4	42.5	45.1	36.9	48.0	51.0
	16:03	16:33	69.7	47.6	40.2	43.5	45.1	40.5	47.3	46.2	40.5	41.6	44.0	39.0	43.6	45.2	39.2	45.7	45.0	39.6	62.0	65.0
5-Oct-19	10:45	11:15	58.5	54.5	39.5	50.6	52.7	36.7	48.4	50.5	37.7	49.5	51.7	40.8	47.7	50.7	37.4	46.7	50.8	39.6	52.6	55.6
	13:26	13:56	67.9	46.0	37.5	42.3	42.4	38.8	44.9	44.3	38.7	45.5	46.0	39.8	41.0	43.6	38.0	43.4	45.3	39.3	60.2	63.2
	16:33	17:03	57.1	49.5	40.6	45.0	46.5	39.3	47.0	49.9	41.5	45.3	48.9	40.4	42.5	47.5	39.2	46.6	48.0	40.2	50.6	53.6
6-Oct-19	10:36	11:06	67.3	48.4	37.5	47.3	47.8	36.8	43.4	46.8	36.7	45.5	47.9	37.7	42.5	46.2	36.5	44.0	46.1	37.3	59.6	62.6
	12:31	13:01	68.7	43.3	37.1	44.2	43.3	37.4	44.5	44.4	38.2	41.1	43.5	38.0	49.2	45.2	38.6	45.2	44.1	38.6	61.0	64.0
	15:37	16:07	68.5	45.9	38.8	40.2	43.9	38.8	40.5	43.9	38.8	42.5	44.6	37.9	43.8	44.5	37.2	41.8	43.0	37.7	60.8	63.8
7-Oct-19	10:19	10:49	55.5	58.5	39.5	49.6	48.0	40.0	53.5	49.5	45.5	46.4	47.5	45.0	46.5	48.0	44.5	45.4	46.0	44.0	51.2	54.2
	15:41	16:11	62.5	66.0	36.5	40.5	44.0	35.5	39.1	40.0	35.0	48.7	48.0	37.0	40.4	41.5	35.5	43.9	42.0	36.0	55.0	58.0
	16:13	16:43	65.9	69.5	37.5	40.0	41.0	39.5	40.8	43.5	38.0	41.8	43.0	37.5	40.1	41.5	36.5	43.0	45.5	38.0	58.2	61.2
8-Oct-19	10:41	11:11	68.2	48.6	41.6	43.5	46.2	40.2	43.0	45.6	38.5	45.6	46.6	40.6	46.6	48.8	40.8	46.4	47.3	41.0	60.5	63.5
	13:23	13:53	57.9	45.8	40.2	43.9	45.7	40.5	45.2	50.0	42.4	48.5	44.8	41.4	44.6	47.9	41.6	44.2	47.5	40.5	51.3	54.3
	16:35	17:05	57.5	47.7	39.1	43.4	46.0	38.8	43.7	46.1	39.1	45.8	44.6	39.5	43.5	47.3	38.1	42.5	46.7	38.5	50.6	53.6

Sunday or Public Holiday	

Baseline Noise Monitoring results

N2a - Village House No. 318, Sha Ling

Date	Start Time	End Time	1st Leq (5min)			2nd Leq (5min)			3rd Leq (5min)			4th Leq (5min)			5th Leq (5min)			6th Leq (5min)			Leq30min, dB(A)	Distance & Façade Corrected Leq30min
			Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)		
25-Sep-19	10:58	11:28	78.4	83.3	42.2	46.6	46.7	39.5	43.8	45.8	40.9	43.2	45.1	39.8	45.7	48.4	40.9	44.6	46.4	41.3	70.6	74.6
	14:48	15:18	66.8	43.8	37.2	41.4	43.8	37.1	41.4	43.3	37.5	41.8	43.8	38.3	41.9	43.9	37.9	42.0	44.9	38.0	59.1	63.1
	16:52	17:22	65.0	45.7	36.6	40.9	43.4	37.5	42.4	44.8	38.0	41.9	43.8	37.2	42.5	44.4	38.0	41.1	43.0	37.9	57.3	61.3
26-Sep-19	10:02	10:32	44.6	45.0	37.1	41.3	43.2	36.7	43.5	45.7	37.2	41.4	43.7	36.3	41.6	42.5	36.2	42.8	44.4	37.5	42.7	46.7
	14:37	15:07	59.2	43.5	35.3	38.1	40.7	34.4	43.9	50.1	35.4	44.3	49.6	35.2	42.8	47.2	34.8	43.2	48.3	35.9	51.9	55.9
	16:40	17:10	39.7	42.0	36.3	40.3	42.5	36.1	39.0	41.4	35.1	42.6	43.4	36.2	41.7	42.8	35.8	40.0	41.2	35.9	40.7	44.7
27-Sep-19	9:55	10:25	41.0	43.6	36.8	39.8	42.8	35.1	40.8	43.5	36.4	43.1	43.5	36.7	41.8	43.5	36.8	40.5	42.1	35.3	41.3	45.3
	13:43	14:13	53.8	55.5	40.8	53.7	55.5	35.5	50.3	47.0	36.2	47.1	47.7	37.4	51.2	50.2	37.1	49.2	48.2	36.1	51.5	55.5
	15:38	16:08	40.2	48.6	35.0	38.3	46.0	34.3	42.4	49.4	35.2	43.4	50.5	35.0	41.0	48.6	34.2	40.2	47.9	34.1	41.2	45.2
28-Sep-19	9:54	10:24	41.9	42.3	36.0	42.2	42.1	36.5	41.9	41.1	35.6	43.4	43.5	36.2	43.0	43.4	37.0	43.0	43.7	38.2	42.6	46.6
	13:52	14:22	41.8	42.0	36.6	40.5	41.2	35.4	43.5	43.0	36.5	42.3	44.0	36.8	41.5	44.2	37.9	41.1	43.5	36.9	41.9	45.9
	15:47	16:17	57.2	46.0	35.2	39.5	40.1	34.6	44.2	43.2	35.8	45.1	43.0	34.8	40.4	43.2	35.6	43.0	44.4	35.4	50.2	54.2
29-Sep-19	10:04	10:34	47.7	49.8	40.2	46.5	50.2	41.2	46.3	48.0	41.8	55.0	59.2	42.4	49.8	53.3	41.9	47.2	49.1	41.9	50.1	54.1
	13:19	13:49	52.2	51.7	36.1	43.4	46.6	36.5	49.2	53.8	34.2	58.1	51.9	36.1	51.7	50.4	35.1	47.0	48.5	34.0	52.7	56.7
	15:14	15:44	43.2	43.5	36.1	41.5	42.8	35.5	42.7	43.9	36.1	41.2	42.8	35.4	47.2	43.8	36.5	56.2	43.1	36.5	49.5	53.5
30-Sep-19	9:39	10:09	39.8	42.1	36.2	42.3	43.7	37.0	40.5	42.5	36.3	44.6	45.8	36.3	39.4	41.9	35.4	42.2	44.2	37.2	41.9	45.9
	13:46	14:16	41.5	42.1	36.3	42.6	42.5	36.0	50.5	45.6	36.3	47.3	44.9	37.5	42.0	43.5	36.1	42.2	43.1	36.1	45.8	49.8
	15:40	16:10	49.2	48.7	36.3	48.2	47.7	35.0	47.7	47.2	35.6	44.5	46.2	35.6	46.2	47.0	36.3	48.0	48.6	36.7	47.5	51.5
1-Oct-19	10:02	10:32	39.6	42.5	35.1	40.4	43.7	36.6	49.5	46.5	36.5	47.8	46.8	37.6	42.7	44.9	36.4	43.7	43.9	35.3	45.5	49.5
	13:07	13:37	45.7	48.2	36.6	44.2	46.6	35.8	46.2	48.5	36.9	43.5	46.6	34.1	48.6	49.9	36.2	45.2	47.9	34.3	45.9	49.9
	15:02	15:32	46.5	50.6	35.5	52.2	52.2	36.5	42.5	49.6	35.6	48.1	50.6	36.5	48.2	51.5	36.0	50.0	52.2	36.0	48.8	52.8
2-Oct-19	10:09	10:39	59.2	54.5	38.8	48.9	50.2	41.7	46.7	50.7	38.4	48.5	50.0	42.8	47.5	50.3	41.9	48.4	50.7	42.9	52.8	56.8
	14:00	14:30	64.1	62.6	61.8	62.4	62.7	62.0	62.6	63.0	62.2	62.5	62.8	62.1	63.5	62.7	62.1	64.1	63.1	62.8	63.3	67.3
	15:55	16:25	49.8	50.1	38.2	47.5	50.1	38.7	48.9	50.2	38.2	47.8	44.5	37.5	45.7	48.2	36.5	45.9	48.3	36.0	47.8	51.8
3-Oct-19	10:01	10:31	43.6	48.3	38.4	41.3	48.3	39.3	43.8	49.0	38.4	46.7	51.2	40.2	45.8	51.1	41.2	43.4	51.2	41.0	44.4	48.4
	13:50	14:20	51.6	53.5	37.1	51.1	53.1	36.7	48.7	46.3	35.5	53.2	55.5	37.6	53.5	55.1	35.9	50.3	47.2	35.9	51.7	55.7
	15:43	16:13	61.7	44.3	41.1	49.1	48.2	41.7	45.7	48.3	38.2	48.7	48.2	40.5	48.2	49.2	41.5	47.6	50.5	42.5	54.8	58.8
4-Oct-19	9:50	10:20	42.4	42.8	36.5	45.1	47.1	38.0	41.2	43.3	36.6	42.6	44.7	37.0	44.5	46.3	38.2	41.5	44.8	36.3	43.1	47.1
	13:20	13:50	43.0	43.2	36.8	40.4	42.4	37.0	40.6	43.0	37.3	41.9	45.3	37.2	40.2	43.1	36.1	40.1	42.2	36.9	41.2	45.2
	15:26	15:56	42.7	43.6	36.2	40.5	41.1	35.5	43.3	43.2	36.5	40.6	41.0	35.0	42.6	42.2	35.2	41.7	41.0	35.6	42.0	46.0
5-Oct-19	10:08	10:38	44.6	46.0	35.5	48.2	48.6	36.1	43.1	45.2	35.2	46.3	47.5	38.3	43.1	46.3	36.3	49.0	48.1	38.0	46.3	50.3
	14:02	14:32	42.7	43.2	36.6	39.5	42.6	35.3	41.7	43.5	36.2	44.3	43.3	36.6	40.5	41.0	35.5	42.1	42.4	36.5	42.1	46.1
	15:57	16:27	66.8	45.3	36.2	43.2	44.6	37.2	40.5	42.6	37.1	43.8	44.4	37.2	41.6	42.7	36.1	42.6	43.5	36.1	59.1	63.1
6-Oct-19	9:59	10:29	48.7	50.5	42.4	45.2	49.6	41.3	43.4	48.6	40.3	41.3	46.8	40.5	43.3	48.1	40.7	46.3	49.0	42.2	45.4	49.4
	13:07	13:37	43.8	43.1	34.8	44.5	44.4	35.6	41.2	42.2	34.5	44.3	44.6	35.2	40.5	42.0	34.3	43.1	44.0	34.0	43.1	47.1
	15:32	16:02	43.7	43.4	36.4	42.7	43.8	36.2	41.4	42.5	35.5	43.7	44.3	35.0	40.5	42.2	34.6	40.2	42.3	34.6	42.3	46.3
7-Oct-19	9:42	10:12	61.3	65.0	40.5	48.4	51.5	38.0	42.4	43.5	41.0	43.5	46.5	41.0	43.5	44.5	41.5	43.3	45.5	40.5	54.0	58.0
	14:30	15:00	61.5	65.5	40.0	44.6	47.0	38.5	40.6	45.5	40.5	42.8	47.0	41.5	40.4	43.5	39.5	43.8	44.0	41.5	54.0	58.0
	15:01	15:31	60.4	68.5	39.0	49.3	50.5	38.0	43.2	45.2	38.0	43.9	46.0	39.5	42.9	44.5	41.0	47.9	49.0	40.0	53.4	57.4
8-Oct-19	10:03	10:33	38.7	40.4	34.9	40.2	42.5	34.2	45.3	44.4	35.6	48.1	46.7	35.4	50.2	48.3	35.2	47.2	46.1	34.3	46.6	50.6
	14:04	14:34	43.7	43.4	36.0	42.5	42.5	36.1	41.6	42.6	37.9	45.6	46.0	38.2	40.5	43.4	37.6	43.1	44.2	38.7	43.1	47.1
	15:59	16:29	50.9	55.5	37.1	41.7	43.9	36.1	38.5	40.7	34.2	43.3	46.1	34.8	40.6	43.6	34.8	42.2	45.3	34.1	45.1	49.1

