



Our Ref. : TEEM/TM324/16/007

Date : 15 February 2016

By Hand

Environmental Protection Department
Environmental Assessment Division
Metro Assessment Group
Kowloon Section (2)
27/F Southorn Centre
130 Hennessy Road
Wan Chai
Hong Kong

Attn: Ms. Kwok Wing Chi, Winnie

Dear Madam,



RE: Contract No. SS D505
Environmental Permit No. EP-454/2013
Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-Vehicle
Depot at Yen Ming Road, West Kowloon Reclamation Area
Submission of Environmental Baseline Monitoring Report

We are writing, on behalf of Environmental Permit Holder, Food and Environmental Hygiene Department, to provide four hard copies and one electronic copy of Environmental Baseline Monitoring report for your approval in accordance with Condition 3.3 of EP-454/2013.

Should you have any questions, please do not hesitate to contact the undersigned at (852) 3610 8777 or our Mr. Jason Lau at (852) 3610 8713. Thank you.

Yours faithfully,

For and on behalf of
Telexmax Environmental and Energy Management Limited



Mr Eagle Mo
Managing Director

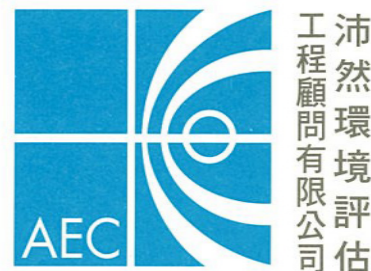
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Encl.

cc. ArchSD – Mr. WAN Kook Piu, Dick (by hand)
FEHD – Ms. May NG (by hand)
PTA – Ms. Clara PANG / Mr. Jess YEUNG (by email)
AEC – Ms. Grace KWOK / Mr. HO Tin Kit (by email)
CRBC – Mr. Vincent CHUNG / Mr. FU Kwok Kwan (by email)

Allied Environmental Consultants Limited
Acousticians & Environmental Engineers

19/F., Kwan Chart Tower, 6 Tonnochy Road, Wan Chai, Hong Kong
Tel.: (852) 2815 7028 Fax: (852) 2815 5399 Email: info@aechk.com



Our Ref: 1330/16-0007

15 February 2016

By Email

**Food and Environmental Hygiene Department
Planning & Development Section**

Room 101,
1/F, New Wan Chai Market
258 Queen's Road East, Wan Chai,
Hong Kong

Attn: Ms. Lorraine Lo

Dear Madam,

**Contract No. SS D505
Environmental Permit No. EP-454/2013
Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-Vehicle
Depot at Yen Ming Road, West Kowloon Reclamation Area
Independent Environmental Checker for Construction Phase
Condition 3.3 – Submission of Baseline Environmental Report (Issue 1)**

I refer to the Baseline Environmental Report (Issue 1) received on 15 February 2016 submitted by Telex Environmental and Energy Management Limited via email. In accordance with Condition 3.3 of Environmental Permit No. EP-454/2013, I hereby verify the captioned report.

Yours faithfully,
For ALLIED ENVIRONMENTAL CONSULTANTS LIMITED

Grace Kwok
Independent Environmental Checker
GK/jn

c.c.		
FEHD	Ms. May NG, ASO(P)4/ Mr. Vincent TAM, CTSO(Ops)2	Email
ArchSD	Mr. Shing-hin SAT, Saadullah, SPM335 / Mr. WAN Koon Piu, Dick, PM342	Email
PTA	Ms. Clara PANG / Mr. Jess YEUNG	Email
TEEM (ET Leader)	Mr. Jason LAU	Email
CRBC (Main Contractor)	Mr. Vincent CHEUNG, Project Manager / Mr. KK FU, Site Agent	Email



Telex Environmental and Energy Management Limited

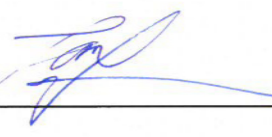
Unit 9-10, 16/F, Shatin Galleria, No. 18-24 Shan Mei Street, Fo Tan, Shatin, N.T., Hong Kong
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FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area

Environmental Baseline Monitoring Report

Prepared by:

Telex Environmental and Energy Management Limited

Prepared by: 
TELEX

15 FEB 2016
Date

Certified by: 
ENVIRONMENTAL TEAM LEADER

15 FEB 2016
Date

Verified by: 
Grace Kwok
INDEPENDENT ENVIRONMENTAL CHECKER

15 FEB 2016
Date





Issue	Date	Prepared by	Checked by	Approved by	Remark
1	1 st Feb 2016	Rena Xu (Assistant Consultant)	Jason Lau (Senior Consultant)	Eagle Mo (Managing Director)	--
2	15 th Feb 2016	Rena Xu (Assistant Consultant)	Jason Lau (Senior Consultant)	Eagle Mo (Managing Director)	Incorporated w/ AEC's comment





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1.0 Executive Summary

- 1.1 China Road and Bridge Corporation (CRBC) has appointed Telemax Environmental and Energy Management Limited (TEEM) to undertake the Baseline Environmental Monitoring for the Project of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot, Yen Ming Road, West Kowloon Reclamation Area (FEHD) from 14 January 2016 to 27 January 2016.
- 1.2 Noise levels at the designated monitoring station were measured continuously for 12 hours (0700 to 1900) for a period of 14 consecutive days. Monitoring data collected was reviewed and analyzed. Details of the locations and results are presented in this report. Baseline noise monitoring were conducted at the noise monitoring stations as specified in the EM&A Manual, including NSR 1 Sir Ellis Kadorie Secondary School (West Kowloon), NSR 7 - Fu Cheong Estate Fu Yun House.
- 1.3 The baseline noise monitoring of FEHD project was conducted during January 2016 when there was no major construction activities of FEHD project. As such, the baseline noise data of FEHD project is considered a suitable reference to be adopted in this monitoring report.



2.0 Introduction

2.1 The Project Proponent is the Food and Environmental Hygiene Department (FEHD) that is responsible for the operation of the Project after completion of construction works. FEHD has appointed China Road and Bridge Corporation (CRBC) as the main contractor of the Project and Telex Environmental and Energy Management Limited (TEEM) was commissioned by CRBC to undertake the Baseline Environmental Monitoring.

2.2 The purpose of the Report is to set out baseline levels for the noise in accordance with the EM&A Manual under EIA Report (AEIAR-177/2013) and Environmental Permit (EP-454-2013). These baseline levels for the noise will be used as the basis for compliance check during the impact monitoring in construction stage of the Project. This Report presents the locations, equipment, period, methodology, results and observations for the noise monitoring, landscape and visual monitoring during the baseline period.

2.3 Baseline noise level measurements were conducted from 14 January 2016 to 27 January 2016, in accordance with the EM&A Manual for the development at Yen Ming Road (the Project).

2.4 The structure of the Report is summarized as follows:

Section 1: Introduction, purpose and the structure of the report

Section 2: Project background information

Section 3: Noise, which describes the baseline noise monitoring

Section 4: Conclusions

3.0 Project Background Information

- 3.1 Provisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area ("the Project"), is located at Yen Ming Road, West Kowloon Reclamation Area (the Site), with a total area of about 8,600 m². The Site falls within an area zoned as "Government, Institution or Community" on the draft South West Kowloon Outline Zoning Plan (OZP) No. S/K20/27 and is designated as "Government" and "Cable / Drainage / WSD / MTRC Reserve" on the draft South West Kowloon (Central Section) Outline Development Plan (ODP) No. D/K20B/D.
- 3.2 EIA Report was approved on 12 November 2013 under the Environmental Impact Assessment Ordinance (EIAO) (Cap. 499). The Environmental Monitoring and Audit Manual (EM&A Manual) of the EIA Report requires a baseline noise monitoring to be implemented before the commencement of construction works.

4.0 Baseline Noise Monitoring

Monitoring Requirements

- 4.1 In accordance with the EM&A Manual, baseline monitoring shall be carried out daily for a period of at least 14 consecutive days at the designated monitoring stations. The noise levels shall be measured in terms of the A-weighted equivalent continuous sound pressure level (Leq)

Monitoring Methodology

- 4.2 In accordance with the EM&A Manual, baseline monitoring shall be carried out daily for a period of at least 14 consecutive days from 14 January 2016 to 27 January 2016 at the designated monitoring stations. The noise levels shall be measure the noise level in terms of LAeq (30mins) once a day between 07:00 and 19:00 for 14 consecutive days before construction commencement. L10 and L90 data will also be recorded, if necessary.
- 4.3 There should not be any construction activities in the vicinity of the monitoring stations during the baseline monitoring. Any non-project related construction activities in the vicinity of the monitoring stations during the baseline monitoring should be noted and the source and location of such activities should be recorded.
- 4.4 Field Monitoring shall be carried out as follow:
- The monitoring station was set at a point 1m from the exterior of the sensitive receivers building façade and set at a position 1.2m above the ground.
 - The battery condition was checked to ensure good functioning of the meter.
 - Parameters such as frequency weighting, the time weighting and the measurement time will set as follows:
 - frequency weighting: A
 - time weighting: Fast
 - measurement time: Daily between 07:00 and 19:00 hrs



- Prior to and after noise measurement, the meter shall be calibrated by using the Acoustic Calibrator with a sound level of 94 dB at 1000 Hz before and after each noise measurement. If the difference in the calibration level before and after measurement was more than 1.0 dB, the measurement would be considered invalid and repeat of noise measurement would be required after recalibration or repairing of the equipment.
- The wind speed at the monitoring station shall be checked with the portable wind meter.
- Noise monitoring should be cancelled in the presence of fog, rain, and wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s.
- Noise measurement should be paused during periods of high intrusive noise if possible and observation shall be recorded when intrusive noise is not avoided.
- At the end of the monitoring period, the Leq, L10 and L90 shall be recorded. In addition, site conditions and noise sources should be recorded on a standard record sheet.

Types of Equipment Used and Calibration Details

Monitoring Equipment

- 4.5 As referred to the requirements of the Technical Memorandum (TM) issued under the Noise Control Ordinance (NCO), the sound level meters in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804:1985 (Type 1) specifications should be followed for conducting the noise monitoring.
- 4.6 Sound level calibrators were used for the on-site calibration of the meter. This calibrator complies with the IEC Publication 942 (1988) Class 1 and ANSI S1.40 - 1984. Noise measurements were only accepted to be valid if the calibration levels from before and after the measurement agree to within 1.0dB.
- 4.7 Measurements shall be recorded to the nearest 0.1dB. This noise monitors are programmed to measure A-weighted equivalent continuous sound pressure level at 30-minute intervals on normal weekdays and at 5-minute interval during other time periods. The noise measurement shall be conducted continuously throughout the measurement period between 07:00 and 19:00 hrs during daytime for 14 consecutive days.
- 4.8 Table 4.1 summarizes the noise monitoring equipment model being used for this project. Copies of the calibration certificates for the sound level meter and calibrator was attached in **Appendix C**.

