Territory Development Department
NT East Development Office

SHA TIN NEW TOWN STAGE II
CONTRACT NO. ST 86/2000
CONSTRUCTION OF ROAD T7 IN MA ON SHAN
ENVIRONMENTAL MONITORING AND AUDIT

MONTHLY EM&A REPORT - DECEMBER 2001

Prepared For:

Maunsell Consultants Asia Limited

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Report No.: 23156-12

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Signed
Date 12 January 2002

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Signed
Date 12 January 2002

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CONTENT

LIST OF APPENDICES

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ABBREVIATIONS AND ACRONYMS

AQO	Air Quality Objectives
Arup	Ove Arup & Partners Hong Kong Limited
ASR	Area Sensitive Rating
BOD_5	Biochemical Oxygen Demand (5 days)
B&K	Brüel & Kjær
CFM	Cubic Feet per Minute
CHEC	China Harbour Engineering Company
CNP	Construction Noise Permit
CT	Contractor
EA	Environmental Auditor
EIA	Environmental Impact Assessment
EM&A	Environmental Monitoring and Audit
EP	Environmental Permit
EPD	Environmental Protection Department
ER	Engineer / Engineer's Representative
ET	Environmental Team
HKSAR	Hong Kong Special Administrative Region
HOKLAS	The Hong Kong Laboratory Accreditation Scheme
HVS	High Volume Sampler
IEC	International Electrotechnical Commission Publications
K	Degrees Kelvin
MCAL	Maunsell Consultants Asia Limited
NAMAS	National Measurement Accreditation Service
NSR	Noise Sensitive Receiver
TDD NTE	Territory Development Department New Territory East Office
TSP	Total Suspended Particulates

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EXECUTIVE SUMMARY

This monthly EM&A report presents the site inspection findings, air quality and noise impact monitoring works for the period between 1 December 2001 and 31 December 2001.

For noise monitoring, $L_{eq(30min)}$ level was recorded once a week between the period of 0700 and 1900 at Ma On Shan Lutheran Primary School (NM2), Heng Shan House, Heng On Estate (NM3), Kam Yiu House, Kam Ying Court (NM4), Symphony Bay (NM6), Podium of block 15, Monte Vista (NM7) and Roof of block 15, Monte Vista (NM8).

Four measurements were taken at each location in December 2001. The recorded noise levels were in the range from 55.3 to 67.6 dB(A) and were below the Limit Level of 70dB(A) for NM2 and 75dB(A) for other monitoring locations.

For air quality monitoring, 1-hour Total Suspended Particulate (TSP) was recorded three times per every six days between the period of 0700 and 1900, and 24-hour TSP was recorded once every six days from 0000 to 2400. Air quality monitoring was conducted at Ma On Shan Lutheran Primary School (AM2), Ma On Shan Joseph's Primary School (AM3), Villa Concerta, Symphony Bay (AM4) and Club House, Monte Vista (AM5).

A total of six 24-hour TSP monitoring was conducted at each location in December 2001. The recorded 24-hour TSP levels were in the range from 37.9 to 263.8 $\mu g/m^3$ which, of have exceedance on the Limit Level of $260 g/m^3$ occurred at Ma On Shan Lutheran Primary School. The exceedance of 24-hours TSP level on 27 December 2001 was caused by roof waterproofing works at Ma On Shan Lutheran Primary School.

A total of fifteen 1-hour TSP measurements were taken at each location in December 2001. The recorded 1-hour TSP levels were in the range from 36.8 to 173.1 $\mu g/m^3$ and were below the Action and Limit Levels.

A total of five site inspections were conducted in December 2001. Key findings of the site inspections are given below.:-

- The Contractor has received Construction Noise Permits (CNP) for evening construction work near Kam Ying Court. Details of the permit conditions are given in CNP No. GW-TN0338-2001 and GW-TN0368-2001 issued on 23 November 2001 and 17 December 2001 respectively.
- The wastewater treatment facility was relocated to site entrance near Cheung Muk Tau Village for treating the wastewater from the wheel washing machine. Performance is satisfactory
- Oil spillage was observed at Portal D area and TB bridge near Kam Ying Court respectively. As instructed by EA, the Contractor has cleaned up the oil spillage and contaminated soil immediately.
- Oil spillage was observed from a generator at TB bridge near Kam Ying Court. As instructed by EA, the Contractor has cleaned up the oil spillage and closed the generator's doors to minimize the noise generation.

- Noise from the generator was significantly increased as a result of the opened generator enclosure doors. As instructed by EA, the Contractor has closed the generator's doors to minimize the noise generation.
- High S.S. runoff was observed at the retenting walls C1 & C2 near Heng On Estate. As instructed by EA, the Contractor has introduced a lager rock aggregates for filtration. Performance is satisfactory.
- Most of the formed slopes near entrance No. 6 had been hydroseeded for preventing runoff. The performances are satisfactory.

A total of 121 loads of waste from site clearance (i.e. felled trees) has been disposed of at NENT Landfill in December 2001. A total of 790 loads of inert material have been disposed of at Public Filling Area in Tuen Mun by common dump truck in December 2001. The total quantity of the disposed inert material was 10657.4 m^3 in December 2001. The total tonnage of the waste disposal in December 2001 was 814.2 tonnes.

EA was informed by the Contractor that EPD had visited the construction site on 6,7 and 16 December 2001. The details of the visit are summarised in the EPD's inspection records no. EP52/W1/C255 and GW-TN0341-2001.

Four public complaints regarding construction noise and air were received on 2,3,7 and 14 December 2001 from Environmental Protection Department. The cases are being followed up by ER and ET.

The cause of exceedance of 24-hour TSP level at AM2 on 27 December 2001 was due to the roof waterproofing works at the roof floor of Ma On Shan Lutheran Primary School.

1. INTRODUCTION

Arup was commissioned by the Territory Development Department New Territory East Office (TDD NTE) via Maunsell Consultant Asia Limited (MCAL) to conduct the Environmental Monitoring and Audit (EM&A) for the project "*Shatin New Town, Stage II Contract No. ST 86/2000 Construction of Road 7 in Ma On Shan*" with the contract commencement on 10 January 2001.

Truck Road T7 in Ma On Shan is constructed as part of the development of the Sha Tin New Town, Stage II, which is managed by the TDD NTE. The project was commenced in January 2001 and anticipated to be completed by the January 2004. The trunk road will connect the existing Ma On Shan Road and Sai Sha Road, allowing traffic destined for north Ma On Shan, Lok Wo Sha and Sai Kung to by-pass the busy Ma On Shan Town Centre. The construction of Road T7 includes the major components listed hereunder:

1. Construction of approximately 3 kilometers of dual carriageway between Ma On Shan Road at Heng On Estate and Sai Sha Road at Cheung Muk Tau Village. About 1 kilometer of the road is on elevated structure.
2. Construction of a grade-separated interchange connecting with the widened Sai Sha Road.
3. Construction of 2 vehicular underpasses at the eastern end of Road T7.
4. Construction of about 1 kilometer of a single 2-lane carriageway starting from the existing Ma On Shan Road/Hang Hong Street roundabout, for replacing the existing access road to Ma On Shan.
5. Construction of the western extension of the existing Nin Fung Road in front of Cheung Muk Tau Village.
6. Construction of a combined pedestrian and cycle bridge across Ma On Shan Road near Ma On Shan Sewage Pumping Station.
7. Construction of 4 pedestrian subways at the western interchange connecting with the widened Sai Sha Road.
8. Construction of noise barriers and noise semi-enclosures.
9. Slope works and landscaping works associated with the above road works.

The Environmental Impact Assessment (EIA) Report[1] has identified the environmental impacts during various stages of the construction and operational stages. These include construction noise and fugitive dust during the construction stage, and the traffic noise and tunnel air quality during the operational stage. The monitoring of these environmental issues is required during the construction and operational stages and in accordance with the Brief for Environmental Monitoring and Audit[2].

The Environmental Permit (EP)[3] has been issued for the Road T7 project under the EIA Ordinance. The EM&A programme has commenced in January 2001 and is anticipated to be completed the February 2005.

1.1 Purpose of the Report

The purpose of the EM&A report is to present the monitoring and audit results of the environmental issues, air quality and noise impacts due to the captioned road construction

project on a monthly and quarterly basis. This is the twelfth monthly EM&A report to summarise the EM&A requirements, the environmental status, equipment, monitoring methodology, monitoring locations, periods, frequencies, results and any observations from the noise and air measurements during December 2001.

1.2 Site Description

The site starts from the existing Ma On Shan Road (close to Heng On Estate), runs along the boundary of Ma On Shan Country Park, and terminates at Sai Sha Road (close to Symphony Bay). The site location plan is shown in Figure 1-1.

Figure 1-1 - Site location plan of construction of Road T7.

2. ENVIRONMENTAL STATUS

2.1 Construction Activities of the Month

The main construction activities in December 2001 were site clearance, site investigation and bore piling. Bore piling was being conducted at the site area close to Cheung Muk Tau Village, near entrance No.6, TB Bridge area beside Kam Ying Court and TC Bridge area beside WSD reservoir. Construction works for the pedestrian subway and retaining wall were carried out beside the ER site office. The rock excavation was still in progress at the slope behind Monte Vista.

2.2 Environmental Sensitive Receivers

Several residential buildings and schools close to the site have been identified as environmental sensitive receivers in the EIA Report. They included:

Ma On Shan Lutheran Primary School;

Ma On Shan St. Joseph's Primary School;

Heng On Estate;

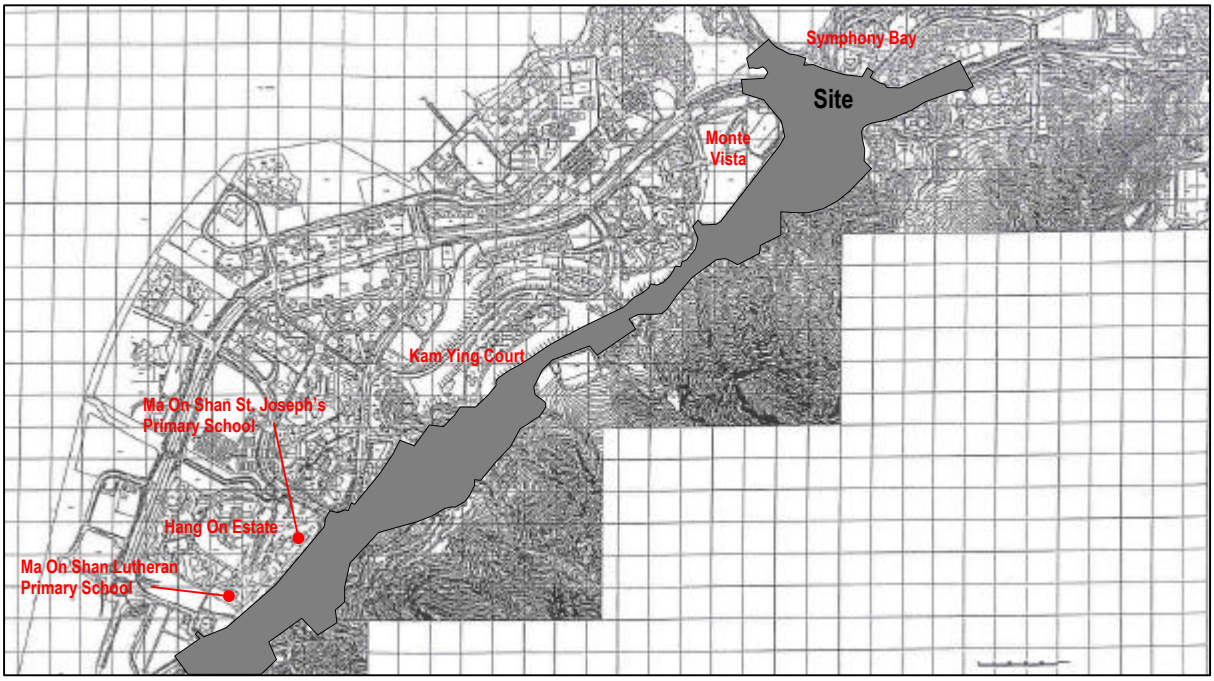
Kam Ying Court;

Monte Vista; and

Villa Concerto, Symphony Bay.

Detailed locations of the environmental sensitive receivers are shown in Figure 2-1.

Figure 2-1 - Locations of construction site and environmental sensitive receivers.



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3. SUMMARY OF EM&A REQUIREMENTS

Construction noise and air quality were significant environmental impacts identified for the construction period of the project. In accordance with the Brief for EM&A, air quality and noise impact monitoring shall be performed by an ET at all specified monitoring locations during this stage.

3.1 Construction Noise Monitoring

3.1.1 Monitoring Parameters

Construction noise monitoring shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{10} and L_{90} will also be recorded as supplementary reference information for data auditing.

3.1.2 Monitoring Frequency

Construction noise measurements were required to be taken on a weekly basis according to the Brief for EM&A. The monitoring time periods, monitoring parameters and frequency are specified in Table 3-1. The monitoring programme for December 2001 and the planned schedule for January 2002 are provided in Appendix 1 and Appendix 2 respectively.

Table 3-1 - Construction noise monitoring parameters and frequency requirements.

Time Period (when construction activity is found)	Parameters	Monitoring Frequency	No. of measurements for each monitoring
Between 0700-1900 hours on normal weekdays	$L_{eq(30\ min)}$	Once per week	1
Between 1900-2300 hours on normal weekdays	$L_{eq(5\ min)}$*		3 (consecutive)
Between 2300-0700 hours of next day			
Between 0700-1900 hours on holidays			

Remarks: * The $L_{eq(5\ min)}$ will only be measured if construction activities are conducted in holidays and between the period of 1900 and 0700 hours during normal weekdays.

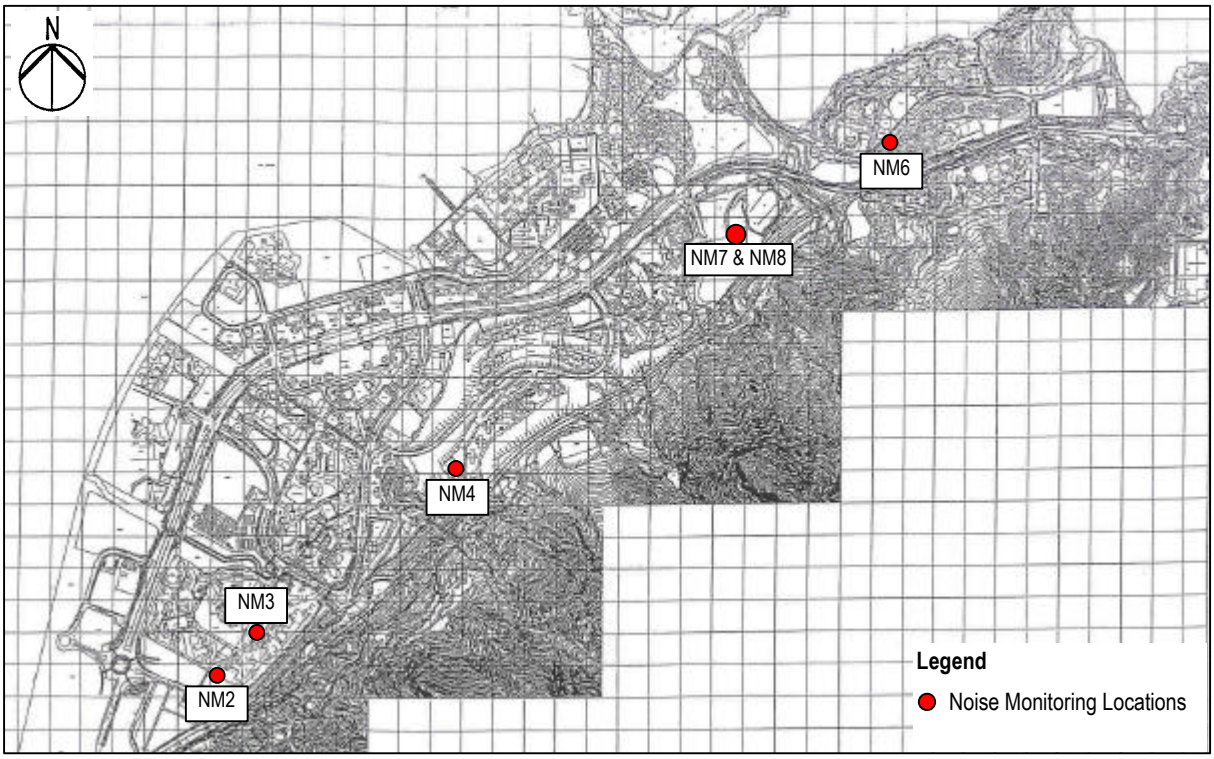
3.1.3 Monitoring Locations

A total of six monitoring locations were specified. They are given in Table 3-3 and shown in Figure 3-1. The measurements shall be taken away from any nearby reflective surface and at a position of 1.2m above ground. No façade correction is required.

Table 3-3 - Noise impact monitoring locations.

NSR No.	Location	Monitoring Point
NM2	Ma On Shan Lutheran Primary School	Roof-top of the school
NM3	Heng Shan House, Heng On Estate	Podium floor of Heng Shan House
NM4	Kam Yiu House, Kam Ying Court	Roof-top of Kam Yiu House
NM6	Villa Concerto, Symphony Bay	Roof-top of Block 1
NM7	Monte Vista, Block 15	Podium floor of Block 15
NM8	Monte Vista, Block 15	Roof floor of Block 15

Figure 3-1 - Location plan showing the noise impact monitoring locations



3.2 Air Quality Monitoring

3.2.1 Monitoring Parameters

Air monitoring shall be measured in terms of the TSP levels for both 24-hour and 1-hour periods.

3.2.2 Monitoring Frequency

24-hour TSP and 1-hour TSP levels shall be monitored during the course of construction according to the Brief for EM&A. The monitoring parameters and frequencies are specific in Table 3-5.

Table 3-5 - TSP monitoring parameters and frequency

Parameters	Monitoring Frequency	Time Period	No. of measurement for each monitoring
24-hour TSP	Once every six days	0000 – 2400	1
1-hour TSP	Three times per every six days	0700 – 1900	1

The monitoring programme for December 2001 and the planned schedule for January 2002 are provided in Appendix 1 and Appendix 2 respectively.