Sunday or Public Holiday	

Baseline Noise Monitoring results

N3a - Village House No.261, Sha Ling

Date	Start Time	End Time	1st Leq (5min)			2nd Leq (5min)			3rd Leq (5min)			4th Leq (5min)			5th Leq (5min)			6th Leq (5min)			Leq30min, dB(A)	Distance & Façade Corrected Leq30min
			Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)		
25-Sep-19	9:32	10:02	48.7	44.2	33.7	40.5	43.6	35.4	38.8	39.0	33.8	44.0	44.3	34.4	52.2	47.8	35.8	72.9	64.0	35.1	65.2	71.2
	13:24	13:54	72.2	52.2	36.2	38.7	40.8	36.2	45.6	47.9	37.0	45.8	47.9	38.4	40.2	43.3	37.1	41.8	44.9	37.1	64.4	70.4
	18:13	18:43	74.3	61.2	34.1	47.5	48.5	34.8	42.6	46.7	32.7	45.9	47.3	34.0	43.5	47.3	33.0	44.6	47.6	33.2	66.5	72.5
26-Sep-19	11:20	11:50	67.2	52.5	39.5	46.5	49.4	38.1	47.6	50.6	38.1	44.8	51.9	38.4	51.8	52.8	39.2	45.8	50.7	38.3	59.7	65.7
	13:17	13:47	50.5	54.5	39.7	52.7	53.5	38.3	46.6	51.5	38.6	48.0	51.4	40.0	47.6	51.1	38.1	48.6	52.4	39.5	49.5	55.5
	17:57	18:26	72.9	60.5	34.5	48.2	47.6	34.6	43.3	45.3	32.8	40.1	43.5	34.9	42.1	44.5	34.0	45.2	48.3	35.2	65.2	71.2
27-Sep-19	11:19	11:49	72.2	59.2	41.3	50.2	53.0	40.4	50.7	53.8	37.3	52.1	53.9	38.4	50.5	53.1	38.2	52.4	54.7	38.2	64.6	70.6
	11:50	12:20	69.1	65.9	38.8	55.3	58.3	38.3	47.8	51.4	35.9	52.3	56.9	36.2	53.9	57.9	37.1	50.5	54.9	36.1	61.8	67.8
	16:57	17:27	70.3	55.8	34.7	47.3	48.8	34.9	42.1	46.4	32.8	44.5	47.5	33.1	46.4	48.0	33.5	50.5	50.0	34.2	62.6	68.6
28-Sep-19	11:12	11:42	68.9	54.4	37.8	41.2	50.5	37.9	45.5	53.6	37.0	48.4	53.9	38.0	47.4	51.9	38.2	47.2	51.2	38.2	61.2	67.2
	11:44	12:14	72.7	61.6	38.3	51.3	53.9	38.8	50.5	52.5	38.9	49.5	51.6	37.2	51.1	53.6	38.1	57.4	56.3	38.1	65.1	71.1
	17:07	17:37	39.2	42.3	34.1	40.5	42.6	33.2	42.6	41.5	32.1	40.5	43.6	34.1	43.7	42.8	35.1	42.7	40.8	34.9	41.8	47.8
29-Sep-19	11:27	11:57	66.6	51.4	30.8	44.4	48.2	32.4	48.4	52.1	31.0	43.5	48.2	31.2	45.8	50.5	31.3	44.1	49.7	31.2	59.0	65.0
	11:59	12:29	69.8	51.9	31.3	48.1	50.2	31.0	42.4	44.5	29.2	42.0	46.9	29.3	43.2	46.8	29.1	42.7	45.9	29.2	62.1	68.1
	16:31	17:01	46.5	46.5	30.5	40.1	44.8	29.7	40.5	45.0	29.2	42.2	46.5	30.5	41.3	45.1	29.0	43.2	46.1	30.6	42.9	48.9
30-Sep-19	10:59	11:29	68.3	62.5	39.0	51.5	53.3	38.0	47.4	51.6	39.1	49.5	51.3	40.5	54.2	55.5	38.2	46.2	52.3	38.7	60.9	66.9
	11:31	12:01	73.2	69.9	39.6	46.4	52.4	38.1	47.5	52.0	38.0	49.0	52.8	38.2	48.9	52.5	38.4	56.1	51.5	38.2	65.6	71.6
	16:57	17:27	73.6	59.6	34.0	45.2	48.2	33.3	40.1	46.5	32.0	43.4	47.9	33.5	46.6	49.9	34.5	45.2	48.5	33.0	65.8	71.8
1-Oct-19	11:19	11:49	65.5	49.5	30.6	43.6	48.6	31.4	47.2	49.5	31.5	46.3	48.9	31.9	41.3	50.9	34.8	45.1	51.2	33.9	57.9	63.9
	11:50	12:20	40.9	44.3	33.4	42.2	45.2	33.2	45.5	48.0	34.6	43.1	46.1	32.9	41.5	44.0	29.7	42.2	43.5	29.3	42.8	48.8
	16:18	16:48	71.2	50.0	31.1	44.1	49.2	30.5	45.1	46.5	30.5	37.5	46.0	31.3	42.0	45.0	29.6	44.6	45.9	29.9	63.5	69.5
2-Oct-19	11:30	12:00	46.9	47.9	34.0	50.7	52.8	37.7	45.4	49.4	35.1	48.0	51.5	37.8	46.5	49.2	36.2	44.7	48.2	35.7	47.5	53.5
	12:02	12:32	45.0	44.4	34.8	44.3	51.8	37.6	47.6	51.2	39.1	45.0	48.4	39.1	47.6	50.9	39.1	48.1	51.8	39.2	46.5	52.5
	17:12	17:42	67.7	49.5	34.6	48.2	48.1	33.2	43.3	46.5	32.6	45.0	47.4	33.0	47.1	48.8	33.0	44.0	46.5	32.3	60.1	66.1
3-Oct-19	11:21	11:51	66.2	53.2	40.6	49.4	51.8	38.3	45.5	48.8	37.1	47.5	50.2	38.2	46.6	44.2	37.3	49.2	51.5	38.0	58.7	64.7
	11:53	12:23	70.7	49.4	37.4	40.2	46.6	36.1	44.5	47.9	36.7	46.4	47.9	37.7	47.3	48.0	38.6	46.3	48.2	38.2	63.0	69.0
	17:01	17:31	45.2	44.7	32.6	46.1	50.2	33.1	45.2	49.2	32.6	47.4	51.0	33.8	45.2	50.0	32.2	48.3	51.5	34.3	46.4	52.4
4-Oct-19	11:11	11:41	50.6	53.0	32.6	72.3	78.3	61.2	78.6	80.2	75.2	78.7	80.9	73.8	77.3	80.0	73.1	78.5	80.2	74.5	76.8	82.8
	11:41	12:11	78.3	80.5	75.3	78.5	80.6	73.6	78.3	61.1	54.8	47.4	56.5	43.4	50.8	53.8	45.5	48.1	52.0	44.1	75.4	81.4
	16:44	17:14	74.4	60.8	34.0	46.2	49.2	33..5	41.2	46.4	32.2	44.1	47.6	33.6	45.3	48.5	33.6	43.3	47.3	32.0	66.6	72.6
5-Oct-19	11:27	11:57	70.3	52.2	36.6	40.5	47.2	36.5	43.2	49.5	34.6	44.1	50.5	35.9	43.2	50.4	34.2	45.4	51.2	35.4	62.6	68.6
	11:58	12:28	47.7	50.6	35.1	46.6	44.9	34.7	47.2	50.5	35.6	45.6	48.6	34.5	47.1	49.0	34.6	45.1	47.5	34.6	46.6	52.6
	17:14	17:44	69.8	62.4	34.5	43.6	49.5	32.9	45.5	50.4	33.8	41.6	49.7	31.2	47.3	51.2	33.4	42.3	49.2	31.1	62.1	68.1
6-Oct-19	11:19	11:49	71.8	70.6	35.1	42.6	44.0	32.0	46.5	50.6	33.4	44.2	49.6	33.0	40.2	48.7	32.6	45.5	49.7	33.3	64.1	70.1
	11:50	12:20	65.2	51.1	32.3	48.1	52.1	32.3	44.2	49.5	31.6	45.3	50.3	31.8	41.5	49.0	30.5	42.1	44.3	31.0	57.6	63.6
	16:18	16:48	67.1	51.5	32.0	45.3	48.5	31.8	44.1	47.0	30.4	44.9	47.5	30.0	42.0	46.7	30.6	42.5	46.3	30.5	59.4	65.4
7-Oct-19	11:10	11:40	63.8	66.5	41.5	46.9	44.0	40.0	53.8	49.5	41.0	42.5	43.0	42.0	44.1	45.0	42.5	43.8	44.5	42.0	56.6	62.6
	16:51	17:21	63.4	67.5	38.5	48.6	51.0	39.5	47.7	51.5	39.5	41.3	43.0	39.0	41.0	41.5	39.5	40.5	41.5	38.0	55.9	61.9
	17:24	17:54	59.3	63.5	37.5	40.4	42.0	38.5	41.7	43.0	37.0	42.7	44.5	38.0	44.3	45.2	37.5	40.3	42.0	38.5	51.9	57.9
8-Oct-19	11:22	11:52	72.4	52.2	37.9	39.6	45.8	36.0	44.4	47.2	36.4	46.7	47.5	37.5	47.5	48.4	37.4	44.2	46.4	36.7	64.7	70.7
	11:54	12:24	45.1	47.3	36.7	46.7	49.1	36.2	49.0	51.5	37.5	50.7	52.4	37.6	47.2	51.5	37.6	44.5	49.7	36.8	47.7	53.7
	17:18	17:48	80.2	61.4	37.2	50.1	54.3	37.2	48.7	51.2	35.9	44.0	52.9	37.7	50.7	54.4	36.3	49.0	52.4	36.5	72.4	78.4