Table 4.1 Noise Monitoring Equipment

Item	Equipment	Model Number	Serial Number
1	Integrating Sound Level Meter	AWA5661	301134
2	Integrating Sound Level Meter	AWA5661	301135
3	Calibrator	Pulsar 101	028358

4.9 Maintenance and calibration procedures are as follows:

- The microphone head of the sound level meter and calibrator should be cleaned with a soft cloth at quarterly intervals.
- The sound level meter and calibrator should be calibrated annually.

4.10 Current calibration certificates with name of laboratory are attached in **Appendix C**.

Parameters Monitored

4.11 In accordance with the EM&A Manual, baseline noise for the A-weighted levels L_{eq} , L_{10} and L_{90} was recorded. Data obtained from the baseline noise monitoring was processed and presented according to the following periods:

- Daytime: 07:00-19:00 hrs on normal weekdays
- Holiday-time: 07:00-19:00 hrs on holidays

Monitoring Locations

4.12 The sound level meter was mounted 1m from the exterior of the sensitive receivers building facade and be at a position 1.2m above the ground. Façade measurement was conducted in two designated monitoring locations (NSR1 and NSR7). Table 4.2 gives the location of the monitoring station during the baseline noise monitoring, and is also shown in **Appendix B**.

Table 4.2 Noise Monitoring Locations

NSR ID	Location	NSR Type
NSR1	Sir Ellis Kadorie Secondary School (West Kowloon)	Educational Premises
NSR7	Fu Cheong Estate Fu Yuen House	Residential Premises



Seeking Permission from Premises Owner for Setting Up Monitoring Station

- 4.13 Initially, baseline noise monitoring was proposed to be conducted at the noise monitoring stations as specified in the EM&A Manual, including NSR 1, Sir Ellis Kadorie Secondary School and NSR 7, Fu Cheong Estate Fu Yuen House.
- 4.14 In January 2016, Property Management Office of both Sir Ellis Kadorie Secondary School and The Fu Cheing Estate Fu Yuen House were approached to request for baseline noise monitoring to be carried out at their premises. Property owners allowed the set up of monitoring equipment within their premises.
- 4.15 **Table 4.3** summarizes the types of measurement undertaken for each monitoring stations.

Table 4.3 Type of Measurement

Monitoring Station	Measurement Type
NSR 1 - Sir Ellis Kadorie Secondary School (West Kowloon)	Facade measurement
NSR 7 - Fu Cheong Estate Fu Yuen House	Facade measurement

Monitoring Date, Time, Frequency and Duration

4.16 **Table 4.4** presents the noise monitoring parameters and frequencies.

Table 4.4 Monitoring Parameter and Frequencies of Noise Monitoring

Monitoring Stations	Parameter	Frequency and Period
NSR 1 & NSR 7	LA _{eq} (30 min) (L ₁₀ and L ₉₀ were also recorded as supplementary information)	Continuously throughout the measurement period for 14 consecutive days Measurement Period: Daytime: 0700-1900 hrs on normal weekdays

4.17 The environmental monitoring schedule is shown in **Table 4.5**.



Table 4.5 Monitoring Schedule

Baseline Monitoring Schedule (January 2016)

January 2016						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	15 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	16 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
17 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	18 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	19 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	20 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	21 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	22 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	23 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900
24 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	25 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	26 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	27 BN - NSR 1 & NSR 7 NSR 1: 0700 -1900 NSR 7: 0700 -1900	28	29	30
31						

Remarks: BN –Noise Baseline Monitoring

NSR 1 –Sir Ellis Kadorie Secondary School (West Kowloon)

NSR 7 - Fu Cheong Estate Fu Yuen House



Baseline Monitoring Observations

4.18 According to the on-site observation, the influencing factor in the vicinity of the monitoring stations was recorded. A summary of the weather and influencing factors for baseline monitoring works is given below:

Table 3.6 Summary of the Weather and influencing Factor for Baseline Monitoring Works

Monitoring Stations	Date														Influencing Factors And Major Activities
NSR 1	January 2016														Road traffic noise
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
	☀	☁	☁	☁	☁	☁	☁	☀	☁	☀	☀	☁	☀	☁	
NSR 7	January 2016														Road traffic noise
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
	☀	☁	☁	☁	☁	☁	☁	☀	☁	☀	☀	☁	☀	☁	

Remarks

Sunny	☀
Fine	☀
Cloudy	☁
Rainy	☔
Sunday	☔

Quality Assurance (QA) Quality Control (QC) Results and Detection Limits

4.19 The sound level meter and calibrator were calibrated annually. Current calibration certificates are attached in Appendix C.

Results

- 4.20 Baseline noise monitoring was conducted at the monitoring station in the period between 14 January 2016 and 27 January 2016 when there was no major construction activities of FEHD project, the baseline data of FEHD project is therefore considered a suitable reference to be adopted in this monitoring report. The weather during the baseline monitoring period was fine or cloudy. Occasional rain was observed but it was either out of the monitoring period or not at the monitoring locations. In order not to create extra disturbances to the normal operation of the residents at NSR 7, slight deviation in monitoring location (within 2m) was required. Similarly, monitoring location of NSR 1 was slightly changed when required. During evening time, the school was closed and thus the monitoring location was moved to the entrance.
- 4.21 As revealed from the monitoring results, baseline noise levels for daytime (0700-1900) during normal weekdays at the NSR1 and NSR7 range from 57.2-73.5 dB(A) and 55.9-76.1 dB(A) respectively. Mean Leq (30min) for NSR 1 and 7 are 64.2dB(A) and 64.1dB(A), respectively. They are substantially lower than the limit levels of 70dB(A) and 75dB(A). Very occasionally, when there were sports activities at school, noise level at NSR1 is relatively higher and there were several time slots with exceeding noise levels. Similarly, when there were construction activities of another nearby construction site, noise levels at NSR2 appeared slightly higher. In general, the slight exceedances do not contribute to significant variation of the overall baseline monitoring. Results of L10 and L90 were also obtained for references and it can be observed that there were no significantly abnormal fluctuations. The several slight exceedances of L10 results were mainly due to the abovementioned sports events and nearby construction activities.
- 4.22 The baseline noise monitoring data at NSR1 and NSR7 are in **Appendix D**. The graphical presentation of data measured at the two monitoring locations is shown in **Appendix E**.

Table 4.7 Summary of Noise Monitoring Results

Daytime 0700-1900 hrs	Range of Noise Level, dB(A)								
	Leq (30min)			L10			L90		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
NSR 1	64.2	73.5	57.2	70.1	81.3	60.3	62.1	69.7	55.6
NSR 7	64.1	76.1	55.9	69.5	81.7	58.0	61.9	68.8	55.6

Action and Limit Levels

4.23 The Action and Limit Levels are shown in the following table. The Event and Action Plan for Construction Noise is given in **Table 4.8**.

Table 4.8 Action and Limit Levels of Noise

Time Period	Action Level	NSR ID	Limit Level
0700-1900	When one complaint is received.	NSR 1	70dB(A) for school and 65dB during examination period.
		NSR 7	75dB(A) for residential premises



Table 4.9 Event and Action Plan for Construction Noise Monitoring

Event	Action			
	ET	IEC	Architect's Representative	Contractor
Action Level	<ol style="list-style-type: none"> 1. Notify the IEC and Contractor. 2. Carry out investigation. 3. Report the results of investigation to the IEC and Contractor. 4. Discuss with the Contractor and formulate remedial measures. 5. Increase monitoring frequency to check mitigation effectiveness. 	<ol style="list-style-type: none"> 1. Review the analysed results submitted by the ET. 2. Review the proposed remedial measures by the Contractor and advise the Architect's Representative accordingly. 3. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures for the analysed noise problem. 4. Ensure remedial measures are properly implemented. 	<ol style="list-style-type: none"> 1. Submit noise mitigation proposals to the IEC. 2. Implement noise mitigation proposals.
Limit Level	<ol style="list-style-type: none"> 1. Notify the IEC, Architect's Representative, EPD and Contractor. 2. Identify sources. 3. Repeat measurements to confirm findings. 4. Increase monitoring frequency. 5. Carry out analysis of the Contractor's working procedures to determine possible mitigation to be implemented. 6. Inform the IEC, Architect's Representative and EPD the causes and action taken for the exceedances. 7. Assess the effectiveness of the Contractor's remedial action and keep the IEC, EPD and Architect's Representative informed of the results. 8. If exceedance stops, cease additional monitoring 	<ol style="list-style-type: none"> 1. Discuss amongst the Architect's Representative, ET and Contractor on the potential remedial action. 2. Review the Contractor's remedial action whenever necessary to assure their effectiveness and advise the Architect's Representative accordingly. 3. Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing. 2. Notify the Contractor. 3. Require the Contractor to propose remedial measures for the analysed noise problem. 4. Ensure remedial measures are properly implemented. 5. If exceedance continues, consider what portion of work is responsible and instruct the Contractor to stop that portion of works until the exceedance is abated. 	<ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance. 2. Submit proposals for remedial action to the IEC within 3 working days of notification. 3. Implement the agreed proposals. 4. Resubmit proposals if problems still not under control. 5. Stop the relevant portion of works as determined by the Architect's Representative until the exceedance is abated.