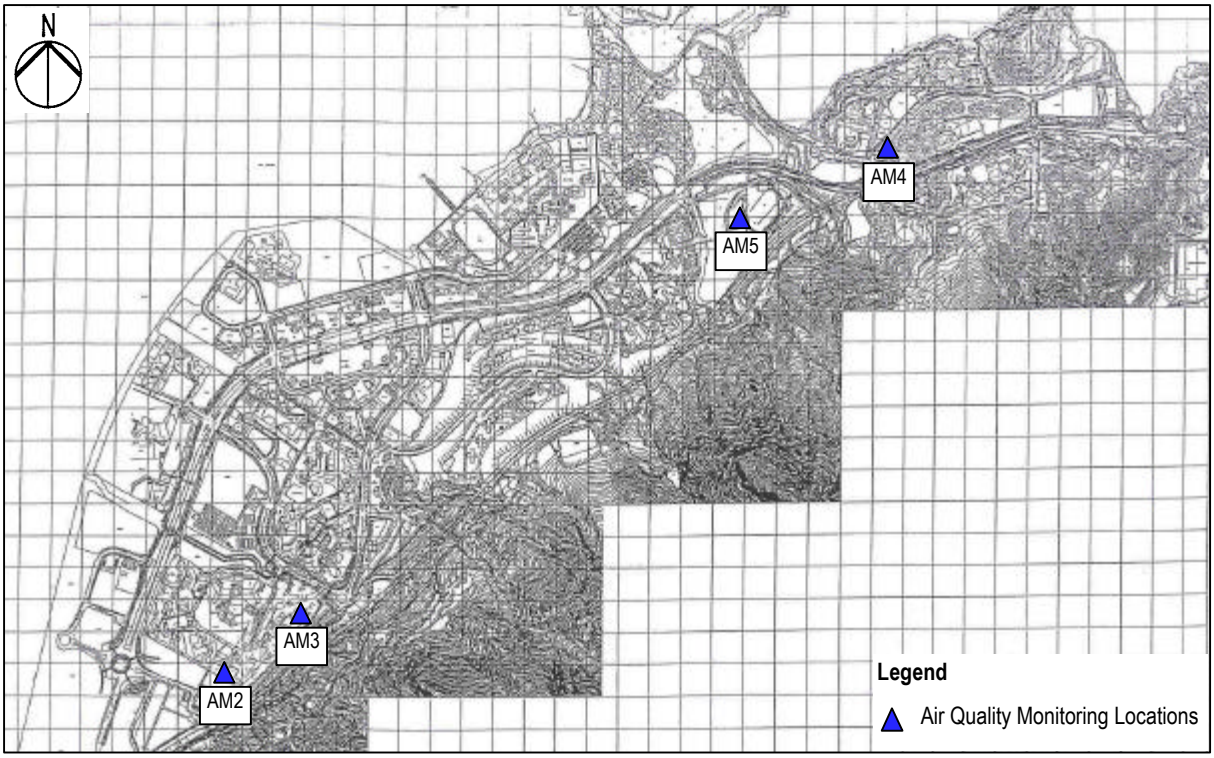
3.2.3 Monitoring Locations

Four monitoring locations nearest to the construction site were specified. They are tabulated in Table 3-7 and shown in Figure 3-6.

Table 3-7 - Air quality monitoring locations.

Sensitive Receptors No.	Location	Monitoring Point
AM2	Ma On Shan Lutheran Primary School	Roof-top of the school
AM3	Ma On Shan St. Joseph's Primary School	Roof-top of the school
AM4	Villa Concerto, Symphony Bay	Roof-top of Block 1
AM5	Monte Vista	Roof-top of Club House

Figure 3-6 - Location plan showing the air quality monitoring locations.



3.3 Performance Limits and Event-Action Plans

The monitoring results shall be checked against appropriate standards and requirements. A two-tier system performance limits has been established in the Project Specific EM&A Manual[4]. The "Action Level" and the "Limit Level" are established according to the EPD requirements. Corresponding actions will be taken by ET, ER and CT in accordance with the Event-Action Plans if the monitoring results exceed the performance limits.

3.3.1 Construction Noise Impact

The Action and Limit Levels for the construction noise have been established in Project Specific EM&A Manual[4] and are tabulated in Table 3-9.

Table 3-9 - Action and limit levels for construction noise.

Time Period	Action Level	Limit Level dB(A)
0700 – 1900 hours on weekdays	When one documented complaint is received	75 *
0700 – 2300 hours on General Holidays; & 1900 – 2300 hours on all other days		50 or 55** (1) 65 or 70** (2)
2300 – 0700 hours of next day		55 or 40** (1) 50 or 55** (2)

Remarks: * reduced to 70dB(A) for schools and 65dB(A) during school examination periods.
** to be selected based on Area Sensitivity Rating
(1) for the SPME and prescribed works
(2) for non-SPME and prescribed works
Note: If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

Table 3-11a and Table 3-6b detail the actions required to be carried out by different parties in the case of an exceedance of performance limits being detected.

Table 3-11a - Event-action plan for construction noise (Action Level).

Action		
ET	**ER**	**CT**
1. Notify ER and CT 2. Carry out investigation 3. Report the result of investigation to ER 4. Increase monitoring frequency to check mitigation effectiveness 5. Review the proposed remedial measures by CT and advise ER accordingly 6. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 7. Supervise the implementation of remedial measures 8. If exceedance stops, cease additional monitoring	1. Confirm receipt of notification of failure in writing 2. Notify CT 3. Require CT to propose remedial measures for the noise exceedance 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to ET 2. Implement noise mitigation proposals

Table 3-6b - Event-action plan for construction noise (Limit Level).

Action		
ET	**ER**	**CT**
1. Notify ER and EPD 2. Identify source 3. Repeat measurement to confirm findings 4. Increase monitoring frequency 5. Discuss amongst ER and CT on the potential remedial actions 6. Review CT's remedial actions whenever necessary to assure their effectiveness and advise ER accordingly 7. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 8. Supervise the implementation of remedial measures 9. Inform ER and EPD of the causes for the exceedance 10. Assess effectiveness of CT's remedial actions and keep EPD and ER informed of the results 11. If exceedance stops, cease additional monitoring	1. Confirm receipt of notification of failure in writing 2. Notify CT 3. Require CT to propose remedial measures for the noise exceedance 4. Ensure remedial measures are properly implemented 5. If exceedance continues, consider what portion of the work is responsible and instruct CT to stop that portion of work until the exceedance is abated	1. Take immediate action to avoid further exceedance. 2. Inform ET, ER and EPD of the actions taken for the exceedance. 3. Submit proposals for remedial actions to ET within 3 working days of notification 4. Implement the agreed proposals 5. Resubmit proposals if problem still not under control 6. Stop the relevant portion of works as determined by the ER until the exceedance is abated

3.3.2 Air Quality

The action and limit levels for air quality have been established in the Project Specific EM&A Manual[4] and are tabulated in Table 3-13.

Table 3-13 - Action and limit levels for air quality.

Parameters	Action Level	Limit Level
24 Hour TSP Level in μg/m^3	• For baseline level < 108μg/m^3, Action Level = average of baseline level plus 30% and Limit Level • For 108μg/m^3 < baseline level < 154μg/m^3, Action Level = 200μg/m^3 • For baseline level > 154μg/m^3, Action Level = 130% of baseline level	260
1 Hour TSP Level in μg/m^3	• For baseline level < 154μg/m^3, Action Level = average of baseline level plus 30% and Limit Level • For 154μg/m^3 < baseline level < 269μg/m^3, Action Level = 350μg/m^3 • For baseline level > 269μg/m^3, Action Level = 130% of baseline level	500

In accordance with the Baseline Monitoring Report[5], the action and limit levels for 24-hour TSP and 1-hour TSP at different locations were established and are tabulated in Table 3-15 and Table 3-17 respectively.

Table 3-15 - Action and limit levels for 24-hour TSP.

Monitoring Location	24-hour TSP Level in $\mu g/m^3$		
	Baseline Level *	Action Level	Limit Level
Ma On Shan Lutheran Primary School	66.0	173	260
Ma On Shan St. Joseph's Primary School	57.7	168	
Villa Concerto, Symphony Bay	60.8	170	
Club House, Monte Vista#	-	170	

Remarks: * Baseline levels were obtained from the Baseline Monitoring Report prepared by Manusell Consultant Asia Limited[5].

\# No baseline monitoring was conducted for Monte Vista as this location was added after the commencement of the construction works. The Action Level of Symphony Bay was adopted for this additional monitoring location.

Table 3-17 - Action and limit levels for 1-hour TSP.

Monitoring Location	1-hour TSP Level in $\mu g/m^3$		
	Baseline Level *	Action Level	Limit Level
Ma On Shan Lutheran Primary School	274	356	500
Ma On Shan St. Joseph's Primary School	274	356	
Villa Concerto, Symphony Bay	273	355	
Club House, Monte Vista#	-	355	

Remarks: * Baseline levels were obtained from the Baseline Monitoring Report prepared by Maunsell Consultant Asia Limited[5].

\# No baseline monitoring was conducted for Monte Vista as this location was added after the commencement of the construction works. The Action Level of Symphony Bay was adopted for this additional monitoring location.

Table 3-19a and Table 3-10b detail the actions required to be carried out by different parties in case of an exceedance of performance limits being detected.

Table 3-19a - Event-action plan for air quality (Action Level).

Action		
ET	**ER**	**CT**
Action Level 1 – Exceedance for one sample		
1. Identify source 2. Inform ER 3. Repeat measurement to confirm findings 4. Review the proposed remedial measures by CT and advise ER accordingly 5. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 6. Supervise the implementation of remedial measures 7. Increase monitoring frequency to demonstrate efficacy of remedial measures 8. If exceedance stops, cease additional monitoring	1. Notify CT 2. Check monitoring data and CT's working methods	1. Rectify any unacceptable practice 2. Amend working methods if appropriate
Action Level 2 –Exceedance for two or more consecutive samples		
1. Identify source 2. Inform ER 3. Repeat measurement to confirm findings 4. Review the proposed remedial measures by CT and advise ER accordingly 5. Discuss with ER for remedial actions required 6. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 7. Supervise the implementation of remedial measures 8. Increase monitoring frequency to demonstrate efficacy of remedial measures 9. If exceedance continues, arrange meeting with ER 10. If exceedance stops, cease additional monitoring	1. Confirm receipt of notification of failure in writing 2. Notify CT 3. Check monitoring data and CT's working methods 4. Discuss with Environmental Supervisor and CT on potential remedial actions 5. Ensure remedial actions are properly implemented	1. Submit proposals for remedial actions to ER within 3 working days of notification 2. Implement the agreed proposals 3. Amend proposal if appropriate

Note: If source of exceedance is clearly identified as being not works related no further action is necessary by any party.

Table 3-10b - Event-action plan for air quality (Limit Level).

Action		
ET	**ER**	**CT**
Limit Level 1 – Exceedance for one sample		
1. Identify source 2. Inform ER 3. Repeat measurement to confirm findings 4. Discuss with ER for remedial actions required 5. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 6. Supervise the implementation of remedial measures 7. Increase monitoring frequency to demonstrate efficacy of remedial measures 8. If exceedance stops, cease additional monitoring	1. Confirm receipt of notification of failure in writing 2. Notify CT 3. Check monitoring data and CT's working methods 4. Discuss with ET and CT on potential remedial actions 5. Ensure remedial actions are properly implemented	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to ER within 3 working days of notification 3. Implement the agreed proposals 4. Amend proposal if appropriate
Limit Level 2 – Exceedance for two or more consecutive samples		
1. Identify source 2. Inform ER the causes and actions taken for the exceedance 3. Repeat measurement to confirm findings 4. Investigate the causes of exceedance 5. Arrange meeting with ER to discuss the remedial actions to be taken 6. Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective 7. Supervise the implementation of remedial measures 8. Increase monitoring frequency to demonstrate efficacy of remedial measures 9. If exceedance stops, cease additional monitoring	1. Confirm receipt of notification of failure in writing 2. Notify CT 3. Carry out analysis of CT's working procedures to determine possible mitigation to be implemented 4. Discuss amongst ET and CT on potential remedial actions 5. Review CT's remedial actions whenever necessary to assure their effectiveness 6. If exceedance continues, consider what portion of the work is responsible and instruct CT to stop that portion of work until the exceedance is abated	1. Take immediate action to avoid further exceedance 2. Submit proposals for remedial actions to ER within 3 working days of notification 3. Implement the agreed proposals 4. Resubmit proposals if problem still not under control 5. Stop the relevant portion of works as determined by ER until the exceedance is abated

Note: If source of exceedance is clearly identified as being not works related no further action is necessary by any party.

3.4 Site Inspection and Environmental Complaint Handling

3.4.1 Site Inspection Frequency and Areas Covered

Regular site inspections will be carried out on a weekly basis. The areas of inspection will cover different environmental impacts, such as air, noise, water & waste, and their pollution controls and mitigation measures for both within and outside the site area.

Ad hoc site inspection will be carried out if significant environmental non-compliance is identified. Inspections may also be carried out subsequent to receipt of any environmental complaints, or as part of the investigation work, as specified in the Event-Action Plans.

3.4.2 Site Inspection Procedures

a) The Environmental Auditor (EA) will be advised by the CT and/or ER of all information on any environmental related aspects.
b) The EA will conduct discussion with the CT and/or ER to sort out and forecast any potential environmental impact.
c) The EA will conduct a site walk with the CT and/or ER, particularly the areas with extensive construction works.
d) The EA will conduct inspection for the main environmental facilities and measures such as the wheel washing facilities located at the site exits, water spraying truck, temporary noise barrier, and the internal noise-reducing measures of the heavy equipment etc, to ensure that these environmental facilities operate normally and effectively.
e) The EA will fill up a site inspection checklist during the site inspection for recording of any special observations.
f) The EA will conduct post-discussion with the CT and/or ER for the establishment of additional/special measures if any non-conformance is found. The completion date for such additional measures will be confirmed during the post-discussion.
g) The EA will propose a reasonable timeframe together with the CT and/or ER, for the preparation of the proposal for the remediation of environmental non-compliance.
h) The completed site inspection checklist will be signed by the EA, the CT and/or ER, for reference and for taking actions in accordance with the agreed procedures, reporting systems and time frame.

3.4.3 Environmental Complaints

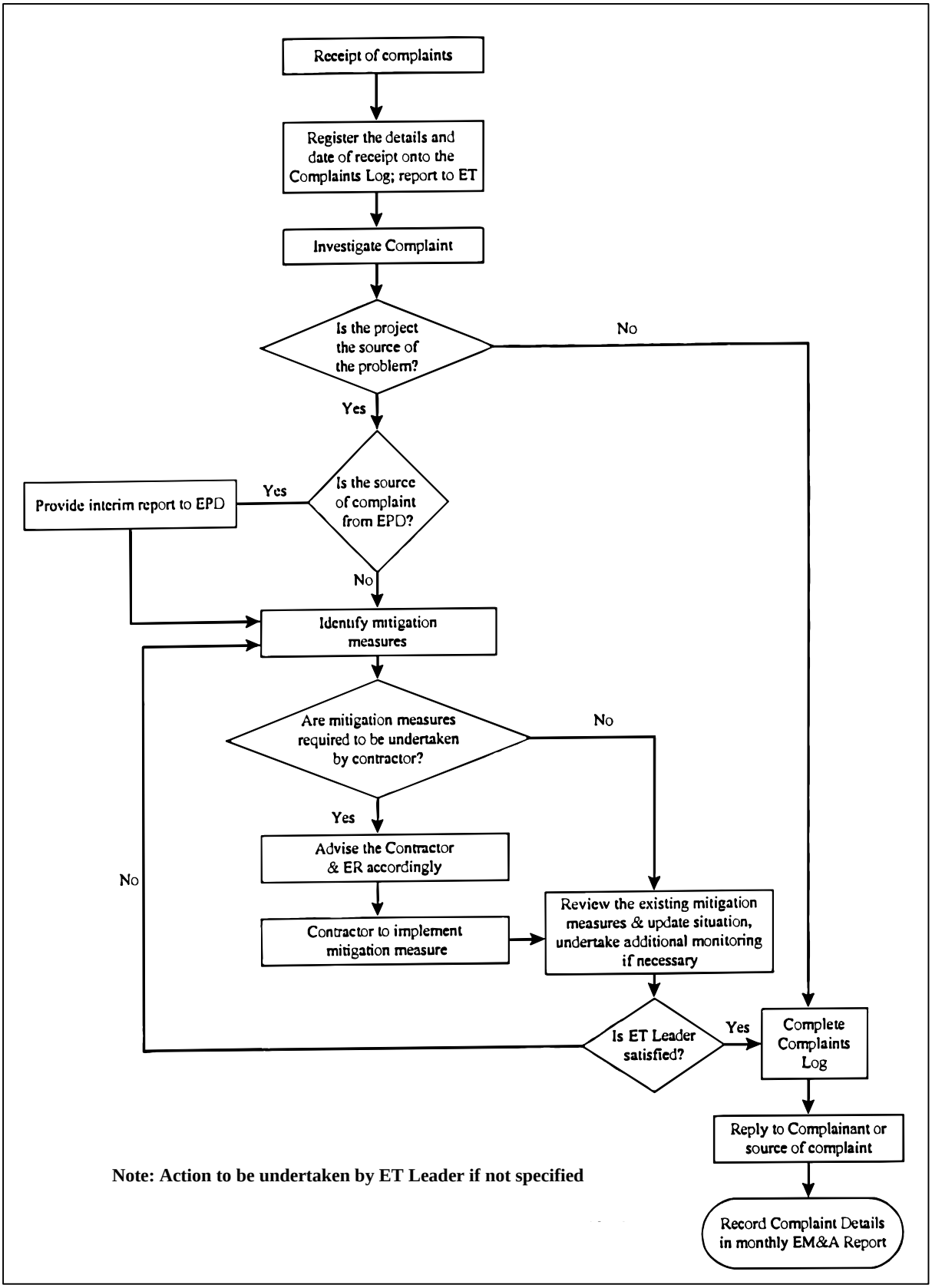
In accordance with the Brief of EM&A, environmental complaints will be referred to the ET for initiation of the complaint investigation procedures. The ET will undertake the following procedures upon receipt of the complaints:

a) The ET will record the details of the complaint and the date of receipt onto the complaint database, and inform ER immediately.
b) The ET will perform compliant investigation to determine its validity, and to assess whether the source of the problem is due to work activities.
c) The ER will instruct the CT to identify mitigation measures in consultation with the ET, if the compliant is valid and due to works.
d) The ET will liaise with the CT on their mitigation measure proposals and implementation, if required.
e) The ET will conduct review of the CT's response on the identified mitigation measures, and of the updated situation.
f) The ET will submit interim report to EPD if the complaint is received via EPD. The interim report will clearly state the status of the complaint investigation and the follow-up action within the time frame assigned by EPD.
g) The ET will undertake additional monitoring and audit to verify the situation if necessary, and ensure that any valid reason for complaint does not recur.
h) The ET will report on the investigation results and the subsequent actions to the source of complaint for responding to the complainant (If the source of complaint is via EPD, the results will be reported within the time frame assigned by EPD).
i) The ET will record the details of the complaint, investigation, subsequent actions and results in the monthly EM&A reports.

During the complaint investigation work undertaken by the ET, the CT and ER shall corporate with the ET in providing all the necessary information and assistance for completion of the investigation. If mitigation measures are identified as necessary in the investigation, the CT shall promptly carry out the required mitigation to the satisfaction of ET. The ER shall ensure that such identified measures have been carried out by the CT.

A flow chart of the complaint response procedures is shown in Figure 3-11 for reference.