Sunday or Public Holiday	

Baseline Noise Monitoring results

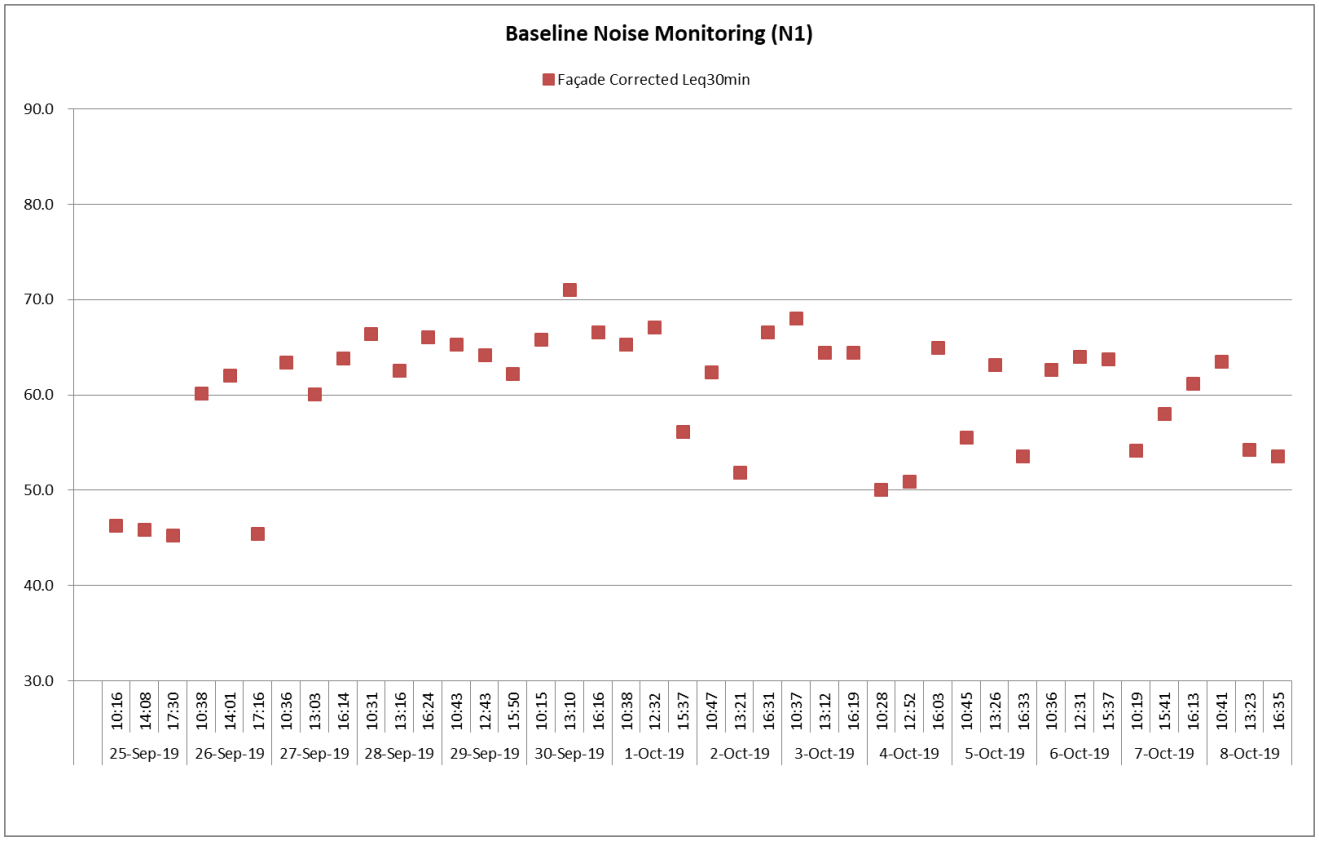
N4 - Village House in Sha Ling

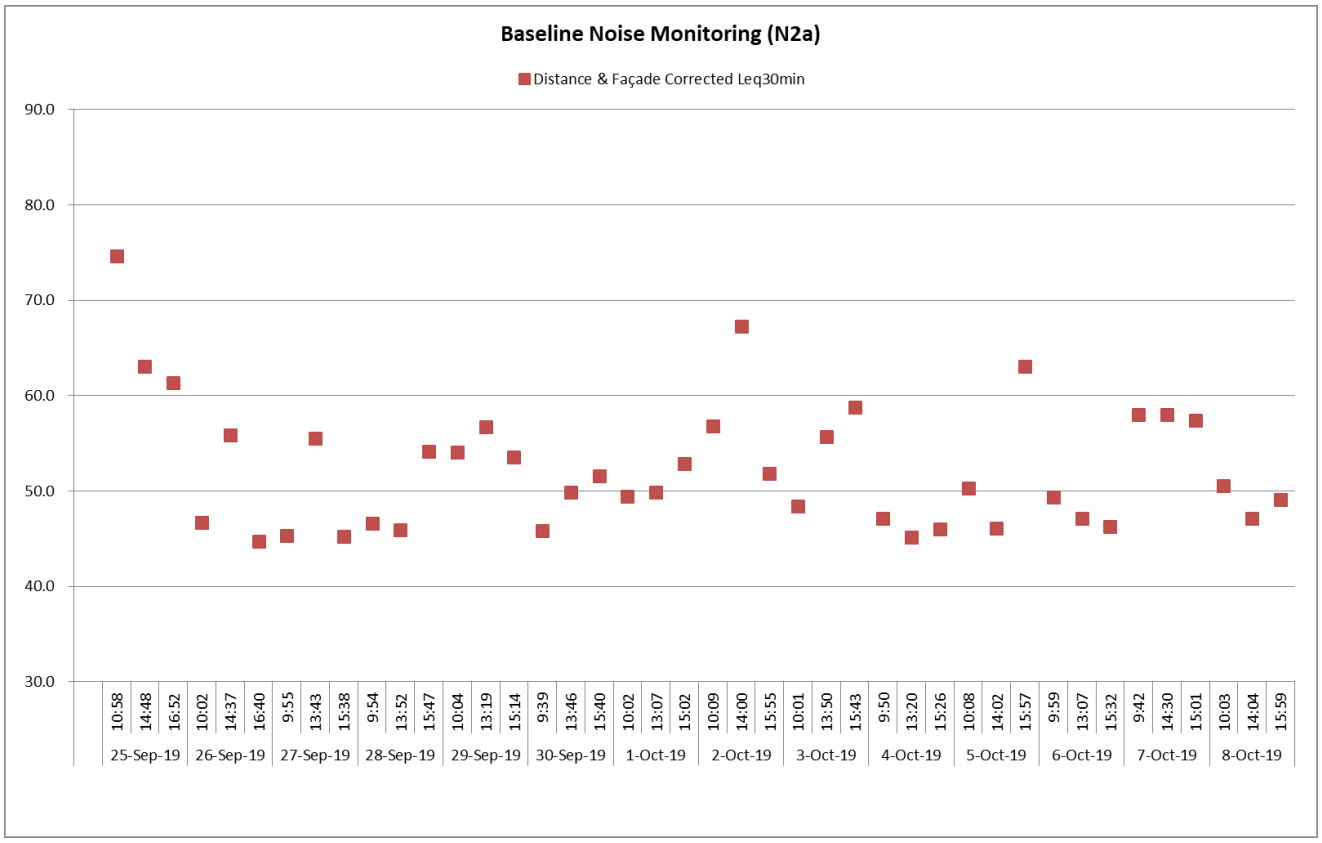
Date	Start Time	End Time	1st Leq (5min)			2nd Leq (5min)			3rd Leq (5min)			4th Leq (5min)			5th Leq (5min)			6th Leq (5min)			Leq30min, dB(A)	Façade Corrected Leq30min
			Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)	Leq, dB(A)	L10, dB(A)	L90, dB(A)		
25-Sep-19	11:46	12:16	81.2	86.8	36.7	45.4	49.0	33.8	46.7	50.8	33.7	45.9	50.7	32.9	47.7	51.0	33.8	54.1	51.4	33.9	73.4	76.4
	15:32	16:02	73.8	55.8	38.3	49.8	53.5	38.6	48.8	51.6	38.7	48.6	51.7	38.3	48.2	52.1	38.3	44.7	53.4	38.2	66.1	69.1
	16:07	16:37	71.1	61.0	39.1	50.1	53.4	38.7	59.9	49.7	38.5	52.6	54.9	38.6	50.8	51.6	38.9	53.2	55.3	38.8	63.8	66.8
26-Sep-19	9:22	9:52	65.7	54.8	38.2	48.2	53.9	37.5	47.2	52.9	37.6	47.5	52.5	38.5	46.5	51.6	37.5	47.2	52.8	38.4	58.2	61.2
	15:18	15:48	62.3	56.6	34.4	40.9	43.9	33.7	44.2	48.5	32.6	46.6	51.1	32.9	44.5	49.1	33.1	45.8	50.2	33.7	54.9	57.9
	15:50	16:20	62.9	48.0	35.5	44.2	48.5	34.4	41.4	44.2	33.7	39.8	42.7	34.3	40.2	43.9	33.6	41.5	44.8	33.9	55.3	58.3
27-Sep-19	9:08	9:38	64.9	46.7	36.4	38.7	40.5	34.6	39.4	41.3	33.5	40.5	42.9	36.1	39.5	41.9	34.9	40.1	42.8	34.1	57.2	60.2
	14:25	14:55	41.2	43.3	36.6	39.9	42.9	34.8	39.8	41.6	33.9	42.8	39.5	32.8	40.6	40.8	33.5	39.1	39.1	32.6	40.7	43.7
	14:56	15:26	43.9	41.9	33.5	40.7	43.5	35.3	46.5	42.9	36.0	41.6	45.2	34.5	43.5	42.9	35.4	47.8	41.8	34.9	44.7	47.7
28-Sep-19	9:12	9:42	66.7	45.2	36.3	40.5	40.9	34.6	41.3	41.2	33.2	45.2	41.1	33.0	42.1	43.1	35.2	44.4	42.1	36.3	59.0	62.0
	14:33	15:03	41.4	42.3	34.3	41.7	41.0	33.9	42.7	41.2	33.4	43.0	41.7	33.4	40.2	42.5	34.4	42.7	42.3	34.5	42.1	45.1
	15:05	15:35	43.6	45.2	34.6	40.2	44.2	33.6	38.5	42.0	34.2	39.6	43.2	33.7	43.8	45.4	34.0	41.0	44.9	34.1	41.6	44.6
29-Sep-19	9:17	9:47	43.1	37.7	31.8	34.4	36.6	31.3	54.1	57.9	33.1	64.9	53.6	33.1	53.9	47.6	32.4	45.2	41.8	31.1	57.8	60.8
	14:00	14:30	71.4	48.2	34.0	47.2	43.8	33.3	40.0	42.1	34.5	52.6	42.2	34.0	46.9	42.6	34.1	43.2	42.0	34.4	63.7	66.7
	14:31	15:01	65.4	45.2	34.0	52.6	44.2	34.3	36.9	38.8	33.6	39.5	42.2	34.8	37.8	40.9	33.2	39.8	34.2	34.0	57.9	60.9
30-Sep-19	9:09	9:39	45.2	43.0	34.2	38.5	42.4	33.6	42.1	42.3	34.3	42.1	44.2	33.6	38.5	42.0	33.5	41.3	42.3	34.5	41.9	44.9
	14:28	14:58	69.3	44.2	36.0	41.3	42.4	35.6	38.2	41.0	34.0	38.1	42.2	35.2	39.2	43.4	35.1	41.4	43.8	36.2	61.5	64.5
	14:59	15:29	66.2	46.3	36.2	42.5	44.1	34.1	40.8	43.3	33.5	44.2	45.5	35.8	42.0	43.5	33.8	43.3	44.2	34.8	58.5	61.5
1-Oct-19	9:20	9:50	70.2	58.2	35.2	45.1	37.8	32.5	36.2	36.4	31.0	40.5	38.6	33.2	42.5	39.2	34.1	38.4	40.1	35.2	62.4	65.4
	13:49	14:19	73.5	46.5	34.0	50.3	42.0	34.2	50.1	43.2	34.5	47.2	42.3	33.0	40.2	41.0	32.6	45.0	42.2	33.2	65.8	68.8
	14:20	14:50	66.7	52.8	33.1	42.0	37.9	32.8	35.2	36.7	32.8	40.7	37.8	33.7	42.3	38.9	34.5	38.1	37.5	32.1	59.0	62.0
2-Oct-19	9:24	9:54	66.5	43.8	34.5	40.8	43.5	34.7	43.0	46.3	34.1	46.9	46.7	33.9	41.6	43.8	33.1	43.5	45.7	33.3	58.8	61.8
	14:42	15:12	64.3	44.7	35.0	38.8	41.4	35.5	70.0	50.5	34.5	44.1	47.8	34.9	40.9	43.3	34.8	43.2	45.9	34.0	63.3	66.3
	15:13	15:43	69.7	50.5	36.1	39.5	40.2	34.5	40.2	41.5	33.6	45.2	43.8	35.3	43.3	42.8	34.6	41.2	41.7	33.2	62.0	65.0
3-Oct-19	9:18	9:48	70.1	47.6	35.9	43.3	45.5	33.3	46.5	46.9	34.9	48.5	45.5	34.8	41.4	44.5	33.9	53.2	45.1	35.4	62.5	65.5
	14:31	15:01	65.5	50.6	34.3	41.3	43.2	33.5	45.5	48.5	34.0	45.3	48.8	33.2	42.1	44.9	32.0	62.1	52.9	34.2	59.4	62.4
	15:02	15:32	73.9	46.5	35.0	47.2	43.6	33.2	42.1	42.6	34.3	38.0	42.9	33.0	41.2	43.8	32.4	41.3	44.8	32.5	66.1	69.1
4-Oct-19	9:07	9:37	67.8	52.2	37.2	42.5	45.2	35.5	71.7	61.5	37.8	42.6	41.9	34.8	46.2	48.2	36.2	43.3	45.1	34.3	65.4	68.4
	14:12	14:42	69.7	57.1	37.2	42.2	45.7	35.3	42.5	41.7	34.5	44.3	43.5	36.7	42.3	42.2	35.5	43.2	42.0	35.6	62.0	65.0
	14:44	15:14	65.2	44.2	36.3	40.2	42.0	34.4	45.0	43.0	35.1	41.3	41.2	35.5	46.5	43.0	35.1	42.1	42.2	34.4	57.6	60.6
5-Oct-19	9:25	9:55	69.0	46.1	36.2	38.8	40.5	35.6	39.0	41.2	34.4	39.2	41.5	35.5	39.3	41.6	35.8	41.2	42.4	36.8	61.2	64.2
	14:43	15:13	75.8	54.3	38.4	50.2	53.0	38.7	47.1	51.6	38.4	44.1	49.0	37.2	46.4	51.8	38.6	43.2	49.2	37.0	68.0	71.0
	15:14	15:44	70.9	56.5	39.0	48.5	51.5	37.8	50.6	53.7	38.0	49.5	51.7	38.4	45.5	48.4	37.2	47.5	50.9	37.6	63.2	66.2
6-Oct-19	9:15	9:45	70.4	47.0	34.8	41.1	42.6	34.5	38.2	40.3	33.9	39.1	40.5	33.8	40.5	41.7	33.5	43.2	42.5	34.5	62.6	65.6
	13:49	14:19	73.2	38.3	33.2	43.4	37.5	32.8	40.4	36.6	31.0	41.6	36.5	33.8	68.6	40.6	32.9	46.5	37.6	32.0	66.7	69.7
	14:21	14:51	68.3	38.1	32.5	43.5	37.4	33.9	38.3	36.0	32.8	42.5	37.6	33.7	42.5	37.0	33.5	36.4	36.3	32.2	60.6	63.6
7-Oct-19	9:07	9:37	68.9	70.5	36.5	45.8	50.5	38.0	46.3	51.5	38.5	52.2	56.0	43.0	48.5	53.0	41.5	50.7	55.0	42.5	61.4	64.4
	13:13	13:43	60.3	64.5	38.5	42.3	45.0	38.0	39.9	41.5	37.5	40.2	42.5	37.5	39.4	41.0	37.5	45.8	46.5	37.0	52.8	55.8
	13:45	14:15	58.3	60.0	41.5	52.6	55.5	39.0	42.8	43.5	37.5	41.2	42.0	38.0	44.7	47.5	38.5	42.2	44.5	38.5	51.9	54.9
8-Oct-19	9:19	9:49	65.4	48.9	36.1	38.5	43.6	34.0	44.2	44.9	35.6	40.2	43.6	34.5	42.3	43.2	34.0	48.1	45.1	34.5	57.8	60.8
	14:46	15:16	64.5	47.8	34.8	47.6	45.6	34.9	47.2	45.4	33.8	44.2	43.6	34.8	48.2	46.2	35.6	46.6	45.6	33.4	57.1	60.1
	15:18	15:48	66.6	48.2	34.7	51.2	44.3	34.4	50.4	44.4	33.8	47.3	46.0	33.7	49.5	47.3	34.9	50.1	48.5	34.2	59.3	62.3

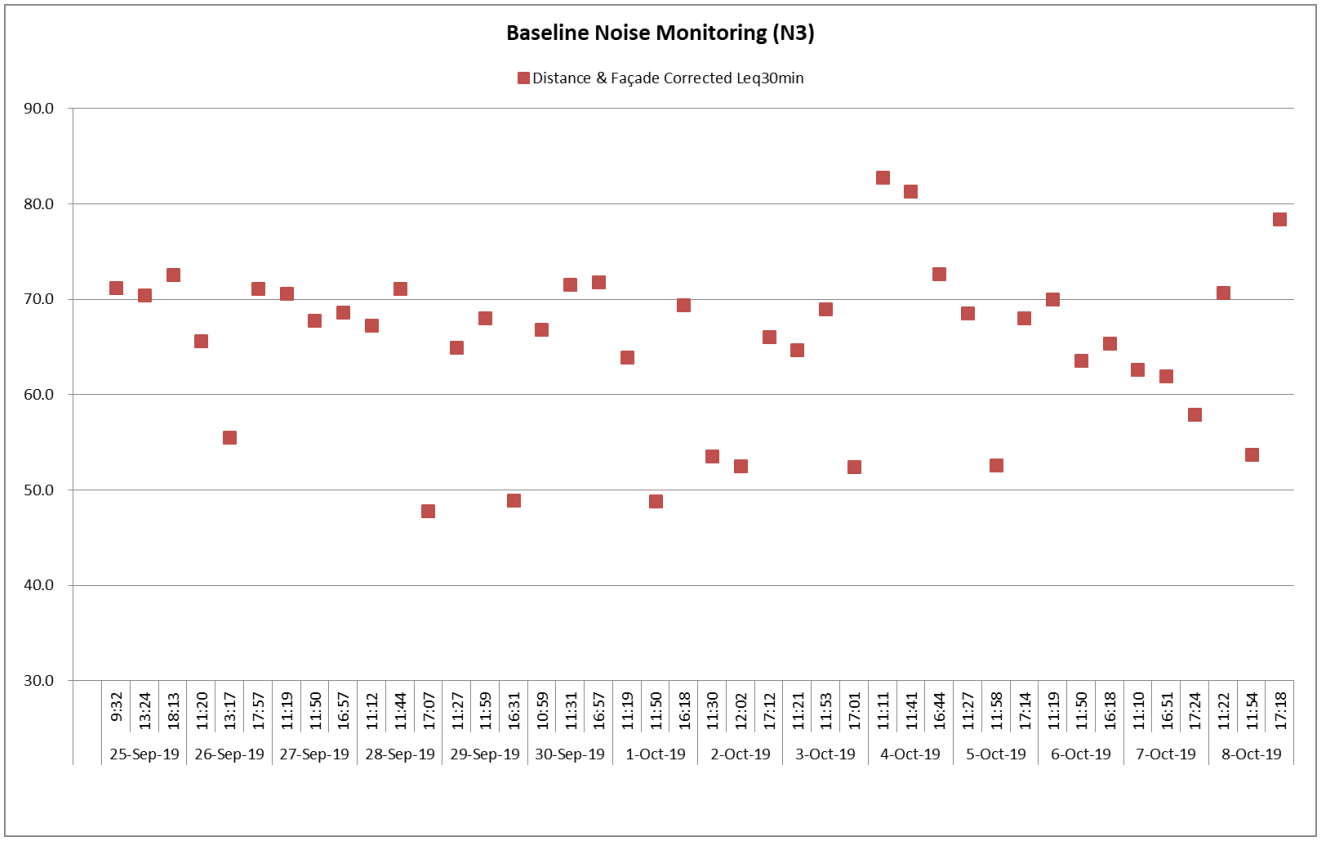
Sunday or Public Holiday	

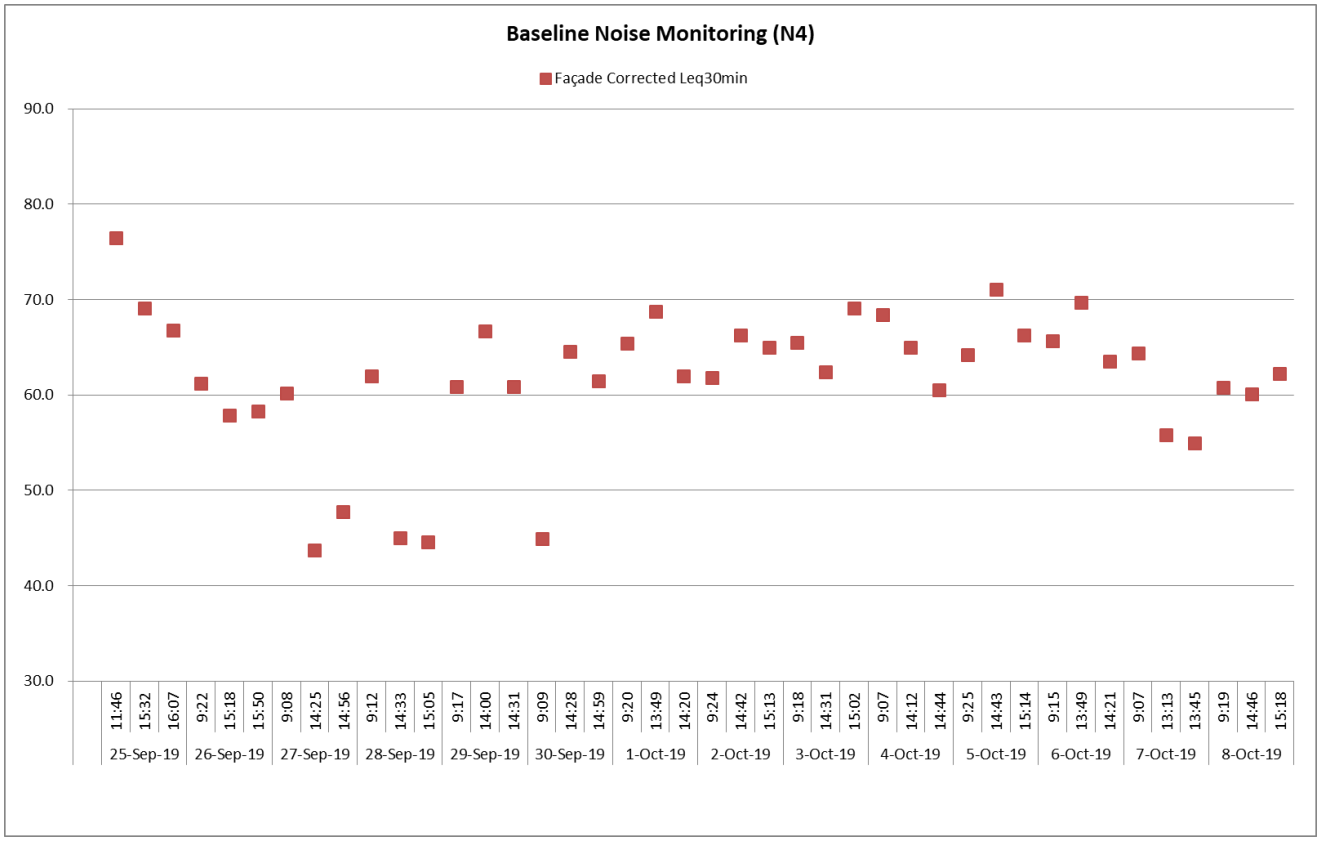
Appendix F

Graphical plot of the Baseline Noise Monitoring Result


Baseline Noise Monitoring (N1)
Façade Corrected Leq30min
90.0
80.0
70.0
60.0
50.0
40.0
30.0
10:16 14:08 17:30 10:38 14:01 17:16 10:36 13:03 16:14 10:31 13:16 16:24 10:43 12:43 15:50 10:15 13:10 16:16 10:38 12:32 15:37 10:47 13:21 16:31 10:37 13:12 16:19 10:28 12:52 16:03 10:45 13:26 16:33 10:36 12:31 15:37 10:19 15:41 16:13 10:41 13:23 16:35
25-Sep-19 26-Sep-19 27-Sep-19 28-Sep-19 29-Sep-19 30-Sep-19 1-Oct-19 2-Oct-19 3-Oct-19 4-Oct-19 5-Oct-19 6-Oct-19 7-Oct-19 8-Oct-19