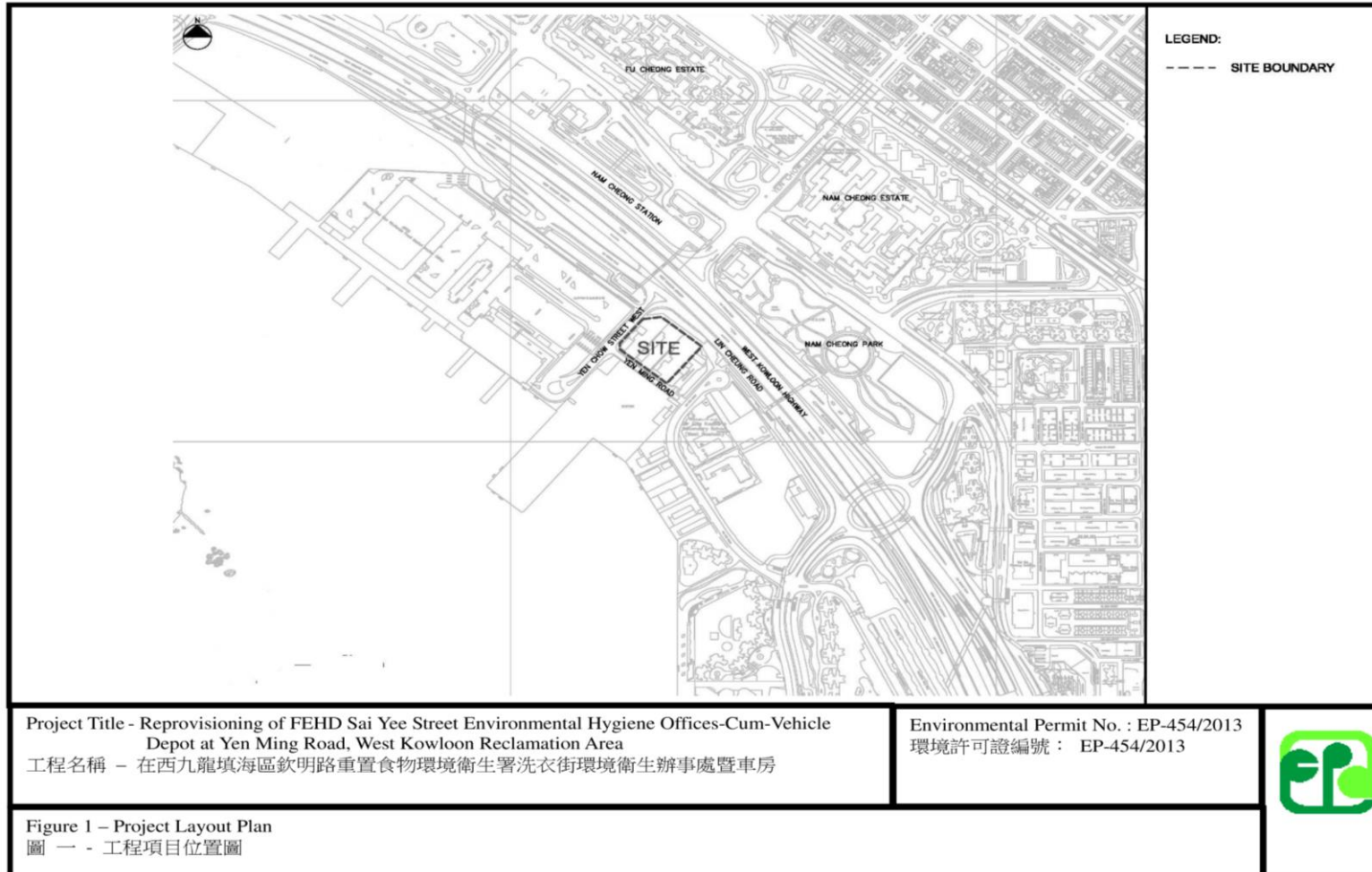


5.0 Conclusion

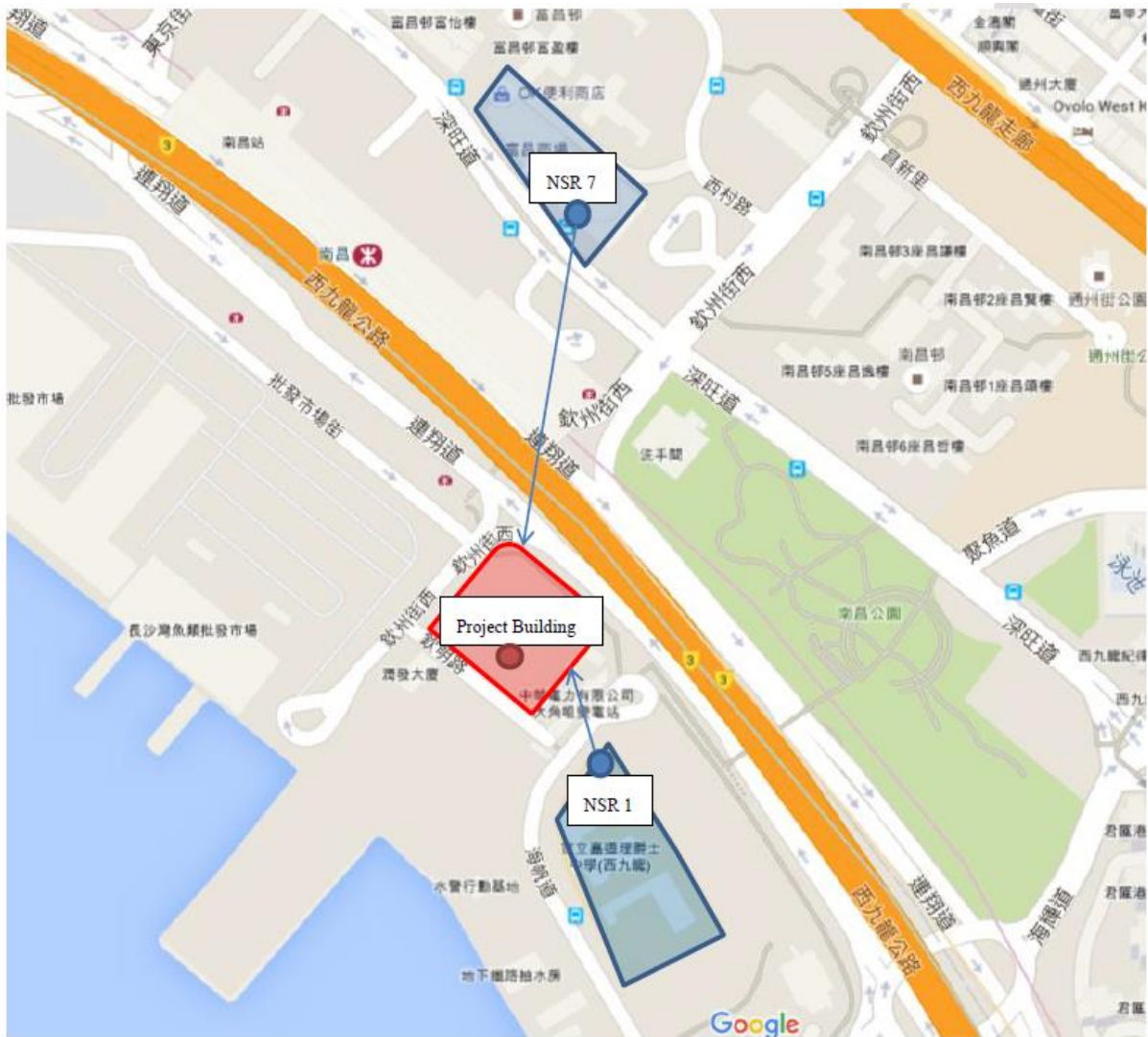
- 5.1 The baseline environmental monitoring for the Project was conducted from 14 January 2016 to 27 January 2016. The baseline monitoring results were used to determine the appropriate Action and Limit Levels with the Limit Levels set against statutory or otherwise agreed limit.
- 5.2 The baseline noise monitoring were carried out in accordance with the EM&A manual requirements, in respect of the methodology, equipment, locations and monitoring parameters.
- 5.3 Baseline noise monitoring was conducted at two designated monitoring stations (NSR1 and NSR7). As recaptured from Section 4.21, baseline noise levels of NSR1 and NSR7 are 64.2 dB(A) and 64.1 dB(A), respectively. These data shall be used as reference for future impact monitoring and corresponding limits setting. With no abnormal deviations observed from all Leq, L10 and L90 results, the baseline noise monitoring results for NSR1 and NSR7 are considered representative to the ambient condition of the respective sensitive receivers.
- 5.4 The major noise source at all monitoring stations during the baseline monitoring were the traffic and human activities. The baseline monitoring results are considered representative to the ambient noise level.
- 5.5 In conclusion, the Contractor is advised to be aware of any site practice that may give rise of significant pollution to the existing environment. Implementation of necessary remedial measures should be instigated to rectify the potential impact on sensitive receivers located in the vicinity of the construction area.



Appendix A Project Layout



Appendix B Location of the Baseline Monitoring Stations



- = Project building
- = Noise Sensitive Receiver (NSRs) location

Remarks: All the monitoring points shall be facing the project building

Appendix C Certificates for Noise Monitoring Meter and Calibrator

中航工业		深圳中航技术检测所 SHENZHEN METROLOGY & MEASUREMENT INSTITUTE OF AVIC 中国航空工业深圳特区计量测试站 SHENZHEN METROLOGY & MEASUREMENT STATION OF CHINA AVIATION INDUSTRY 国防科技工业第一计量测试研究中心深圳计量检测站 SHENZHEN METROLOGY & MEASUREMENT STATION OF CIMM			
<h1>校准证书</h1> <h2>CALIBRATION CERTIFICATE</h2>					
证书编号 Certificate No.	LX15022785156		 LX15022785156		
委托单位 Client	上峰检测认证有限公司				
地址 Address	香港新界荃湾沙咀道66A号豪力中心19楼1905室				
器具名称 Description	声级计/Sound level meter				
器具用途 Usage	/				
规格型号 Model/Type	AWA5661				
制造单位 Manufacturer	杭州爱华仪器有限公司				
器具编号 Serial No.	301134				
结论 Conclusion	见校准结果/Calibration				
(证书专用章)		批准人 Approved by	 邵泮沉		
		审核员 Checked by	 邵泮沉		
		校准员 Calibrated by	 李威锦		
委托日期 Received Date	2015 年 11 月 23 日 Year Month Day	 ZH1504952-003			
校准日期 Calibration Date	2015 年 11 月 23 日 Year Month Day				
计量校准机构备案号: [2013]粤量校S007号 地址: 广东省深圳市福田区车公庙泰然四路劲松大厦9A、9B、1B ADD: 9A-9B-1B, Jingsong Building, Tairan 4th Road, Chegongmiao, Futian District, Shenzhen, Guangdong, China 电话 (TEL): 0755-83890620 83890591 传真 (FAX): 0755-83890704 邮政编码 (POST NO.): 518040 网址: http://www.szcctci.com E-mail: market@szcctci.com a83890591@126.com					
第 1 页 共 4 页 Page 1 of 4					

说明

Directions

1. 深圳中航技术检测所是国家法定计量检定机构, 其管理体系按照JJF 1069-2012法定计量机构考核规范、ISO/IEC 17025:2005和CNAS相关要求运行。The laboratory is the Service of Legal Metrological Verification. The laboratory has implemented management system in accordance with JJF 1069-2012 Rules for the Examination of the Service of Legal Metrological Verification, ISO/IEC 17025:2005 and CNAS related requirements.
2. 本次测量结果仅对被测件有效, 所出具的数据均可溯源到国家或国际计量基准。
The measurement results relate only to the unit under test. All data issued by the laboratory are traceable to the national or international primary standards of measurement.
3. 测量结果所陈述的测量不确定度为包含因子k=2的扩展不确定度, 当不报告测量不确定度时, 表示测量标准的不确定度小于被测量误差极限的1/3。
The uncertainty reported in this document is the expanded uncertainty with a coverage factor k=2, when no uncertainty reported, the test uncertainty ratio (TUR) is less 1/3.
4. 测量结果未给出与被测件运输、使用等有关的不确定度; 如需要, 由用户考虑。
The quoted uncertainty does not include the uncertainty introduced by use and transport of the calibrated items.
5. 未经本所书面批准, 不得部分复制此证书。
This certificate shall not be reproduced without the written approval of the issuing laboratory except in full.
6. 对本次测量若有异议, 委托方应于收到被测件之日起十五日内向本所提出。
If there is any objection concerning the measurement, the client should inform the issuing laboratory within 15 days from the date of the unit under test return to the client.
7. 本次测量的技术依据(Reference documents for the measurement):
JJG188-2002《声级计检定规程》JJG188-2002《V.R. of Sound Level Meters》(JJG188-2002《V.R. of Sound Level Meters》)