Figure 3-11 - Flow chart of the complaint response procedure



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4. CONSTRUCTION NOISE MONITORING

4.1 Monitoring Equipment

An integrated sound level meter was used for the noise monitoring. The sound level meter complies with the International Electrotechnical Commission Publications (IEC) 651:1979 (Type 1) and 804:1985 (Type 1) specifications. An acoustical calibrator in compliance with IEC 942:1988 (Type 1) was used to calibrate the sound level meter before and after each set of measurements to confirm that the data drift was less than 1dB(A). The detailed descriptions of the noise measurement equipment are listed in Table 4-1.

Table 4-1 - Equipment list for construction noise monitoring.

Equipment	Manufacturer & Model No.	Precision Grade	Qty.
Integrated sound level meter	Brüel & Kjær 2231	IEC 651 Type 1 IEC 804 Type 1	2
½" free-field microphone	Brüel & Kjær 4155		2
Rion Sound Level Meter	NA-27		1
Rion ½" microphone	UC53A		1
Windshield	Brüel & Kjær UA0237		4
Acoustical calibrator	Brüel & Kjær 4230	IEC 942 Type 1	1
Acoustical calibrator	Brüel & Kjær 4226		1
LCD wind speed indicator	Kestrel Vane Anemometer	--	1

4.2 Methodology

4.2.1 Field Measurement

The sound level meter and the battery were checked to ensure that they were in proper condition.

The sound level meter was set on a tripod at 1.2m above ground and at least 1m from the exterior of the building façade.

Before conducting the measurement, the sound level meter was calibrated by an acoustical calibrator.

The measurement parameter was set to A-weighted sound pressure level. The time weighting was set in fast response and the time period of measurement at 30 minutes.

The wind speed was checked during noise monitoring to ensure the steady wind speed did not exceed 5m/s, or wind with gusts did not exceed 10m/s.

Any abnormal conditions that generated intrusive noise during the measurement were recorded on the field record sheet.

After each measurement, the equivalent continuous sound pressure level (L_{eq}), L_{10} and L_{90} were recorded on the field record sheet.

The sound level meter was re-calibrated by the acoustical calibrator to confirm that there was no significant drift of reading.

4.2.2 Equipment Maintenance and Calibration

The sound level meter complies with the standards of IEC 651 (Fast, Slow, Impulse rms detector tests) and IEC 804 (L_{eq} functions). The acoustical calibrator model no. 4230 is in compliance with IEC 942. Both equipment are calibrated annually in-house using Brüel & Kjær (B&K) calibrator model no. 4226.

The B&K calibrator model no. 4226 is annually calibrated by the National Physical Laboratory in Teddington, London, which is accredited by National Measurement Accreditation Service (NAMAS). All in-house calibrations that are undertaken can be traced back to the National Physical Laboratory. Updated calibration certificates for the sound level meter and acoustic calibrators were given in the Monthly EM&A Report - October 2001 (Report No. 23156-10)[7].

4.3 Results

Four measurements were taken at each location in December 2001. All the noise measurements were taken between 0700-1900 hours on normal weekdays during which the construction site was under normal operation. The construction noise monitoring results in December 2001 are tabulated in Table 4-3. Detailed weather conditions and the monitoring period are given in Appendix 3.

Table 4-3 - Construction noise monitoring results for December 2001.

Date of Monitoring		Monitoring Parameters	Monitoring Results, dB(A) (30 min)					
			NM2	NM3	NM4	NM6	NM7	NM8
Week 1	04/12/01 (Tue)	L_{eq}	63.4	66.4	63.3	65.2	60.6	64.3
		L_{10}	65.4	68.4	65.9	67.4	61.9	68.9
		L_{90}	60.4	63.9	58.9	61.9	57.4	55.9
Week 2	11/12/01 (Tue)	L_{eq}	62.1	63.1	60.4	60.8	59.9	64.2
		L_{10}	64.5	65.5	62.1	62.1	62.0	66.5
		L_{90}	59.0	59.0	50.1	53.6	57.0	60.0
Week 3	17/12/01 (Mon)	L_{eq}	62.9	63.5	62.2	67.6	57.9	65.4
		L_{10}	64.7	65.5	63.5	71.1	59.5	68.5
		L_{90}	60.6	60.5	60.8	60.6	52.5	55.5
Week 4	28/12/01 (Fri)	L_{eq}	59.2	63.3	65.8	59.9	55.3	65.1
		L_{10}	60.5	65.5	66.5	62.0	57.5	70.0
		L_{90}	56.0	59.0	64.0	54.5	50.0	56.5

5. AIR QUALITY MONITORING

Air quality was measured in terms of 24-hour and 1-hour levels of TSP. This indicated the impacts of construction dust on air quality. The 24-hour and 1-hour TSP levels were measured according to the standard high volume sampling method and laser scanning method respectively. All relevant data including temperature, pressure, weather conditions, start and stop time of the sampler, and other special phenomena and work progress of the monitoring locations were also recorded.

5.1 Monitoring Equipment

The high volume sampling method complies with the USEPA ambient air reference method standard for primary and secondary ambient particulate matter (*40 CFR$_{50-B}$*)[8].

HVS in compliance with the specifications of *40 CFR$_{50-B}$* were used for carrying out the 24-hour TSP. A photometric aerosol monitor was used for 1-hour TSP monitoring. The details of the HVS, photometric aerosol monitor and the calibration kit used are listed in Table 5-1.

Table 5-1 - Equipment list for TSP monitoring.

Equipment	Manufacturer & Model No.	Measurement Parameter	Qty.
High Volume Sampler	GMWS-2310-105	24-hour TSP	3
Fibreglass Filter	G810		--
HVS Calibration Kit	GMW-2535		1
Photometric Aerosol Monitor	MIE *personal*DataRAM	1-hour TSP	3
Hand Held Barometer	Cole-Parmer EB833	Pa, Temperature	1

5.2 Methodology

5.2.1 24-hour TSP Monitoring

The HVS was set up at fixed monitoring location under the following criteria:

- it was placed on a horizontal platform;
- the filter of HVS was at least 1.3m above ground;
- it was separated from any obstacle by at least twice the height of the obstacle protruding above the sampler;
- there were no furnaces or incineration flues operating near the sampler;
- it has unrestricted airflow 270° around the sampler; and
- the wire fence and gate did not cause obstruction to the air flow.

The flow rate of the HVS was set within the range of 1.1m^3/min and 1.7m^3/min, (39CFM - 60CFM) as specified in *40 CFR$_{50-B}$*.

The power supply was checked to ensure the HVS worked properly

The HVS was switched on and allowed to operate for 5 minutes before placing any filter on the supporting screen.

The filter holding frame was removed by loosening the four wing nuts and allowing the brass bolts and washers to swing down out of the way.

The fibreglass filter (G810) for TSP sampling was prepared by a HOKLAS accredited laboratory for weighing before and after sampling. Before weighing, the filter was equilibrated in a conditioned environment of:

- temperature between 25°C and 30°C and not vary by more than 3°C; and
- relative humidity <50% and not vary by more than 5%.

The pre-weighted, conditioned and numbered fibreglass filter was centred, with rougher side up, on the supporting screen. The filter was aligned so that the gasket of the frame formed an airtight seal on the outer edges of the filter.

The filter holding frame was placed onto the filter and then tightened with the brass bolts and washers with sufficient pressure to avoid air leakage from the edges.

Any dirt accumulation from around the filter holder was wiped out and then closed the shelter lid and secured with the aluminium strip.

A piece of flow record chart was inserted onto the flow rate recorder and placed under the chart guide clip and the time index clip so that it will rotate freely without binding. Set the time by rotating the drive hub clockwise until the correct time on chart was aligned with time index pointer.

The flow recorder pen was checked to ensure it was inking and pressed the pen on the chart with sufficient pressure to make a visible trace.

The timer was programmed and the start time was recorded on specified field record sheet. Other information such as the filter identification number, the weather and site conditions were also recorded.

5.2.2 1-hour TSP Monitoring

The MIE monitor was switched on by pressing the ON/OFF button. The NEXT button was pressed to select Run or Ready mode.

The NEXT button was pressed subsequently to check the following settings:

- data logging function being switched on;
- 5-min. log period;
- the tag number for storage;
- the analog output of 0-4.000mg/m^3;
- the calibration factor of 1.0;
- the averaging time of 10s;
- enough battery charge; and
- enough remaining memory.

The monitoring was started by pressing ENTER. The real-time concentration was displayed as CONC and the time-averaged concentration was displayed as TWA.

The monitoring was stopped by pressing EXIT and ENTER buttons.

The date and start time, weather, site condition and the downloaded monitoring results were recorded on specified field record sheet.

5.2.3 Maintenance and Calibration

The HVS and their accessories were frequently checked and maintained in accordance with the manufacturer's operation & maintenance manual. Maintenance includes the checking of the supporting screen and the gasket, and routine replacement of motor carbon brushes for the blower motor. The power cords and power supply were checked each time before sampling to ensure proper operation.

The HVS are calibrated at 2-month intervals using GMW-2535 Calibration Kit which will be re-calibrated by the manufacturer after one year of use. The latest calibration results of the HVSs at AM5 were given in Appendix 4. The other HVS calibration results were given in the Monthly EM&A Report - November 2001 (Report No. 23156-11)[9].

The MIE monitor and its accessories were frequently checked and maintained in accordance with the manufacturer's operation & maintenance manual to ensure proper operation. Maintenance includes the checking of batteries, zero and sensitive adjustment and filter replacement.

The MIE monitor is returned to the manufacturer for calibration bi-annually. The calibration certificates of the MIE monitor were given in Monthly EM&A Report – January 2001 (Report No. 23156-01)[6].

5.3 Results

Air quality monitoring was conducted at monitoring stations Ma On Shan Lutheran Primary School (AM2), Ma On Shan Joseph's Primary School (AM3), Villa Concerta, Symphony Bay (AM4) and Club House, Monte Vista (AM5).

A total of six 24-hour TSP monitoring were conducted at each monitoring station in December 2001. The 24-hour TSP monitoring results are tabulated in Table 5-3. Detailed monitoring data are given in Appendix 5.

Table 5-3 - 24-hour TSP monitoring results for December 2001.

Date of Monitoring	24-hour TSP Monitoring Results,(μg/m³)			
	AM2	AM3	AM4	AM5
01/12/01 (Sat)	49.8	67.3	44.7	54.3
07/12/01 (Fri)	68.6	76.2	56.7	92.1
13/12/01 (Thu)	80.6	83.5	75	76.9
19/12/01 (Wed)	43.7	46.7	43.3	37.9
27/12/01 (Thu)	263.8*	142.2	111.4	111.9
31/12/01 (Mon)	115.9	132.9	100.7	111.5

Note: *The 24-hours TSP level at AM2 on 27 December 2001 has exceeded the Limit Level of 260μg/m³. The cause of exceedance is explained in Section 6.5.1.

A total of fifteen 1-hour TSP monitoring were conducted at each monitoring station in December 2001. The monitoring results are tabulated in Table 5-5 and the detailed monitoring data are given in Appendix 6.

Table 5-5 - 1-hour TSP monitoring results for December 2001.

Date of Monitoring	1-hour TSP Monitoring Results,(μg/m^3)			
	AM2	AM3	AM4	AM5
04/12/01 (Tue)	54.7	59.8	67.8	67.2
	57.9	59.8	79.4	70.8
	63.3	67.5	72.3	61.8
11/12/01 (Tue)	52.5	36.8	41.3	42.0
	58.5	42.8	58.6	41.3
	80.4	63.8	77.0	49.0
17/12/01 (Mon)	79.8	72.8	72.7	69.0
	72.8	77.7	71.6	71.0
	75.4	76.7	76.9	70.5
20/12/01 (Thu)	56.1	71.1	50.1	52.5
	59.4	74.9	53.9	49.3
	67.1	84.6	99.8	52.2
28/12/01 (Fri)	173.1	100.3	100.3	91.4
	119.1	95.8	99.8	89.2
	106.6	98.1	105.3	95.6

6. SITE INSPECTION, ENVIRONMENTAL COMPLAINT AND NON-COMPLIANCE RECORDS

6.1 Inspection Results

Four weekly site inspections were conducted in December 2001. Key findings of the site inspections are given below: -

- The Contractor has received Construction Noise Permits (CNP) for evening construction work near Kam Ying Court. Details of the permit conditions are given in CNP No. GW-TN0338-2001 and GW-TN0368-2001 issued on 23 November 2001 and 17 December 2001 respectively. The copies of the CNPs are given in Appendix 7.
- The wastewater treatment facility was relocated to the site entrance near Cheung Muk Tau Village for treating the wastewater from the wheel washing machine. Performance is satisfactory. Photo showing the wastewater treatment facility at site entrance near Cheung Muk Tau Village is given in Figure 6-1.

Figure 6-1 The wastewater treatment facility at site entrance near Cheung Muk Tau Village.

- Oil spillage was observed at Portal D area and TB bridge near Kam Ying Court respectively. As instructed by EA, the Contractor has cleaned up the oil spillage and contaminated soil immediately. Photos showing the oil spillage at Portal D area and TB bridge area are given in Figure 6-2 and Figure 6-3 respectively.

Figure 6-2 The oil spillage at Portal D area.

Figure 6-3 The oil spillage at TB bridge area.

- Oil spillage was observed from a generator at TB bridge near Kam Ying Court. As instructed by EA, the Contractor has cleaned up the oil spillage and closed the generator's doors to minimize the noise generation. Photo showing the pollutants generated from a generator is given in Figure 6-4.
- Noise from the generator was significantly increased as a result of the opened generator enclosure doors. As instructed by EA, the Contractor has closed the generator's doors to minimize the noise generation. Photo showing the pollutants generated from a generator is given in Figure 6-4.

Figure 6-4 The pollutants generated from a generator.

- High S.S. runoff was observed at the retenting walls C1 & C2 near Heng On Estate. As instructed by EA, the Contractor has introduced a lager rock aggregates for filtration. Performance is satisfactory. Photo showing the high S.S. runoff was filtrated by broken rock is given in Figure 6-5.

Figure 6-5 The high S.S. runoff was filtrated by broken rock.

- Most of the formed slopes near entrance No. 6 had been hydroseeded for preventing runoff. The performances are satisfactory. Photo showing the hydroseeded slopes near entrance No. 6 is given in Figure 6-6.

Figure 6-6 The hydroseeded slopes near entrance No. 6

6.2 Waste Disposal

A total of 121 loads of waste from site clearance (i.e. felled trees) has been disposed of at NENT Landfill in December 2001. A total of 790 loads of inert material have been disposed of at Public Filling Area in Tuen Mun by common dump truck in December 2001. The total quantity of the disposed inert material was 10657.4 m^3 in December 2001. The total tonnage of the waste disposal in December 2001 was 814.2 tonnes.

6.3 EPD Site Inspection

EA was informed by the Contractor that EPD had visited the construction site on 6,7 and 16 December 2001. The details of the visit are summarised in the EPD's inspection records no. EP52/W1/C255 and GW-TN0341-2001. The copy of the EPD's Inspection Record is given in Appendix 8.

6.4 Complaint Record

Four public complaints regarding construction noise and air were received on 2,3,7 and 14 December 2001 from Environmental Protection Department. The cases are being followed up by ER and ET. The details of the complaints are given in Appendix 9.

6.5 Non-compliance Record

6.5.1 Exceedance of 24-hour TSP level on 27 December 2001

The TSP monitoring results at AM2 on 27 December 2001 showed exceedance of 24-hour TSP limit level.

After liaison with the Principal of Ma On Shan Lutheran Primary School, it was understood that the exceedance was due to the roof waterproofing works during the said period. Photo showing the waterproofing works on the roof at Ma On Shan Lutheran Primary School is given in Figure 6-7.

Figure 6-7 Roof waterproofing works at Ma On Shan Lutheran Primary School.

7. REFERENCES

[1] Truck Road T7 in Ma On Shan - Environmental Impact Assessment Study, Final Assessment Report, Maunsell Consultants Asia Limited.

[2] Brief for Environmental Monitoring and Audit for the Sha Tin New Town, stage II Contract No. ST 86/2000 Construction of Road T7 in Ma On Shan, Maunsell Consultants Asia Limited.

[3] Environmental Permit No. EP-057/2000 for the Designated Project "Truck Road T7 in Ma On Shan", Environmental Protection Department, HKSAR.

[4] Trunk Road T7 in Ma On Shan - Environmental Monitoring and Audit Manual, Maunsell Consultant Asia Limited, HKSAR.

[5] Sha Tin New Town, Stage II Contract No. ST 86/2000 Construction of Road T7 in Ma On Shan - Baseline Monitoring Report, Maunsell Consultants Asia Ltd.

[6] Sha Tin New Town, Stage II Contract No. ST 86/2000 Construction of Road T7 in Ma On Shan Monthly EM&A Report – January 2001, Ove Arup & Partners Hong Kong Limited.

[7] Sha Tin New Town, Stage II Contract No. ST 86/2000 Construction of Road T7 in Ma On Shan Monthly EM&A Report – October 2001, Ove Arup & Partners Hong Kong Limited.

[8] Title 40 of the Code of Federal Regulations, Chapter 1, Part 50 - National Primary and Secondary Ambient Air Quality Standards, Appendix B - Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere (High-volume Method), Environmental Protection Agency, US.

[9] Sha Tin New Town, Stage II Contract No. ST 86/2000 Construction of Road T7 in Ma On Shan Monthly EM&A Report – November 2001, Ove Arup & Partners Hong Kong Limited.