Baseline Noise Monitoring (N2a)
Distance & Façade Corrected Leq30min
90.0
80.0
70.0
60.0
50.0
40.0
30.0
10:58 14:48 16:52 10:02 14:37 16:40 9:55 13:43 15:38 9:54 13:52 15:47 10:04 13:19 15:14 9:39 13:46 15:40 10:02 13:07 15:02 10:09 14:00 15:55 10:01 13:50 15:43 9:50 13:20 15:26 10:08 14:02 15:57 9:59 13:07 15:32 9:42 14:30 15:01 10:03 14:04 15:59
25-Sep-19 26-Sep-19 27-Sep-19 28-Sep-19 29-Sep-19 30-Sep-19 1-Oct-19 2-Oct-19 3-Oct-19 4-Oct-19 5-Oct-19 6-Oct-19 7-Oct-19 8-Oct-19


Baseline Noise Monitoring (N3)
Distance & Façade Corrected Leq30min
90.0
80.0
70.0
60.0
50.0
40.0
30.0
9:32 13:24 18:13 11:20 13:17 17:57 11:19 11:50 16:57 11:12 11:44 17:07 11:27 11:59 16:31 10:59 11:31 16:57 11:19 11:50 16:18 11:30 12:02 17:12 11:21 11:53 17:01 11:11 11:41 16:44 11:27 11:58 17:14 11:19 11:50 16:18 11:10 16:51 17:24 11:22 11:54 17:18
25-Sep-19 26-Sep-19 27-Sep-19 28-Sep-19 29-Sep-19 30-Sep-19 1-Oct-19 2-Oct-19 3-Oct-19 4-Oct-19 5-Oct-19 6-Oct-19 7-Oct-19 8-Oct-19


Baseline Noise Monitoring (N4)
Façade Corrected Leq30min
90.0
80.0
70.0
60.0
50.0
40.0
30.0
11:46 15:32 16:07 9:22 15:18 15:50 9:08 14:25 14:56 9:12 14:33 15:05 9:17 14:00 14:31 9:09 14:28 14:59 9:20 13:49 14:20 9:24 14:42 15:13 9:18 14:31 15:02 9:07 14:12 14:44 9:25 14:43 15:14 9:15 13:49 14:21 9:07 13:13 13:45 9:19 14:46 15:18
25-Sep-19 26-Sep-19 27-Sep-19 28-Sep-19 29-Sep-19 30-Sep-19 1-Oct-19 2-Oct-19 3-Oct-19 4-Oct-19 5-Oct-19 6-Oct-19 7-Oct-19 8-Oct-19

Appendix G

Field Data Sheet

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N@1 WA

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 27.1

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:26

Stop Time	10:46

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	46.1	46.5	37.5	4	42.0	44.0	32.8
2	42.2	43.5	37.6	5	44.6	44.1	37.1
3	44.1	46.3	36.7	6	41.9	43.5	36.9

Overall Leq (30 min)	43.3 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WA1 (Name) WA1 Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	B&K 4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		KB

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:08	Stop Time	14:38

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	44.8	48.1	38.0	4	41.8	44.5	37.2
2	42.6	45.1	38.2	5	42.5	45.5	38.5
3	41.9	44.6	38.0	6	42.8	45.4	38.8

Overall Leq (30 min)	42.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WA1

(Name) WA1

Date: 25/9/2019

Checked By: (Signature) Fai

(Name) Fai Sd

Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 27.1

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	17:30	Stop Time	18:00

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	39.1	41.9	34.4	4	42.8	44.0	35.9
2	41.8	44.1	34.4	5	43.1	45.1	35.4
3	44.0	49.6	35.4	6	41.5	43.7	34.3

Overall Leq (30 min)	42.3 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

22.1

3. CALIBRATION

Calibrator Model	BIC4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:58	Stop Time	11:28

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	78.4	83.3	42.2	4	43.2	45.1	39.8
2	43.6	46.7	39.5	5	45.7	48.4	40.9
3	43.8	45.8	40.9	6	44.6	46.4	41.3

Overall Leq (30 min)	70.6 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 25/9/2019

Checked By: (Signature) Sai

(Name) Fai So

Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Construction Activities		✓							
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗						
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:48	Stop Time	15:18

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	56.8	43.8	32.2	4	41.8	43.8	38.3
2	41.4	43.8	37.1	5	41.9	43.9	37.9
3	41.4	43.3	37.5	6	42.0	44.9	38.0

Overall Leq (30 min)	59.1 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ014

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗(2)
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:52

Stop Time	17:22

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.0	45.7	36.6	4	41.9	43.8	37.2
2	40.9	43.4	37.5	5	42.5	44.4	38.0
3	42.4	44.8	38.0	6	41.1	43.0	37.9

Overall Leq (30 min)	57.3 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 25/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 25-9-2019

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Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.4

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic	✓		小
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	狗

5. RESULTS

Start Time	9:32

Stop Time	10:02

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	48.7	44.2	33.7	4	49.0	44.3	34.4
2	40.5	43.6	35.4	5	52.2	47.8	35.8
3	38.8	39.0	33.8	6	72.9	64.0	35.1

Overall Leq (30 min)	65.2 dB(A)

Average Baseline Level	dB(A)

Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 25/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ 082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗吠	4	
2		5	
3		6	

5. RESULTS

Start Time	13:24

Stop Time	13:54

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.2	52.2	36.2	4	45.8	47.9	38.4
2	38.7	40.8	36.2	5	40.2	43.3	37.1
3	45.6	47.9	37.0	6	41.8	44.9	37.1

Overall Leq (30 min)	64.4 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WA1 (Name) WA1 Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	18:13	Stop Time	18:43

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	74.3	61.2	34.1	4	45.9	47.3	34.0
2	47.5	48.5	34.8	5	43.5	47.2	33.0
3	42.6	46.7	32.7	6	44.6	47.6	33.2

Overall Leq (30 min)	66.5 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WA1 (Name) WA1 Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 22.1

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗(2)	4	
2		5	
3		6	

5. RESULTS

Start Time	11:46	Stop Time	12:16

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	81.2	86.8	36.7	4	45.9	50.7	32.9
2	43.4	49.0	33.8	5	47.7	51.0	33.8
3	46.7	50.8	33.7	6	54.1	51.4	33.9

Overall Leq (30 min)	73.4 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 25/9/2019

Checked By: (Signature) Fai

(Name) Fai Si

Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.1

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15232	Stop Time	16202

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.8	52.8	38.3	4	48.6	51.7	38.3
2	49.8	53.5	38.6	5	49.2	52.1	38.3
3	48.8	51.6	38.7	6	49.7	53.4	38.2

Overall Leq (30 min)	66.1 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 25/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	25/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	✓
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 27.1

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K 4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟叫
Other Sources	✓		人声

Sample	Observation	Sample	Observation
1	鸟叫	4	
2		5	
3		6	

5. RESULTS

Start Time	16:07	Stop Time	16:37

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.1	61.0	39.1	4	52.6	54.9	38.6
2	50.1	53.4	38.7	5	50.8	51.6	38.9
3	59.9	49.7	38.5	6	53.2	55.3	38.8

Overall Leq (30 min)	63.8 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI Date: 25/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 25-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N1 [redacted]

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:38	Stop Time	11:08

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.8	45.2	37.2	4	42.2	43.5	38.2
2	41.2	43.0	37.5	5	42.5	43.6	37.1
3	43.3	44.3	38.3	6	42.2	43.8	37.0

Overall Leq (30 min)	57.1 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Construction Activities		✓							
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		鸟叫						
Other Sources	✓		人声						

Sample	Observation	Sample	Observation
1	鸟叫	4	
2		5	
3		6	

5. RESULTS

Start Time	14:01

Stop Time	14:31

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.0	48.3	38.9	4	58.2	57.6	37.4
2	41.3	43.8	37.4	5	45.9	46.5	37.2
3	49.3	44.3	38.2	6	43.4	45.8	38.2

Overall Leq (30 min)	59.0 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

086

Temperature (°C)

27.0

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ042	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	17:16	**Stop Time**	17:46

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.8	42.1	36.2	4	42.2	41.1	35.1
2	40.5	41.0	35.3	5	43.1	42.1	36.5
3	44.2	43.2	37.2	6	46.6	40.8	35.4

Overall Leq (30 min)	42.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH

(Name) WH

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	U2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:02	Stop Time	10:32

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	44.6	45.0	37.1	4	41.4	43.7	36.3
2	41.3	43.2	36.7	5	41.6	42.5	36.2
3	43.5	45.7	37.2	6	42.8	44.4	37.5

Overall Leq (30 min)	42.7 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai Su

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:37	Stop Time	15:07

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	59.2	43.5	35.3	4	44.3	49.6	35.2
2	38.1	40.7	34.4	5	42.8	47.2	34.8
3	43.9	50.1	35.4	6	43.2	48.3	35.9

Overall Leq (30 min)	51.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 080

Temperature (°C): 27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:40	Stop Time	17:10

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	39.7	42.0	36.3	4	42.6	43.4	36.2
2	40.3	42.5	36.1	5	41.7	42.8	35.8
3	39.0	41.4	35.1	6	40.0	41.2	35.9

Overall Leq (30 min)	40.7 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI Date: 26/9/2019

Checked By: (Signature) Fai (Name) Fai So Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	NBa

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:20

Stop Time	11:50

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.2	52.5	39.5	4	49.8	51.9	38.4
2	46.5	49.4	38.1	5	51.8	52.8	39.2
3	42.6	50.6	38.1	6	45.8	50.7	38.3

Overall Leq (30 min)	59.7 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟鸣
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:17	Stop Time	13:47

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	50.5	54.5	39.7	4	48.0	51.4	40.0
2	52.7	53.5	38.3	5	47.6	51.1	38.1
3	46.6	51.5	38.6	6	48.6	52.4	39.5

Overall Leq (30 min)	49.5 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction
[Direction from which wind originates] (degree)

680

Temperature (°C)

27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		(illegible)						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	(illegible)	4	
2		5	
3		6	

5. RESULTS

Start Time	17:57	**Stop Time**	18:26

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐
Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.9	60.5	34.5	4	46.1	43.5	34.9
2	48.2	47.6	34.6	5	42.1	44.5	34.0
3	43.5	43.5	32.8	6	45.2	48.3	35.2

Overall Leq (30 min)	65.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) (signature) (Name) (illegible)
Date: 26/9/2019

Checked By: (Signature) (signature) (Name) Fai So
Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N04

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:22

Stop Time	9:52

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.7	54.8	38.2	4	47.5	52.5	38.5
2	48.2	53.9	37.5	5	46.5	51.6	37.5
3	47.2	52.9	37.6	6	47.2	52.8	38.4

Overall Leq (30 min)	58.2 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WA1 (Name) WA1 Date: 26/9/2019

Checked By: (Signature) Fai So (Name) Fai So Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		~~Bird~~
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:18	Stop Time	15:48

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	62.3	56.6	34.4	4	46.6	51.1	32.9
2	60.9	42.9	33.7	5	44.5	49.1	33.1
3	44.2	48.5	32.6	6	45.8	50.2	33.7

Overall Leq (30 min)	54.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

(SF-04A)

1. GENERAL

Date	26/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree)

080

Temperature (°C)

27.0

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:50

Stop Time	16:20

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	62.9	48.0	35.5	4	39.8	42.7	34.3
2	44.2	48.5	34.4	5	40.2	43.9	33.6
3	41.4	44.2	33.7	6	41.5	44.8	33.9

Overall Leq (30 min)	55.3 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 26/9/2019

Checked By: (Signature) Fai

(Name) Fai Su

Date: 26-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ0011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:44	**Stop Time**	16:44

Readings (Fast Response) — **Averaging Period :** 5 minutes ✓ / 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ / Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.6	49.3	38.4	4	45.7	46.6	37.6
2	42.1	43.4	37.6	5	43.7	45.2	38.9
3	45.5	45.5	38.5	6	42.3	44.1	37.9

Overall Leq (30 min)	60.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI — (Name) WAI — **Date:** 27/9/2019

Checked By: (Signature) Fai — (Name) Fai So — **Date:** 27.9.2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

060

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		N/A
Other Sources		✓	

Sample	Observation	Sample	Observation
1	N/A	4	
2		5	
3		6	

5. RESULTS

Start Time	13:03

Stop Time	13:33

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.7	46.4	38.6	4	45.0	48.7	39.1
2	40.8	42.4	38.1	5	43.9	46.9	38.6
3	44.0	46.3	40.1	6	40.5	44.1	38.5

Overall Leq (30 min)	57.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAI **Date:** 27/9/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1052
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

60

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟
Other Sources	✓		人声

Sample	Observation	Sample	Observation
1	鸟	4	
2		5	
3		6	

5. RESULTS

Start Time	10:36	**Stop Time**	11:06

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.1	48.4	40.3	4	45.5	47.5	41.6
2	46.10	48.2	40.8	5	46.4	48.9	40.5
3	46.8	50.0	41.4	6	46.1	48.0	40.7

Overall Leq (30 min)	60.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 27/9/2019

Checked By: (Signature) Fai

(Name) Fai Sd

Date: 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:55	**Stop Time**	10:25

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.0	43.6	36.8	4	43.1	43.5	36.7
2	39.8	42.8	35.1	5	41.8	43.5	36.8
3	40.8	43.5	36.4	6	40.5	42.1	35.3

Overall Leq (30 min)	41.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI — (Name) WAI — **Date:** 27/9/2019

Checked By: (Signature) Fai — (Name) Fai So — **Date:** 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		N/A