8. 地点及环境条件(Place and environmental condition):

地点(Place)	温度(Temperature)	相对湿度(Relative Humidity)
本所/Lab	22.0 °C	60 %

9. 本次测量所使用的主要计量标准器具(Major standards of measurement used in the measurement):

器具名称 Description	编号 Serial No.	有效期 Due Date	计量特性 Metrological Characteristic
可变阻抗衰减器	230060	2016-04-03	U=0.20dB (k=2)
AUDIO CALIBRATOR声校准器	2292007	2016-11-04	1级
MICROPHONE传声器	2172118	2016-11-04	U=0.3dB (k=2)
函数信号发生器	430778	2015-12-01	MPE: ±5E-6
猝发音发生器	123249	2016-05-09	频率MPE: ±0.1% 衰减MPE: ±0.4dB
测量放大器	123220	2016-06-29	U=0.20dB (k=2)

深圳中航技术检测所

证书编号/Certificate NO.: LX15022785156

1、外观及功能正常性检查/Appearance and function check: 正常/Pass。

2、声级计指示声级/Level Calibration:

校准前示值/Indication before Calibrated: 94.0dB

校准后示值/Indication After Adjusted: 94.0dB

3、频率计权/Frequency weightings:

标称频率 Nominal frequency (Hz)	允许下限 Lower Limit (dB)	A计权 A-weighting (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
31.5	-42.9	-39.6	-35.9	合格/Pass
63	-28.7	-26.3	-23.7	合格/Pass
125	-18.1	-16.2	-14.1	合格/Pass
250	-10.5	-8.4	-6.7	合格/Pass
500	-5.1	-3.1	-1.3	合格/Pass
1000 (ref.)	-1.4	0.0	+1.4	合格/Pass
2000	-1.4	+1.1	+3.8	合格/Pass
4000	-2.5	+0.9	+4.6	合格/Pass

标称频率 Nominal frequency (Hz)	允许下限 Lower Limit (dB)	C计权 C-weighting (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
31.5	-6.5	-3.0	+0.5	合格/Pass
63	-3.3	-0.9	+1.7	合格/Pass
125	-2.2	-0.4	+1.8	合格/Pass
250	-1.9	-0.2	+1.9	合格/Pass
500	-1.9	-0.1	+1.9	合格/Pass
1000 (ref.)	-1.4	0.0	+1.4	合格/Pass
2000	-2.8	-0.2	+2.4	合格/Pass
4000	-4.4	-0.8	+2.8	合格/Pass

4、级线性(参考频率 1kHz)/Level linearity error(Reference frequency 1kHz) :

4.1、级程变化误差(量程40dB-100dB; 参考频率: 1000Hz) :

Level Change Error (Range40dB~100dB;Reference frequency:1000Hz)



深圳中航技术检测所

证书编号/Certificate NO.: LX15022785156






标称值 Nominal Value (dB)	允许下限 Lower Limit (dB)	误差 Error (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
40	-1.0	+0.2	+1.0	合格/Pass
50	-1.0	+0.2	+1.0	合格/Pass
60	-1.0	+0.1	+1.0	合格/Pass
70	-1.0	+0.1	+1.0	合格/Pass
80	-1.0	0.0	+1.0	合格/Pass
90 (ref.)	-----	0.0	-----	-----
100	-1.0	0.0	+1.0	合格/Pass

- 附注:
- ◇ 关于测量结果不确定度的说明:
 - ◇ Directions of uncertainty in the calibration
 - 1. 依据文件: JJF1059.1-2012测量不确定度评定与表示;
 - 1. According to
JJF1059.1-2012 Evaluation and Expression of Uncertainty in Measurement;
 - 2. 本次测量结果的扩展不确定度/Expanded uncertainty of measured results: $U=0.4\text{dB}\sim 1.0\text{dB}$ ($k=2$)
 - ◇ 技术要求参照同类产品给出;
 - ◇ MPE according related user manual;
 - ◇ 参考IEC61672-1-2002标准/Reference standard: IEC61672-1-2002
 - ◇ 溯源计量标准信息/Measurement Standard:
电声标准装置 [2013]深量标深企证字第045号 有效期: 2017-02-04
Electro-acoustic Measurement Standard
 - ◇ 建议下次送校日期/Due to data: 2016-11-22

以下空白/End of data





 中航工业		深圳中航技术检测所 SHENZHEN METROLOGY & MEASUREMENT INSTITUTE OF AVIC 中国航空工业深圳特区计量测试站 SHENZHEN METROLOGY & MEASUREMENT STATION OF CHINA AVIATION INDUSTRY 国防科技工业第一计量测试研究中心深圳计量检测站 SHENZHEN METROLOGY & MEASUREMENT STATION OF CIMM		 	
<h1>校准证书</h1> <h2>CALIBRATION CERTIFICATE</h2>					
证书编号 Certificate No.	LX15022784156		 LX15022784156		
委托单位 Client	上峰检测认证有限公司				
地址 Address	香港新界荃湾沙咀道66A号豪力中心19楼1905室				
器具名称 Description	声级计/Sound level meter				
器具用途 Usage	/				
规格型号 Model/Type	AWA5661				
制造单位 Manufacturer	杭州爱华仪器有限公司				
器具编号 Serial No.	301135				
结论 Conclusion	见校准结果/Calibration				
(证书专用章)		批准人 Approved by	邵洁沉 邵洁沉		
		审核员 Checked by	邵洁沉 邵洁沉		
		校准员 Calibrated by	李威锦 李威锦		
委托日期 Received Date	2015 年	11 月	23 日	 ZH1504952-002	
校准日期 Calibration Date	2015 年	11 月	23 日		
计量校准机构备案号: [2013]粤量校S007号 地址: 广东省深圳市福田区车公庙泰然四路劲松大厦9A、9B、1B ADD: 9A-9B-1B, Jingsong Building, Tairan 4th Road, Chegongmiao, Futian District, Shenzhen, Guangdong, China 电话 (TEL): 0755-83890620 83890591 传真 (FAX): 0755-83890704 邮政编码 (POST NO.): 518040 网址: http://www.szcatci.com E-mail: market@szcatci.com a83890591@126.com					
第 1 页 共 4 页 Page 1 of 4					



说明

Directions

- 深圳中航技术检测所是国家法定计量检定机构,其管理体系按照JJF 1069-2012法定计量机构考核规范、ISO/IEC 17025:2005和CNAS相关要求运行。The laboratory is the Service of Legal Metrological Verification. The laboratory has implemented management system in accordance with JJF 1069-2012 Rules for the Examination of the Service of Legal Metrological Verification, ISO/IEC 17025:2005 and CNAS related requirements.
- 本次测量结果仅对被测件有效,所出具的数据均可溯源到国家或国际计量基准。
The measurement results relate only to the unit under test. All data issued by the laboratory are traceable to the national or international primary standards of measurement.
- 测量结果所陈述的测量不确定度为包含因子k=2的扩展不确定度,当不报告测量不确定度时,表示测量标准的不确定度小于被测量误差极限的1/3。
The uncertainty reported in this document is the expanded uncertainty with a coverage factor k=2, when no uncertainty reported, the test uncertainty ratio (TUR) is less 1/3.
- 测量结果未给出与被测件运输、使用等有关的不确定度;如需要,由用户考虑。
The quoted uncertainty does not include the uncertainty introduced by use and transport of the calibrated items.
- 未经本所书面批准,不得部分复制此证书。
This certificate shall not be reproduced without the written approval of the issuing laboratory except in full.
- 对本次测量若有异议,委托方应于收到被测件之日起十五日内向本所提出。
If there is any objection concerning the measurement, the client should inform the issuing laboratory within 15 days from the date of the unit under test return to the client.
- 本次测量的技术依据(Reference documents for the measurement):
JJG188-2002《声级计检定规程》JJG188-2002《V.R. of Sound Level Meters》(JJG188-2002《V.R. of Sound Level Meters》)
- 地点及环境条件(Place and environmental condition):

地点(Place)	温度(Temperature)	相对湿度(Relative Humidity)
本所/Lab	22.0 °C	60 %

- 本次测量所使用的主要计量标准器具(Major standards of measurement used in the measurement):

器具名称 Description	编号 Serial No.	有效期 Due Date	计量特性 Metrological Characteristic
可变阻抗衰减器	230060	2016-04-03	U=0.20dB (k=2)
AUDIO CALIBRATOR声校准器	2292007	2016-11-04	1级
MICROPHONE传声器	2172118	2016-11-04	U=0.3dB (k=2)
函数信号发生器	430778	2015-12-01	MPE: ±5E-6
猝发音发生器	123249	2016-05-09	频率MPE: ±0.1% 衰减MPE: ±0.4dB
测量放大器	123220	2016-06-29	U=0.20dB (k=2)

深圳中航技术检测所

证书编号/Certificate NO.: LX15022784156

1、外观及功能正常性检查/Appearance and function check: 正常/Pass。

2、声级计指示声级/Level Calibration:

校准前示值/Indication before Calibrated: 94.0dB

校准后示值/Indication After Adjusted: 94.0dB

3、频率计权/Frequency weightings:

标称频率 Nominal frequency (Hz)	允许下限 Lower Limit (dB)	A计权 A-weighting (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
31.5	-42.9	-39.7	-35.9	合格/Pass
63	-28.7	-26.3	-23.7	合格/Pass
125	-18.1	-15.9	-14.1	合格/Pass
250	-10.5	-8.6	-6.7	合格/Pass
500	-5.1	-3.1	-1.3	合格/Pass
1000 (ref.)	-1.4	0.0	+1.4	合格/Pass
2000	-1.4	+1.1	+3.8	合格/Pass
4000	-2.5	+1.2	+4.6	合格/Pass

标称频率 Nominal frequency (Hz)	允许下限 Lower Limit (dB)	C计权 C-weighting (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
31.5	-6.5	-3.0	+0.5	合格/Pass
63	-3.3	-0.8	+1.7	合格/Pass
125	-2.2	-0.3	+1.8	合格/Pass
250	-1.9	-0.2	+1.9	合格/Pass
500	-1.9	-0.1	+1.9	合格/Pass
1000 (ref.)	-1.4	0.0	+1.4	合格/Pass
2000	-2.8	-0.1	+2.4	合格/Pass
4000	-4.4	-0.9	+2.8	合格/Pass

4、级线性(参考频率 1kHz)/Level linearity error(Reference frequency 1kHz) :

4.1、级程变化误差 (量程40dB-100dB; 参考频率: 1000Hz) :

Level Change Error (Range40dB~100dB;Reference frequency:1000Hz)