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APPENDIX 1

EM&A Programme for December 2001

Environmental Monitoring and Audit Schedule - December 2001

Note 1: **L30** denotes $L_{eq(30\ min)}$

Note 2: **TSP** denotes Total Suspended Particulate

Dec-2001						
S	**M**	**T**	**W**	**T**	**F**	**S**
						1 24-hour TSP monitoring
2 *	3	4 L30 monitoring 3 x 1-hour TSP monitoring	5 Site inspection	6	7 24-hour TSP monitoring	8 *
9	10	11 L30 monitoring 3 x 1-hour TSP monitoring	12 Site inspection	13 24-hour TSP monitoring	14 *	15
16	17 L30 monitoring 3 x 1-hour TSP monitoring	18	19 Site inspection 24-hour TSP monitoring	20 3 x 1-hour TSP monitoring *	21	22
23	24	25	26 *	27 Site inspection 24-hour TSP monitoring	28 L30 monitoring 3 x 1-hour TSP monitoring	29
30	31 24-hour TSP monitoring			*		

APPENDIX 2

EM&A Schedule for January 2002

Environmental Monitoring and Audit Schedule - January 2002

Note 1: **L30** denotes $L_{eq(30\ min)}$

Note 2: **TSP** denotes Total Suspended Particulate

Jan-2002						
S	**M**	**T**	**W**	**T**	**F**	**S**
		1	2 Site inspection	3 L30 monitoring 3 x 1-hour TSP monitoring	4	5 24-hour TSP monitoring
6	7	8	9 Site inspection L30 monitoring 3 x 1-hour TSP monitoring	10	11	12 24-hour TSP monitoring
13	14	15 L30 monitoring 3 x 1-hour TSP monitoring	16 Site inspection	17	18 24-hour TSP monitoring	19
20	21	22 L30 monitoring 3 x 1-hour TSP monitoring	23 Site inspection	24 24-hour TSP monitoring	25	26
27	28 L30 monitoring 3 x 1-hour TSP monitoring	29	30 Site inspection 24-hour TSP monitoring	31		

APPENDIX 3

Noise Impact Monitoring Results for December 2001

Details of Noise Impact Monitoring

Month	Date	NSR No.	Time periods		Weather condition	Avg. wind speed (m/s)	Noise Level dB(A)		
			Start	Finish			L_{eq}	L_{10}	L_{90}
Dec-01	04-Dec-01	NM2	14:15	14:45	sunny	0.3	63.4	65.4	60.4
Dec-01	04-Dec-01	NM3	13:40	14:10	sunny	0.1	66.4	68.4	63.9
Dec-01	04-Dec-01	NM4	13:00	13:30	sunny	0.6	63.3	65.9	58.9
Dec-01	04-Dec-01	NM6	10:15	10:45	sunny	0.1	65.2	67.4	61.9
Dec-01	04-Dec-01	NM7	10:55	11:25	sunny	0.9	60.6	61.9	57.4
Dec-01	04-Dec-01	NM8	11:30	12:00	sunny	0.2	64.3	68.9	55.9
Dec-01	11-Dec-01	NM2	14:35	15:05	cloudy	0.6	62.1	64.5	59.0
Dec-01	11-Dec-01	NM3	15:15	15:45	cloudy	0.1	63.1	65.5	59.0
Dec-01	11-Dec-01	NM4	13:50	14:20	cloudy	0.4	60.4	62.1	50.1
Dec-01	11-Dec-01	NM6	13:00	13:30	cloudy	0.5	60.8	62.1	53.6
Dec-01	11-Dec-01	NM7	13:00	13:30	cloudy	1.2	59.9	62.0	57.0
Dec-01	11-Dec-01	NM8	16:20	16:50	cloudy	1.5	64.2	66.5	60.0
Dec-01	17-Dec-01	NM2	10:50	11:20	cloudy	0.2	62.9	64.7	60.6
Dec-01	17-Dec-01	NM3	11:00	11:30	cloudy	0.1	63.5	65.5	60.5
Dec-01	17-Dec-01	NM4	9:55	10:25	cloudy	0.1	62.2	63.5	60.8
Dec-01	17-Dec-01	NM6	9:10	9:40	cloudy	0.2	67.6	71.1	60.6
Dec-01	17-Dec-01	NM7	9:15	9:45	cloudy	0.1	57.9	59.5	52.5
Dec-01	17-Dec-01	NM8	9:50	10:20	cloudy	0.3	65.4	68.5	55.5
Dec-01	28-Dec-01	NM2	13:35	14:05	sunny	0.2	59.2	60.5	56.0
Dec-01	28-Dec-01	NM3	13:00	13:30	sunny	0.1	63.3	65.5	59.0
Dec-01	28-Dec-01	NM4	11:30	12:00	sunny	0.1	65.8	66.5	64.0
Dec-01	28-Dec-01	NM6	9:20	9:50	sunny	0.1	59.9	62.0	54.5
Dec-01	28-Dec-01	NM7	10:10	10:40	sunny	0.5	55.3	57.5	50.0
Dec-01	28-Dec-01	NM8	10:45	11:15	sunny	0.4	65.1	70.0	56.5

APPENDIX 4

Calibration Result of High Volume Sampler at AM5 on 12 December 2001

Ove Arup Partners (Hong Kong) Limited

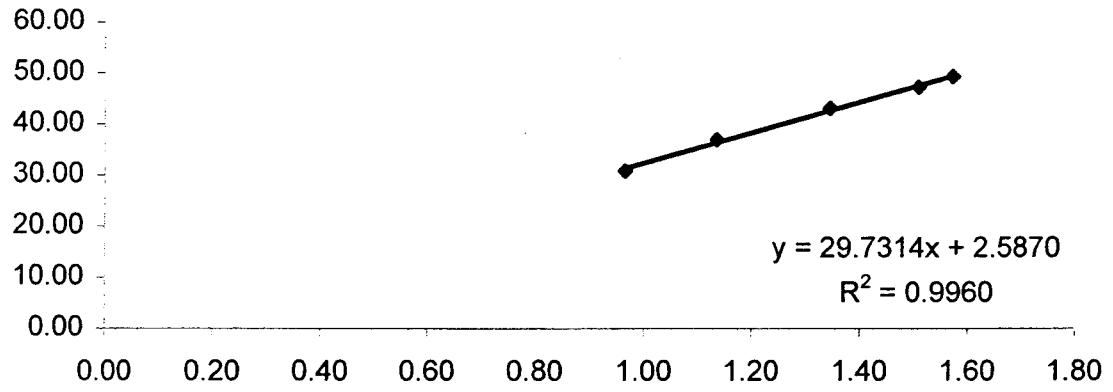
High Volume Air Sampler Calibration Worksheet

Calibration date	11-Dec-01	**Barometric pressure**	793.5 mm Hg
Next Calibration date	09-Feb-02	**Tempature (°C)**	23 °C
Sampler location	Roof, Club House, Monte Vista	**Tempature (K)**	296 K
Sampler model	GMWS-2310-105	**P_{std}**	760 mm Hg
Sampler serial number	1763	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1387
Slope of the standard curve, m_s	1.9512
Intercept of the standard curve, b_s	0.006785

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	3.40	30.00	0.97	30.76
7	4.70	36.00	1.14	36.91
10	6.60	42.00	1.35	43.06
13	8.30	46.00	1.51	47.16
18	9.00	48.00	1.57	49.21

Calibration Curve



Linear Regression

Sampler slope (m) :	**29.7314**
Sampler intercept (b) :	**2.5870**
Correlation coefficient (R^2) :	**0.9960**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 11/12/01

Checked by: _____ Date: 12/12/01

G:\env\project\23156\env_data\dust\Mos-1763\1763-Worksheet

APPENDIX 5

24-hour TSP Monitoring Results for December 2001

Details of 24-Hour TSP Monitoring

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time (mins.)	Total vol. (m^3)	24-hour TSP Level ($\mu g/m^3$)
						Initial	Final		Initial	Final		Start	Finish			
CH06	Dec-01	01-Dec-01	AM2	sunny	normal operation	3.4210	3.5081	0.0871	1.2600	1.1697	1.2149	1176.36	1200.37	1440.60	1750.11	49.8
CH07	Dec-01	01-Dec-01	AM3	sunny	normal operation	3.6005	3.7263	0.1258	1.3221	1.2726	1.2974	1065.83	1089.83	1440.00	1868.18	67.3
CH08	Dec-01	01-Dec-01	AM4	sunny	normal operation	3.6036	3.6860	0.0824	1.3347	1.2266	1.2807	1138.10	1162.10	1440.00	1844.14	44.7
CH09	Dec-01	01-Dec-01	AM5	sunny	normal operation	3.5999	3.7339	0.1340	1.7266	1.7016	1.7141	694.17	718.17	1440.00	2468.30	54.3
CH10	Dec-01	07-Dec-01	AM2	cloudy	normal operation	3.6159	3.7452	0.1293	1.3416	1.2757	1.3087	1200.37	1224.37	1440.00	1884.46	68.6
CH11	Dec-01	07-Dec-01	AM3	cloudy	normal operation	3.6105	3.7536	0.1431	1.2991	1.3102	1.3047	1089.83	1113.82	1439.40	1877.91	76.2
CJ56	Dec-01	07-Dec-01	AM4	cloudy	normal operation	3.5643	3.6665	0.1022	1.2749	1.2282	1.2516	1162.10	1186.10	1440.00	1802.23	56.7
CJ57	Dec-01	07-Dec-01	AM5	cloudy	normal operation	3.5521	3.7074	0.1553	1.7713	1.7409	1.7561	742.17	758.17	960.00	1685.86	92.1
CJ62	Dec-01	13-Dec-01	AM2	cloudy	normal operation	3.5630	3.7223	0.1593	1.4244	1.3193	1.3719	1227.37	1251.37	1440.00	1975.46	80.6
CJ63	Dec-01	13-Dec-01	AM3	cloudy	normal operation	3.5707	3.7309	0.1602	1.3638	1.3020	1.3329	1116.82	1140.82	1440.00	1919.38	83.5
CJ64	Dec-01	13-Dec-01	AM4	cloudy	normal operation	3.5684	3.7124	0.1440	1.3733	1.2950	1.3342	1190.10	1214.07	1438.20	1918.77	75.0
CJ65	Dec-01	13-Dec-01	AM5	cloudy	normal operation	3.5702	3.7069	0.1367	1.2302	1.2377	1.2340	769.49	793.49	1440.00	1776.89	76.9
CJ66	Dec-01	19-Dec-01	AM2	Fine	normal operation	3.5714	3.6562	0.0848	1.3931	1.3022	1.3477	1251.37	1275.37	1440.00	1940.62	43.7
CJ67	Dec-01	19-Dec-01	AM3	Fine	normal operation	3.5669	3.6549	0.0880	1.3020	1.3117	1.3069	1140.82	1164.83	1440.60	1882.65	46.7
CJ68	Dec-01	19-Dec-01	AM4	Fine	normal operation	3.5650	3.6467	0.0817	1.3670	1.2562	1.3116	1214.07	1238.07	1440.00	1888.70	43.3
CJ69	Dec-01	19-Dec-01	AM5	Fine	normal operation	3.5579	3.6278	0.0699	1.2717	1.2885	1.2801	793.49	817.49	1440.00	1843.34	37.9
CJ70	Dec-01	27-Dec-01	AM2	sunny	normal operation	3.5419	4.0570	0.5151	1.3767	1.3349	1.3558	1275.37	1299.37	1440.00	1952.35	263.8
CJ71	Dec-01	27-Dec-01	AM3	sunny	normal operation	3.5532	3.8256	0.2724	1.3386	1.3216	1.3301	1164.83	1188.83	1440.00	1915.34	142.2
CJ72	Dec-01	27-Dec-01	AM4	sunny	normal operation	3.5529	3.7702	0.2173	1.3778	1.3325	1.3552	1238.07	1262.07	1440.00	1951.42	111.4
CJ73	Dec-01	27-Dec-01	AM5	sunny	normal operation	3.5348	3.7428	0.2080	1.2885	1.2942	1.2914	817.49	841.49	1440.00	1859.54	111.9
CJ74	Dec-01	31-Dec-01	AM2	sunny	normal operation	3.5413	3.7723	0.2310	1.3849	1.3827	1.3838	1299.37	1323.37	1440.00	1992.67	115.9
CJ76	Dec-01	31-Dec-01	AM3	sunny	normal operation	3.5469	3.7995	0.2526	1.3216	1.3189	1.3203	1188.83	1212.82	1439.40	1900.37	132.9
CJ77	Dec-01	31-Dec-01	AM4	sunny	normal operation	3.5495	3.7428	0.1933	1.3325	1.3340	1.3333	1262.07	1286.07	1440.00	1919.88	100.7
CJ78	Dec-01	31-Dec-01	AM5	sunny	normal operation	3.5518	3.7598	0.2080	1.2942	1.2966	1.2954	841.49	865.49	1440.00	1865.38	111.5

APPENDIX 6

1-hour TSP Monitoring Results for December 2001

Details of 1-Hour TSP Monitoring

Month	Date	Receptor No.	Set No.	Time periods		Weather condition	Site condition	Temp. (°C)	Pressure (mmHg)	1-hour TSP Level (μg/g³)
				Start	Finish					
Dec-01	04-Dec-01	AM2	1	9:15	10:15	sunny	normal operation	29.0	783.8	54.7
Dec-01	04-Dec-01	AM2	2	10:45	11:45	sunny	normal operation	29.0	783.8	57.9
Dec-01	04-Dec-01	AM2	3	13:25	14:25	sunny	normal operation	29.0	783.8	63.3
Dec-01	04-Dec-01	AM3	1	8:53	9:53	sunny	normal operation	29.0	783.8	59.8
Dec-01	04-Dec-01	AM3	2	10:58	11:58	sunny	normal operation	29.0	783.8	59.8
Dec-01	04-Dec-01	AM3	3	13:08	14:08	sunny	normal operation	29.0	783.8	67.5
Dec-01	04-Dec-01	AM4	1	9:57	10:57	sunny	normal operation	27.0	788.3	67.8
Dec-01	04-Dec-01	AM4	2	10:57	11:57	sunny	normal operation	27.0	788.3	79.4
Dec-01	04-Dec-01	AM4	3	13:02	14:02	sunny	normal operation	27.0	788.3	72.3
Dec-01	04-Dec-01	AM5	1	10:53	11:53	sunny	normal operation	27.0	788.3	67.2
Dec-01	04-Dec-01	AM5	2	13:02	14:02	sunny	normal operation	27.0	788.3	70.8
Dec-01	04-Dec-01	AM5	3	14:02	15:02	sunny	normal operation	27.0	788.3	61.8
Dec-01	11-Dec-01	AM2	1	13:05	14:05	cloudy	normal operation	23.0	793.5	52.5
Dec-01	11-Dec-01	AM2	2	14:05	15:05	cloudy	normal operation	23.0	793.5	58.5
Dec-01	11-Dec-01	AM2	3	15:05	16:05	cloudy	normal operation	23.0	793.5	80.4
Dec-01	11-Dec-01	AM3	1	13:05	14:05	cloudy	normal operation	23.0	793.5	36.8
Dec-01	11-Dec-01	AM3	2	14:05	15:05	cloudy	normal operation	23.0	793.5	42.8
Dec-01	11-Dec-01	AM3	3	15:05	16:05	cloudy	normal operation	23.0	793.5	63.8
Dec-01	11-Dec-01	AM4	1	13:03	14:03	cloudy	normal operation	22.0	792.0	41.3
Dec-01	11-Dec-01	AM4	2	14:03	15:03	cloudy	normal operation	22.0	792.0	58.6
Dec-01	11-Dec-01	AM4	3	15:03	16:03	cloudy	normal operation	22.0	792.0	77.0
Dec-01	11-Dec-01	AM5	1	13:01	14:01	cloudy	normal operation	22.0	793.5	42.0
Dec-01	11-Dec-01	AM5	2	14:01	15:01	cloudy	normal operation	22.0	793.5	41.3
Dec-01	11-Dec-01	AM5	3	15:01	16:01	cloudy	normal operation	22.0	793.5	49.0
Dec-01	17-Dec-01	AM2	1	8:43	9:43	cloudy	normal operation	24.0	774.5	79.8
Dec-01	17-Dec-01	AM2	2	9:43	10:43	cloudy	normal operation	24.0	774.5	72.8
Dec-01	17-Dec-01	AM2	3	10:43	11:43	cloudy	normal operation	24.0	774.5	75.4
Dec-01	17-Dec-01	AM3	1	8:34	9:34	cloudy	normal operation	24.0	774.5	72.8
Dec-01	17-Dec-01	AM3	2	9:34	10:34	cloudy	normal operation	24.0	774.5	77.7
Dec-01	17-Dec-01	AM3	3	10:34	11:34	cloudy	normal operation	24.0	774.5	76.7
Dec-01	17-Dec-01	AM4	1	8:58	9:58	cloudy	normal operation	24.0	772.5	72.7
Dec-01	17-Dec-01	AM4	2	9:58	10:58	cloudy	normal operation	24.0	772.5	71.6
Dec-01	17-Dec-01	AM4	3	10:58	11:58	cloudy	normal operation	24.0	772.5	76.9
Dec-01	17-Dec-01	AM5	1	8:59	9:59	cloudy	normal operation	24.0	772.5	69.0
Dec-01	17-Dec-01	AM5	2	9:59	10:59	cloudy	normal operation	24.0	772.5	71.0
Dec-01	17-Dec-01	AM5	3	10:59	11:59	cloudy	normal operation	24.0	772.5	70.5
Dec-01	20-Dec-01	AM2	1	8:58	9:58	fine	normal operation	22.0	783.0	56.1
Dec-01	20-Dec-01	AM2	2	9:58	10:58	fine	normal operation	22.0	783.0	59.4
Dec-01	20-Dec-01	AM2	3	10:58	11:58	fine	normal operation	22.0	783.0	67.1
Dec-01	20-Dec-01	AM3	1	9:00	10:00	fine	normal operation	22.0	783.0	71.1
Dec-01	20-Dec-01	AM3	2	10:00	11:00	fine	normal operation	22.0	783.0	74.9
Dec-01	20-Dec-01	AM3	3	11:00	12:00	fine	normal operation	22.0	783.0	84.6
Dec-01	20-Dec-01	AM4	1	9:00	10:00	fine	normal operation	21.0	783.8	50.1
Dec-01	20-Dec-01	AM4	2	10:00	11:00	fine	normal operation	21.0	783.8	53.9
Dec-01	20-Dec-01	AM4	3	11:00	12:00	fine	normal operation	21.0	783.8	99.8
Dec-01	20-Dec-01	AM5	1	8:57	9:57	fine	normal operation	21.0	783.8	52.5
Dec-01	20-Dec-01	AM5	2	9:57	10:57	fine	normal operation	21.0	783.8	49.3
Dec-01	20-Dec-01	AM5	3	10:57	11:57	fine	normal operation	21.0	783.8	52.2
Dec-01	28-Dec-01	AM2	1	8:59	9:59	sunny	normal operation	22.0	783.0	173.1
Dec-01	28-Dec-01	AM2	2	9:59	10:59	sunny	normal operation	22.0	783.0	119.1
Dec-01	28-Dec-01	AM2	3	10:59	11:59	sunny	normal operation	22.0	783.0	106.6
Dec-01	28-Dec-01	AM3	1	8:48	9:48	sunny	normal operation	22.0	783.0	100.3
Dec-01	28-Dec-01	AM3	2	9:48	10:48	sunny	normal operation	22.0	783.0	95.8
Dec-01	28-Dec-01	AM3	3	13:03	14:03	sunny	normal operation	22.0	783.0	98.1
Dec-01	28-Dec-01	AM4	1	9:16	10:16	sunny	normal operation	21.0	783.8	100.3
Dec-01	28-Dec-01	AM4	2	10:56	11:56	sunny	normal operation	21.0	783.8	99.8
Dec-01	28-Dec-01	AM4	3	13:06	14:06	sunny	normal operation	21.0	783.8	105.3
Dec-01	28-Dec-01	AM5	1	9:29	10:29	sunny	normal operation	21.0	783.8	91.4
Dec-01	28-Dec-01	AM5	2	10:29	11:29	sunny	normal operation	21.0	783.8	89.2
Dec-01	28-Dec-01	AM5	3	13:04	14:04	sunny	normal operation	21.0	783.8	95.6

APPENDIX 7

Construction Noise Permit No. GW-TN0340-2001 and GW-TN0368-2001

本署檔號
OUR REF: (4) in EP531/N01/TN0368-2001
來函檔號
YOUR REF:
電 話
TEL. NO.: 26343828
圖文傳真
FAX NO.: 26851133
網 址
Homepage: http://www.info.gov.hk/epd

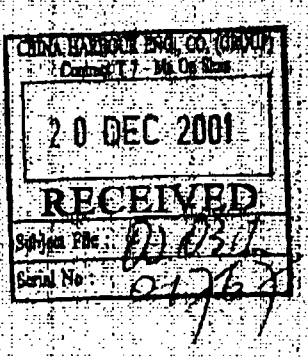
Environmental Protection Department
Local Control Office / Territory North
Units 1101-10 & 1119-21, Level 11,
Grand Central Plaza, Tower I,
138 Sha Tin Rural Committee Road,
Sha Tin, New Territories,
Hong Kong.