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:43	**Stop Time**	14:13

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	53.8	55.5	40.8	4	47.1	47.7	32.4
2	53.7	55.5	35.5	5	51.2	50.2	37.1
3	50.3	47.0	36.2	6	49.2	48.2	36.1

Overall Leq (30 min)	51.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 27/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	M-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

0E0

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		K盘						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:38	**Stop Time**	16:08

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	40.2	48.6	35.0	4	43.4	50.5	35.0
2	38.3	46.0	34.3	5	44.0	48.6	34.2
3	42.4	49.4	35.2	6	40.2	47.9	34.1

Overall Leq (30 min)	41.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 27/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:19	**Stop Time**	11:49

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.2	59.2	46.3	4	52.1	53.9	38.4
2	50.2	53.0	40.4	5	50.5	53.1	38.2
3	50.7	53.8	37.3	6	52.4	54.7	38.2

Overall Leq (30 min)	64.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 27/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:50	**Stop Time**	12:20

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.1	65.9	38.8	4	52.3	56.9	36.2
2	55.3	58.3	38.3	5	53.9	57.9	37.1
3	47.8	51.4	35.9	6	50.5	54.9	36.1

Overall Leq (30 min)	61.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAH	**Checked By:**	(Signature)	Fai
	(Name)	WAH		(Name)	Fai So
Date:		27/9/2019	**Date:**		27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	E0011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

060

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	E0082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		牛蛙
Other Sources		✓	

Sample	Observation	Sample	Observation
1	牛蛙	4	
2		5	
3		6	

5. RESULTS

Start Time	16:57	**Stop Time**	17:27

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.3	55.8	34.7	4	44.5	47.5	33.1
2	47.3	48.8	34.9	5	46.4	48.0	33.5
3	42.1	46.4	32.8	6	50.5	50.0	34.2

Overall Leq (30 min)	62.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI — (Name) WAI — **Date:** 27/9/2019

Checked By: (Signature) — (Name) Fai So — **Date:** 27-9-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:08

Stop Time	9:38

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.9	46.7	36.4	4	40.5	42.9	36.1
2	38.7	40.5	34.6	5	39.5	41.9	34.9
3	39.4	41.3	33.5	6	40.1	42.8	34.1

Overall Leq (30 min)	57.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAI	**Checked By:**	(Signature)	Fai
	(Name)	WAI		(Name)	Fai Sd
Date:		27/9/2019	**Date:**		27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

28.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:25	**Stop Time**	14:55

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.2	43.3	36.6	4	42.8	39.5	32.8
2	39.9	42.9	34.8	5	40.6	40.8	33.5
3	39.8	41.6	33.9	6	39.1	39.1	32.6

Overall Leq (30 min)	40.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature) WAI	**Checked By:**	(Signature)
	(Name) WAI		(Name) Fai So
Date:	27/9/2019	**Date:**	27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	27/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

660

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:56	**Stop Time**	15:26

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐
Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.9	41.9	33.5	4	41.6	45.2	34.5
2	40.7	43.5	35.3	5	43.5	42.9	35.4
3	46.5	42.9	36.0	6	41.8	41.8	34.9

Overall Leq (30 min)	44.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI
(Name) WAI
Date: 27/9/2019

Checked By: (Signature) Fai
(Name) Fai So
Date: 27-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

060

Temperature (°C)

26.9

Note: * **Do not sample under these conditions***

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:31

Stop Time	11:01

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.2	75.8	41.6	4	45.2	46.5	40.8
2	44.0	46.9	39.2	5	43.3	45.5	39.9
3	44.0	45.4	40.9	6	42.4	45.0	39.9

Overall Leq (30 min)	63.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WH	**Checked By:**	(Signature)	Sai
	(Name)	WH		(Name)	Fai So
Date:		28/9/2019	**Date:**		28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:16

Stop Time	13:46

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.3	45.3	37.5	4	44.4	45.2	37.5
2	42.2	46.0	38.1	5	42.2	46.0	38.3
3	42.1	47.0	39.3	6	43.2	45.2	37.3

Overall Leq (30 min)	59.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 28/9/2019

Checked By: (Signature) Fai

(Name) Fai Su

Date: 28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:24	**Stop Time**	16:54

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.8	50.8	34.8	4	45.3	48.9	33.9
2	46.2	48.7	34.1	5	46.2	49.9	33.7
3	42.3	46.7	32.9	6	41.1	47.9	32.2

Overall Leq (30 min)	63.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 28/9/2019

Checked By: (Signature) Fai (Name) Fai, So **Date:** 28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

060

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:54	**Stop Time**	10:24

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.9	42.3	36.0	4	43.4	43.5	36.2
2	42.2	42.1	36.5	5	43.0	43.4	37.0
3	41.9	41.1	35.6	6	43.0	43.7	38.2

Overall Leq (30 min)	42.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAI	**Checked By:**	(Signature)	Fai
	(Name)	WAI		(Name)	Fai Sd
Date:		28/9/2019	**Date:**		28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:52	**Stop Time**	14:22

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.8	42.0	36.6	4	42.3	44.0	36.8
2	40.5	41.2	35.4	5	41.5	44.2	37.9
3	43.5	43.0	36.5	6	41.1	43.5	36.9

Overall Leq (30 min)	41.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)		**Checked By:**	(Signature)	
	(Name)			(Name)	
Date:		28/9/2019	**Date:**		28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	N-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟叫
Other Sources	✓		

Sample	Observation	Sample	Observation
1	鸟叫	4	
2		5	
3		6	

5. RESULTS

Start Time	15:47

Stop Time	16:17

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	57.2	46.0	35.2	4	45.91	43.0	34.8
2	39.5	40.1	34.6	5	40.4	43.2	35.6
3	44.2	43.2	35.8	6	43.0	44.3	35.4

Overall Leq (30 min)	50.2 dB(A)

Average Baseline Level	dB(A)

Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 28/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 28-9-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗吠
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗吠	4	
2		5	
3		6	

5. RESULTS

Start Time	11:12

Stop Time	11:42

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.9	54.4	37.8	4	48.4	53.9	38.0
2	41.2	50.5	37.9	5	47.4	51.9	38.2
3	45.5	53.6	37.0	6	47.2	51.2	38.2

Overall Leq (30 min)	61.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature) WAI	**Checked By:**	(Signature) Fai
	(Name) WAI		(Name) Fai So
Date:	28/9/2019	**Date:**	28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鸟	4	
2		5	
3		6	

5. RESULTS

Start Time	11:44

Stop Time	12:14

Readings (Fast Response)

Averaging Period : **5 minutes** ✓ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.7	61.6	38.3	4	49.5	51.6	37.2
2	51.3	53.9	38.8	5	51.1	53.6	38.1
3	50.5	52.5	38.9	6	57.4	56.3	38.1

Overall Leq (30 min)	65.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 28/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	17:07	**Stop Time**	17:37

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	39.2	42.3	34.1	4	40.5	43.6	34.1
2	40.5	42.6	33.2	5	43.7	42.8	35.1
3	42.6	41.5	32.1	6	42.7	40.8	34.9

Overall Leq (30 min)	41.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAI	**Checked By:**	(Signature)	Fai
	(Name)	WAI		(Name)	Fai So
Date:		28/9/2019	**Date:**		28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:12	**Stop Time**	9:42

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.7	45.2	36.3	4	45.2	41.1	33.0
2	40.5	40.9	34.6	5	42.1	43.1	35.2
3	41.3	41.2	33.2	6	44.1	42.1	36.3

Overall Leq (30 min)	59 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature) WH	**Checked By:**	(Signature) Sa.
	(Name) WH		(Name) Fai So
Date:	28/9/2019	**Date:**	28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ0826	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:33	**Stop Time**	15:03

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.4	42.3	34.3	4	43.0	41.7	33.4
2	41.7	41.0	33.9	5	40.2	42.5	34.4
3	42.7	41.2	33.4	6	42.7	42.3	34.5

Overall Leq (30 min)	42.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) WKH

Date: 28/9/2019

Checked By: (Signature) _____ (Name) Fai So

Date: 28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	28/9/2019
Project No.	
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:05	**Stop Time**	15:35

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.6	45.2	34.6	4	39.6	43.2	33.7
2	40.2	44.2	33.6	5	43.8	45.4	34.0
3	38.5	42.0	34.2	6	41.0	44.9	34.1

Overall Leq (30 min)	41.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH

(Name) WH

Date: 28/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 28-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:43	**Stop Time**	11:13

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.3	46.0	37.3	4	45.5	47.3	40.1
2	49.8	47.8	36.4	5	47.5	46.4	38.1
3	62.0	66.1	41.3	6	45.7	45.2	37.0

Overall Leq (30 min)	62.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAT (Name) WAT **Date:** 29/9/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	M-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		N/A
Other Sources	✓		LF

Sample	Observation	Sample	Observation
1	N/A	4	
2		5	
3		6	

5. RESULTS

Start Time	12:43

Stop Time	13:13

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	53.6	46.0	37.4	4	44.2	43.9	36.1
2	52.6	43.8	36.2	5	42.8	45.7	37.9
3	43.6	46.5	37.4	6	44.8	43.0	36.2

Overall Leq (30 min)	61.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WMT

(Name) WMT

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:50	**Stop Time**	16:20

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.9	45.1	38.0	4	47.5	48.5	40.2
2	42.9	46.5	38.2	5	45.6	46.6	39.3
3	46.2	42.3	39.0	6	43.3	45.9	38.4

Overall Leq (30 min)	59.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	W62
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:04	**Stop Time**	10:34

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	47.7	49.8	40.2	4	55.0	59.2	42.4
2	46.5	50.2	41.2	5	49.8	53.3	41.9
3	46.3	48.10	41.8	6	47.2	49.1	41.9

Overall Leq (30 min)	50.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 29/9/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	N-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		KR

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:19	**Stop Time**	13:49

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	52.2	51.7	36.1	4	58.1	51.9	36.1
2	43.4	46.6	36.5	5	51.7	50.4	35.1
3	49.2	53.8	34.2	6	42.0	48.5	34.0

Overall Leq (30 min)	52.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1662
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:14	**Stop Time**	15:44

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.2	43.5	36.1	4	41.2	42.8	35.4
2	41.5	42.8	35.5	5	47.2	42.8	36.5
3	42.7	43.9	36.1	6	56.2	43.1	36.5

Overall Leq (30 min)	49.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature) WAI	**Checked By:**	(Signature) Fai
	(Name) WAI		(Name) Fai So
Date:	29/9/2019	**Date:**	29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: * **Do not sample under these conditions***

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	2082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸡
Other Sources	~~✓~~	✓	

Sample	Observation	Sample	Observation
1	鸡	4	
2		5	
3		6	

5. RESULTS

Start Time	11:27	**Stop Time**	11:57

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.6	51.4	30.8	4	47.5	48.2	31.2
2	44.4	48.2	32.4	5	45.8	50.5	31.3
3	48.4	52.1	31.0	6	44.1	49.7	31.2

Overall Leq (30 min)	59 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAJ	**Checked By:**	(Signature)	Fai
	(Name)	WAJ		(Name)	Fai So
Date:		29/9/2019	**Date:**		29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ014

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing, Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:59	**Stop Time**	12:29

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.8	51.9	31.3	4	42.0	46.9	29.3
2	48.1	50.2	31.0	5	43.2	46.8	29.1
3	42.4	44.5	29.2	6	42.7	45.9	29.2

Overall Leq (30 min)	62.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSY (Name) WSY **Date:** 29/9/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	6062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

28.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
			Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	1621	**Stop Time**	1701

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	46.5	46.5	30.5	4	42.2	46.5	30.5
2	40.1	44.8	29.7	5	41.3	45.1	29.0
3	40.5	45.0	29.2	6	43.2	46.1	30.6

Overall Leq (30 min)	42.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM

(Name) WM

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	162
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic	✓		小
Aircraft		✓	
Animals	✓	✓	狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	狗 車
2		5	
3	車	6	

5. RESULTS

Start Time	9:47	**Stop Time**	9:47

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.1	37.7	31.8	4	64.9	53.6	33.1
2	34.4	36.6	31.3	5	53.9	47.6	32.4
3	54.1	57.9	33.1	6	45.2	41.8	31.1

Overall Leq (30 min)	57.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		N/A
Other Sources		✓	

Sample	Observation	Sample	Observation
1	N/A	4	
2		5	
3		6	

5. RESULTS

Start Time	14:00

Stop Time	14:30

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.4	48.2	34.0	4	52.6	42.2	34.0
2	47.2	43.8	33.3	5	46.9	42.6	34.1
3	40.0	42.1	34.5	6	43.2	42.0	34.4

Overall Leq (30 min)	63.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH

(Name) WH

Date: 29/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	29/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:31

Stop Time	15:01

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.4	45.2	34.0	4	39.5	42.2	34.8
2	52.6	44.2	34.3	5	37.8	40.9	33.2
3	36.9	38.8	33.6	6	39.8	41.2	34.0

Overall Leq (30 min)	57.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 29/9/2019

Checked By: (Signature) Sai

(Name) Fai So

Date: 29-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		鸟						
Other Sources	✓		人声						

Sample	Observation	Sample	Observation
1	鸟	4	
2		5	
3		6	

5. RESULTS

Start Time	10:15

Stop Time	10:45

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.6	50.4	40.4	4	44.3	45.7	39.2
2	44.6	46.0	39.9	5	43.6	44.2	38.5
3	44.2	45.2	40.9	6	42.5	44.0	38.1

Overall Leq (30 min)	62.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:40

Stop Time	13:40

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	75.8	78.2	42.5	4	45.2	47.2	46.3
2	47.5	48.4	40.4	5	46.3	48.3	40.5
3	47.6	48.5	41.2	6	45.3	46.2	41.5

Overall Leq (30 min)	68 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:16	**Stop Time**	16:46

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.3	46.8	38.1	4	47.2	48.7	39.3
2	42.5	46.9	38.1	5	46.5	47.4	39.5
3	46.2	48.8	39.2	6	45.5	47.1	38.2

Overall Leq (30 min)	63.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	N-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing, Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓	✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:39	**Stop Time**	10:09

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	39.8	42.1	36.2	4	44.6	45.8	36.3
2	42.3	43.7	37.0	5	39.4	44.9	35.4
3	40.5	42.5	36.3	6	42.2	44.2	37.2

Overall Leq (30 min)	41.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:46	**Stop Time**	14:16

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	41.5	42.1	36.3	4	42.3	44.9	37.5
2	42.6	42.5	36.0	5	42.0	43.5	36.1
3	50.5	45.6	36.3	6	42.2	43.1	36.1

Overall Leq (30 min)	45.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHY (Name) WHY **Date:** 30/9/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Construction Activities		✓							
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		K.B						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:40	**Stop Time**	16:10

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	49.2	48.7	36.3	4	44.5	46.2	35.6
2	48.2	47.7	35.0	5	46.2	47.0	36.3
3	47.7	47.2	35.6	6	48.0	48.6	36.7

Overall Leq (30 min)	47.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	N1-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:59	**Stop Time**	11:29

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.3	62.5	39.0	4	49.5	51.3	40.5
2	51.5	53.3	38.0	5	54.2	55.5	38.2
3	47.4	51.6	39.1	6	46.2	52.3	38.7

Overall Leq (30 min)	60.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗叫
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗叫	4	
2		5	
3		6	