深圳中航技术检测所

证书编号/Certificate NO.: LX15022784156

标称值 Nominal Value (dB)	允许下限 Lower Limit (dB)	误差 Error (dB)	允许上限 Upper Limit (dB)	结论 Fail/Pass
40	-1.0	+0.1	+1.0	合格/Pass
50	-1.0	+0.2	+1.0	合格/Pass
60	-1.0	+0.2	+1.0	合格/Pass
70	-1.0	+0.2	+1.0	合格/Pass
80	-1.0	0.0	+1.0	合格/Pass
90 (ref.)	-----	0.0	-----	-----
100	-1.0	-0.1	+1.0	合格/Pass

- 附注:
- ◇ 关于测量结果不确定度的说明:
 - ◇ Directions of uncertainty in the calibration
 - 1. 依据文件: JJF1059.1-2012测量不确定度评定与表示;
 - 1. According to
 - JJF1059.1-2012 Evaluation and Expression of Uncertainty in Measurement;
 - 2. 本次测量结果的扩展不确定度/Expanded uncertainty of measured results: $U=0.4\text{dB}\sim 1.0\text{dB}$ ($k=2$)
 - ◇ 技术要求参照同类产品给出;
 - ◇ MPE according related user manual;
 - ◇ 参考IEC61672-1-2002标准/Reference standard: IEC61672-1-2002
 - ◇ 溯源计量标准信息/Measurement Standard:
 - 电声标准装置 [2013]深量标深企证字第045号 有效期: 2017-02-04
 - Electro-acoustic Measurement Standard
 - ◇ 建议下次送校日期/Due to data: 2016-11-22

以下空白/End of data





**华南国家计量测试中心
广东省计量科学研究所**
SOUTH CHINA NATIONAL CENTER OF METROLOGY
GUANGDONG INSTITUTE OF METROLOGY



校准证书

CALIBRATION CERTIFICATE

证书编号 SSS201504817
Certificate No.

第 1 页, 共 4 页
Page of

委托方 Apex Testing & Certification Ltd 上峰检测认证
Client 有限公司

委托方地址 Room 1905, 19/F Ho Lik Centre, 66A Sha Tsui
Add. of Client Road, Tsuen Wan, New Territories, H. K.

计量器具名称 Sound Level Calibrator
Description

型号规格 101
Model/Type

制造厂 Pulsar
Manufacturer

出厂编号 028358
Serial No.

设备编号 _____
Equipment No.

接收日期 2015 年 08 月 03 日
Date of Receipt Y M D

结论 符合JJG 176-2005中1级技术要求
Conclusion

校准日期 2015 年 08 月 04 日
Date of Calibration Y M D

批准人 Approved Signatory 李敏江
核 验 Checked by 杨纯琳
校 准 Calibrated by 何卓璇

证书专用章
Stamp



本中心地址: 中国广州市广园中路松柏东街30号 邮政编码: 510405
电话: (8620)86594172 传真: (8620)86590743 投诉电话: (8620)26296063 E-mail: scm@scm.com.cn
Add: No.30, Songbaidong Street, Guangyuanzhong Road, Guangzhou, P. R. China
Post Code: 510405 Tel: (8620)86594172 Fax: (8620)86590743 Complaint Tel: (8620)26296063
证书真伪查询: www.scm.com.cn; www.mtsp.com Certificate AuthenticityIdentify: www.scm.com.cn; www.mtsp.com

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华南国家计量测试中心
广东省计量科学研究院
SOUTH CHINA NATIONAL CENTER OF METROLOGY
GUANGDONG INSTITUTE OF METROLOGY



说 明

证书编号 SSD201504817
Certificate No.

DIRECTIONS

第 2 页, 共 4 页
Page of

1. 本中心是国家质量监督检验检疫总局在华南地区设立的国家法定计量检定机构, 计量授权证书号是: (国) 法计 (2012) 01043号、(国) 法计 (2012) 01032号。本中心质量管理体系符合 ISO/IEC 17025:2005 标准的要求。

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (AQSIQ) under authorization certificates No.(2012)01043 & (2012)01032. The quality system is in accordance with ISO/IEC 17025:2005.

2. 本中心所出具的数据均可溯源至国家计量基准和国际单位制(SI)。

All data issued by this laboratory are traceable to national primary standards and International System of Units (SI).

3. 本次校准的技术依据:

Reference documents for the calibration:

JJG 176-2005 声校准器检定规程 V. R. of Sound Calibrators

4. 本次校准所使用的主要计量标准器具:

Major standards of measurement used in the calibration:

设备名称/型号 Name of Equipment /Model	编号 Serial No.	证书号/有效期 Certificate No. /Due Date	计量特性 Metrological Characteristic
测量放大器 Measuring Amplifier /2636	2160821	SSD201500612 /2016-01-27	1 级 Grade 1
声校准器 Sound Calibrator /4231	2713562	SSD201503065 /2016-05-25	1 级 Grade 1

5. 校准地点、环境条件:

Place and environmental conditions of the calibration:

地点 声学/振动实验室 Acoustics/Vibration Lab. 温度 (23±3) °C 相对湿度 (50~60) %
Place Temperature R.H.

6. 被校准仪器限制使用条件:

Limiting condition of the instrument calibrated:

注: 1. 本证书校准结果只与受校准仪器有关。

2. 未经本机构书面批准, 不得部分复制此证书。

Note: 1. The results relate only to the items calibrated.

2. This certificate shall not be reproduced except in full, without the written approval of our laboratory.



华南国家计量测试中心
广东省计量科学研究院
SOUTH CHINA NATIONAL CENTER OF METROLOGY
GUANGDONG INSTITUTE OF METROLOGY



校准结果 RESULTS OF CALIBRATION

证书编号: SSD201504817
Certification No.

原始记录编号: 2201504817
Record No.

第 3 页, 共 4 页
Page of

1 外观: 合格

Apparent inspection: Pass

2 声压级 (dB): 见表1

Sound Pressure Level: Showed in table 1

表1 Table 1

标称值 (dB) Nominal Value	实测值 (dB) Measured Value	允差 (dB) Tolerance	结论 Conclusion	稳定度 (dB) Stabilization	稳定度允差 (dB) Stabilization Tolerance	结论 Conclusion
94	93.86	±0.40	合格(Pass)	0.01	≤0.10	合格(Pass)
104	103.83	±0.40	合格(Pass)	0.01	≤0.10	合格(Pass)

3 频率: 见表2

Frequency: Showed in table 2

表2 Table 2

标称值 (Hz) Nominal Value	实测值 (Hz) Measured Value	允差 (%) Tolerance	结论 Conclusion
1000	1004.5	±1.0	合格(Pass)

4 总失真: 见表3

Total harmonic distortion: Showed in table 3

表3 Table 3

频率 (Hz) Frequency	声压级 (dB) Sound Pressure Level	总失真 (%) Total Harmonic Distortion	允差 (%) Tolerance	结论 Conclusion
1000	94	1.1	≤3	合格(Pass)
1000	104	1.0	≤3	合格(Pass)



华南国家计量测试中心
广东省计量科学研究院
SOUTH CHINA NATIONAL CENTER OF METROLOGY
GUANGDONG INSTITUTE OF METROLOGY



校准结果 RESULTS OF CALIBRATION

证书编号: SSD201504817
Certification No.

原始记录编号: 2201504817
Record No.

第 4 页, 共 4 页
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说明(Note):

1 测量结果扩展不确定度:

Expanded uncertainty of measurement:

声压级: $U=0.15$ dB, $k=2$

Sound Pressure Level Calibration

频率: $U_{rel}=0.1\%$, $k=2$

Frequency

失真度: $U_{rel}=1.4\%$, $k=2$

Harmonic distortion

(依据JJF 1059.1-2012 测量不确定度评定与表示)

(According to JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

2 建议校准周期不超过1年。

The interval of calibration advised within one year.



Appendix D Baseline Monitoring Data of Noise

Noise Monitoring Record Sheet

Contract No: SS D505
 Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		14/1/2016																								
Monitoring Location		NSR1 (EP)																								
Description of the Location		Sir Ellis Kadoone Sec School																								
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																								
Weather Condition	Status	Fine																								
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00	
Measured Noise Level (dB(A))	L10 dB(A)	62.0	68.2	69.7	79.2	66.2	74.9	74.2	68.9	67.8	73.2	66.2	74.7	74.3	70.5	69.7	74.3	68.4	68.8	66.9	72.7	74.1	74.5	69.3	73.8	74.2
	L90 dB(A)	57.9	59.7	62.7	64.0	62.4	65.8	63.0	62.6	60.5	60.4	62.8	58.1	62.1	63.5	65.9	62.1	61.5	62.9	64.5	65.7	64.0	61.7	65.3	63.7	
	Leq dB(A)	58.3	61.9	64.7	67.5	65.1	68.7	64.7	63.0	63.9	63.3	64.2	60.2	63.4	65.1	68.6	63.4	63.1	63.9	66.6	68.6	66.4	64.5	67.4	68.4	
	L10 (Average)	72.7																								
	L90 (Average)	63.1																								
Noise Limit Level, Leq, (dB(A))		70dB(A)																								
Site Construction Activities		No construction activities																								
Other Noise Sources During Measurement		Human Activities and Vehicle																								