環境保護署
污染管制辦事處
(新界北)
香港新界沙田
沙田鄉事會路 138 號
新城市中央廣場
第一座十一樓
1101-10, 1119-21 室

Registered Post

17 December 2001

To: China Harbour Engineering Company (Group)
19/F., China Harbour Building,
370-374 King's Road,
North Point,
Hong Kong.



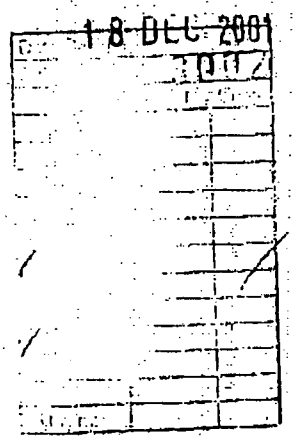
Dear Sir,

Notice of Issue of Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance (Cap. 400)

I write to inform you that, under section 8(6) of the Noise Control Ordinance, the Authority has decided to issue a construction noise permit in respect of your application, which was received by the Authority on 28 November 2001, **for the use of powered mechanical equipment for carrying out construction work** at **Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.**

The construction noise permit No. **GW-TN0368-2001** is enclosed.

Please note that a special condition concerning advance notification of work has been incorporated into this construction noise permit. Enclosed please find a form which you may use to notify the Authority prior to the commencement of construction work. You are strongly advised to read the conditions of the permit carefully and to ensure compliance with these conditions. Any breaching of the conditions may lead to cancellation of the permit, subsequent prosecution action and the Authority's refusal to issue further permit for the above construction site.



Yours faithfully,

(SZETO Wing-Kwok)
for Authority

FORM 3 [reg. 5(a)]

NOISE CONTROL ORDINANCE

(Chapter 400)

SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

GW-TN0368-2001

CONSTRUCTION NOISE PERMIT NO. .....

To : **China Harbour Engineering Company (Group)**

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :
   Full address : **Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.**
   ..... Lot No. : .....
   The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. *~~PART~~/WHOLE of the site falls *~~WITHIN~~/OUTSIDE a designated area.

3. Powered Mechanical Equipment

   a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	*Description of item of powered mechanical equipment*	*No. of units*
CNP 044	**Concrete lorry mixer**	**One**
CNP 048	**Crane, mobile (diesel)**	**One**
CNP 103	**Generator, super silenced, 70 dB(A) at 7m**	**One**
CNP 165	**Piling, large diameter bored, oscillator**	**One**

   b. Validity of the construction noise permit for the use of the powered mechanical equipment :
   Date and time of commencement : **18 December 2001 19:00 hours**
   Days and hours : **Any day not being a general holiday including Sunday between 19:00 and 23:00 hours.**
   .....
   This part of the permit expires on : **18 April 2002** at **23:00 hours**

   c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

   d. Other conditions imposed on the use of the powered mechanical equipment :
   Refer to attached sheet.
   .....
   .....

4. Prescribed Construction Work

a. Type of prescribed construction work which may be carried out inside the site boundary :

Identification code of type of prescribed construction work	*Description of type of prescribed construction work*
	Nil.

b. Validity of the construction noise permit for the carrying out of the prescribed construction work :

Date and time of commencement : **Not applicable**

Days and hours : **Not applicable**

This part of the permit expires on : **Not applicable** at **Not applicable**

c. Site layout plan(s), endorsed by the Authority, may be attached with the permit to indicate the locations permitted for the carrying out of prescribed construction work described in this permit. The layout plan(s) is(are) required to be kept on the construction site and made available for inspection by the Authority.

d. Other conditions imposed on the carrying out of the prescribed construction work :

Not applicable

5. This construction noise permit or a copy thereof must be displayed on the construction site at **all vehicular site entrances and exits for public information at all times when powered mechanical equipment covered by the permit is being used for carrying out construction work.**

Dated this **17th** day of **December** **2001**

Signed : **(SZETO Wing-kwok)**
Authority
For

* Delete as necessary

表格 3 〔第5(a)條〕

噪音管制條例
(第400章)
第8(9)條

建築噪音許可證
爲進行建築工程(撞擊式打樁除外)
而使用機動設備及/或進行訂明建築工程

GW-TN0368-2001

建築噪音許可證編號：.....

致：中國港灣建設(集團)總公司

本建築噪音許可證是按照《噪音管制條例》第8條的規定而發出的，現准予使用機動設備以進行撞擊式打樁工程以外的建築工程及/或進行訂明建築工程，但須受以下條件規限。若不按照該等條件進行建築工程，許可證可遭撤銷，而且會受到檢控。

條 件

1. 可使用機動設備及/或進行訂明建築工程的建築地盤：

詳細地址：新界馬鞍山T7公路近錦英苑

地段編號：.....

地盤範圍(即可使用機動設備及進行訂明建築工程的地方範圍)已描劃於夾附的圖則上，而該圖則是本建築噪音許可證的一部分。

2. 該地盤~~部分~~/全部*位於指定範圍之內/外*。

3. 機動設備

a. 在地盤範圍內可使用的各項機動設備：

各項機動設備的識辨代碼(如適用的話)	*各項機動設備的說明*	*數目*
CNP 044	混凝土攪拌車	壹
CNP 048	起重機，流動(油渣)	壹
CNP 103	發電機，超低噪音型在7米距離時70分貝(A)	壹
CNP 165	大直徑鑽孔樁，擺動機	壹

b. 可使用機動設備的建築噪音許可證有效期：

生效日期及時間：二零零一年十二月十八日 晚上七時正

日期及時間：一般假期包括星期日以外的任何一天晚上七時正至晚上十一時正

此部分許可證屆滿日期及時間：二零零二年四月十八日 晚上十一時正

日期 時間

c. 建築地盤須備有本建築噪音許可證所述每件機動設備的照片各一幀，供監督隨時查看；該等照片須經監督認可。

d. 規限使用機動設備的其他條件：

參照附頁

4. 訂明建築工程

a. 在地盤範圍內可進行的訂明建築工程：

訂明建築工程的識別代碼	訂明建築工程的類別的說明
	無

b. 可進行訂明建築工程的建築噪音許可證有效期：

生效日期及時間：不適用

日期及時間：不適用

此部分許可證屆滿日期及時間：不適用 日期 不適用 時間

c. 本許可證可夾附經監督認可的地盤圖則，以顯示本許可證准予進行訂明建築工程的地點。該地盤圖則須存放於建築地盤供監督隨時查冏。

d. 規限進行訂明建築工程的其他條件：

不適用

5. 本建築噪音許可證或其副本必須展示於建築地盤的所有車輛進出口處，以便在使用此證內載列的機動設備進行建築工程的任何時候，給予公眾人仕參閱。

日期：2001 年 12 月 17 日

永興

簽署：

監督

（司徒永國代行）

*刪去不適用者

附貝一

建築噪音許可證
編號GW-TN0368-2001的附頁（共一頁）

3d. 規限使用機動設備的其他條件：

i. 在進行此許可證內所載列的建築工程時，必須確保已於施工前48小時將施工地點、日期及時間等資料以傳真(傳真號碼:2685 1133)或郵遞方式送遞監督。

ii. 在任何時間內展示兩頁載有本建築噪音許可證內「主要資料」之A3尺寸告示的彩色副本於本建築噪音許可證旁。

iii. 所有機動設備祇可在隔音屏障後使用，該隔音屏障必須不少於7米高。

iv. 當許可證編號GW-TN0220-2001所載列的機動設備在同一天晚上七時正至十一時正使用時，則本許可證內所載列的機動設備不可使用。

v. 本許可證持有人須確保竭力從速完成該等建築工程，並小心防範會引起的噪音干擾。

簽署：
監督
（司徒永國代行）

Sheet 1 of 1

Sheet Attached to Construction
Noise Permit No. GW-TN0368-2001

3d. Other conditions imposed on the use of the powered mechanical equipment:

i. The construction work in relation to this Construction Noise Permit shall only be carried out with prior notification of the location, the date and the time of the work to reach the Authority by fax (fax no. 2685 1133) or by post at least 48 hours before commencing the work.

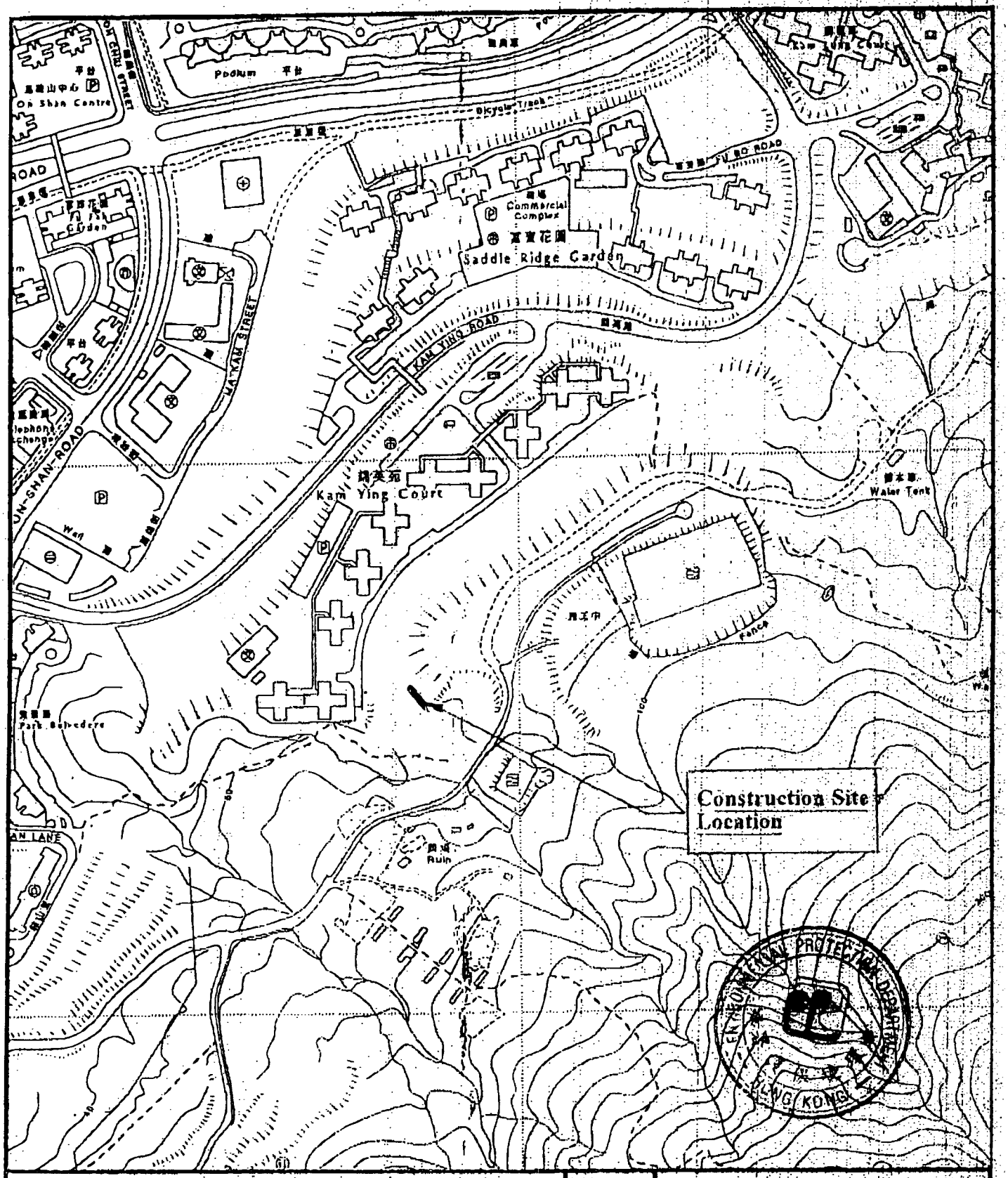
ii. Colour copies of two pages of A3 size notice showing "Key Information" of this Construction Noise Permit shall be displayed at all times next to copies of this Construction Noise Permit.

iii. All the powered mechanical equipment shall only be operated behind an acoustic barrier of minimum 7m high.

iv. The powered mechanical equipment covered by this permit shall not be operated when the powered mechanical equipment covered by CNP No: GW-TN0220-2001 are being used between 19:00 hours and 23:00 hours on the same day.

v. All care shall be taken to ensure that the construction work is carried out as quickly as possible with due regard for the potential noise intrusion which may result.

Signed:
(SZETO Wing-kwok)
for Authority



ENVIRONMENTAL PROTECTION DEPARTMENT 環境保護署	Scale 比例 1:5,000	Legend 圖例 Construction Site 建築地盤

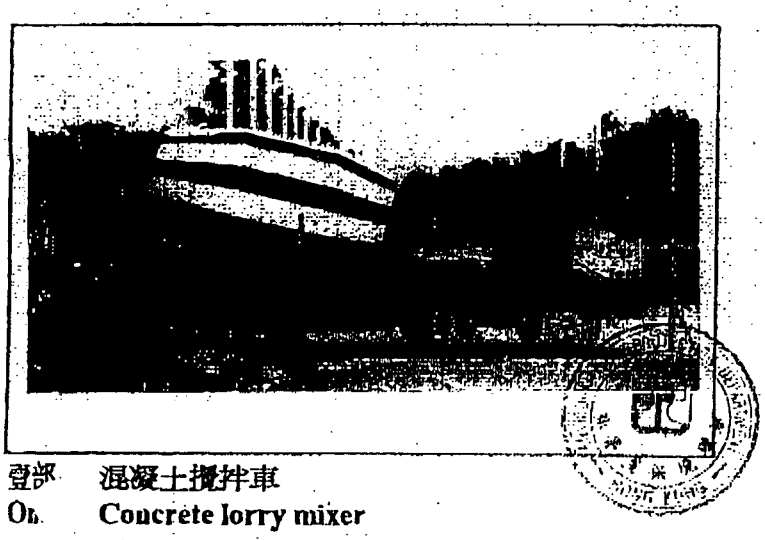
Plan attached to Construction Noise Permit No. GW-TN0368-2001
建築噪音許可證編號 GW-TN0368-2001 **的附圖**

主要資料 Key Information

建築噪音許可證編號:
Construction Noise Permit No.: GW-TN-0368-2001

許可證持有人:	中國港灣建設(集團)總公司
地點:	新界馬鞍山T7公路近錦英苑
有效期:	2001年12月18日至2002年4月18日
生效時間:	星期一至六(假日除外) 晚上7時至晚上11時
Permit Holder:	**China Harbour Engineering Company (Group)**
Location:	**Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.**
Validity period:	**18 December 2001 to 18 April 2002**
Permitted Hours:	**Mon.-Sat.(except holidays) 7:00pm to 11:00pm**

准許
Permit



壹部 混凝土攪拌車
One **Concrete lorry mixer**

壹部 起重機，流動（柴渣）
One **Crane, mobile (diesel)**

壹部 發電機，超低噪音型在7米距離時70分貝(A)
One **Generator, super silenced, 70 dB(A) at 7m**

壹部 大直徑鑽孔樁，擺動機
One **Piling, large diameter bored, oscillator**

其他

如欲了解其他獲准使用的機動設備或限制條件，請參閱建築噪音許可證 GW-TN0368-2001。

投訴或查詢

如需即時協助請致電 馬鞍山分區警署，電話 2640-0109。

如有需要，請於辦公時間內致電 環境保護署 要求跟進，電話 2685-1122。

*在星期一至六(假日除外)的上午7時至下午7時所進行的建築工程不受噪音管制條例管制。

Others

Please refer to the Construction Noise Permit GW-TN0368-2001 for other permitted powered mechanical equipment or conditions.

Complaint or Enquiry

Please call **Ma On Shan Division Police Station** at **2640-0109** for **immediate assistance.**

Please call **Environmental Protection Department** during office hours at **2685-1122** for follow-up action, if necessary.

Construction work conducted between 7am -- 7pm from Mon. to Sat. (except public holidays) is not controlled under the Noise Control Ordinance.

OUR REF:
來函檔號
YOUR REF:
電 話 26343828
TEL. NO.:
圖文傳真
FAX NO.: 26851155
網 址
Homepage: http://www.info.gov.hk/epd

Local Control Office/Territory North
Units 1101-10 & 1119-21, Level 11,
Grand Central Plaza, Tower I,
138 Sha Tin Rural Committee Road,
Sha Tin, New Territories,
Hong Kong.

污染管制辦事處
(新界北)
香港新界沙田
沙田鄉事會路 138
新城市中央廣場
第一座十一樓
1101-10, 1119-21

Registered Post

23 November 2001

To: China Harbour Engineering Company (Group)
19/F., China Harbour Building,
370-374 King's Road,
North Point,
Hong Kong.

Dear Sir,

Notice of Issue of Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance (Cap. 400)

I write to inform you that, under section 8(6) of the Noise Control Ordinance, the Authority has decided to issue a construction noise permit in respect of your application, which was received by the Authority on 5 November 2001, **for the use of powered mechanical equipment for carrying out construction work at Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.**

The construction noise permit No. **GW-TN0340-2001** is enclosed.

You are advised to read the conditions of the permit carefully and to ensure compliance with these conditions. Any breaching of the conditions may lead to cancellation of the permit, subsequent prosecution action and the Authority's refusal to issue further permit for the above construction site.

Yours faithfully,

(SZETO Wing-kwok)
for Authority

FORM 3 [reg.5(a)
NOISE CONTROL ORDINANCE
(Chapter 400)
SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. GW-TN0340-2001

To : China Harbour Engineering Company (Group)

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :
   Full address : Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.
   Lot No. : ——
   The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. *~~PART~~/WHOLE of the site falls *~~WITHIN~~/OUTSIDE a designated area.

3. Powered Mechanical Equipment

   a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	*Description of item of powered mechanical equipment*	*No. of units*
CNP 102	Generator, silenced, 75 dB(A) at 7 m	One
CNP 166	Piling, large diameter bored, reverse circulation drill	Two
——	Air compressor with noise emission label, Sound Power Level ≦ 104dB(A)	Two

   b. Validity of the construction noise permit for the use of the powered mechanical equipment :
   Date and time of commencement : 3 December 2001 19:00 hours
   Days and hours : General holiday including Sunday between 07:00 and 23:00 hours and any day not being a general holiday between 19:00 and 23:00 hours.
   This part of the permit expires on : 2 June 2002 at 23:00 hours

   c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

   d. Other conditions imposed on the use of the powered mechanical equipment :
   i) Colour copies of two pages of A3 size notice showing "Key Information" of this Construction Noise Permit shall be displayed at all times next to copies of this Construction Noise Permit.
   ii) All care shall be taken to ensure that the construction work is carried out as quickly as possible with due regard for the potential noise intrusion which may result.