5. RESULTS

Start Time	11:31	**Stop Time**	12:01

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.2	69.9	39.6	4	49.0	52.8	38.2
2	46.4	52.4	38.1	5	48.9	52.5	38.4
3	47.5	52.0	38.0	6	46.1	51.5	38.2

Overall Leq (30 min)	65.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

68o

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟/3
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鸟/3	4	
2		5	
3		6	

5. RESULTS

Start Time	16:57

Stop Time	17:27

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.6	59.6	34.0	4	43.4	47.9	33.5
2	45.2	48.2	33.3	5	46.6	49.9	34.5
3	40.1	46.5	32.0	6	45.2	48.5	33.0

Overall Leq (30 min)	65.8 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH

(Name) WH

Date: 30/9/2019

Checked By: (Signature) Fai

(Name) Fai Sc

Date: 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:09	**Stop Time**	9:39

Readings (Fast Response) — **Averaging Period :** 5 minutes ✓ / 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ / Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	45.2	43.0	34.2	4	42.1	44.2	33.6
2	38.5	42.4	33.6	5	38.5	42.0	33.5
3	42.1	42.3	34.3	6	41.3	42.3	34.5

Overall Leq (30 min)	41.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH — (Name) WH — **Date:** 30/9/2019

Checked By: (Signature) Fai — (Name) Fai Sc — **Date:** 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	E0011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.8

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	E0082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:28

Stop Time	14:58

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.3	44.2	36.0	4	38.1	42.2	35.2
2	41.3	42.4	35.6	5	39.2	43.4	35.1
3	38.2	41.0	34.0	6	41.4	43.8	36.2

Overall Leq (30 min)	61.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] **Date:** 30/9/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 30-9-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	30/9/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		牛叫
Other Sources		✓	

Sample	Observation	Sample	Observation
1	牛叫	4	
2		5	
3		6	

5. RESULTS

Start Time	14:59

Stop Time	15:29

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.2	46.3	36.2	4	44.2	45.5	35.8
2	42.5	44.1	34.1	5	42.0	43.5	33.8
3	40.8	43.3	33.5	6	43.3	44.2	34.8

Overall Leq (30 min)	59.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM — (Name) WM — **Date:** 30/9/2019

Checked By: (Signature) Fai — (Name) Fai So — **Date:** 30-9-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	6062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.9

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:38	**Stop Time**	11:08

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.8	46.3	37.2	4	45.5	47.5	40.5
2	50.1	47.2	36.6	5	46.0	48.6	40.0
3	56.4	48.6	41.6	6	46.2	47.8	41.2

Overall Leq (30 min)	62.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 1/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 14-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鳥
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	鳥	4	
2		5	
3		6	

5. RESULTS

Start Time	12:32	**Stop Time**	13:02

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.8	48.1	38.5	4	46.4	45.3	38.5
2	46.3	43.4	37.7	5	49.0	47.2	39.2
3	46.8	44.2	37.7	6	41.1	44.1	37.2

Overall Leq (30 min)	64.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 1/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction
[Direction from which wind originates]
(degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:37

Stop Time	16:07

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐
Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	60.6	45.1	37.2	4	43.4	43.5	36.1
2	40.3	43.7	36.1	5	43.8	43.6	36.2
3	43.4	44.2	37.0	6	44.0	44.3	36.5

Overall Leq (30 min)	53.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH
(Name) WAH
Date: 1/10/2019

Checked By: (Signature) Fai
(Name) Fai So
Date: 1-10-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1662
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:02	**Stop Time**	10:32

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	39.6	42.5	35.1	4	47.8	46.8	37.6
2	40.4	43.7	36.6	5	42.7	44.9	36.4
3	49.5	46.5	36.5	6	43.7	43.9	35.3

Overall Leq (30 min)	45.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 1/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:07	**Stop Time**	13:37

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	45.7	48.2	36.6	4	43.5	46.6	34.1
2	44.2	46.6	35.8	5	48.6	49.9	36.2
3	46.2	48.5	36.9	6	45.2	47.9	34.3

Overall Leq (30 min)	45.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH

(Name) WH

Date: 1/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ011	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:02	**Stop Time**	15:32

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	46.5	50.6	35.5	4	48.1	50.6	36.5
2	52.2	52.2	36.5	5	48.2	51.5	36.0
3	47.5	49.6	35.6	6	50.0	52.2	36.0

Overall Leq (30 min)	48.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WH	**Checked By:**	(Signature)	Fai
	(Name)	WH		(Name)	Fai So
Date:		1/10/2019	**Date:**		1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	11/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗只
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗只	4	
2		5	
3		6	

5. RESULTS

Start Time	11:19	**Stop Time**	11:49

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.5	49.5	30.6	4	46.3	48.9	31.9
2	43.6	48.6	30.4	5	41.3	50.9	34.8
3	47.2	49.5	31.5	6	45.1	51.2	33.9

Overall Leq (30 min)	57.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WHY	**Checked By:**	(Signature)	Fai
	(Name)	WHY		(Name)	Fai So
Date:		11/01/2019	**Date:**		1-10-2020

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗吠
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:50

Stop Time	12:20

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☑ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	40.9	44.3	33.4	4	43.1	46.1	32.9
2	42.2	45.2	33.2	5	41.5	44.0	29.7
3	45.5	48.0	34.6	6	42.2	43.5	29.3

Overall Leq (30 min)	42.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 1/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:18	**Stop Time**	16:48

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.2	50.0	31.1	4	47.5	46.0	31.3
2	44.1	49.2	30.5	5	42.0	45.0	29.6
3	45.1	46.5	30.5	6	44.6	45.9	29.9

Overall Leq (30 min)	63.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHY (Name) WHY **Date:** 1/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1082
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:20

Stop Time	9:50

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.2	58.2	35.2	4	40.5	38.6	33.2
2	45.1	37.8	32.5	5	42.5	39.2	34.1
3	36.2	36.4	31.0	6	38.4	40.1	35.2

Overall Leq (30 min)	62.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) _____ **Date:** 1/10/2019

Checked By: (Signature) _____ (Name) Fai So **Date:** 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	N-32
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:49	**Stop Time**	14:19

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.5	46.5	34.0	4	47.2	42.3	33.0
2	50.3	42.0	34.2	5	40.2	41.0	32.6
3	50.1	43.2	34.5	6	45.0	42.2	33.2

Overall Leq (30 min)	65.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAI	**Checked By:**	(Signature)	Fai
	(Name)	WAI		(Name)	Fai So
Date:		1/10/2019	**Date:**		1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	1/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:20

Stop Time	14:50

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.7	52.8	33.1	4	40.7	32.8	33.7
2	42.10	37.9	32.8	5	42.3	38.9	34.5
3	35.2	36.7	32.8	6	38.1	37.5	32.1

Overall Leq (30 min)	59.0 dB(A)

Average Baseline Level	dB(A)

Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WOI

(Name) WOI

Date: 1/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 1-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ021	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:47	**Stop Time**	11:17

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.1	47.4	40.4	4	42.5	44.8	39.6
2	43.7	45.5	40.7	5	43.8	45.7	40.1
3	43.5	45.9	39.2	6	43.2	45.1	40.0

Overall Leq (30 min)	59.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	AI-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:21

Stop Time	13:51

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	52.8	46.5	39.8	4	46.4	48.5	42.8
2	43.9	45.8	40.8	5	46.2	49.2	42.9
3	47.9	50.3	42.9	6	47.3	50.7	42.4

Overall Leq (30 min)	48.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) _____ **Date:** 2/10/2019

Checked By: (Signature) _____ (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	N1-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K 4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鳥叫
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:31	**Stop Time**	17:01

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.3	47.3	44.5	4	43.5	45.9	36.9
2	49.2	46.5	39.4	5	46.2	46.7	38.7
3	45.0	45.4	37.4	6	45.6	46.1	38.2

Overall Leq (30 min)	67.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:09	**Stop Time**	10:39

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	59.2	54.5	38.8	4	48.5	50.0	42.8
2	48.9	50.2	41.7	5	47.5	50.3	41.9
3	46.7	50.7	38.4	6	48.4	50.7	42.9

Overall Leq (30 min)	52.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 2/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	AR-52
Equipment No.	EQ0[illegible]11

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	同	4	〃
2	〃	5	〃
3	〃	6	〃

5. RESULTS

Start Time	14:00	**Stop Time**	15:30

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.1	62.6	61.8	4	62.5	62.8	62.1
2	62.4	62.7	62.0	5	63.5	62.7	62.1
3	62.6	63.0	62.2	6	64.1	63.1	62.8

Overall Leq (30 min)	63.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) WAI **Date:** 2/10/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		KB

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:55	**Stop Time**	16:25

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	49.8	50.1	38.2	4	47.8	49.5	37.5
2	47.5	50.1	38.7	5	45.7	48.2	36.5
3	48.9	50.2	38.2	6	45.9	48.3	36.0

Overall Leq (30 min)	47.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: * **Do not sample under these conditions***

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		鸟类						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	[redacted]	4	
2		5	
3		6	

5. RESULTS

Start Time	11:30	**Stop Time**	12:00

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	46.9	47.9	34.0	4	48.0	54.5	37.8
2	50.7	52.8	37.7	5	46.5	49.2	36.2
3	45.4	49.4	35.1	6	44.7	48.2	35.7

Overall Leq (30 min)	47.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH (Name) WH **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-19

AUES **Action-United Environmental Services & Consulting**
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction
[Direction from which wind originates] (degree)
080

Temperature (°C)
26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗吠
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	12:02

Stop Time	12:32

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐
Monitoring Location: 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	45.0	48.4	34.8	4	45.0	48.4	39.1
2	49.3	51.8	37.6	5	47.6	50.9	39.1
3	47.6	51.2	39.1	6	48.1	51.8	39.2

Overall Leq (30 min)	46.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	49.1 dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM1 (Name) WM1 **Date:** 2/10/2019

Checked By: (Signature) Fui (Name) Fui So **Date:** 2-10-19

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1612
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	17:12	**Stop Time**	17:42

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.7	49.5	34.6	4	45.0	47.4	33.0
2	48.2	48.1	33.2	5	47.1	48.8	33.0
3	43.3	46.5	32.6	6	44.0	46.5	32.3

Overall Leq (30 min)	60.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) 狗 (Name) 狗 **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	1662
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ2082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:24	**Stop Time**	9:54

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.5	43.8	34.5	4	46.9	46.7	33.9
2	40.8	43.5	34.7	5	41.6	43.8	33.1
3	43.0	46.3	34.1	6	43.5	45.7	33.3

Overall Leq (30 min)	58.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	2/10/2019
Project No.	161
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K 4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Construction Activities		✓							
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3	狗	6	

5. RESULTS

Start Time	14:42	**Stop Time**	15:12

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.3	44.7	35.0	4	44.1	47.8	34.9
2	38.8	41.4	35.5	5	40.9	43.3	34.8
3	70.0	50.5	34.5	6	43.2	45.9	34.0

Overall Leq (30 min)	63.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 2/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 2-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:37	**Stop Time**	11:07

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.8	48.1	42.8	4	45.4	45.5	39.5
2	43.2	45.8	40.5	5	47.7	46.0	40.0
3	46.4	46.9	41.3	6	45.4	45.3	41.1

Overall Leq (30 min)	65.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 31/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	3/10/2019
Project No.	1067
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing, Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:12

Stop Time	13:42

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.1	49.2	42.3	4	46.6	46.5	40.8
2	45.2	46.5	39.5	5	48.4	47.6	40.9
3	45.2	45.4	39.6	6	48.5	48.6	41.5

Overall Leq (30 min)	61.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH Date: 3/10/2019

Checked By: (Signature) Fai (Name) Fai So Date: 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鳥叫
Other Sources	✓		

Sample	Observation	Sample	Observation
1	鳥叫	4	
2		5	
3		6	

5. RESULTS

Start Time	16:19	**Stop Time**	16:49

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.6	47.4	39.4	4	55.5	45.2	37.6
2	63.2	46.6	38.2	5	46.6	44.3	36.6
3	49.6	44.5	36.8	6	50.6	45.2	37.9

Overall Leq (30 min)	61.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 31/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	3/10/2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	TQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	TQ087	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:01	**Stop Time**	10:31

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.6	48.3	38.4	4	46.7	51.2	40.2
2	41.3	48.3	39.3	5	45.8	51.1	41.2
3	43.8	49.0	38.4	6	43.4	51.2	41.0

Overall Leq (30 min)	44.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 3/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/01/2019
Project No.	612
Station ID No.	NR9

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ092	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:50	Stop Time	14:20

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	54.6	53.5	37.1	4	53.2	55.5	37.6
2	51.1	53.1	36.7	5	53.5	55.1	35.9
3	48.7	46.3	35.5	6	50.3	47.2	35.9

Overall Leq (30 min)	51.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 31/01/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-1-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/01/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗						
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:43	**Stop Time**	16:13

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	61.7	49.3	41.1	4	48.7	48.2	40.5
2	49.1	48.2	41.7	5	48.2	49.2	41.5
3	45.7	49.3	38.2	6	47.6	50.5	42.5

Overall Leq (30 min)	54.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 31/01/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/10/2019
Project No.	1081
Station ID No.	N3

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟叫
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鸟叫	4	
2		5	
3		6	

5. RESULTS

Start Time	11:21

Stop Time	11:51

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.2	53.2	40.6	4	47.5	50.2	38.2
2	49.4	51.8	38.3	5	46.6	49.2	37.3
3	45.5	48.8	37.1	6	49.2	51.5	38.0

Overall Leq (30 min)	58.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 31/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	3/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:53	**Stop Time**	12:23

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.7	49.4	37.4	4	46.4	42.9	37.7
2	60.2	46.6	36.1	5	47.3	48.0	38.6
3	44.5	47.9	36.7	6	46.3	48.2	38.2

Overall Leq (30 min)	63.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WH — (Name) WH — **Date:** 3/10/2019

Checked By: (Signature) Fai — (Name) Fai So — **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	3/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	17:01	**Stop Time**	17:31

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	45.2	49.7	32.6	4	42.4	51.0	33.8
2	46.1	50.2	33.1	5	45.2	50.0	32.2
3	45.2	49.2	32.6	6	48.3	51.5	34.3

Overall Leq (30 min)	46.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSY (Name) WSY **Date:** 3/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	3/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟类
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鸟类	4	
2		5	
3		6	

5. RESULTS

Start Time	9:18

Stop Time	9:48

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.1	47.6	35.9	4	48.5	45.5	34.8
2	43.3	45.5	33.3	5	41.4	44.5	33.9
3	46.5	46.9	34.9	6	53.2	45.1	35.4

Overall Leq (30 min)	62.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHF

(Name) WHF

Date: 3/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 3-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/01/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	狗

5. RESULTS

Start Time	14231	**Stop Time**	15201

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.5	50.6	34.3	4	45.3	48.8	33.2
2	41.3	43.2	33.5	5	42.1	44.9	32.10
3	45.5	48.5	34.0	6	62.1	52.9	34.2

Overall Leq (30 min)	59.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 31/01/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 31-01-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	31/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.8

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		沒有
Other Sources		✓	

Sample	Observation	Sample	Observation
1	沒有	4	
2		5	
3		6	

5. RESULTS

Start Time	15:02

Stop Time	15:32

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.9	46.5	35.0	4	38.0	42.9	33.0
2	47.2	43.6	33.2	5	41.2	43.8	32.4
3	42.1	42.6	34.3	6	41.3	44.8	32.5