	Name	Signature	Date
Recorded by	Joe Lam		14/1/2016
Checked by	Calvin Lui		14/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505
 Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		14/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	68.0	71.2	71.4	71.4	67.1	70.4	70.2	74.6	74.5	73.0	73.7	74.0	73.9	72.6	73.1	72.7	74.1	68.7	62.4	66.4	61.8	60.8	61.2	62.3
	L90 dB(A)	59.8	60.4	60.4	59.4	59.2	59.8	59.5	65.9	63.9	64.0	63.2	64.4	63.3	64.4	65.1	65.8	65.8	65.2	57.9	58.3	58.2	57.9	57.9	58.1
	Leq dB(A)	62.1	63.6	63.6	62.8	61.1	62.2	61.5	73.4	63.5	76.1	71.3	73.9	73.5	65.4	66.5	67.1	66.9	65.7	58.3	59.3	58.6	58.2	58.4	58.9
	L10 (Average)	71.3																							
	L90 (Average)	62.6																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		14/1/2016
Checked by	Calvin Lui		14/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		15/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	61.3	67.1	65.8	73.9	69.3	67.3	68.8	67.0	70.5	65.5	65.7	70.4	73.7	72.9	74.2	67.4	67.9	72.4	71.0	72.0	71.0	69.1	74.2	70.2
	L90 dB(A)	56.7	59.2	61.6	62.9	63.0	62.7	63.5	61.8	61.3	59.2	59.4	60.3	64.6	64.4	64.9	64.9	62.1	62.8	63.2	64.7	64.6	61.4	62.5	59.8
	Leq dB(A)	57.2	60.1	62.7	65.4	64.6	64.1	65.2	62.7	63.3	60.3	60.4	61.6	66.6	66.6	67.1	65.5	64.3	64.4	64.9	67.2	67.2	64.2	64.8	61.5
	L10 (Average)	70.6																							
	L90 (Average)	62.6																							
		64.5																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		15/1/2016
Checked by	Calvin Lui		15/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		15/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	63.7	62.0	62.2	68.3	69.4	62.3	71.0	72.2	68.6	72.1	67.6	68.1	71.0	72.8	73.8	73.2	68.7	73.1	65.4	69.7	68.5	64.4	66.1	71.1
	L90 dB(A)	58.3	58.5	58.5	59.6	58.9	58.2	63.3	65.0	65.3	63.3	63.3	64.6	68.8	63.7	64.1	62.6	62.2	61.3	60.5	62.0	59.8	59.6	60.0	61.8
	Leq dB(A)	59.5	59.1	59.0	60.5	61.8	58.7	64.1	66.7	66.6	65.1	64.3	65.4	68.0	66.2	65.9	65.2	64.3	64.6	62.9	65.4	62.2	60.5	61.2	63.1
	L10 (Average)	69.8																							
	L90 (Average)	62.7																							
		64.1																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		15/1/2016
Checked by	Calvin Lui		15/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		16/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	74.6	73.9	73.2	67.4	68.7	62.4	63.7	71.0	81.3	73.2	68.5	69.1	74.8	72.5	72.8	70.1	74.1	69.4	68.9	69.8	73.4	72.6	72.6	70.6
	L90 dB(A)	65.9	63.3	64.3	57.6	65.2	57.9	58.3	63.3	66.7	62.6	58.8	61.2	62.1	69.7	59.7	62.6	63.4	63.5	64.2	62.6	62.5	61.7	64.7	60.5
	Leq dB(A)	73.4	73.5	72.2	58.8	65.7	58.3	59.5	64.1	68.1	65.2	62.2	62.9	67.0	64.8	63.9	65.5	66.5	65.5	66.2	64.0	66.0	64.0	67.0	61.5
	L10 (Average)	73.0																							
	L90 (Average)	63.6																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		16/1/2016
Checked by	Calvin Lui		16/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		16/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	74.7	73.6	70.5	70.4	74.2	71.9	70.1	74.6	72.2	69.0	70.7	69.4	72.9	68.8	70.8	68.9	69.8	71.2	60.8	69.6	67.9	71.8	73.4	74.2
	L90 dB(A)	64.9	63.6	62.1	63.6	64.7	63.5	62.6	65.0	61.5	61.9	63.5	63.5	64.2	62.5	63.5	64.2	63.6	63.4	63.7	62.6	61.5	61.9	62.5	63.6
	Leq dB(A)	67.7	67.5	63.4	65.2	68.2	66.3	65.5	68.9	63.9	64.1	66.1	65.5	67.8	64.6	66.1	66.2	65.9	65.5	65.7	64.0	63.3	64.2	66.0	66.4
	L10 (Average)	71.6																							
	L90 (Average)	63.3																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		16/1/2016
Checked by	Calvin Lui		16/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		17/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	64.1	66.0	66.6	74.6	74.4	72.3	70.3	69.8	71.7	72.0	65.6	67.3	74.7	74.4	71.8	69.7	71.4	75.1	68.2	69.7	67.7	67.7	69.4	66.7
	L90 dB(A)	56.5	59.9	60.1	61.8	65.4	62.6	63.1	58.0	56.5	60.5	60.4	60.2	63.6	66.9	66.2	63.1	63.3	61.9	65.8	61.7	62.5	61.0	61.2	59.1
	Leq dB(A)	57.2	61.7	61.2	67.0	69.0	64.9	65.0	61.7	59.3	63.1	62.1	60.2	64.9	71.5	67.9	67.9	65.5	63.6	70.4	63.1	64.8	63.7	65.0	61.6
	L10 (Average)	71.4																							
	L90 (Average)	62.5																							
	Leq (30 min)	65.6																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		17/1/2016
Checked by	Calvin Lui		17/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		17/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.5	65.8	71.6	68.1	72.6	72.4	71.5	72.6	70.5	73.0	70.6	65.7	68.5	58.1	61.3	59.3	58.9	58.0	64.2	73.8	72.9	64.4	66.0	66.5
	L90 dB(A)	61.5	59.4	60.4	59.5	61.7	61.5	64.9	64.7	61.7	61.8	60.5	57.9	57.2	55.6	56.7	56.4	56.4	56.4	57.3	62.3	63.1	57.7	59.9	58.5
	Leq dB(A)	63.8	61.3	63.5	62.1	64.0	64.3	69.5	67.0	63.1	63.6	61.5	59.5	59.4	55.9	57.4	56.9	56.8	56.8	58.5	62.7	63.7	59.0	61.7	60.5
	L10 (Average)	69.8																							
	L90 (Average)	60.5																							
	Leq (30 min)	62.7																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		17/1/2016
Checked by	Calvin Lui		17/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		18/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	61.6	66.7	73.8	70.3	70.0	69.7	69.4	74.5	70.0	68.0	74.6	67.5	72.1	71.4	71.7	70.6	70.5	68.7	70.0	68.5	76.3	72.9	73.0	69.7
	L90 dB(A)	57.4	60.2	64.6	63.1	63.1	64.0	59.4	57.6	56.8	60.9	59.4	62.1	63.9	64.4	64.5	64.5	57.2	64.0	65.7	63.5	64.3	60.0	57.3	61.0
	Leq dB(A)	57.8	61.3	66.1	64.2	64.1	70.1	68.1	73.5	58.0	62.7	63.3	63.1	65.5	66.7	67.3	67.0	59.1	66.3	67.0	64.5	68.2	62.0	59.3	64.0
	L10 (Average)	71.4																							
	L90 (Average)	62.4																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		18/1/2016
Checked by	Calvin Lui		18/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		18/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.7	68.0	66.6	63.6	72.5	71.7	70.6	74.4	60.8	66.5	73.1	72.3	73.7	73.2	70.3	70.9	72.9	65.4	73.6	73.7	71.7	65.6	68.4	71.8
	L90 dB(A)	60.5	63.3	59.9	60.1	63.5	64.2	63.7	65.4	62.3	61.0	62.4	62.6	64.3	64.8	63.0	62.4	63.6	61.4	64.8	64.6	62.0	59.9	60.2	60.5
	Leq dB(A)	64.9	65.0	61.2	61.0	68.6	68.2	66.4	69.0	64.1	63.3	65.4	64.9	68.1	69.1	65.0	64.3	67.3	62.3	68.1	67.9	64.2	60.7	62.2	63.1
	L10 (Average)	71.4																							
	L90 (Average)	62.8																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		18/1/2016
Checked by	Calvin Lui		18/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		19/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	61.9	68.1	63.1	68.0	70.2	68.1	72.6	69.4	73.3	72.5	70.2	74.6	68.5	73.4	69.7	74.1	68.4	65.5	67.4	66.2	66.1	68.1	72.5	70.1
	L90 dB(A)	57.8	59.7	59.7	61.6	62.4	63.1	62.1	62.7	63.7	63.9	63.7	61.3	63.3	58.2	63.0	57.0	63.5	63.2	63.3	62.4	62.7	62.1	59.7	59.8
	Leq dB(A)	58.3	61.9	60.0	63.1	64.1	65.0	64.4	64.7	66.1	67.4	65.7	62.9	65.1	59.7	64.7	58.0	65.7	64.5	63.4	63.5	63.7	62.9	61.6	61.9
	L10 (Average)	70.4																							
	L90 (Average)	62.0																							
	Leq (30 min)	63.8																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		19/1/2016
Checked by	Calvin Lui		19/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		19/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	65.4	63.5	62.3	72.2	70.8	65.6	64.4	68.4	68.7	66.4	73.4	68.0	70.5	71.9	73.9	69.3	70.3	73.9	68.1	69.0	69.7	69.4	70.4	69.5
	L90 dB(A)	59.3	59.1	58.3	59.6	61.0	60.4	59.3	59.5	60.2	60.1	61.1	61.8	63.9	65.4	64.0	64.9	64.1	66.1	64.1	61.6	63.1	63.8	63.5	63.2
	Leq dB(A)	60.8	60.1	58.8	63.2	63.3	62.1	60.2	61.4	61.2	61.7	62.8	63.0	66.1	67.6	65.2	66.7	65.8	67.8	65.0	63.3	64.8	65.6	65.5	65.4
	L10 (Average)	69.9																							
	L90 (Average)	62.6																							
	Leq (30 min)	64.3																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		19/1/2016
Checked by	Calvin Lui		19/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		20/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	70.0	67.1	65.9	66.0	76.6	72.4	74.2	69.7	66.7	67.4	65.6	68.8	67.9	67.7	68.1	71.5	72.9	74.3	72.5	64.5	71.2	64.9	65.7	64.6
	L90 dB(A)	55.6	62.7	62.3	61.9	60.2	63.5	63.4	62.9	62.7	62.9	61.7	61.5	61.2	60.5	60.6	59.6	60.5	60.1	60.2	59.7	61.3	60.0	60.1	59.9
	Leq dB(A)	57.9	63.6	63.1	63.0	61.1	64.9	64.7	63.9	64.0	64.0	62.6	62.8	62.1	61.6	61.5	63.2	63.7	65.4	63.1	60.8	63.9	61.3	61.3	60.7
	L10 (Average)	70.4																							
	L90 (Average)	61.3																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities; a construction equipment at NSR 1 but not in use																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		20/1/2016
Checked by	Calvin Lui		20/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		20/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.5	71.2	74.6	71.4	69.6	68.7	72.0	74.6	68.2	67.5	70.2	73.9	69.2	68.9	69.7	70.1	68.4	71.2	67.7	72.0	67.7	66.7	71.8	69.4
	L90 dB(A)	65.6	63.9	64.4	61.9	62.8	62.9	64.7	63.4	61.8	61.8	61.5	63.1	61.7	61.4	62.5	62.3	61.5	62.2	61.0	62.8	59.4	59.9	59.6	61.2
	Leq dB(A)	68.9	67.3	67.8	63.6	65.7	64.8	68.2	66.7	63.1	63.6	64.1	65.0	63.6	64.3	64.8	65.4	64.7	64.5	63.7	66.0	62.3	61.9	62.7	65.0