4. Prescribed Construction Work

a. Type of prescribed construction work which may be carried out inside the site boundary :

Identification code of type of prescribed construction work	*Description of type of prescribed construction work*
	Nil.

b. Validity of the construction noise permit for the carrying out of the prescribed construction work :

Date and time of commencement : Not applicable

Days and hours : Not applicable

This part of the permit expires on : Not applicable at Not applicable

c. Site layout plan(s), endorsed by the Authority, may be attached with the permit to indicate the locations permitted for the carrying out of prescribed construction work described in this permit. The layout plan(s) is(are) required to be kept on the construction site and made available for inspection by the Authority.

d. Other conditions imposed on the carrying out of the prescribed construction work :

Not applicable

5. This construction noise permit or a copy thereof must be displayed on the construction site at all vehicular site entrances and exits for public information at all times when the powered mechanical equipment covered by the permit are being used for carrying out construction work.

Dated this 23rd day of November 2001

Signed : (SZETO Wing-kwok)

for *Authority*

* Delete as necessary

表格 3 〔第5(a)條〕

噪音管制條例

(第400章)

第8(9)條

建築噪音許可證

爲進行建築工程(搥擊式打樁除外)而使用機動設備及/或進行訂明建築工程

GW-TN0340-2001

建築噪音許可證編號：

致：中國港灣建設(集團)總公司

本建築噪音許可證是按照《噪音管制條例》第8條的規定而發出的。現准予使用機動設備以進行搥擊式打樁工程以外的建築工程及/或進行訂明建築工程，但須受以下條件規限。若不按照該等條件進行建築工程，許可證可遭撤銷，而且會受到檢控。

條 件

1. 可使用機動設備及/或進行訂明建築工程的建築地盤：

詳細地址：新界馬鞍山T7公路近錦英苑

地段編號：

地盤範圍(即可使用機動設備及進行訂明建築工程的地方範圍)已描劃於夾附的圖則上，而該圖則是本建築噪音許可證的一部分。

2. 該地盤部分/全部*位於指定範圍之內/外*。

3. 機動設備

a. 在地盤範圍內可使用的各項機動設備：

各項機動設備的識辨代碼(如適用的話)	*各項機動設備的說明*	*數目*
CNP 102	發電機，低噪音型在7米距離時75分貝(A)	壹
CNP 166	大直徑鑽孔樁，循環式鑽機	貳
-------	空氣壓縮機，貼有噪音標籤及聲功率級≤104分貝(A)	貳

b. 可使用機動設備的建築噪音許可證有效期：

生效日期及時間：二零零一年十二月三日 晚上七時正

日期及時間：一般假期包括星期日上午七時正至晚上十一時正及一般假期以外的任何一天晚上七時正至晚上十一時正。

此部分許可證屆滿日期及時間：二零零二年六月二日 晚上十一時正

日期 時間

c. 建築地盤須備有本建築噪音許可證所述條件機動設備的照片各一幀，供監督隨時查看；該等照片須經監督認可。

d. 規限使用機動設備的其他條件：

i) 在任何時間內展示兩頁蓋有本建築噪音許可證內「主要資料」之A3尺寸告示的彩色副本於本建築噪音許可證旁。

ii) 本許可證持有人須確保竭力從速完成該等建築工程，並小心防範會引起的噪音干擾。

4. 訂明建築工程

a. 在地盤範圍內可進行的訂明建築工程：

訂明建築工程的識辨代碼	訂明建築工程的類別的說明
	無

b. 可進行訂明建築工程的建築噪音許可證有效期：

生效日期及時間：不適用

日期及時間：不適用

此部分許可證屆滿日期及時間：不適用

日期 時間

c. 本許可證可夾附經監督認可的地盤圖則，以顯示本許可證准予進行訂明建築工程的地點。該地盤圖則須存放於建築地盤供監督隨時查看。

d. 規限進行訂明建築工程的其他條件：

不適用

5. 本建築噪音許可證或其副本必須展示於建築地盤的所有車輛進出口處，以便在使用此證內載列的機動設備進行建築工程的任何時候，給予公眾人仕參閱。

日期：2001 年 11 月 23 日

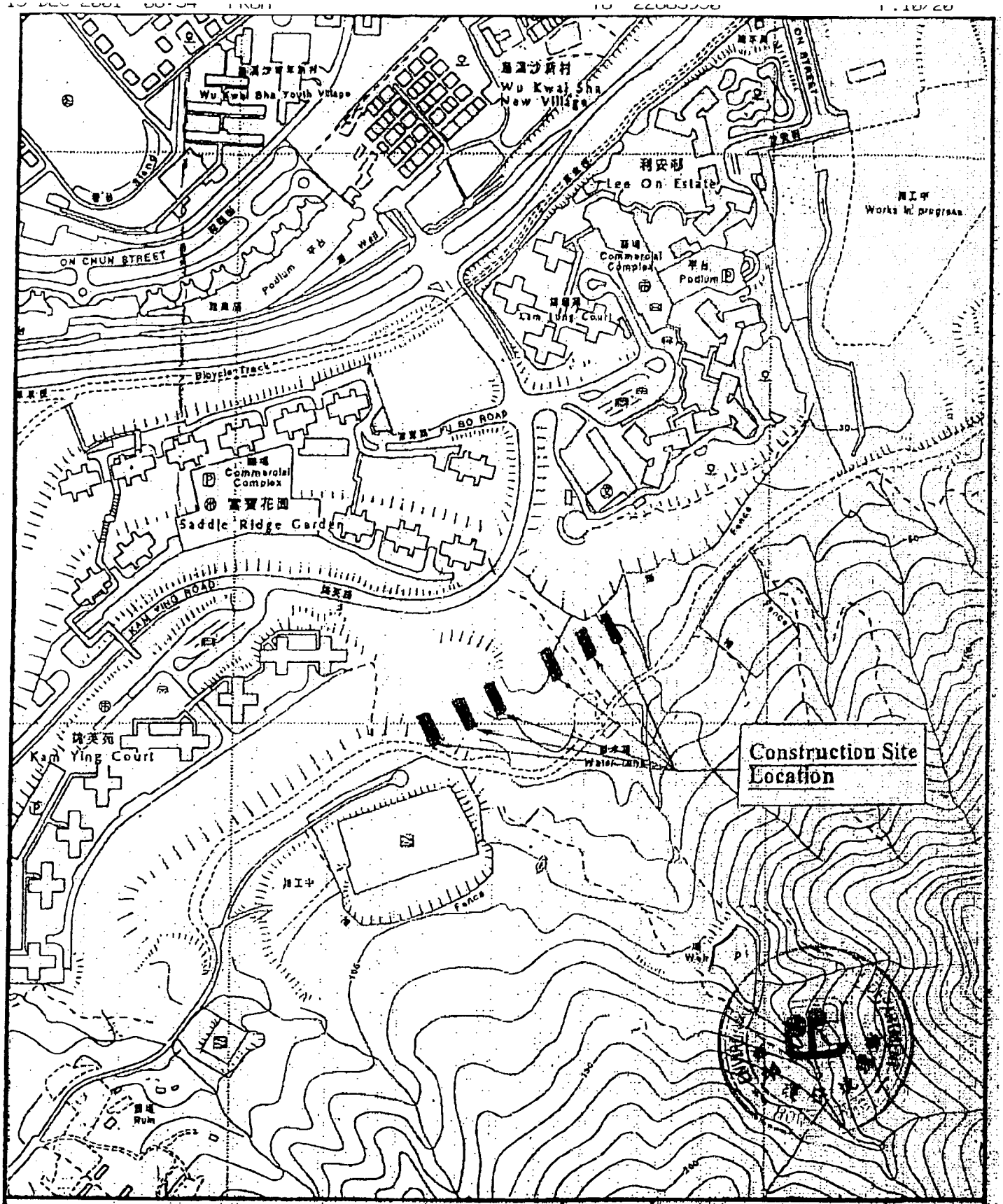
簽署：

監督

（司徒永國代行）

司徒永國

*刪去不適用者



ENVIRONMENTAL PROTECTION DEPARTMENT 環境保護署	Scale 比例 1:5,000	Legend 圖例 Construction Site 建築地盤

Plan attached to Construction Noise Permit No. GW-TN0340-2001
建築噪音許可證編號 GW-TN0340-2001 **的附圖**

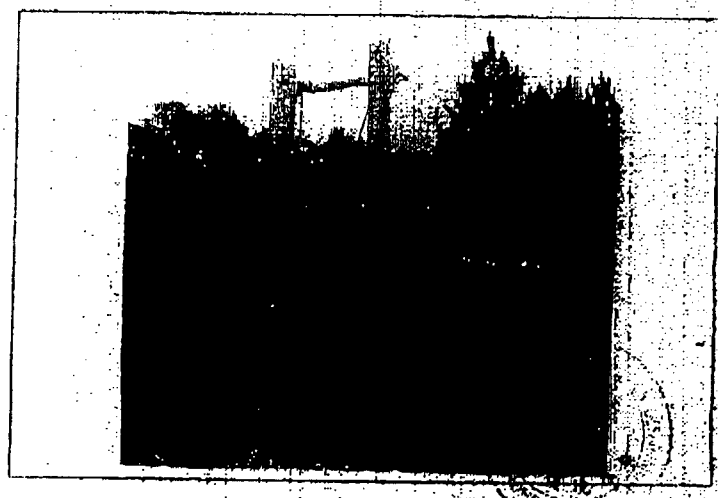
主要資料 Key Information

建築噪音許可證編號: **Construction Noise Permit No.:**	**GW-TN0340-2001**
許可證持有人: **Permit Holder:**	中國港灣建設(集團)總公司 **China Harbour Engineering Company (Group)**
地點: **Location:**	新界馬鞍山 T7 公路近錦英苑 **Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T.**
有效期: **Validity Period:**	2001 年 12 月 3 日至 2002 年 6 月 2 日 **3 December 2001 to 2 June 2002**
生效時間: **Permitted Hours:**	星期一至六(假日除外) 晚上 7 時至晚上 11 時 一般假日 上午 7 時至晚上 11 時 **Mon.-Sat. (except holiday) 7:00pm to 11:00pm** **General Holidays 7:00am to 11:00pm**

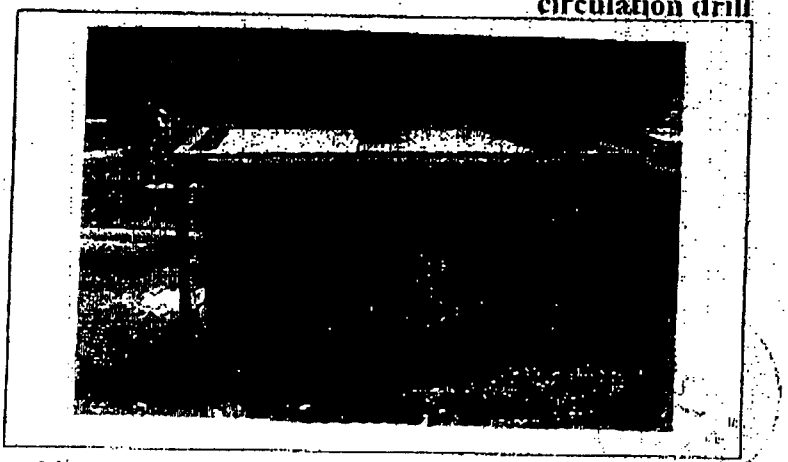
准許

Permit

壹部 發電機，低噪音型在 7 米距離時 75 分貝(A)
One Generator, silenced, 75 dB(A) at 7m



貳部 大直徑鑽孔機，循環式鑽機
Two Piling, large diameter bored reverse circulation drill



貳部 空氣壓縮機，貼有噪音標籤及聲功率級≤ 104 分貝(A)
Two Air compressor with noise emission label, Sound Power Level ≤ 104dB(A)

主要資料 Key Information

其他

如欲了解其他獲准使用的機動設備或限制條件，請參閱建築噪音許可證 **GW-TN0340-2001**。

投訴或查詢

如需即時協助請致電 馬鞍山分區警署，電話 **2640-0109**。

如有需要，請於辦公時間內致電 **環境保護署** 要求跟進，電話 **2685-1122**。

*在星期一至六(假日除外)的上午7時至下午7時所進行的建築工程不受噪音管制條例管制。

Others

Please refer to the Construction Noise Permit GW-TN0340-2001 for other permitted powered mechanical equipment or conditions.

Complaint or Enquiry

Please call **Ma On Shan Division Police Station** at **2640-0109** for **immediate assistance.**

Please call **Environmental Protection Department** during office hours at **2685-1122** for follow-up action, if necessary.

Construction work conducted between 7am – 7pm from Mon. to Sat. (except public holidays) is not controlled under the Noise Control Ordinance.

本署檔號 OUR REF: (4) in EP531/N01/TN0341-2001
來函檔號 YOUR REF:
電話 TEL NO.: 26343828
圖文傳真 FAX NO.: 26851155
網址 Homepage: http://www.info.gov.hk/epd

Environmental Protection Department
Local Control Office/Territory North
Units 1101-10 & 1119-21, Level 11,
Grand Central Plaza, Tower I,
138 Sha Tin Rural Committee Road,
Sha Tin, New Territories,
Hong Kong.

環境保護署
污染管制辦事處
(新界北)
香港新界沙田
沙田鄉事會路 138
新城市中央廣場
第一座十一樓
1101-10, 1119-21

T7

Registered Post

23 November 2001

To: China Harbour Engineering Company (Group)
19/F., China Harbour Building,
370-374 King's Road,
North Point,
Hong Kong.

Dear Sir,

Notice of Issue of Construction Noise Permit Pursuant to Section 8(6) of the Noise Control Ordinance (Cap. 400)

I write to inform you that, under section 8(6) of the Noise Control Ordinance, the Authority has decided to issue a construction noise permit in respect of your application, which was received by the Authority on 5 November 2001, **for the use of powered mechanical equipment for carrying out construction work at Construction of Road T7 in Ma On Shan near Heng On Estate, N.T.**

The construction noise permit No. **GW-TN0341-2001** is enclosed.

You are advised to read the conditions of the permit carefully and to ensure compliance with these conditions. Any breaching of the conditions may lead to cancellation of the permit, subsequent prosecution action and the Authority's refusal to issue further permit for the above construction site.

Yours faithfully,

(SZETO Wing-kwok)
for Authority

FORM 3 [reg. 5(a)]
NOISE CONTROL ORDINANCE
(Chapter 400)
SECTION 8(9)

CONSTRUCTION NOISE PERMIT FOR THE USE OF POWERED MECHANICAL EQUIPMENT FOR THE PURPOSE OF CARRYING OUT CONSTRUCTION WORK OTHER THAN PERCUSSIVE PILING AND/OR THE CARRYING OUT OF PRESCRIBED CONSTRUCTION WORK

CONSTRUCTION NOISE PERMIT NO. GW-TN0341-2001

To : China Harbour Engineering Company (Group)

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Permission is granted for the use of powered mechanical equipment for the purpose of carrying out construction work other than percussive piling and/or the carrying out of prescribed construction work, subject to the conditions set out below. The carrying out of construction work otherwise than in accordance with the conditions may result in the permit being cancelled and in a prosecution for an offence.

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :
   Full address : Construction of Road T7 in Ma On Shan near Heng On Estate, N.T.
   Lot No. : ——
   The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. *~~PART~~/WHOLE of the site falls *~~WITHIN~~/OUTSIDE a designated area.

3. Powered Mechanical Equipment

   a. Items of powered mechanical equipment which may be used inside the site boundary :

Identification code of item of powered mechanical equipment (if applicable)	*Description of item of powered mechanical equipment*	*No. of units*
CNP 102	Generator, silenced, 75 dB(A) at 7 m	One
CNP 166	Piling, large diameter bored, reverse circulation drill	Two
———	Air compressor with noise emission label, Sound Power Level ≦ 104dB(A)	Two

   b. Validity of the construction noise permit for the use of the powered mechanical equipment :
   Date and time of commencement : 3 December 2001 19:00 hours
   Days and hours : General holiday including Sunday between 07:00 and 23:00 hours and any day not being a general holiday between 19:00 and 23:00 hours.
   This part of the permit expires on : 2 June 2002 at 23:00 hours

   c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise permit is required to be kept on the construction site and made available for inspection by the Authority.

   d. Other conditions imposed on the use of the powered mechanical equipment :
   I) Colour copies of two pages of A3 size notice showing "Key Information" of this Construction Noise Permit shall be displayed at all times next to copies of this Construction Noise Permit.
   II) All care shall be taken to ensure that the construction work is carried out as quickly as possible with due regard for the potential noise intrusion which may result.

4. Prescribed Construction Work

a. Type of prescribed construction work which may be carried out inside the site boundary :

Identification code of type of prescribed construction work	*Description of type of prescribed construction work*
	Nil.

b. Validity of the construction noise permit for the carrying out of the prescribed construction work :

Date and time of commencement : Not applicable

Days and hours : Not applicable

This part of the permit expires on : Not applicable at Not applicable

c. Site layout plan(s), endorsed by the Authority, may be attached with the permit to indicate the locations permitted for the carrying out of prescribed construction work described in this permit. The layout plan(s) is(are) required to be kept on the construction site and made available for inspection by the Authority.

d. Other conditions imposed on the carrying out of the prescribed construction work :

Not applicable

5. This construction noise permit or a copy thereof must be displayed on the construction site at all vehicular site entrances and exits for public information at all times when the powered mechanical equipment covered by the permit are being used for carrying out construction work.

Dated this 23rd day of November 2001

Signed : (SZETO Wing-kwok)

for *Authority*

* Delete as necessary

表格 3 〔第5(a)條

噪音管制條例
(第400章)
第8(9)條

建築噪音許可證
爲進行建築工程(撞擊式打樁除外)
而使用機動設備及/或進行訂明建築工程

GW-TN0341-2001

建築噪音許可證編號：.....

致：中國港灣建設(集團)總公司

本建築噪音許可證是按照《噪音管制條例》第8條的規定而發出的。現准予使用機動設備以進行撞擊式打樁工程以外的建築工程及/或進行訂明建築工程，但須受以下條件規限。若不按照該等條件進行建築工程，許可證可遭撤銷，而且會受到檢控。

條件

1. 可使用機動設備及/或進行訂明建築工程的建築地盤：

詳細地址：新界馬鞍山T7公路近恆安邨

地段編號：.....