Overall Leq (30 min)	66.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHY (Name) WHY **Date:** 31/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 31-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟
Other Sources	✓		人

Sample	Observation	Sample	Observation
1	鸟	4	
2		5	
3		6	

5. RESULTS

Start Time	10:28	**Stop Time**	10:58

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	55.0	45.4	40.3	4	44.0	46.5	40.3
2	42.3	44.6	39.1	5	43.8	45.7	40.3
3	44.0	46.1	41.1	6	44.1	44.1	39.6

Overall Leq (30 min)	47.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WBJ

(Name) WBJ

Date: 4/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	N1-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	12:52	**Stop Time**	13:22

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	53.3	49.4	42.8	4	40.9	43.6	36.0
2	49.3	53.4	39.5	5	45.3	48.6	38.4
3	40.9	43.1	32.7	6	42.5	45.1	36.9

Overall Leq (30 min)	48.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSF (Name) WSF **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1067
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

070

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗叫	4	
2		5	
3		6	

5. RESULTS

Start Time	16:03

Stop Time	16:33

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.7	47.6	40.2	4	41.6	44.0	39.0
2	43.5	45.1	40.5	5	43.6	45.2	39.2
3	47.3	46.2	40.5	6	45.7	45.0	39.6

Overall Leq (30 min)	62.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9250	**Stop Time**	10220

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	42.4	42.8	36.5	4	42.6	44.7	37.0
2	45.1	47.1	38.0	5	44.5	46.3	38.2
3	41.2	43.3	36.6	6	41.5	44.8	36.3

Overall Leq (30 min)	43.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHJ (Name) WHJ **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

270

Temperature (°C)

26.7

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling	Mobilization	Drilling	Excavation	Dredging	Concreting	Grabbing
Construction Activities		✓	Breaking	Cutting	Blasting	Backfilling	Demolition	Formwork	unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:20	**Stop Time**	13:50

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.0	43.2	36.8	4	41.9	45.3	37.2
2	40.4	42.4	37.0	5	40.2	43.1	36.1
3	40.6	43.0	37.3	6	40.1	42.2	36.9

Overall Leq (30 min)	41.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WMF (Name) WMF **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic	✓	✓	少
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	〃
2	貨車鳴笛	5	〃
3	〃	6	〃

5. RESULTS

Start Time	11:11	Stop Time	11:41

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	50.6	53.0	32.6	4	78.7	80.9	72.8
2	72.3	78.3	66.2	5	77.3	80.0	~~73.1~~ 73.1
3	78.6	80.2	75.2	6	78.5	80.2	74.5

Overall Leq (30 min)	76.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ0892	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic	✓		車
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	貨車過境	4	
2	〃	5	
3	〃	6	

5. RESULTS

Start Time	11:41	**Stop Time**	12:11

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	78.3	80.5	75.3	4	47.4	56.5	43.4
2	78.5	80.6	73.6	5	50.8	53.8	45.5
3	78.3	61.1	59.8	6	48.1	52.0	44.1

Overall Leq (30 min)	74.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WBT (Name) WBT **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

070

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K 4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:44	**Stop Time**	17:14

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	74.4	60.8	34.0	4	44.1	47.6	33.6
2	46.2	49.2	33.5	5	45.3	48.5	33.6
3	41.2	46.4	32.2	6	43.3	47.3	32.0

Overall Leq (30 min)	66.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM

(Name) WM

Date: 4/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1012
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	582011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	2082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鸟
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鸟	4	
2		5	
3		6	

5. RESULTS

Start Time	9:07	**Stop Time**	9:37

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.8	52.2	37.2	4	42.6	44.9	34.8
2	42.5	45.2	35.5	5	46.2	48.2	36.2
3	71.7	61.5	37.8	6	43.3	45.1	34.3

Overall Leq (30 min)	65.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAI	**Checked By:**	(Signature)	Fai
	(Name)	WAI		(Name)	Fai So
Date:		4/10/2019	**Date:**		4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

070

Temperature (°C)

26.7

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:12	**Stop Time**	14:42

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.7	57.1	37.2	4	44.3	43.5	36.7
2	42.2	42.7	35.3	5	42.3	42.2	35.5
3	42.5	41.7	34.5	6	43.2	42.0	35.6

Overall Leq (30 min)	62.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	4/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

070

Temperature (°C)

26.7

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	1424	**Stop Time**	1524

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.2	44.2	36.3	4	41.3	41.2	33.5
2	40.2	42.0	34.4	5	46.5	43.0	35.1
3	45.0	43.0	35.1	6	42.1	42.2	34.4

Overall Leq (30 min)	57.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 4/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 4-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:45

Stop Time	11:15

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	58.5	54.5	39.5	4	49.5	51.7	40.8
2	50.6	52.7	36.7	5	47.7	50.7	37.4
3	48.4	50.5	37.7	6	46.7	50.8	39.6

Overall Leq (30 min)	52.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM (Name) WM **Date:** 5/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ0081	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:26

Stop Time	13:56

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.9	46.0	37.5	4	45.5	46.0	39.8
2	42.3	42.4	38.8	5	41.0	43.6	38.0
3	44.9	44.3	38.1	6	43.4	45.3	39.3

Overall Leq (30 min)	60.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSY (Name) WSY **Date:** 5/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	M

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:53	**Stop Time**	17:03

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	57.1	49.5	40.6	4	45.3	48.9	40.4
2	45.0	46.5	39.3	5	42.5	47.5	39.2
3	47.0	49.9	41.5	6	46.6	48.0	40.2

Overall Leq (30 min)	50.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WAH	**Checked By:**	(Signature)	Fai
	(Name)	WAH		(Name)	Fai So
Date:		5/10/2019	**Date:**		5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:08	**Stop Time**	10:38

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	44.6	46.0	35.5	4	46.3	47.5	38.3
2	48.2	48.6	36.1	5	43.1	46.3	36.3
3	43.1	45.2	35.2	6	49.0	48.1	38.0

Overall Leq (30 min)	46.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH

(Name) WAH

Date: 5/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ041

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:02	**Stop Time**	14:32

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	42.7	43.2	36.6	4	44.3	43.3	36.6
2	39.5	42.6	35.3	5	40.5	41.0	35.5
3	41.7	43.5	36.2	6	42.1	42.4	36.5

Overall Leq (30 min)	42.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSH (Name) WSH **Date:** 5/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ211

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BC423I	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:57	**Stop Time**	16:27

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.8	45.3	36.2	4	43.8	44.4	37.2
2	43.2	44.6	37.2	5	41.6	42.7	36.1
3	40.5	42.6	37.1	6	42.6	43.5	36.1

Overall Leq (30 min)	59.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WKH (Name) WKH **Date:** 5/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1662
Station ID No.	NB9

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EA011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	1Q082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗						
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:27	**Stop Time**	11:57

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.3	52.2	36.6	4	44.1	50.5	35.9
2	40.5	47.2	36.5	5	43.2	50.4	34.2
3	43.2	49.1	34.6	6	45.4	51.2	35.4

Overall Leq (30 min)	67.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH

(Name) WAH

Date: 5/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ0811

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ0882	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals		✓							
Other Sources		✓							

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:58	**Stop Time**	12:28

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	47.7	50.6	35.1	4	45.6	48.6	34.5
2	46.6	49.9	34.7	5	47.1	49.0	34.6
3	42.2	50.5	35.6	6	45.1	47.5	34.6

Overall Leq (30 min)	46.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAJ

(Name) WAJ

Date: 5/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗(2)						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	17:14	**Stop Time**	17:44

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.8	62.4	34.5	4	41.6	49.7	31.2
2	43.6	49.5	032.9	5	47.3	51.2	33.4
3	45.5	50.4	33.8	6	42.3	49.2	31.1

Overall Leq (30 min)	62.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	[signature]	**Checked By:**	(Signature)	Fai
	(Name)	[signature]		(Name)	Fai So
Date:		5/10/2019	**Date:**		5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	9:25	**Stop Time**	9:55

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	69.0	46.1	36.2	4	39.2	41.5	35.5
2	38.8	40.5	35.6	5	39.3	41.6	35.8
3	39.0	41.2	34.4	6	41.2	42.4	36.8

Overall Leq (30 min)	61.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAH (Name) WAH **Date:** 5/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:43	**Stop Time**	15:13

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	75.8	54.3	38.4	4	44.1	49.0	37.2
2	50.2	53.0	38.7	5	46.4	51.8	38.6
3	47.1	51.6	38.4	6	43.2	49.2	37.0

Overall Leq (30 min)	68.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 5/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 5-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	5/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.6

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		雀鳥						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	雀鳥	4	
2		5	
3		6	

5. RESULTS

Start Time	1514	**Stop Time**	1544

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐
Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.9	56.5	39.0	4	49.5	51.7	38.4
2	48.5	51.5	37.8	5	45.5	48.4	37.2
3	50.6	53.7	38.0	6	47.5	50.9	37.6

Overall Leq (30 min)	63.2 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	- dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature]
Date: 5/10/2019

Checked By: (Signature) Fai (Name) Fai So
Date: 5-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1067
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	FQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:36	**Stop Time**	11:06

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.3	68.4	37.5	4	45.5	47.9	37.7
2	47.3	47.8	36.8	5	42.5	46.2	36.5
3	43.4	46.8	36.7	6	44.0	46.1	37.3

Overall Leq (30 min)	59.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WBJ (Name) WBJ **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	12:31	**Stop Time**	13:01

Readings (Fast Response)

Averaging Period : 5 minutes ✓ / 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ / Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.7	43.3	37.1	4	44.1	43.5	38.0
2	44.2	43.3	37.4	5	49.2	45.2	38.6
3	44.5	44.4	38.2	6	45.2	44.1	38.6

Overall Leq (30 min)	61.0 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSF (Name) WSF **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/16/2019
Project No.	1612
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	✓
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	
Trace (< 1 mm)	✓
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:37	**Stop Time**	16:07

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.5	45.9	38.8	4	42.5	44.6	37.9
2	60.2	43.9	38.8	5	43.8	44.5	37.2
3	40.5	43.9	38.8	6	41.8	43.0	37.7

Overall Leq (30 min)	60.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WKF (Name) WKF **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:59	**Stop Time**	10:29

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	48.7	50.5	42.4	4	41.3	46.8	40.5
2	45.2	48.6	41.3	5	43.3	48.1	40.7
3	43.4	48.6	40.3	6	46.3	49.0	42.2

Overall Leq (30 min)	45.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM

(Name) WM

Date: 8/10/2019

Checked By: (Signature) Fai

(Name) Fai Sd

Date: 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ0811

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:07	**Stop Time**	13:37

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.8	43.1	34.8	4	44.3	44.6	35.2
2	44.5	44.4	35.6	5	40.5	42.0	34.3
3	41.2	42.2	34.5	6	43.1	44.0	34.0

Overall Leq (30 min)	43.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSH (Name) WSH **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1612
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	
Low (1–5 m/s)	✓
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	
Trace (< 1 mm)	✓
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:30	**Stop Time**	16:00

Readings (Fast Response) — **Averaging Period :** 5 minutes ☑ 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.7	43.4	36.4	4	43.7	44.3	35.0
2	42.7	43.8	36.2	5	40.5	42.2	34.6
3	41.4	42.5	35.5	6	40.2	42.3	34.6

Overall Leq (30 min)	42.9 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI — (Name) WAI — **Date:** 8/10/2019

Checked By: (Signature) Fai — (Name) Fai So — **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:09	**Stop Time**	11:49

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	71.8	70.6	35.1	4	44.2	49.6	33.0
2	42.6	49.0	32.0	5	40.2	49.7	32.6
3	46.5	50.6	33.4	6	45.5	49.7	33.3

Overall Leq (30 min)	64.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	[signature]	**Checked By:**	(Signature)	[signature]
	(Name)	[signature]		(Name)	Fai So
Date:		8/10/2019	**Date:**		8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

ESE

Temperature (°C)

26.5

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	11:50	**Stop Time**	12:20

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.2	51.1	32.3	4	45.3	50.3	31.8
2	48.1	52.1	32.3	5	41.5	49.0	30.5
3	44.2	49.5	31.6	6	42.1	49.3	31.0

Overall Leq (30 min)	57.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] **Date:** 8/10/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	M-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	
Low (1–5 m/s)	✓
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	
Trace (< 1 mm)	✓
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗只
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗只	4	
2		5	
3		6	

5. RESULTS

Start Time	16:18	**Stop Time**	16:48

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	67.1	51.5	32.0	4	44.9	47.5	30.0
2	45.4	48.5	31.8	5	42.0	46.7	30.6
3	44.1	47.0	30.4	6	42.5	46.3	30.5

Overall Leq (30 min)	59.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI (Name) WAI **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K 31	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		鳥
Other Sources		✓	

Sample	Observation	Sample	Observation
1	鳥	4	
2		5	
3		6	

5. RESULTS

Start Time	9:15

Stop Time	9:45

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	70.4	47.0	34.8	4	39.1	40.5	33.8
2	41.1	42.6	34.5	5	40.5	41.7	33.5
3	38.2	40.3	33.9	6	43.2	42.5	34.5

Overall Leq (30 min)	62.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] **Date:** 6/10/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 6-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.5

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ0082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		不明
Other Sources		✓	

Sample	Observation	Sample	Observation
1	不明	4	
2		5	不明
3		6	

5. RESULTS

Start Time	13:49

Stop Time	14:19

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	73.2	38.3	33.2	4	41.6	36.5	33.8
2	43.4	37.5	32.8	5	68.6	40.6	32.9
3	40.4	36.6	31.0	6	46.5	37.6	32.0

Overall Leq (30 min)	66.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] **Date:** 8/10/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	6/10/2019
Project No.	1012
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	✓
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	✓
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

060

Temperature (°C)

26.5

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		無
Other Sources		✓	

Sample	Observation	Sample	Observation
1	無	4	
2		5	
3		6	

5. RESULTS

Start Time	14:21

Stop Time	14:51

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.3	38.1	32.5	4	42.5	37.6	33.7
2	43.5	37.4	33.9	5	42.5	37.0	33.5
3	38.3	36.0	32.8	6	36.4	36.3	32.2

Overall Leq (30 min)	60.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WM

(Name) WM

Date: 8/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 8-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1067
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

*Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓	✓	dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:19	Stop Time	10:49

Readings (Fast Response) — Averaging Period: 5 minutes ☑ / 30 minutes ☐ — Monitoring Location: 1-meter from façade ☐ / Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	55.5	58.5	39.5	4	46.4	47.5	45.0
2	49.6	48.0	40.0	5	46.5	48.0	44.5
3	53.5	49.5	45.5	6	45.4	46.0	44.0

Overall Leq (30 min)	51.2 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho — (Name) Ho — Date: 7-10-2019

Checked By: (Signature) Fai — (Name) Fai SJ — Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)	
Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)	
Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:41	Stop Time	16:11

Readings (Fast Response) — Averaging Period : 5 minutes ☑ 30 minutes ☐ — Monitoring Location: 1-meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	62.5	66.0	36.5	4	48.7	48.0	37.0
2	42.5	44.0	35.5	5	40.4	41.5	35.5
3	39.1	40.0	35.0	6	43.9	42.0	36.0

Overall Leq (30 min)	55.0 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho — (Name) Ho — Date: 7-10-2019