	L10 (Average)	70.9																							
	L90 (Average)	62.5																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		20/1/2016
Checked by	Calvin Lui		20/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		21/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	68.5	67.6	71.9	74.3	67.7	74.5	68.5	70.2	70.8	70.5	69.3	71.9	65.8	64.9	69.7	70.0	71.6	68.5	70.6	74.3	74.5	68.5	69.0	68.3
	L90 dB(A)	60.3	60.6	61.0	58.1	61.0	62.3	62.3	62.6	64.0	62.1	61.9	62.2	61.7	61.7	63.5	63.1	63.3	63.3	65.4	65.9	66.0	63.0	63.5	62.8
	Leq dB(A)	61.8	61.7	64.2	60.2	62.2	63.8	63.5	64.2	65.7	63.3	65.0	62.6	63.0	65.8	65.1	65.1	64.9	64.4	67.0	68.6	67.8	63.9	64.7	64.4
	L10 (Average)	70.8																							
	L90 (Average)	62.9																							
Leq (30 min)	64.7																								
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		21/1/2016
Checked by	Calvin Lui		21/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		21/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	66.0	64.4	66.8	62.2	60.3	61.6	64.3	63.1	61.3	71.3	69.4	66.7	66.3	71.3	71.8	65.7	67.1	73.8	66.7	69.1	65.0	70.3	67.7	70.0
	L90 dB(A)	58.2	58.5	57.8	57.0	57.2	57.4	57.1	58.2	58.1	59.8	59.2	60.2	61.1	62.1	62.7	62.1	62.3	64.6	63.7	63.8	62.3	63.1	63.5	63.1
	Leq dB(A)	60.7	59.1	59.6	57.6	57.7	57.8	57.7	59.2	58.9	61.1	61.3	61.3	62.2	63.6	64.5	63.2	63.1	66.1	65.0	65.6	63.0	64.2	64.3	64.1
	L10 (Average)	68.2																							
	L90 (Average)	61.2																							
Leq (30 min)	62.5																								
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		21/1/2016
Checked by	Calvin Lui		21/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		22/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	68.4	69.8	68.7	66.3	68.3	68.8	73.3	67.6	67.7	71.0	66.9	71.7	72.3	66.8	71.9	74.4	72.7	73.7	70.2	74.4	73.8	74.1	74.7	19:12
	L90 dB(A)	62.1	62.8	62.4	61.9	61.4	61.7	61.5	61.2	60.8	62.5	62.9	62.5	62.5	62.6	63.7	67.8	64.5	65.1	63.6	64.2	65.7	65.7	66.8	65.2
	Leq dB(A)	63.4	64.7	63.9	63.0	62.9	64.2	63.4	61.9	62.5	64.9	63.9	64.5	65.1	64.2	65.9	71.1	66.6	67.5	64.9	66.3	69.4	68.6	68.0	67.9
	L10 (Average)	71.6																							
	L90 (Average)	63.8																							
Leq (30 min)	66.1																								
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		22/1/2016
Checked by	Calvin Lui		22/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		22/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	68.8	69.7	81.7	70.1	68.2	69.2	70.6	68.0	66.3	65.8	67.1	71.1	65.6	68.8	68.4	67.5	71.0	71.9	72.1	71.0	69.6	71.3	69.9	72.2
	L90 dB(A)	63.3	64.3	65.8	60.8	60.7	60.2	60.4	59.9	60.3	59.5	60.2	63.1	61.8	59.9	60.2	62.1	62.8	64.8	63.9	63.8	63.9	64.4	64.5	65.2
	Leq dB(A)	64.3	68.1	67.3	67.0	62.9	61.5	63.1	62.7	61.7	60.6	61.6	64.5	62.4	61.3	61.7	63.1	64.2	66.8	65.5	65.1	65.7	66.6	66.0	67.1
	L10 (Average)	71.8																							
	L90 (Average)	62.8																							
Leq (30 min)	64.8																								
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		22/1/2016
Checked by	Calvin Lui		22/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		23/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	74.5	69.9	70.4	71.0	69.3	71.4	74.7	67.0	69.9	70.1	69.8	73.0	69.8	74.2	61.3	72.4	72.7	64.9	67.1	60.3	63.2	64.4	64.0	67.4
	L90 dB(A)	64.0	63.2	64.8	64.6	61.7	62.9	63.1	61.6	62.3	62.1	61.0	61.8	63.3	63.7	56.7	58.7	60.7	58.5	58.6	57.6	58.0	57.4	58.8	58.5
	Leq dB(A)	66.4	65.8	66.1	65.7	64.5	66.3	65.8	63.4	63.9	64.9	63.3	64.6	67.3	68.4	57.2	59.4	61.4	59.9	60.1	58.2	58.8	58.0	59.6	59.6
	L10 (Average)	70.4																							
	L90 (Average)	61.6																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		23/1/2016
Checked by	Calvin Lui		23/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		23/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	71.7	70.4	70.6	73.4	68.7	68.5	69.7	71.9	72.9	71.6	69.3	72.9	74.4	73.4	69.5	64.2	70.3	70.5	69.7	73.4	73.5	71.3	73.9	73.5
	L90 dB(A)	64.5	63.7	64.5	63.0	64.0	63.5	62.7	60.7	60.0	60.5	61.2	60.8	62.4	63.4	61.5	58.5	60.3	63.6	61.0	65.9	63.9	63.2	64.4	63.3
	Leq dB(A)	67.3	66.3	67.0	65.4	66.3	64.5	64.7	63.5	62.0	62.8	62.7	63.9	65.3	66.5	64.2	60.0	63.7	67.6	64.0	74.6	74.5	73.7	74.0	73.9
	L10 (Average)	71.7																							
	L90 (Average)	62.9																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		23/1/2016
Checked by	Calvin Lui		23/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505
 Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		24/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.5	73.2	67.1	69.4	63.4	72.4	64.4	65.8	65.8	69.4	68.3	74.1	73.9	73.2	66.7	72.7	70.2	68.5	67.3	66.7	69.8	73.4	73.4	68.8
	L90 dB(A)	59.0	61.7	59.2	59.6	59.5	62.7	61.1	61.3	61.6	62.0	63.5	64.0	62.9	62.8	62.2	63.3	62.3	62.8	62.7	61.7	63.5	64.2	64.0	63.5
	Leq dB(A)	61.4	62.9	60.1	61.7	60.5	64.7	62.1	62.4	62.7	64.1	65.3	65.8	65.4	64.4	63.3	65.4	64.1	64.6	64.1	62.8	66.6	66.4	65.7	65.2
	L10 (Average)	70.8																							
	L90 (Average)	62.4																							
	Leq (30 min)	64.2																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		24/1/2016
Checked by	Calvin Lui		24/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505
 Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		24/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	74.4	63.9	71.4	74.2	71.5	71.5	71.1	64.5	64.9	62.9	68.0	71.5	69.8	62.1	65.8	69.9	69.6	66.4	68.2	63.3	68.1	69.4	69.1	69.8
	L90 dB(A)	65.9	61.3	62.2	65.9	62.8	60.3	59.8	61.8	59.7	57.9	59.1	58.8	59.6	58.0	58.5	59.2	58.8	59.5	58.6	59.2	59.5	63.6	63.1	63.4
	Leq dB(A)	66.0	62.0	64.6	68.9	65.9	61.9	62.4	62.3	60.6	58.6	62.0	61.8	62.3	58.9	59.5	60.7	60.3	61.0	60.1	60.2	61.5	65.5	65.2	65.5
	L10 (Average)	69.6																							
	L90 (Average)	61.4																							
	Leq (30 min)	63.3																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		24/1/2016
Checked by	Calvin Lui		24/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		25/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	67.3	71.1	66.8	67.0	70.5	67.8	70.3	65.5	63.8	71.5	72.9	65.5	70.5	66.7	71.7	63.6	64.6	65.7	67.9	70.1	71.6	71.4	77.9	69.8
	L90 dB(A)	63.2	61.3	62.2	61.8	62.2	61.7	61.3	59.9	58.9	59.6	60.5	59.2	59.2	58.5	59.5	58.7	59.3	59.4	60.2	60.4	60.4	62.8	63.2	61.9
	Leq dB(A)	64.8	62.4	62.8	62.7	65.6	62.9	63.3	61.9	60.0	63.3	63.7	60.3	61.5	60.0	62.3	59.8	60.3	60.4	61.2	61.6	62.8	64.6	66.3	64.7
	L10 (Average)	70.3																							
	L90 (Average)	60.9																							
	Leq (30 min)	62.9																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		25/1/2016
Checked by	Calvin Lui		25/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		25/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Sunny																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	71.4	70.4	71.2	72.4	70.7	74.5	73.6	72.2	73.2	69.1	72.8	71.4	72.3	72.6	71.3	70.2	72.9	65.8	71.6	70.3	69.7	72.5	73.8	72.5
	L90 dB(A)	64.1	61.6	66.3	64.2	64.0	66.1	64.4	65.1	61.9	61.6	62.9	65.0	65.6	64.5	62.1	61.8	61.8	61.6	62.6	61.2	61.6	67.5	67.0	67.7
	Leq dB(A)	67.2	62.6	67.9	67.1	66.2	69.0	67.1	68.3	63.5	63.6	64.5	67.3	68.4	67.9	64.0	63.8	64.5	62.7	64.8	62.6	63.4	69.2	68.5	69.8
	L10 (Average)	71.9																							
	L90 (Average)	64.3																							
	Leq (30 min)	66.6																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		25/1/2016
Checked by	Calvin Lui		25/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		26/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.9	72.6	73.7	71.6	73.8	70.8	69.4	74.6	72.9	72.6	66.6	70.0	70.2	73.9	71.4	70.5	67.4	71.8	72.7	73.9	65.9	68.8	67.9	69.1
	L90 dB(A)	64.5	64.5	64.6	63.9	64.3	64.0	63.5	64.3	64.4	63.8	62.1	63.6	64.6	64.9	65.6	64.7	64.7	63.7	62.4	64.7	61.3	62.6	62.1	60.7
	Leq dB(A)	66.1	66.3	66.6	65.8	66.6	66.2	65.3	67.3	66.6	65.8	63.6	65.3	66.7	66.7	68.6	66.9	65.5	65.1	64.5	67.7	63.0	65.0	64.3	62.4
	L10 (Average)	71.7																							
	L90 (Average)	63.9																							
Leq (30 min)	66.0																								
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		26/1/2016
Checked by	Calvin Lui		26/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		26/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Fine																							
Wind Strength (m/s)		<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	72.6	71.1	70.8	69.6	71.9	73.2	71.3	70.2	75.5	72.4	71.0	68.3	70.7	69.9	74.4	73.2	72.3	71.8	66.7	71.8	71.7	70.1	65.6	60.8
	L90 dB(A)	67.7	62.5	62.8	63.8	64.8	64.9	63.7	63.3	65.0	63.6	62.7	62.1	65.4	59.6	61.8	60.8	59.8	60.9	59.0	61.2	59.4	59.8	58.5	58.3
	Leq dB(A)	69.6	65.7	65.2	64.5	66.2	67.1	66.2	65.9	67.5	66.0	64.6	63.5	67.1	62.2	64.5	64.1	63.4	63.7	60.3	65.5	62.4	62.6	60.2	58.7
	L10 (Average)	71.5																							
	L90 (Average)	62.8																							
Leq (30 min)	65.1																								
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		26/1/2016
Checked by	Calvin Lui		26/1/2016





Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

Data of Monitoring		27/1/2016																							
Monitoring Location		NSR1 (EP)																							
Description of the Location		Sir Ellis Kadoone Sec School																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301134 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	73.7	70.1	72.4	70.2	69.8	67.8	73.3	74.0	71.0	72.6	70.5	73.5	70.0	72.0	69.0	73.0	72.4	71.0	71.5	69.1	70.5	69.4	72.7	66.1
	L90 dB(A)	62.7	63.0	62.8	62.7	64.0	63.5	64.8	64.4	63.2	63.4	65.0	63.5	63.7	64.7	62.5	64.0	65.7	64.6	62.6	61.4	60.7	61.2	61.0	59.8
	Leq dB(A)	64.2	64.4	64.4	64.7	65.6	65.2	67.1	67.5	64.9	65.7	66.1	66.4	66.2	67.2	63.7	66.9	68.3	67.2	65.8	64.2	62.9	63.7	64.4	61.1
	L10 (Average)	71.5																							
	L90 (Average)	63.4																							
Noise Limit Level, Leq, (dB(A))		70dB(A)																							
Site Construction Activities		No construction activities																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		27/1/2016
Checked by	Calvin Lui		27/1/2016

Noise Monitoring Record Sheet

Contract No: SS D505

Contract Title: Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum- Vehicle Depot at Yen Ming Road, West Kowloon Reclamation

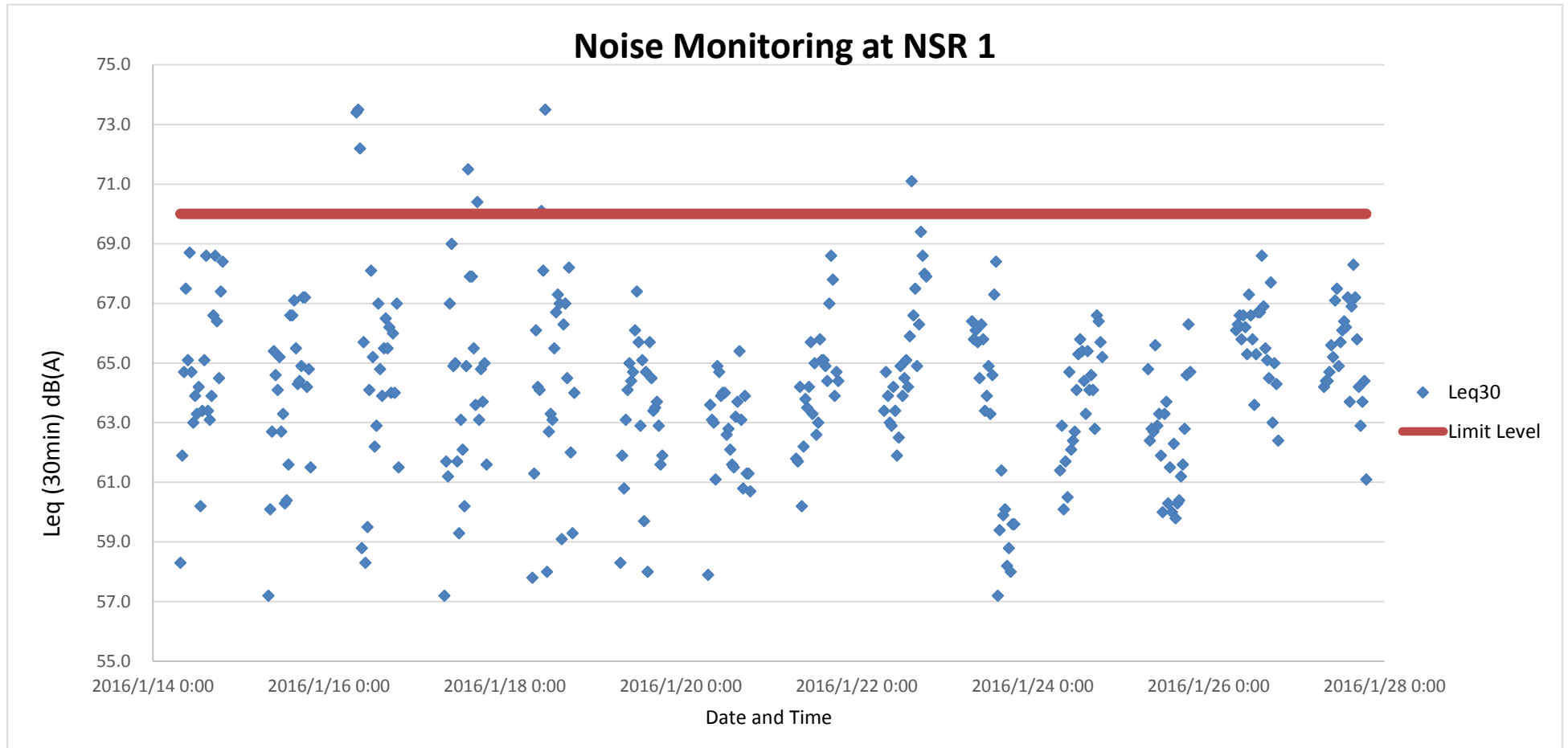
Data of Monitoring		27/1/2016																							
Monitoring Location		NSR7 (EP)																							
Description of the Location		Fu Yun House																							
Sound Level Method (Model and Serial No.)		Sound level meter : AWA5661 S/N301135 Calibrator: Pulsar 101 S/N028358																							
Weather Condition	Status	Cloudy																							
	Wind Strength (m/s)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)	<1(E)
Time of Monitoring	Start	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30
	Finish	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	13:00	13:30	14:00	14:30	15:00	15:30	16:00	16:30	17:00	17:30	18:00	18:30	19:00
Measured Noise Level (dB(A))	L10 dB(A)	67.0	74.5	65.8	65.7	62.0	64.3	63.7	62.2	74.3	69.3	70.5	73.3	72.0	65.1	66.2	73.7	71.6	71.5	74.3	72.3	69.7	68.5	70.6	69.6
	L90 dB(A)	58.1	63.2	57.9	57.3	58.3	58.5	58.8	58.3	62.1	60.4	61.4	64.3	63.2	62.8	63.1	64.0	66.4	66.5	63.4	62.8	63.7	63.2	63.1	62.8
	Leq dB(A)	59.8	65.3	58.4	57.9	59.2	59.7	59.6	59.0	64.1	61.9	62.8	66.0	64.1	63.6	64.0	65.9	69.1	69.5	66.1	63.7	65.6	64.9	64.5	64.0
	L10 (Average)	70.6																							
	L90 (Average)	62.6																							
Noise Limit Level, Leq, (dB(A))		75dB(A)																							
Site Construction Activities		Active construction site by others																							
Other Noise Sources During Measurement		Human Activities and Vehicle																							

	Name	Signature	Date
Recorded by	Joe Lam		27/1/2016
Checked by	Calvin Lui		27/1/2016



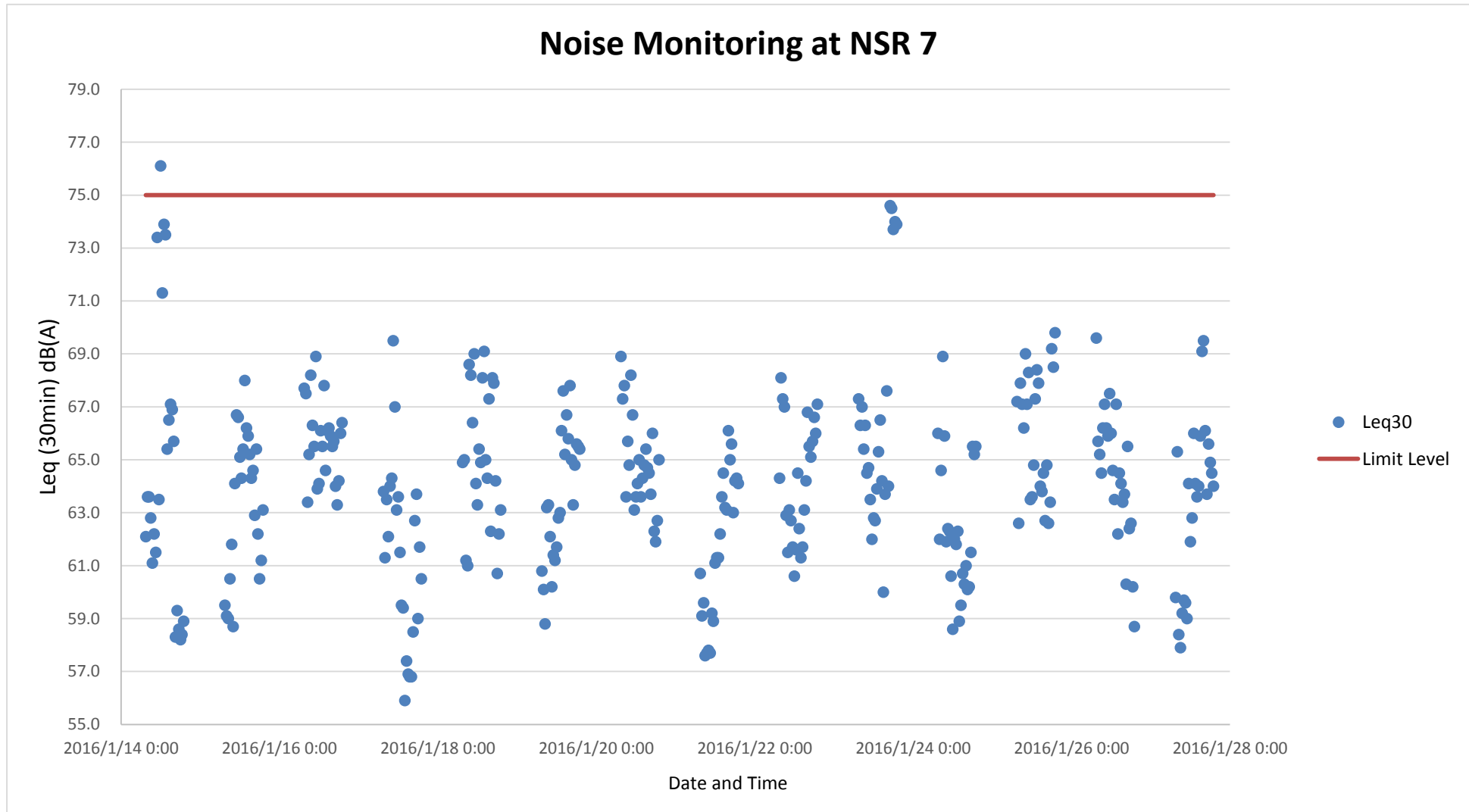


Appendix E Graphical Presentation of Leq (30 min)





Noise Monitoring at NSR 7



Appendix F Photo Records of Monitoring

Photo Records for Baseline Noise Monitoring in Daytime



NSR 1 - Sir Ellis Kadorie Secondary School (West Kowloon)



NSR 7 - Fu Cheong Estate Fu Yuen House