地盤範圍(即可使用機動設備及進行訂明建築工程的地方範圍)已描劃於夾附的圖則上，而該圖則是本建築噪音許可證的一部分。

2. 該地盤部分/全部*位於指定範圍之內/外*。

3. 機動設備

a. 在地盤範圍內可使用的各項機動設備：

各項機動設備的識辨代碼(如適用的話)	*各項機動設備的說明*	*數目*
CNP 102	發電機，低噪音型在7米距離時75分貝(A)	叁
CNP 166	大直徑鑽孔樁，循環式鑽機	貳
------	空氣壓縮機，貼有噪音標籤及聲功率級≤104分貝(A)	貳

b. 可使用機動設備的建築噪音許可證有效期：

生效日期及時間：二零零一年十二月三日 晚上七時正

日期及時間：一般假期包括星期日上午七時正至晚上十一時正及一般假期以外的任何一天晚上七時正至晚上十一時正。

此部分許可證屆滿日期及時間：二零零二年六月三日 晚上十一時正

日期 時間

c. 建築地盤須備有本建築噪音許可證所述每件機動設備的照片各一幀，供監督隨時查看；該等照片須經監督認可。

d. 規限使用機動設備的其他條件：

i) 在任何時間內展示兩頁載有本建築噪音許可證內「主要資料」之A3尺寸告示的彩色副本於本建築噪音許可證旁。

ii) 本許可證持有人須確保竭力從速完成該等建築工程，並小心防範會引起的噪音干擾。

4. 訂明建築工程

a. 在地盤範圍內可進行的訂明建築工程：

訂明建築工程的識辨代碼	訂明建築工程的類別的說明
	無

b. 可進行訂明建築工程的建築噪音許可證有效期：

生效日期及時間：不適用

日期及時間：不適用

此部分許可證屆滿日期及時間：不適用

日期 時間

c. 本許可證可夾附經監督認可的地盤圖則，以顯示本許可證准予進行訂明建築工程的地點。該地盤圖則須存放於建築地盤供監督隨時查看。

d. 規限進行訂明建築工程的其他條件：

不適用

5. 本建築噪音許可證或其副本必須展示於建築地盤的所有車輛進出口處，以便在使用此證內載列的機動設備進行建築工程的任何時候，給予公眾人仕參閱。

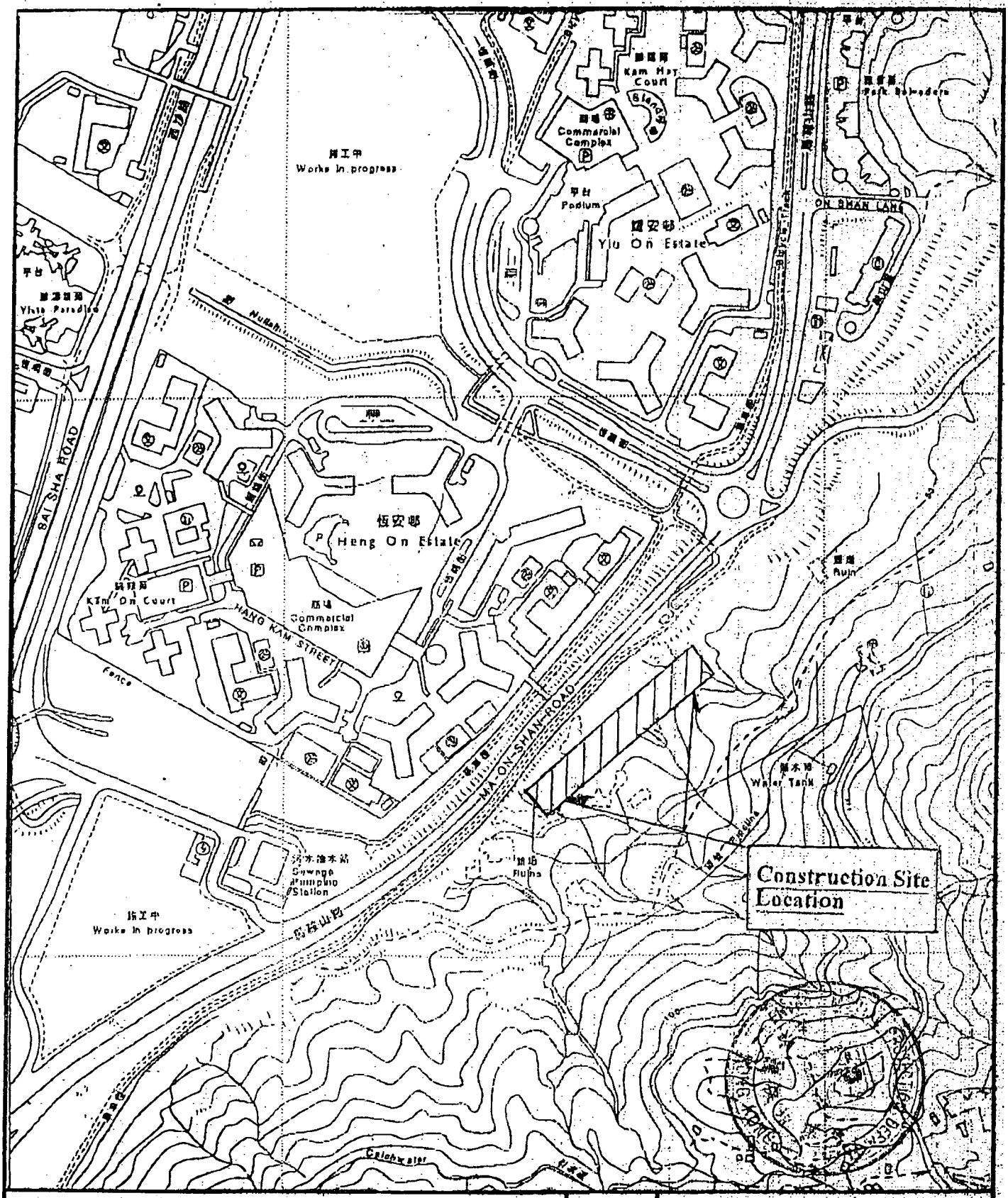
日期：2001年11月23日

簽署：

監督

（司徒永國代行）

*刪去不適用者



ENVIRONMENTAL PROTECTION DEPARTMENT 環境保護署	Scale 比例 1:5,000	Legend 圖例 Construction Site 建築地盤

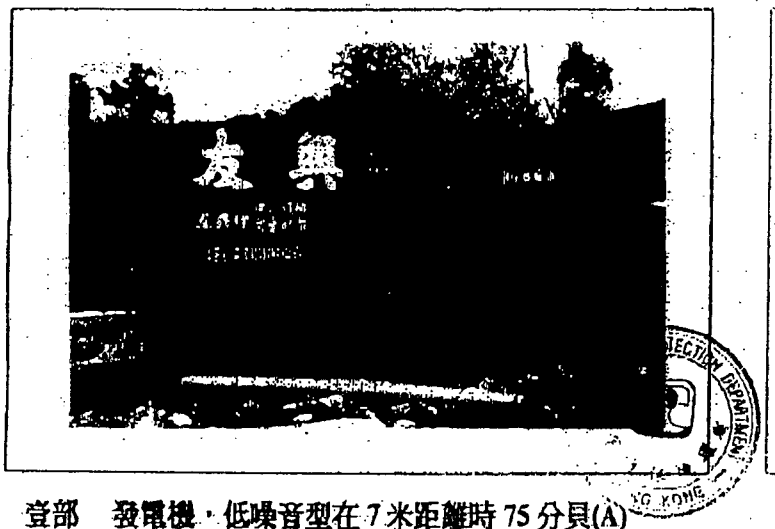
Plan attached to Construction Noise Permit No. GW-TN0341-2001
建築噪音許可證編號 GW-TN0341-2001 的附圖

主要資料 Key Information

建築噪音許可證編號: **Construction Noise Permit No.:**	**GW-TN0341-2001**
許可證持有人:	中國港灣建設(集團)總公司
地點:	新界馬鞍山 T7 公路近恆安邨
有效期:	2001 年 12 月 3 日至 2002 年 6 月 2 日
生效時間:	星期一至六(假日除外) 晚上 7 時至晚上 11 時 一般假日 上午 7 時至晚上 11 時
Permit Holder:	**China Harbour Engineering Company (Group)**
Location:	**Construction of Road T7 in Ma On Shan near Heng On Estate, N.T.**
Validity Period:	**3 December 2001 to 2 June 2002**
Permitted Hours:	**Mon.-Sat. (except holiday) 7:00pm to 11:00pm** **General Holidays 7:00am to 11:00pm**

准許

Permit



壹部 發電機，低噪音型在 7 米距離時 75 分貝(A)
One Generator, silenced, 75 dB(A) at 7m

貳部 大直徑鑽孔機，循環式鑽機
Two Piling, large diameter bored, reverse circulation drill

貳部 空氣壓縮機，貼有噪音標籤及聲功率級≦104 分貝(A)
Two Air compressor with noise emission label, Sound Power Level≦104dB(A)

主要資料 Key Information

其他

如欲了解其他獲准使用的機動設備或限制條件，請參閱建築噪音許可證 **GW-TN0341-2001**。

投訴或查詢

如需即時協助請致電 馬鞍山分區警署，電話 **2640-0109**。

如有需要，請於辦公時間內致電 環境保護署 要求跟進，電話 **2685-1122**。

*在星期一至六(假日除外)的上午7時至下午7時所進行的建築工程不受噪音管制條例管制。

Others

Please refer to the Construction Noise Permit GW-TN0341-2001 for other permitted powered mechanical equipment or conditions.

Complaint or Enquiry

Please call **Ma On Shan Division Police Station** at **2640-0109** for **immediate assistance**.

Please call **Environmental Protection Department** during office hours at **2685-1122** for follow-up action, if necessary.

Construction work conducted between 7am – 7pm from Mon. to Sat. (except public holidays) is not controlled under the Noise Control Ordinance.

APPENDIX 8

EPD's inspection record no. EP52/W1/C255 and GW-TN0341-2001

C-Leung

CHINA HARBOUR ENG., CO. (GROUP)
Contract T 7 - Ma On Shan
-6 DEC 2001
RECEIVED
Subject File : 02.03.2
Serial No : 01679

環境保護署
地區污染管制辦事處(新界北)
新界沙田
沙田鄉事會路
138 號新城市中央廣場
第 1 座 11 樓 1101-1110 室

檔案編號：EP52/W1/C255

公司／負責人姓名：中國港灣建設(集團)總公司

執事先生：

水污染管制條例（第 358 章）

巡查記錄

本署職員於 2001年12月6日 在 新界馬鞍山近富寶花園及利安邨的T7公路地盤 巡查時，懷疑有以下違例事項（在☐內有✓者）：

- ☐ 廢水由＿＿＿＿被錯誤接駁到雨水渠 / 內陸水域 / 海岸水域*。
- ☑ 排放水質很可能達不到牌照標準。
- ☐ 廢水處理設施缺乏適當設計 / 操作 / 維修*，導致排放出不符合標準的污水。所發現問題包括＿＿＿＿。
- ☑ 廢水處理不足，以致排放物未能達致牌照標準。
- ☐ 廢水由化糞池及滲水系統經溢流管排入雨水渠/內陸水域/海岸水域*。
- ☐ 排放並非未經污染的水。
- ☐ 其他：＿＿＿＿。

2. 你必須立刻採取補救措施，以符合法例要求。請注意以下各點（在☐內有✓者）：

- ☑ 我們正考慮根據水污染管制條例採取法律行動。
- ☑ 獲法例授權的本署職員巡查時已搜集了有關證據。日後如果根據水污染管制條例提出起訴，該等證據可能會作爲呈堂之用。
- ☑ 獲法例授權的本署職員巡查時已抽取了法定樣本。樣本會交給政府化驗師分析。日後如果根據水污染管制條例提出起訴，該等分析結果可能會作爲呈堂之用。

3. 你亦需要：＿＿＿＿。

4. 如有任何查詢，請致電 2634 3881 與 陳志康 聯絡。

備註：此表須與附頁一併閱讀，該頁有環保署及公司/負責人的代表簽名，和關於這表的注釋。

巡查記錄

條例／規例	附上的表格 (有✓者)	
	粉紅色	黃色
空氣污染管制條例 / 空氣污染管制_____規例		
噪音管制條例		
廢物處置條例 / 廢物處置（化學廢物）（一般）規例		
廢物處置條例 / 廢物處置（禽畜廢物）規例		
水污染管制條例	✓	
發件人	姓名：陳志康 職級及職位：高級環境保護督察 電話號碼：2634 3881 簽名： 日期：6.12.2021	
收件人 *（見備註）*	姓名：梁綽邦 職位：環境工程師 電話號碼：9203 5520 簽名：Colin Leung 日期：	
公司印鑑		

備註：

1. 附表爲記錄環保署職員在現場所提供的建議及採取的行動。
2. 收件人應獲授權爲公司／負責人代收巡查記錄。
3. 收件人須盡快把記錄轉交負責人，讓其知道污染問題／違例情況／可能的法律行動，並即時採取所有需要的措施以防止污染問題／更正違例情況。
4. 本署會因應違例情況而向有關的公司／負責人採取法律行動。

Environmental Protection Department
Rm. 1101-1110 Grand Central Plaza, Tower 1,
138 Rural Committee Road,
Shatin, N.T.

Acknowledgment of Receipt

I acknowledge receipt of the part(s) (Part A) of the formal sample(s) with identification number(s) : IE2/S/014101 which was/were selected by me and delivered to me by staff of the Environmental Protection Department (EPD) on the 6 Dec 2001.

正式樣本收據

茲認收環境保護署職員於 2001 年 12 月 6 日交／送來，經本人揀選，上註有樣本編號 IE2/S/014101 及標記「A」的正式樣本乙份。

樣本收取人簽署 Signature ofd Samples Receiver	:	梁綽邦
英文姓名（正楷） Name in Block Letter	:	LEUNG MIN PONG
身份證號碼 H.K.I.D. Card Number	:	K438173(4)
職位 Capacity in the Company	:	Environmental Engineer
公司名稱 Name of Company	:	中國海灣建設(集團)總公司
簽收日期 Date of Receipt	:	6/12/01

檔案編號 :
File Ref. : EP52/W1/C255

樣本編號 :
Sample Identification Number : TE2/S/014101

( )	pH	酸鹼值	( )	Zinc	鋅
(✓)	Suspended Solids	懸浮固體	( )	Mercury	汞
( )	Settleable Solids	可沉積固體	( )	Cadmium	鎘
( )	Biochemical Oxygen Demand	生化需氧量	( )	Iron	鐵
( )	Chemical Oxygen Demand	化學需氧量	( )	Boron	硼
( )	Oil and Grease	油脂	( )	Barium	鋇
( )	Surfactants (total)	表面活性劑(總量)	( )	Copper	銅
( )	Total Nitrogen	總氮	( )	Nickel	鎳
( )	Total Phosphorus	總磷	( )	Silver	銀
( )	Sulphide	硫化物	( )	Cyanide	氰化物
( )	Sulphate	硫化鹽	( )	Phenol	酚
( )	Ammonia Nitrogen	氨 - 氮	( )	Chromium	鉻
( )	E.Coli (count/100ml)	大腸桿菌(個/100 毫升)	( )	Tin	錫
			( )	Lead	鉛

( ) Other(s) 其他 : _____

檔案編號 :
File Ref. : _____

樣本編號 :
Sample Identification Number : _____

( )	pH	酸鹼值	( )	Zinc	鋅
( )	Suspended Solids	懸浮固體	( )	Mercury	汞
( )	Settleable Solids	可沉積固體	( )	Cadmium	鎘
( )	Biochemical Oxygen Demand	生化需氧量	( )	Iron	鐵
( )	Chemical Oxygen Demand	化學需氧量	( )	Boron	硼
( )	Oil and Grease	油脂	( )	Barium	鋇
( )	Surfactants (total)	表面活性劑(總量)	( )	Copper	銅
( )	Total Nitrogen	總氮	( )	Nickel	鎳
( )	Total Phosphorus	總磷	( )	Silver	銀
( )	Sulphide	硫化物	( )	Cyanide	氰化物
( )	Sulphate	硫化鹽	( )	Phenol	酚
( )	Ammonia Nitrogen	氨 - 氮	( )	Chromium	鉻
( )	E.Coli (count/100ml)	大腸桿菌(個/100 毫升)	( )	Tin	錫
			( )	Lead	鉛

( ) Other(s) 其他 : _____

環境保護署
地區污染管制辦事處(新界北)
新界沙田
沙田鄉事會路
138號新城市中央廣場
第1座11樓1101-1110室

檔案編號：EP52/W1/C255

公司／負責人姓名：中國港灣建設(集團)總公司

執事先生：

水污染管制條例（第358章）

巡查記錄

本署職員於2001年12月7日在新界馬鞍山近富寶花園及利安邨的T7公路地盤(附)巡查時，懷疑有以下違例事項（在☐內有✓者）：

- ☐ 廢水由＿＿＿＿被錯誤接駁到雨水渠／內陸水域／海岸水域*。
- ☑ 排放水質很可能達不到牌照標準。
- ☐ 廢水處理設施缺乏適當設計／操作／維修*，導致排放出不符合標準的污水。所發現問題包括＿＿＿＿。
- ☑ 廢水處理不足，以致排放物未能達致牌照標準。
- ☐ 廢水由化糞池及滲水系統經溢流管排入雨水渠/內陸水域/海岸水域*。
- ☐ 排放並非未經污染的水。
- ☐ 其他：＿＿＿＿。

2. 你必須立刻採取補救措施，以符合法例要求。請注意以下各點（在☐內有✓者）：

- ☑ 我們正考慮根據水污染管制條例採取法律行動。
- ☑ 獲法例授權的本署職員巡查時已搜集了有關證據。日後如果根據水污染管制條例提出起訴，該等證據可能會作爲呈堂之用。
- ☑ 獲法例授權的本署職員巡查時已抽取了法定樣本。樣本會交給政府化驗師分析。日後如果根據水污染管制條例提出起訴，該等分析結果可能會作爲呈堂之用。

3. 你亦需要：＿＿＿＿。

4. 如有任何查詢，請致電 2634 3888 與譚先生聯絡。

備註：此表須與附頁一併閱讀，該頁有環保署及公司/負責人的代表簽名，和關於這表的注釋。

Environmental Protection Department
Rm. 1101-1110 Grand Central Plaza, Tower 1,
138 Rural Committee Road,
Shatin, N.T.

Acknowledgment of Receipt

I acknowledge receipt of the part(s) (Part A) of the formal sample(s) with identification number(s) : IE2/I/01601 which was/were selected by me and delivered to me by staff of the Environmental Protection Department (EPD) on the 7.12.2001.