Checked By: (Signature) Fai — (Name) Fai Sa — Date: 7-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	B&K 2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)	
Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)	
Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

*Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:13	Stop Time	16:43

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1-meter from façade ☐ Free field ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.9	69.5	37.5	4	41.8	43.0	37.5
2	40.0	41.0	39.5	5	40.1	41.5	36.5
3	40.8	43.5	38.0	6	43.0	45.5	38.0

Overall Leq (30 min)	58.2 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) H0 (Name) H0 Date: 7-10-2019

Checked By: (Signature) Fai (Name) Fai So Date:

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N2a

Time Period	(Day) / Evening / Night
Equipment Name	BK 2238
Equipment No.	EQ 006

2. WEATHER

Wind Speed (tick)	
Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)	
Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Note: * Do not sample under these conditions*

Wind Direction
[Direction from which wind originates]
(degree)
090

Temperature (°C)
26.4

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ 089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:42	Stop Time	10:12

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐
Monitoring Location: 1-meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	61.3	65.0	40.5	4	43.5	46.5	41.0
2	48.4	51.5	38.0	5	43.5	44.5	41.5
3	42.4	43.5	41.0	6	43.3	45.5	40.5

Overall Leq (30 min)	54.0 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho
(Name) Ho
Date: 7-10-2019

Checked By: (Signature) Fai
(Name) Fai So
Date: 7-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1067
Station ID No.	N2

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	V
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	V
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.4

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		V	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		V	
Road Traffic		V	
Aircraft		V	
Animals	V		dog
Other Sources	V		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:30	Stop Time	15:00

Readings (Fast Response)

Averaging Period : 5 minutes [V] 30 minutes [ ]

Monitoring Location: 1 meter from façade [ ] Free field [V]*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	61.5	65.5	40.0	4	42.8	47.0	41.5
2	44.6	47.0	38.5	5	40.4	43.5	39.5
3	40.6	45.8	40.5	6	43.8	44.0	41.5

Overall Leq (30 min)	54.0 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) I-Io Date: 7-10-2019

Checked By: (Signature) [signature] (Name) Fai So Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N2

Time Period	Day / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ066

2. WEATHER

Wind Speed (tick)	
Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: * Do not sample under these conditions*

Rainfall (tick)	
Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction
[Direction from which wind originates] (degree)
090

Temperature (°C)
28.4

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:01	Stop Time	15:31

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐
Monitoring Location: 1-meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	60.4	68.5	39.0	4	43.9	46.0	39.5
2	49.3	50.5	38.0	5	42.9	44.5	41.0
3	43.2	45.2	38.0	6	47.9	49.0	40.0

Overall Leq (30 min)	53.4 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho (Name) Ho Date: 7-10-2019

Checked By: (Signature) Fai (Name) Fai So Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1661
Station ID No.	N3a

Time Period	Day / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

*Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft			
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:10	Stop Time	11:40

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1-meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	63.8	66.5	41.5	4	42.5	43.0	42.0
2	46.9	44.0	40.0	5	44.1	45.0	42.5
3	53.8	49.5	41.0	6	43.8	44.5	42.0

Overall Leq (30 min)	56.6 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho (Name) Ho Date: 7-10-2019

Checked By: (Signature) Fai (Name) Fai So Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	BLC2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.4

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
			Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Construction Activities		✓							
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		dog						
Other Sources	✓		human						

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	16:51	Stop Time	17:21

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	63.4	67.5	38.5	4	41.3	43.0	39.0
2	48.6	51.0	39.5	5	41.0	41.5	39.5
3	47.7	51.5	39.5	6	40.5	41.5	38.0

Overall Leq (30 min)	55.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho (Name) Ho Date: 7-10-2019

Checked By: (Signature) Fai (Name) Fai So Date: 7-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)	
Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)	
Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Note: * Do not sample under these conditions*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	17:24	Stop Time	17:54

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1-meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	59.3	63.5	37.5	4	42.7	44.5	38.0
2	40.4	42.0	38.5	5	44.3	45.2	37.5
3	41.7	43.0	37.0	6	40.3	42.0	38.5

Overall Leq (30 min)	51.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) Ho (Name) Ho Date: 7-10-2019

Checked By: (Signature) Fai (Name) Fai So Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.4

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	9:07	Stop Time	9:37

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1-meter from façade ☐ Free field ✓*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.9	70.5	36.5	4	52.2	56.0	43.0
2	45.8	50.5	38.0	5	48.5	53.0	41.5
3	46.3	51.5	38.5	6	50.7	54.0	42.5

Overall Leq (30 min)	61.4 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] Date: 7-10-2019

Checked By: (Signature) [signature] (Name) Fai So Date: 7-10-2019

(SF-04A)

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	B1c2238
Equipment No.	GQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction [Direction from which wind originates] (degree): 090

Temperature (°C): 26.4

Note: * Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	GQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing / Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:13	Stop Time	13:43

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1-meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	60.3	64.5	38.5	4	40.2	42.5	37.5
2	42.3	45.0	38.0	5	39.4	41.0	37.5
3	39.9	41.5	37.5	6	46.8	46.5	37.0

Overall Leq (30 min)	52.8 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) HO Date: 7-10-2019

Checked By: (Signature) [signature] (Name) Fai SC Date: 7-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	7-10-2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	BK2238
Equipment No.	EQ006

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: * Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.4

3. CALIBRATION

Calibrator Model	NC75	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ089	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		dog
Other Sources	✓		human

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	13:45	Stop Time	14:15

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	58.3	60.0	41.5	4	41.2	42.0	38.0
2	52.6	55.5	39.0	5	44.7	47.5	38.5
3	42.8	43.5	37.5	6	42.2	44.5	38.5

Overall Leq (30 min)	51.9 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature) Ho	Checked By:	(Signature) Fai
	(Name) Ho		(Name) Fai S.
Date:	7-10-2019	Date:	7-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N1

Time Period	Day / Evening / Night
Equipment Name	N1-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ282	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		狗						
Other Sources	✓		人聲						

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	10:41	**Stop Time**	11:11

Readings (Fast Response) **Averaging Period :** 5 minutes ☑ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	68.2	48.6	41.6	4	45.6	46.6	40.6
2	43.5	46.2	40.2	5	46.6	48.8	40.8
3	43.0	45.6	39.5	6	46.4	47.3	41.0

Overall Leq (30 min)	60.5 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	[signature]	**Checked By:**	(Signature)	[signature]
	(Name)	[signature]		(Name)	[signature]
Date:		8/10/2019	**Date:**		8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1662
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

90

Temperature (°C)

26.3

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		有狗
Other Sources	✓		人

Sample	Observation	Sample	Observation
1	有狗	4	
2		5	
3		6	

5. RESULTS

Start Time	13:23

Stop Time	13:53

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	57.9	45.8	40.2	4	48.5	49.8	41.4
2	43.9	45.7	40.5	5	44.6	47.9	41.6
3	45.2	50.0	42.4	6	44.2	47.5	40.5

Overall Leq (30 min)	51.3 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) [signature] (Name) [signature] **Date:** 8/10/2019

Checked By: (Signature) [signature] (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N1

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	16:35	**Stop Time**	17:05

Readings (Fast Response)

Averaging Period : 5 minutes ✓ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	57.5	47.7	39.1	4	45.8	48.6	39.5
2	43.4	46.0	38.8	5	43.5	47.3	38.1
3	43.7	46.1	39.1	6	42.5	46.7	38.5

Overall Leq (30 min)	50.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WHY (Name) WOY **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

080

Temperature (°C)

26.3

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓	✓	
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	10:03	**Stop Time**	10:33

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	38.7	40.4	34.9	4	48.1	46.7	35.4
2	40.2	42.5	34.2	5	50.2	48.3	35.2
3	45.3	44.4	35.6	6	47.2	46.1	34.3

Overall Leq (30 min)	46.6 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) _____ **Date:** 8/10/2019

Checked By: (Signature) _____ (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1662
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note:* Do not sample under these conditions

3. CALIBRATION

Calibrator Model	B&K4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources	✓		人声

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	14:04	**Stop Time**	14:34

Readings (Fast Response) **Averaging Period :** **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	43.7	43.4	36.0	4	45.6	46.0	38.2
2	42.5	42.5	36.1	5	40.5	43.4	37.6
3	41.6	42.6	37.9	6	43.1	44.2	38.7

Overall Leq (30 min)	43.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WSY (Name) WSY **Date:** 8/10/2019

Checked By: (Signature) Fai (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1662
Station ID No.	N29

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BE4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources	✓		人聲

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	15:59

Stop Time	16:29

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	50.9	55.5	37.1	4	43.3	46.1	34.8
2	46.7	43.9	36.1	5	40.6	43.6	34.8
3	38.5	40.7	34.2	6	42.2	45.3	34.1

Overall Leq (30 min)	45.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) _____ **Date:** 8/10/2019

Checked By: (Signature) _____ (Name) Fai So **Date:** 8-10-2019

(SF-04A)

AUES **Action-United Environmental Services & Consulting**
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N3a

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note: Do not sample under these conditions*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction
[Direction from which wind originates] (degree)

080

Temperature (°C)

26.3

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Breaking; Mobilization / Cutting; Drilling / Blasting; Excavation / Backfilling; Dredging / Demolition; Concreting / Formwork; Grabbing / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		雀鳥
Other Sources		✓	

Sample	Observation	Sample	Observation
1	雀鳥	4	
2		5	
3		6	

5. RESULTS

Start Time	11:22	**Stop Time**	11:52

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐
Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	72.4	52.2	37.9	4	46.7	47.5	37.5
2	39.6	45.8	36.0	5	47.5	48.4	37.4
3	44.4	47.2	36.4	6	44.2	46.4	36.7

Overall Leq (30 min)	64.7 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI
(Name) WAI
Date: 8/10/2019

Checked By: (Signature) Fai
(Name) Fai So
Date: 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1662
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ081	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals		✓	
Other Sources		✓	

Sample	Observation	Sample	Observation
1		4	
2		5	
3		6	

5. RESULTS

Start Time	11:54

Stop Time	12:24

Readings (Fast Response)

Averaging Period : 5 minutes ☑ 30 minutes ☐

Monitoring Location: 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	45.1	47.3	36.7	4	50.7	52.4	37.6
2	46.7	49.1	36.2	5	47.2	51.5	37.6
3	49.0	51.5	37.5	6	44.5	49.7	36.8

Overall Leq (30 min)	47.7 dB(A)	Average Baseline Level	dB(A)	Corrected Noise Level*	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) _____ (Name) _____ **Date:** 8/10/2019

Checked By: (Signature) _____ (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N39

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	382011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	2802082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	17:18	**Stop Time**	17:48

Readings (Fast Response) **Averaging Period :** 5 minutes ✓ 30 minutes ☐ **Monitoring Location:** 1 meter from façade ☐ Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	80.2	61.4	37.2	4	49.0	52.9	37.7
2	50.1	54.3	37.2	5	50.7	54.4	36.3
3	48.7	51.1	35.9	6	48.0	52.4	36.5

Overall Leq (30 min)	72.4 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WLH

(Name) WLH

Date: 8/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	N-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation						
Construction Activities		✓	Piling / Breaking	Mobilization / Cutting	Drilling / Blasting	Excavation / Backfilling	Dredging / Demolition	Concreting / Formwork	Grabbing / unloading
Facilities Operation		✓							
Road Traffic		✓							
Aircraft		✓							
Animals	✓		N/A						
Other Sources		✓							

Sample	Observation	Sample	Observation
1	N/A	4	
2		5	
3		6	

5. RESULTS

Start Time	9:19	**Stop Time**	9:49

Readings (Fast Response) — **Averaging Period :** 5 minutes ✓ / 30 minutes ☐ — **Monitoring Location:** 1 meter from façade ☐ / Free field ☑*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	65.4	48.9	36.1	4	40.2	43.6	34.5
2	38.5	43.6	34.0	5	42.3	43.2	34.0
3	44.2	44.9	35.6	6	48.1	45.1	34.5

Overall Leq (30 min)	57.8 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By:	(Signature)	WSJ	**Checked By:**	(Signature)	Fai
	(Name)	WSJ		(Name)	Fai Sc
Date:		8/10/2019	**Date:**		8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	AL-52
Equipment No.	EQ011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

Note: Do not sample under these conditions*

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ032	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling / Mobilization / Drilling / Excavation / Dredging / Concreting / Grabbing; Breaking / Cutting / Blasting / Backfilling / Demolition / Formwork / unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	14:46	**Stop Time**	15:16

Readings (Fast Response) **Averaging Period :** **5 minutes** ✓ **30 minutes** ☐ **Monitoring Location:** **1 meter from façade** ☐ **Free field** ☐*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	64.5	47.8	34.8	4	44.2	43.6	34.8
2	47.6	45.6	34.9	5	48.2	46.2	35.6
3	47.2	45.4	33.8	6	46.6	45.6	33.4

Overall Leq (30 min)	47.1 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAT (Name) WAT **Date:** 8/10/2019

Checked By: (Signature) Sa. (Name) Fai So **Date:** 8-10-2019

AUES

Action-United Environmental Services & Consulting
Noise Monitoring (Field Data Sheet)

1. GENERAL

Date	8/10/2019
Project No.	1062
Station ID No.	N4

Time Period	(Day) / Evening / Night
Equipment Name	NL-52
Equipment No.	60011

2. WEATHER

Wind Speed (tick)

Calm (< 1m/s)	✓
Low (1–5 m/s)	
Medium (5–10m/s)	*
High (> 10 m/s)	*

Note:* Do not sample under these conditions

Rainfall (tick)

Nil	✓
Trace (< 1 mm)	
Low (1 - 10 mm)	*
Medium (10 - 50 mm)	*
High (> 50 mm)	*

Wind Direction

[Direction from which wind originates] (degree)

090

Temperature (°C)

26.3

3. CALIBRATION

Calibrator Model	BK4231	Initial Calibration Reading, dB(A)	94.0
Calibrator Serial No	EQ082	Final Calibration Reading, dB(A)	94.0

4. OBSERVED NOISE SOURCES DURING MONITORING (TICK)

Source	YES	NO	Description of Observation
Construction Activities		✓	Piling, Mobilization, Drilling, Excavation, Dredging, Concreting, Grabbing; Breaking, Cutting, Blasting, Backfilling, Demolition, Formwork, unloading
Facilities Operation		✓	
Road Traffic		✓	
Aircraft		✓	
Animals	✓		狗
Other Sources		✓	

Sample	Observation	Sample	Observation
1	狗	4	
2		5	
3		6	

5. RESULTS

Start Time	15:48

Stop Time	15:48

Readings (Fast Response)

Averaging Period : **5 minutes** ☑ **30 minutes** ☐

Monitoring Location: **1 meter from façade** ☐ **Free field** ☒*

Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)	Sample	L_{eq}, dB(A)	L_{10}, dB(A)	L_{90}, dB(A)
1	66.6	48.2	34.7	4	47.3	46.0	33.7
2	51.2	44.3	34.4	5	49.5	47.3	34.9
3	50.4	44.4	33.8	6	50.1	48.5	34.2

Overall Leq (30 min)	59.3 dB(A)	**Average Baseline Level**	dB(A)	**Corrected Noise Level***	dB(A)

* If free field is ticked, 3dB is need to add for correction

Sampled By: (Signature) WAI

(Name) WAI

Date: 8/10/2019

Checked By: (Signature) Fai

(Name) Fai So

Date: 8-10-2019