正式樣本收據

茲認收環境保護署職員於 2001 年 12 月 7 日交／送來，經本人揀選，上註有樣本編號 IE2/I/01601 及標記「A」的正式樣本乙份。

樣本收取人簽署 Signature ofd Samples Receiver	:	Calvin Leung
英文姓名（正楷） Name in Block Letter	:	LEUNG MIN PONG
身份證號碼 H.K.I.D. Card Number	:	K435 173(8)
職位 Capacity in the Company	:	Environmental Engineer
公司名稱 Name of Company	:	China Harbour
簽收日期 Date of Receipt	:	11/12

檔案編號 :
File Ref. : EP52/W1/C255

樣本編號 :
Sample Identification Number : IE2/I/0160

( )	pH	酸鹼值	( )	Zinc	鋅
(√)	Suspended Solids	懸浮固體	( )	Mercury	汞
( )	Settleable Solids	可沉積固體	( )	Cadmium	鎘
( )	Biochemical Oxygen Demand	生化需氧量	( )	Iron	鐵
(√)	Chemical Oxygen Demand	化學需氧量	( )	Boron	硼
( )	Oil and Grease	油脂	( )	Barium	鋇
( )	Surfactants (total)	表面活性劑(總量)	( )	Copper	銅
( )	Total Nitrogen	總氮	( )	Nickel	鎳
( )	Total Phosphorus	總磷	( )	Silver	銀
( )	Sulphide	硫化物	( )	Cyanide	氰化物
( )	Sulphate	硫化鹽	( )	Phenol	酚
( )	Ammonia Nitrogen	氨 - 氮	( )	Chromium	鉻
( )	E.Coli (count/100ml)	大腸桿菌(個/100 毫升)	( )	Tin	錫
			( )	Lead	鉛

( ) Other(s) 其他 : _____

_____

檔案編號 :
File Ref. : _____

樣本編號 :
Sample Identification Number : _____

( )	pH	酸鹼值	( )	Zinc	鋅
( )	Suspended Solids	懸浮固體	( )	Mercury	汞
( )	Settleable Solids	可沉積固體	( )	Cadmium	鎘
( )	Biochemical Oxygen Demand	生化需氧量	( )	Iron	鐵
( )	Chemical Oxygen Demand	化學需氧量	( )	Boron	硼
( )	Oil and Grease	油脂	( )	Barium	鋇
( )	Surfactants (total)	表面活性劑(總量)	( )	Copper	銅
( )	Total Nitrogen	總氮	( )	Nickel	鎳
( )	Total Phosphorus	總磷	( )	Silver	銀
( )	Sulphide	硫化物	( )	Cyanide	氰化物
( )	Sulphate	硫化鹽	( )	Phenol	酚
( )	Ammonia Nitrogen	氨 - 氮	( )	Chromium	鉻
( )	E.Coli (count/100ml)	大腸桿菌(個/100 毫升)	( )	Tin	錫
			( )	Lead	鉛

( ) Other(s) 其他 : _____

環境保護署
地區污染管制辦事處
(新界北)
新界沙田
沙田鄉事會路 138 號
新城市中央廣場第 1 座 11 樓

檔案編號： GW-TN0341-2001

公司／負責人姓名： 中國港灣建設(集團)總公司／葉先生

執事先生：

噪音管制條例（第 400 章）
巡查記錄

本署職員於 16.12.01 在 新界馬鞍山丁丁公路近恆安邨的建築地盤 巡查時，懷疑有以下違例事項（在□內有✓者）：

□ 有關通風系統／冷藏系統/泵水機房/變壓站/工場/廠房/其他* _____ 所發出的噪音超過法定標準/沒有遵守消減噪音通知書編號_____ 所指明的規定*。

☑ 在限制時間內，~~無有效的建築噪音許可證~~ / 不按照許可證上所列條件*而使用機動設備(流動起重機&軌鐵機。

□ 在限制時間內，無有效的建築噪音許可證 / 不按照許可證上所列條件*而於指定範圍內進行訂明的建築工程(_____)。

☑ 其他：起卸鐵枝

2. 你必須立刻採取補救措施，以符合法例要求。請注意以下各點（在□內有✓者）：

☑ 我們正考慮根據噪音管制條例採取法律行動。

☑ 獲法例授權的本署職員巡查時已搜集了有關證據。日後如果根據噪音管制條例提出起訴，該等證據可能會作爲呈堂之用。

3. 你亦需要：即時停止進行不按照許可證上所列條件的行為。

4. 如有任何查詢，請致電 26343897 與 林先生 聯絡。

備註：此表須與附頁一併閱讀，該頁有環保署及公司/負責人的代表簽名，和關於這表的注釋。

*刪去不適用者

巡查記錄

條例／規例	附上的表格 (有✓者)	
	粉紅色	黃色
空氣污染管制條例 / 空氣污染管制＿＿＿＿＿＿規例		
噪音管制條例	✓	
廢物處置條例 / 廢物處置（化學廢物）（一般）規例		
廢物處置條例 / 廢物處置（禽畜廢物）規例		
水污染管制條例		
發件人	姓名：林少輝 職級及職位：高級環境保護督察 電話號碼：2634 3397 簽名： 日期：16. 12. 2001	
收件人 *（見備註）*	姓名：YIP MING FAI 職位：G — Foreman 電話號碼：90109197 簽名： 日期：16/Dec./2001	
公司印鑑		

備註：

1. 附表爲記錄環保署職員在現場所提供的建議及採取的行動。
2. 收件人應獲授權爲公司／負責人代收巡查記錄。
3. 收件人須盡快把記錄轉交負責人，讓其知道污染問題／違例情況／可能的法律行動，並即時採取所有需要的措施以防止污染問題／更正違例情況。
4. 本署會因應違例情況而向有關的公司／負責人採取法律行動。

APPENDIX 9

Memorandums of Public Complaints of Monte Vista, Lee On Village and Kam Ying Court

By Fax Only

MEMO

From Director of Environmental Protection	To Project Manager/NTE, TDD
Ref. (63) in EP 2/N1/29 (XI)	(Attn.: Mr George K.M. Mak)
Tel. No. 2835 1112	Your Ref. _____ in _____
Fax. No. 2591 0558	dated _____ Fax. No. 2721 8630
Date 18 December 2001	Total Pages 2

Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Public Complaints

I refer to the captioned project, for which you hold the position of Project Manager.

Enclosed please find some particulars of public complaints made on dates as shown in the enclosure forwarded to me by our Local Control Office. The Environmental Team and all relevant parties in the c.c. list below should take urgent actions to rectify the situation. Please report the outcome of the action to us as soon as possible.

(Jolitta CHAN)
Environmental Protection Officer
for Director of Environmental Protection

Encl.

c.c. (all w/e)	Maunsell	(Attn. Mr. J.M. Slater)	Fax. 2691 2649
	OAP	(Attn. Mr. Sam Tsoi)	Fax: 2865 6493

14 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/NOISE & DUST NUISANCE FROM MA ON SHAN RAIL AT BACK OF BLOCK J KAM YING COURT, MA ON SHAN, SHATIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHATIN
Road/Street/Estate:

Name of building, floor, room: BACK OF BLOCK J, KAM YING COURT

(2) Nature: NOISE & DUST NUISANCE

Subject Matter : Noise Pollution - General Construction Works

Description :

位置: 錦英苑 J 座後面。
曾經向管理員投訴有關夜間工程的噪音,但沒有改善。另投訴其開路工程沒有在地面噴水, 做成很大煙塵, 要求跟進。而錦英苑的管理處亦已向地盤反映, 得知工程還有 2 年時間才完成。現要求地盤可否將噪音和空氣污染減至最底。

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 三和地基/中國港灣工程有限公司

2) 污染發生的日期
Ans: 每日
Remark: 一星期七日

3) 污染發生的時間
Ans: 請註明
Remark: 7:00am to 7:00pm, 間中在 9:00pm 仍然開工。

4) 污染發生的模式
Ans: 連續不斷
Remark:

5) 受影響的人士或地方
Ans: 民居
Remark:

MEMO

From Y.H. Fung, CRE/T7 MCAL, NTE Development	To Director of Environmental Protection
Ref. _____ in T7(ST86/2000)/M05/412(0059)	Attn.: Jolitta Chan
Tel. No. 2643 9020	Your Ref. (58) in EP 2/N1/29 (XI)
Fax. No. 2643 3559	dated 07.12.2001 Fax. No. 2591 0558
Date 17 December 2001	Total Pages _____

By Fax Only

Sha Tin New Town, Stage II
Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Environmental Complaint of 2 December 2001

I refer to your above quoted memo enclosing the particulars of the captioned complaint (copy attached for your ease of reference).

I presume that Block 9 of Kam Ying Court refers to Block J. Bored piling work was in progress on Sunday 02/12/2001 at Bridge TB at the west of Block J. The Contractor has obtained Construction Noise Permit No. GW-TN0220-2001 for carrying out the work. A copy of the CNP and the location plan (with the Kam Ying Court and the bored piling work site highlighted) was attached to my previous memo ref. T7/(ST86/2000/M05/412(0041) dated 22/11/2001.

The site staff on duty on 02/12/2001 patrolled the whole T7 site. While he stayed at the Bridge TB piling area, he did not notice that the Contractor used the powered mechanical equipment not permitted by the CNP.

Nevertheless, I have reminded the Contractor to strictly observe the conditions of the CNP.

It is understood that the aforesaid bored piling work has caused inconvenience to the nearby residents. Please relay my apology to them.

Y.H. Fung
Chief Resident Engineer

Encl.
YHF:cc

cc: PM/NTE, TDD - Mr. George Mak (by fax)
MCAL
OAP (by fax – 2268 3950)

2 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/SUNDAY CONSTRUCTION NOISE FROM SITE OF ROAD T7 BEHIND KAM YING COURT AT MA ON SHA, SHATIN

CASE DETAILS

(1) Location: District: MA ON SHA, SHATIN
Road/Street/Estate:
Name of building, floor, room: SITE OF ROAD T7 BEHIND KAM YING COURT

(2) Nature: SUNDAY CONSTRUCTION NOISE

Subject Matter : Noise Pollution - General Construction Works
Description :

02-Dec. 10:05am 再次致電說上次同事調查此案時,稱環保署有對此工程批出一些容可証,但並未包括使用高架吊臂等工具,現今發現該工程再次違例使用,並發出 烈噪音,因星期日早上關係,非常影響居民休息. 現強烈要求環保署能採取有效措施,防止此噪音滋擾在星期日不斷發生.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 馬鞍山錦英苑近第 9 座後山的一個興建 T7 公路地盤(三和地基)

2) 污染發生的日期
Ans: 星期日
Remark:

3) 污染發生的時間
Ans: 請註明
Remark: 日間時間

4) 污染發生的模式
Ans: 連續不斷
Remark:

5) 受影響的人士或地方
Ans: 民居

MEMO

From Y.H Fung, CRE/T7 MCAL, NTE Development	To Director of Environmental Protection
Ref. _____ in T7(ST86/2000)/M05/412(0057)	Attn.: Miss Jolitta Chan
Tel. No. 2643 9020	Your Ref. (58) in EP 2/N1/29 (XI)
Fax. No. 2643 3559	dated 07.12.2001 Fax. No. 2591 0558
Date 11 December 2001	Total Pages _____

By Fax Only

Sha Tin New Town, Stage II
Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Public Complaint of 7 December 2001

I refer to your above quoted memo to PM/NTE of TDD concerning the captioned complaint (copy enclosed for your ease of reference).

Please advise details of the complaint e.g. time of complaint and location of noise source, so that I am able to carry out an investigation thereof.

Y.H. Fung
Chief Resident Engineer

Encl.
YHF:cc

cc: PM/NTE, TDD (by fax)
OAP (by fax)
MCAL

7 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/NOISE NUISANCE FROM OPP "HENG ON ESTATE" T7 ROAD, MA ON SHAN, SHA TIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHA TIN
Road/Street/Estate:
Name of building, floor, room: OPP "HENG ON ESTATE" T7 ROAD

(2) Nature: NOISE NUISANCE

Subject Matter : Noise Pollution - General Construction Works

Description :
投訴馬鞍山恒安邨對出的 T7 公路工程有很大噪音, 要求跟進.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark:

2) 污染發生的日期
Ans: 平日
Remark:

3) 污染發生的時間
Ans: 請註明
Remark: 日間到深夜

4) 污染發生的模式
Ans: 斷斷續續
Remark:

5) 受影響的人士或地方
Ans: 民居
Remark:

P.3

MEMO

From Y.H. Fung, CRE/T7
MCAL, NTE Development
Ref. _____ in T7(ST86/2000)/M05/412(0054)
Tel. No. 2643 9020
Fax. No. 2643 3559
Date 5 December 2001

To Director of Environmental Protection
Attn.: Jolitta Chan
Your Ref. (54) in EP 2/N1/29 (XI)
dated 04.12.2001 Fax. No. 2591 0558
Total Pages _____

By Fax Only

Sha Tin New Town, Stage II
Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Environmental Complaint (Dust) of 3 December 2001

I refer to your above quoted memo enclosing the particulars of the captioned complaint (copy attached for your ease of reference).

I presume that the "Kam Hing Court" refers to Kam Ying Court. I further presume that the "dust nuisance arising from inadequate water spraying" refers to the dust from the haul road.

My investigation reveals that the Contractor has carried out regular water spraying along the haul road for suppressing the dust therefrom. Notwithstanding this, I have asked my site staff to keep a close watch on the conditions of the road surface in order that the dust suppression measure can be effective as much as practically possible.

It is understood that the T7 work has caused inconvenience to the nearby residents. Please relay my apology to them.

Y.H. Fung
Chief Resident Engineer

Encl.
YHF:cc

cc: PM/NTE, TDD - Mr. George Mak (by fax)
MCAL
OAP (by fax – 2268 3950)

3 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/DUST NUISANCE FROM OPP "KAM HING COURT" T7 ROAD, MA ON SHAN, SHA TIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHA TIN
Road/Street/Estate:

Name of building, floor, room: OPP "KAM HING COURT" T7 ROAD

(2) Nature: DUST NUISANCE

Subject Matter : Air Pollution - Construction Works

Description :
馬鞍山錦興苑對出正進行 T7 公路的工程,在近這幾天沒有在地盤洒水,令空氣混濁,影響居民.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 中國港灣建築工程

2) 污染發生的日期
Ans: 每日
Remark: 近這幾天

3) 污染發生的時間
Ans: 請註明
Remark: 全日

4) 污染發生的模式
Ans: 連續不斷
Remark:

5) 受影響的人士或地方
Ans: 民居

By Fax Only

MEMO

From Director of Environmental Protection	*To* Project Manager/NTE, TDD
Ref. (54) *in* EP 2/N1/29 (XI)	*(Attn.:* Mr George K.M. Mak)
Tel. No. 2835 1112	*Your Ref.* _____ *in* _____
Fax. No. 2591 0558	*dated* _____ *Fax. No.* 2721 8630
Date 4 December 2001	*Total Pages* 3

Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Public Complaints

I refer to the captioned project, for which you hold the position of Project Manager.

Enclosed please find some particulars of public complaints made on dates as shown in the enclosure forwarded to me by our Local Control Office. The Environmental Team and all relevant parties in the c.c. list below should take urgent actions to rectify the situation. Please report the outcome of the action to us as soon as possible.

(Jolitta CHAN)
Environmental Protection Officer
for Director of Environmental Protection

Encl.

c.c. (all w/e)	Maunsell	(Attn. Mr. J.M. Slater)	Fax. 2691 2649
	OAP	(Attn. Mr. Sam Tsoi)	Fax: 2865 6493

3 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/NOISE NUISANCE FROM OPP "KAM HING COURT" T7 ROAD, MA ON SHAN, SHA TIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHA TIN
Road/Street/Estate:
Name of building, floor, room: OPP "KAM HING COURT" T7 ROAD

(2) Nature: NOISE NUISANCE

Subject Matter : Noise Pollution - General Construction Works
Description :

投訴馬鞍山錦興苑對出正進行 T7 公路的工程在 7:00PM 後還繼續進行工程,發出噪音影響居民.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 中國港灣建築工程

2) 污染發生的日期
Ans: 平日
Remark: 一個星期大約有五天

3) 污染發生的時間
Ans: 請註明
Remark: 7:00PM 後

4) 污染發生的模式
Ans: 其他（請註明）
Remark: 間歇性

5) 受影響的人士或地方
Ans: 民居

3 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/DUST NUISANCE FROM OPP "KAM HING COURT" T7 ROAD, MA ON SHAN, SHA TIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHA TIN
Road/Street/Estate:

Name of building, floor, room: OPP "KAM HING COURT" T7 ROAD

(2) Nature: DUST NUISANCE

Subject Matter : Air Pollution - Construction Works

Description :
馬鞍山錦興苑對出正進行 T7 公路的工程,在近這幾天沒有在地盤洒水,令空氣混濁,影響居民.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 中國港灣建築工程

2) 污染發生的日期
Ans: 每日
Remark: 近這幾天

3) 污染發生的時間
Ans: 請註明
Remark: 全日

4) 污染發生的模式
Ans: 連續不斷
Remark:

5) 受影響的人士或地方
Ans: 民居

By Fax Only

MEMO

From Director of Environmental Protection	To Project Manager/NTE, TDD
Ref. (58) in EP 2/N1/29 (XI)	(Attn.: Mr George K.M. Mak)
Tel. No. 2835 1112	Your Ref. ____ in ____
Fax. No. 2591 0558	dated ____ Fax. No. 2721 8630
Date 7 December 2001	Total Pages 3

Contract No. ST 86/2000
Construction of Road T7 in Ma On Shan
Public Complaints

I refer to the captioned project, for which you hold the position of Project Manager.

Enclosed please find some particulars of public complaints made on dates as shown in the enclosure forwarded to me by our Local Control Office. The Environmental Team and all relevant parties in the c.c. list below should take urgent actions to rectify the situation. Please report the outcome of the action to us as soon as possible.

(Jolitta CHAN)
Environmental Protection Officer
for Director of Environmental Protection

Encl.

c.c. (all w/e)	Maunsell	(Attn. Mr. J.M. Slater)	Fax. 2691 2649
	OAP	(Attn. Mr. Sam Tsoi)	Fax: 2865 6493

2 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/SUNDAY CONSTRUCTION NOISE FROM SITE OF ROAD T7 BEHIND KAM YING COURT AT MA ON SHA, SHATIN

CASE DETAILS

(1) Location: District: MA ON SHA, SHATIN
Road/Street/Estate:
Name of building, floor, room: SITE OF ROAD T7 BEHIND KAM YING COURT

(2) Nature: SUNDAY CONSTRUCTION NOISE

Subject Matter : Noise Pollution - General Construction Works
Description :

02-Dec. 10:05am 再次致電說上次同事調查此案時,稱環保署有對此工程批出一些容可証,但並未包括使用高架吊臂等工具,現今發現該工程再次違例使用,並發出 烈噪音,因星期日早上關係,非常影響居民休息. 現強烈要求環保署能採取有效措施,防止此噪音滋擾在星期日不斷發生.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark: 馬鞍山錦英苑近第 9 座後山的一個興建 T7 公路地盤(三和地基)

2) 污染發生的日期
Ans: 星期日
Remark:

3) 污染發生的時間
Ans: 請註明
Remark: 日間時間

4) 污染發生的模式
Ans: 連續不斷
Remark:

5) 受影響的人士或地方
Ans: 民居

7 December 2001 NOTICE OF COMPLAINT

FILE TITLE: CPT/NOISE NUISANCE FROM OPP "HENG ON ESTATE" T7 ROAD, MA ON SHAN, SHA TIN

CASE DETAILS

(1) Location: District: MA ON SHAN, SHA TIN
Road/Street/Estate:
Name of building, floor, room: OPP "HENG ON ESTATE" T7 ROAD

(2) Nature: NOISE NUISANCE

Subject Matter : Noise Pollution - General Construction Works

Description :
投訴馬鞍山恒安邨對出的 T7 公路工程有很大噪音, 要求跟進.

Specific Questions and Answers :
1) 請提供有關污源頭的其他資料（例如：公司名稱、地址、聯絡人、電話等）
Ans: 請註明
Remark:

2) 污染發生的日期
Ans: 平日
Remark:

3) 污染發生的時間
Ans: 請註明
Remark: 日間到深夜

4) 污染發生的模式
Ans: 斷斷續續
Remark:

5) 受影響的人士或地方
Ans: 民居
Remark:
