

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

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Report No.: 23156-12

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Job No 23156

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**Revision record** 

Date	Description	Prepared	Checked	Approved
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# ABBREVIATIONS AND ACRONYMS

AQO	Air Quality Objectives
Arup	Ove Arup & Partners Hong Kong Limited
ASR	Area Sensitive Rating
BOD <sub>5</sub>	Biochemical Oxygen Demand (5 days)
B&K	Brüel & Kjær
CFM	Cubic Feet per Minute
CHEC	China Harbour Engineering Company
CNP	Construction Noise Permit
СТ	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
Κ	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<sup>3</sup> which, of have exceedance on the Limit Level of 260g/m<sup>3</sup> 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<sup>3</sup> 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<sup>[1]</sup> 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<sup>[2]</sup>.

The Environmental Permit (EP)<sup>[3]</sup> 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.

Time Period (when construction activity is found)	Parameters	Monitoring Frequency	No. of measurements for each monitoring	
Between 0700-1900 hours on normal weekdays	Leq(30 min)		1	
Between 1900-2300 hours on normal weekdays		Once nor week	3 (consecutive)	
Between 2300-0700 hours of next day	Leq(5 min)*	Once per week		
Between 0700-1900 hours on holidays				

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

**Remarks:** \* The L<sub>eq(5 min)</sub> 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.

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

 Table 3-3
 - Noise impact monitoring locations.



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.

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

Table 3-5 - TSP monitoring parameters and frequency

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.

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

 Table 3-7 - 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<sup>[4]</sup>. 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<sup>[4]</sup> and are tabulated in Table 3-9.

Table 3-9	- Action	and limit	levels for	construction	noise.
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Time Period	Action Level	Limit Level dB(A)
0700 – 1900 hours on weekdays		75 *
0700 – 2300 hours on General Holidays; &	When one documented complaint is received	50 or 55** <sup>(1)</sup>
1900 – 2300 hours on all other days		65 or 70** (2)
2200 0700 hours of port day		55 or 40** <sup>(1)</sup>
		50 or 55** <sup>(2)</sup>

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

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

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

# 3.3.2 Air Quality

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

Table 3-13	- Action and limit levels for air quality	
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Parameters	Action Level	Limit Level
	<ul> <li>For baseline level &lt; 108μg/m<sup>3</sup>, Action Level = average of baseline level plus 30% and Limit Level</li> </ul>	
24 Hour TSP Level in $\mu$ g/m <sup>3</sup>	<ul> <li>For 108μg/m<sup>3</sup> &lt; baseline level &lt; 154μg/m<sup>3</sup>, Action Level = 200μg/m<sup>3</sup></li> </ul>	260
	<ul> <li>For baseline level &gt; 154µg/m<sup>3</sup>, Action Level = 130% of baseline level</li> </ul>	
	<ul> <li>For baseline level &lt; 154µg/m<sup>3</sup>, Action Level = average of baseline level plus 30% and Limit Level</li> </ul>	
1 Hour TSP Level in $\mu$ g/m <sup>3</sup>	<ul> <li>For 154µg/m<sup>3</sup> &lt; baseline level &lt; 269µg/m<sup>3</sup>,</li> <li>Action Level = 350µg/m<sup>3</sup></li> </ul>	500
	<ul> <li>For baseline level &gt; 269µg/m<sup>3</sup>,</li> <li>Action Level = 130% of baseline level</li> </ul>	

In accordance with the Baseline Monitoring Report<sup>[5]</sup>, 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 <b>ng</b> /m <sup>3</sup>					
	Baseline Level *	Action Level	Limit Level			
Ma On Shan Lutheran Primary School	66.0	173				
Ma On Shan St. Joseph's Primary School	57.7	168	260			
Villa Concerto, Symphony Bay	60.8	170	200			
Club House, Monte Vista#	-	170				

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

# 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 a	nd limit lev	els for 1-houi	TSP.

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

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

\* 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).
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	Action						
	ET		ER		СТ		
Ac	Action Level 1 – Exceedance for one sample						
1. 2	Identify source	1.	Notify CT	1.	Rectify any unacceptable practice		
2. 3.	Repeat measurement to confirm findings	Ζ.	working methods	Ζ.	appropriate		
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						
Ac	tion Level 2 –Exceedance for two or m	nore	consecutive samples				
1.	Identify source	1.	Confirm receipt of notification of	1.	Submit proposals for remedial		
2.	Inform ER	2	tailure in writing		of notification		
э.	findings	2. 3.	Check monitoring data and CT's	2.	Implement the agreed proposals		
4.	Review the proposed remedial measures by CT and advise ER accordingly	4.	working methods Discuss with Environmental Supervisor and CT on potential	3.	Amend proposal if appropriate		
5.	Discuss with ER for remedial actions required	5.	remedial actions Ensure remedial actions are				
6.	Suggest any improvement or other alternative mitigation measures should the CT's proposal be found ineffective		properly implemented				
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						

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

Equipment	Manufacturer & Model No.	Precision Grade	Qty.
Integrated sound level meter	Brüel & Kjær 2231		2
1/2" free-field microphone	Brüel & Kjær 4155	Precision Grade UEC 651 Type 1 UEC 804 Type 1 UEC 942 Type 1 UEC 942 Type 1 UEC 942 Type 1	2
Rion Sound Level Meter	NA-27		1
Rion ½" microphone	UC53A	IEC 604 Type T	1
Windshield	Brüel & Kjær UA0237		4
Acoustical calibrator	Brüel & Kjær 4230		1
Acoustical calibrator	Brüel & Kjær 4226	IEC 942 Type T	1
LCD wind speed indicator	Kestrel Vane Anemometer		1

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

# 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)<sup>[7]</sup>.

# 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.

Data of Manitaring Moni		Monitoring	Monitoring Results, dB(A) (30 min)					
Date	ormonitoring	Parameters	NM2	NM3	IM3 NM4 NM6 NM7		NM8	
		L <sub>eq</sub>	63.4	66.4	63.3	65.2	60.6	64.3
Week 1	04/12/01 (Tue)	L <sub>10</sub>	65.4	68.4	65.9	67.4	61.9	68.9
		L <sub>90</sub>	60.4	63.9	58.9	61.9	57.4	55.9
		L <sub>eq</sub>	62.1	63.1	60.4	60.8	59.9	64.2
Week 2 11/12/01 (Tue)	11/12/01 (Tue)	L <sub>10</sub>	64.5	65.5	62.1	62.1	62.0	66.5
	L <sub>90</sub>	59.0	59.0	50.1	53.6	57.0	60.0	
Week 3 17/12/01 (Mon)	L <sub>eq</sub>	62.9	63.5	62.2	67.6	57.9	65.4	
	17/12/01 (Mon)	L <sub>10</sub>	64.7	65.5	63.5	71.1	59.5	68.5
	L <sub>90</sub>	60.6	60.5	60.8	60.6	52.5	55.5	
Week 4 28/12/07		L <sub>eq</sub>	59.2	63.3	65.8	59.9	55.3	65.1
	28/12/01 (Fri)	L <sub>10</sub>	60.5	65.5	66.5	62.0	57.5	70.0
		L <sub>90</sub>	56.0	59.0	64.0	54.5	50.0	56.5

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

# 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  $(40 \text{ CFR}_{50-B})^{[8]}$ .

HVS in compliance with the specifications of  $40 \ CFR_{50-B}$  were used for carrying out the 24hour 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.

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

 Table 5-1 - Equipment list for TSP monitoring.

# 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  $1.1 \text{m}^3/\text{min}$  and  $1.7 \text{m}^3/\text{min}$ , (39CFM - 60CFM) as specified in 40 CFR<sub>50-B</sub>.

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 0-4.000 mg/m<sup>3</sup>;
- 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)<sup>[9]</sup>.

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)<sup>[6]</sup>.

#### 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.

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/m<sup>3</sup>. 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.

Date of Monitoring	1	1-hour TSP Monitoring Results,(µg/m³)				
Date of Monitoring	AM2	AM3	AM4	AM5		
	54.7	59.8	67.8	67.2		
04/12/01 (Tue)	57.9	59.8	79.4	70.8		
	63.3	67.5	72.3	61.8		
	52.5	36.8	41.3	42.0		
11/12/01 (Tue)	58.5	42.8	58.6	41.3		
	80.4	63.8	77.0	49.0		
	79.8	72.8	72.7	69.0		
17/12/01 (Mon)	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		
	173.1	100.3	100.3	91.4		
28/12/01 (Fri)	119.1	95.8	99.8	89.2		
	106.6	98.1	105.3	95.6		

Table 5-5	- 1-hour TS	P monitoring	results for	December	2001.
	i noui i c		100uito ioi	Doooninoon	2001.

# 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<sup>3</sup> 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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## EM&A Programme for December 2001

#### **Environmental Monitoring and Audit Schedule - December 2001**

Note 1: L30 denotes Leq(30 min)

Note 2: TSP denotes Total Suspended Particulate



## EM&A Schedule for January 2002

## **Environmental Monitoring and Audit Schedule - January 2002**

Note 1: L30 denotes L<sub>eq(30 min)</sub>

Note 2: TSP denotes Total Suspended Particulate

			Jan-2002	······		
S	Μ	т	w	т	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		

Noise Impact Monitoring Results for December 2001

		NSR	Time	periods	Weather	Avg. wind	No	ise Level dE	B(A)
Month	Date	No.	Start	Finish	condition	speed (m/s)	Leq	L <sub>10</sub>	L <sub>90</sub>
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

## **Details of Noise Impact Monitoring**

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 Ho	ouse, Monte Vista	Tempature (K)	296 K
Sampler model	GMWS-2310-	105	P <sub>std</sub>	760 mm Hg
Sampler serial number	1763		T <sub>std</sub>	298 K
Calibrator model		GMW-2535		
Calibrator serial number		1387		
Slope of the standard cur	ve, m <sub>s</sub>	1.9512		
Intercept of the standard	curve, b.	0.006785		

Resistance Plate No.	Manometer Reading (inch H₂O)	Flow Recorder Reading (CFM)	Calculated Q <sub>std</sub> (m <sup>3</sup> /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



#### Linear Regression

Sampler slope (m) :	29.7314
Sampler intercept (b) :	2.5870
Correlation coefficient (R <sup>2</sup> ) :	0.9960

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

Performed by: Checked by:

Date:

12/12/01

Date:

## 24-hour TSP Monitoring Results for December 2001

### **Details of 24-Hour TSP Monitoring**

			Receptor	Weather	Site	Filter W	eight (g)	TSP	Flow Rate	(m <sup>3</sup> /min)	Average Flow	Elaps	e Time	Sampling	Total	24-hour TSP
Filter No.	Month	Date	No.	condition	condition	Initial	Final	weight (g)	Initial	Final	Rate (m <sup>3</sup> /min)	Start	Finish	Time (mins.)	vol. (m <sup>3</sup> )	Level (µg/m³)
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

## 1-hour TSP Monitoring Results for December 2001

Details of 1-Hou	r TSP	Monitor	ing
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		Receptor		Time p	periods	Weather	Site	Temp.	Pressure	1-hour TSP
Month	Date	No.	Set No.	Start	Finish	condition	condition	(°C)	(mmHg)	Level (µg/g³)
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	AMS	2	9:59	10:59	cloudy	normal operation	24.0	772.5	/1.0 70.5
Dec-01	17-Dec-01		3	10:59	11:59	ciouay	normal operation	24.0	702.0	70.5
Dec-01	20-Dec-01			0.00	9.00	fine	normal operation	22.0	703.0	50.1
Dec-01	20-Dec-01		2	9.00	10.00	fine	normal operation	22.0	703.0	59.4
Dec-01	20-Dec-01		1	0.00	10:00	fine	normal operation	22.0	703.0	07.1 71.1
Dec-01	20-Dec-01		2	3.00 10:00	11:00	fine	normal operation	22.0	783.0	74.0
Dec-01	20-Dec-01		2	11.00	12:00	fine	normal operation	22.0	783.0	74. <del>9</del> 84.6
Dec-01	20-Dec-01		1	a.00	10:00	fine	normal operation	22.0	783.8	50 1
Dec-01	20-Dec-01		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	sunnv	normal operation	22.0	783.0	100.3
Dec-01	28-Dec-01	AM3	2	9:48	10:48	sunnv	normal operation	22.0	783.0	95.8
Dec-01	28-Dec-01	AM3	3	13:03	14:03	sunnv	normal operation	22.0	783.0	98.1
Dec-01	28-Dec-01	AM4	1	9:16	10:16	sunnv	normal operation	21.0	783.8	100.3
Dec-01	28-Dec-01	AM4	2	10:56	11:56	sunnv	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	sunnv	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

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

21-	-DEC-2001	13:58	FROM
本習紹進 OUR REF: 半肉開就	(4) in EP53	1/N01/Tr	10368-2001
YOUR REF 谊 話		•	·
TEL.NO.: 國文傳算	26343828		· ·
FAX NO 	26851133		
Homepage	e: http://www.lr	nto.gov.hk/i	bqe

#### TO 226 Environmental Protection Department Local Control Office/Territory North

Units 1101–10 & 1119–21, Level 11, Grand Central Plaze, Tower I, 138 Sha Tin Rural Committee Road, Sha Tin, New Territories, Hong Kong.



P.07/15 環境保護署 污染管制辦事處 (新界北) 者進新界位出 沙田縣準會院 138 朝 斯城市中央廣場 第一班士一線 110-10, 1115-27 新

**Registered** Post

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

17 December 2001

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### Dear Sir,

BUYULED DAPER

#### 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 <u>Construction of Road T7</u> 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

Lot No

P.08/15

[reg. 5(a)]

#### 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

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.

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 inechanical equipment No. of nalls
CNP 044	Concrete lorry mixer
CNP 048	Crane, mobile (diesel)
CNP 103	Generator, super silenced, 70 dB(A) at 7m One
CNP 165	Pillng, large diameter bored, oscillator One
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- 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 bours
  - 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 23:00 hours

- c. One photograph, endorsed by the Authority, of each item of powered mechanical equipment described in this construction noise pormit is required to be kept on the construction site and made available for inspection by the Authority.
  - Other conditions imposed on the use of the powered incchanical equipment : Refer to attached sheet.

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Identification code of type of prescribed construction work		Descrip prescribed	tion of type of construction work		
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Validity of the construction noise perm	it for the carrying out o	f the prescribed cons	ruction work ;		
Date and time of commencement :]	Not applicable	• • • • • • • • • • • • • • • • • • • •	****		na sia ya mara a sha a sha
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This part of the permit expires on ;	Not applica	Ыe	Not appl	lcable	
ite layout plan(s), endorsed by the Auth f prescribed construction work describe vailable for inspection by the Authorit	hority, may be attached ed in this permit. The lay y.	with the permit to in your plan(s) in(are) rea	licate the locations wired to be kept on	permitted for the construction	the carryin on size and i
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· . (SZETO Wing-kwok) Signed : Authority d,

For .

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[第5(m)條

## 表格3 嗓音管制條例 (第400章) 第8(9)條

#### 建築噪音許可證

爲進行建築工程(撞撃式打樁除外)

而使用機動設備及/或進行訂明建築工程

#### GW-TN0368-2001

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。現准子使用機動設備以進行 擊式打樁工程以外的建築工程及/或進行訂明建築工程, 但須受以下條件規則。若不按照該參條件 進行建築工程, 許可證可還撤銷, 而且會受到檢控。

#### 條 件

1. 可使用機動設備及/或進行盯明建類工程的建築地盤 新界馬鞍山T7公路近錦英苑

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)已描劃於夾附的歐則上,而該到 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. 根動設備

Ь.

a. 在地盤範圍內可使用的各項機動設備

各項機動設備的離業代碼(如適用的話)	各項總聯設備的證明
CNP 044	混凝土搅拌草
CNP 048	起重機・流動(油渣)
CNP 103	發電機 · 超低嗓音型在7米距離時70分員 慶
	(A)
CNP 165	大直徑續孔樁 耀助機
「使用機動設備的建築噪音許可證才	<b>2 2 3 1</b>
	·二月十八日
一般假期包括星期日	1以外的任何一天晚上七時正至晚上十一時正。

二零零二年四月十八日 晚上十一時正

時間

日期

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,供監督陣時查看; 窃照片須經監督認可。

d. 規限使用機動設備的其他條件 參照附頁

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<ul> <li>         正 在地盤範圍內可進行的訂明建築工程()              <i>11項度與工程的建築小程的建築小程前, 11項度與工程的建築小程前, 11項度與工程的建築小程前, 11項度, 11可              中國 阿爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾爾</i></li></ul>	4 <b>1</b> 7 f	明建築工程				
工物建築工程的構成(例       工物建工程的構成(例)         第       第         第       第         第       第         1       第         1       第         1       第         1       第         1       1	a.	在地盤範圍內可進行的訂明建	發工程:		ne ny sida tate (na sena na se Na sena na sena Na sena na sena	1
( ] 一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一		訂明建築工程的鐵帶代碼		们明建筑工作		7
b. 可進行訂例建築工程的建築解育可應有效用:         生效日期及時間:         工物用         日期及時間:       不適用         日期及時間:       不適用         日期及時間:       不適用         日期及時間:       不適用         日期       原間         2. 太許可證可笑附趨金貨部可的地盤圖則:       日期         2. 太許可證可笑附趨金貨部可的地盤圖則:       日期         2. 太許可證可定附趨金貨部可的地盤圖則:       小道用         1. 太常知敏感 正常的       小荷用         1. 本建築味音許可證或其則本必須用示診處未勉強的       所有地構造出口處:以使在使用此题的解例         1. 未建築味音許可證或其則本必須用示診處未是如的       所有地構造出口處:以使在使用此题的場例         1. 未建築味音許可證或其則本必須用示診處未勉強的       所有地構造出口處:以使在使用此题的場例         1. 本建築味音許可證或其則本必須用示診處未勉強的       所有地構造出口處:以使在使用此题的場例         1. 未建築味音許可證或其則本必須用示診處非效素的       小道用         1. 未建築味音許可證或其則本必須用示診       小道用         1. 未建築       一日         1. 2001年.12月.176      6         建築      6         建築      6         建築      6         建築      6        6      6        7      6	• "			<u> </u>		
b. 可進行訂明確第工程的建築條督許可證有效期:         生效日期及時間:不適用         日期及時間:不適用         比部分許可證證通目期及時間:不適用         日期       原間         6. 本許可證可义開催整备認可的地範圍則:以關示未許可證者予進行訂明確業工程較感點:         6. 本許可證可义開催整合說這句地範圍閉:以關示未許可證者予進行訂明確業工程的感點:         6. 本許可證或其副本必須展示的建築地質的 所有用範疇出口處:以變在使用此物內哪例         1. 本證 葉味會許可違或其副本必須展示的建築地質的 所有用範疇出口處:以變在使用此物內哪例         的規劃設備進行建築工程的任何時候:給予公定人任參閱:         1. 本證 葉味會許可違或其副本必須展示的建築地質的 所有用範疇出口處:以變在使用此物內哪例         的規劃設備進行建築工程的任何時候:給予公定人任參閱:         1. 工具:       月:17日         選擇:       工業         「提示」       第         建築業       「         「       工業         「       工業         1. 二       月:17日         「       工業         「       工業         「       工業         「       工業         」       工業         工業       工業	• • •					7
b. 可進行訂明建質工程的建築操作許可證有效用:         生效日期及時間:         一項項用:         日期及時間:       不適用:         比率分許可證제湯日期及時間:       不適用:         比率分許可證제湯日期及時間:       「「有用         日期       原語:         1. 太許可證可文附確監督部可的地望圖則:       日期:         2. 太許可證可文附確監督部 可遵定, 許不適用:       「「「「「「」」」」」」」         4. 太許可證可文附確監督部, 不適用:       「「」」」」」」         4. 大許可證可文附確監督, 你就要求了程的地能報:       「」」」」」         4. 浅原量:       「」」」」」」」」」」」         4. 浅原量:       「」」」」」」」」」」」」」         4. 浅原量:       「」」」」」」」」」」」」」」」         1. 湯見,       .200!       年, 12						
b. 可進行訂明建築工程的建築噪音許可嚴有效別:         生效日期及時間: 下適用         日期及時間: 下適用         比部分許可窥局適日期及時間: 下適用         比部分許可窥局適日期及時間: 不適用         日期       時間         1. 本許可證可決附種監督證可的地質圖則,以顯示本許可證准子進行訂例建業工程的难數, 證道處圖則須存放於建築地愛供監督總時支召。         2. 本許可證可決附種監督證可的地質圖則,以顯示本許可證准子進行訂例建業工程的难數, 證書         4. 本許可證可決於理整地理的地質關則,以顯示本許可證作子進行訂例建業工程的难數, 所適用         4. 本建築嗓音許可證或其副本必須歸於於理婆地量的       所有車輛進出口時,以做在使用此潮內戰列 的關助設備進行理整工程的任何明報, 能子公眾人比容語。         6. 周:       2001. 年.12. 月.17. 日         成果						
<ul> <li>b.可進行訂明建築工程的建築操習許可證有效卻: 生效日期及時間: 不適用 日期及時間: 不適用</li> <li>比部分許可證用滿日期及時間: 不適用</li> <li>比部分許可證用滿日期及時間: 不適用</li> <li>上許可證可支附經鉴容認可的地筆圖別,以顯示本許可證推手進行釘閉葉業工程的本籤; 這地窓圖則須存放於起節地象俱影音腳時五名。</li> <li>3. 湖際進行訂明確禁工程的其他條件: "还運用</li> <li>* 本建築嗓音許可證或其關本必須服示於磁速地整的 所有車輛進出口處。以做在使用比點內職列 的機動設備進行建築工程的任何時候。給予公眾人任希問。</li> <li>6. 周: 2001. 年.12. 月.17. 自</li> <li>1. 「」</li> <li>1. 「」</li> <li>2. 「」」</li> <li>3. 「」」</li> <li>3. 「」」</li> <li>3. 「」」</li> <li>4. 「」」<!--</td--><td></td><td></td><td></td><td></td><td></td><td></td></li></ul>						
<ul> <li>b.可進行訂明建築工程的建築嗓音許可重有效用: 生效日期及時間: 不適用.</li> <li>日期及時間: 不適用.</li> <li>比部分許可證構滿日時及時間: 不適用.</li> <li>日期 序随.</li> <li>本許可證可失附經監督認可的地強圖則,以副亦本許可證他子進行訂明產業工程的地識。</li> <li>2.本許可證可失附經監督認可的地強圖則,以副亦本許可證他子進行訂明產業工程的地識。</li> <li>2. 規度進行訂明確錄工程的其他條件.</li> <li>不遵用.</li> <li>*建築味音許可證或其副本必須請示於隨效地量的 所有車輛進出口處。以做在使用此際內戰例。</li> <li>的機動設備進行經驗工程的其他條件.</li> <li>日期: 2001. 年.12. 月 17. 6</li> <li>(間提大調代行】)</li> <li>慶慶.</li> <li>廣慶.</li> <li>廣慶.</li> <li>廣慶.</li> <li>廣慶.</li> <li>廣慶.</li> <li>廣慶.</li> <li>(間是大調代行】)</li> </ul>					요구는 활동물이 물건하게는 물건이 있어 같이 이상물리에서 있는 것같은 이 명도가 같은 이 이글 아이가 아이들을 다 있는 것이 같다.	
<ul> <li>b.可進行訂明確整工程的建築嗓音許可應有效用: 生效日期及時間: 不適用 日期及時間: 不適用</li> <li>此部分許可證構滿日期及時間: 不適用</li> <li>正許可證可失附經監督說可的地推圖川,以點示字許可證他子進行訂明確要工程的地識, 證地嚴圍則須存放於建築地學供監督聯時差治。</li> <li>4. 規國進行訂明確錄工程的其他推祥: 不遂用</li> <li>本建築嗓音許可證或其副本必須服示於處逸地驗的 所有車輛造出口處,以變在使用此際內戰別 的機動設備進行建築工程的任何時候,給予公眾人任參題。</li> </ul>	· · · ·					
<ul> <li>b. 可進行訂明建築工程的建築操作許可證有效期: 生效日期及時間: 不適用 日期及時間: 不適用</li> <li>此部分許可證購高日期及時間: 不適用</li></ul>	•••••••••••••••••••••••••••••••••••••••					
生效日期及時間: 不適用 日期及時間: 不適用 此部分許可證用滿日期及時間: 不適用 こ本許可證可夾將經監督認可的地盤圖則,以關亦本許可證准子準行紅的建業工程的地盤, 調加 陳應 の一次適用 小適用 ・ * 建築嗓音許可證或其副本必須展示於建築地盤的 所有準備進出口處,以做在當用比聽內略例 的機動設備進行建築工程的任何時候,給予公眾人任必問 	ь.	可進行訂明建築工程的建築噪	音許可證有效;			
日期及時間: 不適用 此部分許可簡用源日期及時間: 不適用 日期		生效日期及時間:不適用	<i></i>			
此部分許可證閒滿日防及時間: 不適用		日期及時間:不適用	, , , , , , , , , , , , , , , , , , ,			
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		此部分許可證用滿日期及時間	:,不適用		个週用	1* * * * *
<ul> <li>▶ 建整圈則須存放於建築地發供監督障碍表名</li> <li>4. 規関進行訂明建築工程的其他維件: 小適用</li> <li>* 本建築嗓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、以便在使用此聽內噼咧的機動設備進行建築工程的任何時候,給予公眾人仕參閱。</li> <li>□ 用: .2001. 年.12. 月.17. 日</li> <li>◎ 選擇:</li> <li>◎ 選擇:</li> <li>◎ 選擇:</li> <li>○ 算者</li> <li>○ 算者</li> <li>○ 算者</li> <li>○ 算者</li> </ul>	·	本許可費可來附綱監督歌可的	出来の時間の中にしま	山州	行邦明建器了程的域数	
<ul> <li>4. 規限進行訂明建築工程的其他操件: 小道用</li> <li>木建築嗓音許可證或其副本必須展示於建築地盤的 所有車輛進出口感,以做在使用此膠內戰列的機動設備進行建築工程的任何時候,給予公眾人任參閱。</li> <li>日期: 2001年12月.17日</li> <li>國主不適用者</li> <li>(前徒永慶代代).</li> </ul>		該地盤圖則須存放於建築地盤	供監督國時五名			
<ul> <li>本建築嗓音許可設或其副本必須展示於建築地盤的 所有車輛進出口處,以優在使用此意內戰列的機動設備進行建築工程的任何時候,給予公眾人任參問。</li> <li>日周: 2001. 年.12. 月.17. 自</li> <li>服表不適用者</li> <li>(前徒永識代行);</li> </ul>	d ,	規限進行訂明建築工程的其他	<b>能件</b>			
<ul> <li>* 本建築嗓音許可證或其副本必須展示於建築地盤的 的機動設備進行建築工程的任何時候,給予公眾人任參閱。</li> <li>日期: 2001. 年.12. 月.17. 自</li> <li>一番</li> <li>業費: 業費</li> <li>業費</li> <li>(前徒水園代代)</li> </ul>				1.1.4.1.11		
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22003700

建築噪音許可證 編號GW-1N0368-2001的附頁

#### 規限使用機動設備的其他條件: 3d:

- 在進行此許可證內所戰列的建築工程時,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 j. 以傳真(傳真號碼:2685 1133)或郵遞方式送蓬監督
- 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 ij. 許可證旁。
- 所有機動設備祗可在隔音屏障後使用,該隔音屏障必須不少於7米商 iiī.
- 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 iv. 證內所載列的機動設備不可使用。
- 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 ν.

答署

Signed

監督 (司徒永國代行)

Sheet 1 of 1

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

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

- The construction work in relation to this Construction Noise Permit shall only be carried out with i. 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
- Colour copies of two pages of A3 size notice showing "Key Information" of this Construction Nuise. Permit shall be displayed at all times next to copies of this Construction Noise Permit. ii,
- All the powered mechanical equipment shall only be operated behind an acoustic barrier of minimum üi. 7m high.
- The powered mechanical equipment covered by this permit shall not be operated when the powered jv. mechanical equipment covered by CNP No: GW-TN0220-2001 are being used between 19:00 hours and 23:00 hours on the same day.
- All care shall be taken to ensure that the construction work is carried out as quickly as possible with ٧. due regard for the potential noise intrusion which may result.



(SZETO Wing-kwok) for Authority



ZI DEC 2001 14-00 11		5 22003330	F 14/13
	主要資料 Key Informat	tion	
建築噪音許可證編號: Construction Noise Permit No	.: <u>GW-TN-0368-2001</u>		
許可證持有人:	中國港灣建設(集團)總公司		
<b>地點:</b>	新界馬鞍山 17 公路近錦英苑		문제가 있는 것 것 같다. 문제가 전 것 같은 바람 구드를 통
有效期:	2001年12月18日至2002	2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 C	'ompany ( Group )	
Location:	Construction of Road T7 in M	a On Shan near Kam	Ying
	Court, N.T.		
Validity period:	18 December 2001 to 18 A	pril 2002	
Permitted Hours:	MonSat.(except holidays)	7:00pm to 11:0	0°pm
			노동같이 아이는 것같이다. - 아이스에서 아이는 것이 같은
		이 사람들이 좋아 관재를 통합하는 것을 하는 것을 수 있다.	그는 그는 말 같은 물

הבסיכבוא





登部 混凝土搅拌車 Ob. Coucrete lorry mixer

-DEC-2001

EDOM

71



 · 夏田枝, 超低噪音型在7米距離時70分目(A.)
 One Generator, super silenced, 70 dB(A) at 7m



<sup>1</sup> 大直徑**須**孔橋・**指動機** 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,請參閱建築嗓音許可能 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 <u>GW-TN0368-2001</u> 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.



TOTAL P.15

			10 22000	שנכי	F.00/20
OUR REF: 来商儲號 YOUR REF: 電話2634 TEL. NO.: 關文傳真 FAX NO.: 2685	13828 51155	Local Control Office/ Units 1101-10 & Grand Cer 138 Sha Tin Rura Sha T	Territory North 1119–21, Level 11, htral Plaza, Tower I, I Committee Road, in, New Territories, Hong Kong.	eP,	污染管制辦學處 (新界北) 登港新貨沙田 达田鄉學有路 138 號 新城市中決區與 著一時十一時
鋼 加 Homepage: http:/	//www.info.gov.hk/epd	CHINA HAILBOUR UNG, CO, (CROUP) Countral T 7 - Ma On Shan			1101-10, 1119-21 :
Regi	istered Post	2 9 NOV 2001 <u>RECEIVED</u> Subject File: (2.) (0.3.7 Serbal No: (2.1632)		) 23 November 2	001 <del>2 4 Nr) V 2881</del>
To:	China Harbour Engine 19/F., China Harbour E 370-374 King's Road, North Point, Hong Kong.	ering Company (Group) Building,		Darte 3 R.J. S Nam HJJ FZ R W.B. ZJ () X S M.D.	279D c Initist Copy L
Dear	- Sir,			Silt B,F ZCEI	

### 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 <u>Construction of Road T7</u> 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 ensurecompliance 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 Authonity

#### то 22683950

reg.S(a

#### FORM 3 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-TN0340-2001

#### CONSTRUCTION NOISE PERMIT NO China Harbour Engineering Company (Group) То

This construction noise permit is issued in accordance with section 8 of the Noise Control Ordinance. Parmission 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 Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T. Full address

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.

- \*PART/WHOLE of the site falls \*WITHIN/OUTSIDE a designated area. 2.
- 3. Powered Mechanical Equipment
  - Items of powered mechanical equipment which may be used inside the site boundary at.

Identification code of item of powered mechanical equipment (if applicable)	Description of item of powered mechanical equipment	No. of units
CNP 102 CNP 166 	Generator, silenced, 75 dB(A) at 7 m Piling, large diameter bored, reverse circulation drill Air compressor with noise emission label, Sound Power Level $\leq 10.4$ dR(A)	One Two Two

Validity of the construction noise permit for the use of the powered mechanical equipment : 3 December 2001 19:00 hours b.,

Date and time of commencement : General holiday including Sunday between 07:00 and 23:00 hours and any day not 

2 June 2002 This part of the permit expires on : 23:00 hours

- 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,
- ď.
- Other conditions imposed on the use of the powered mechanical equipment : 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.
  - 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.

_		:		
Pres	cribed Construction Work			
2.	Type of prescribed construction work	which may be carried out in	side the site boundary :	
	Identification code of type of prescribed construction work		Description of type of	
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(SZETO Wing-kwok) Signed : . .

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表格3 嗓音管制條例 (第400章) .00120

第5(a)條

第8(9)條

#### 建築噪音許可證

爲進行建築工程(撞撃式打樁除外) 而便用機動設備及/或進行訂明建築工程

#### GW-TN0340-2001

#### 建築噪音許可證編號: 中國港灣建設(集團)總公司 教:

本建築嗓音許可證是按照(噪音管制條例)第8條的規定而發出的。現准子使用機動設備以違行 擊式打樁工程以外的建築工程及/或進行訂明建築工程,但須受以下條件規則。若不按照該等條 進行建築工程,許可證可還撤銷,而且會受到檢控。

		HA.	14		
可使用機動設備及/或	進行訂明建築工程	的建	绿地生	8	
洋細地址:初升馬	如1117公哈卫斯央	9 <u>0</u>	• • • • •		• • • • • •
		. :	• • • •	• • •	物段編號

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)已描劃於來附的圖則上, 而该 則是本建築嗓音許可證的一部分。

2. 該地盤部分/全部"位於指定範圍之內/外"

機動設備

1,

3.

a. 在地盤範圍內可使用的各項機動設備:

各項機動設備的課件代碼(如適用的話)	各項機動設備的說明				
CNP 102	發電機,低噪音型在7米距離時75分員				
	(人) 计算法 计算法 网络拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉拉				
CNP 166	大直徑鑽孔樁。循環式鑽機				
	空氣壓縮機・貼有嗓音標識及聲功率級≤				
	104 分貝(A) 104 分貝(A)				

b. 可使用機動設備的建築噪音許可證有效期: 二零零一年十二月三日 - 晚上七時正

生效日期及時間			T 7504 L	 ri		λin ≿nh t ÷nh *
日期及時間:	11111111111111111111111111111111111111	<u>а Г. т-си-</u> ,	化主动化 1.1	 又一把限制	们以分计的广	比何一次
	晚上七時正至晚上一	十一時正·				

日期

時間

·建築地盤須備有本建築噪音許可證所述發件機助設備的照片各一帧,供整置隨時查看; 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戰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 噪音許可證券。

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積

# 訂明建築工程

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4.	រា	明建築工程	· .	
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	· a .		电架上位 -	
		訂明建築工程的觀辨代碼		訂明建築工程的類別的說明
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	ь.	可進行訂明建築工程的建築到	●音許可證 有效期	
		生效日期及時間:		a bije en bij in posto se se standard de se
		日期及時間;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• • • • • • • • • • • • • • • • • • • •	
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		when the same also save also P(1) (19) 101, 140 mins more 11		
	с.	本	地盤圖則,以願。	示本許可證做予進行訂明建築工程的地點。
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				所有自能涨山口收入的加速行制的化物和非常
5.	本建	祭噪音許可證或其副本必須服	示於建築地盤的	717月,申销批理口口问题。 认识定住1次1月16日整约取为1
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			- 2 -	

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## 主要資料 Key Information

建築噪音許可證編號: Construction Noise Permit No.: 許可證持有人: 地點: 有效期: 生效時間:

Permit Holder: Location:

Validity Period:

**Permitted Hours:** 

GW-TN0340-2001

中國港灣建設(集團)總公司 新界馬鞍山 T7 公路近錦英苑 2001 年 12 月 3 日至 2002 年 6 月 2 日 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 China Harbour Engineering Company (Group) Construction of Road T7 in Ma On Shan near Kam Ying Court, N.T. 3 December 2001 to 2 June 2002

Mon.-Sat. (except holiday) General Holidays

准許

7:00pm to 11:00pm 7:00am to 11:00pm



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

武部 大直徑鑽孔機,循環式續機 Two Piling, large diameter bored reverse circulation drill



wo Air compressor with noise emission label, Sound Power Level ≤ 104dB(A) 15-DEC-2001 08.35

主要資料 Key Information

22000000

# 其他

如欲了解其他獲准使用的機動設備或限制條件,請參閱建築嗓音許可證 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-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 <u>GW-TN0340-2001</u> 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.



10-0	LL LU	UI UU.JU	LIV0H				بردده		F.13/20
本資協或 OUR REF: 来函燃設 YOUR REF 荒 路 TEL NO.: 脚文呼楽 FAX NO.: 啊 止 Homepage	(4) ir 2634 2685 a: http://	n EP531/N01 3828 1155 www.info.gov.i	/TN0341-2 hk/epd	001 Environr Local	nental Pro Control Of Units 1101 Grag 138 Sha Tir	fice/Territory Nor -10 & 1119-21, Lavel nd Central Plaza, Towe n Hural Committee Roz Sha Tin, New Territoria Hong Kon	nt th h, t, d, s, g,		環境保護層 污染管制辦學 (新界北) 香進新界沙田 沙田無學會路 1384 新城市中央廣播 第一座十一條 1103-10, 1119-21
	Regi	stered Post	S	HINA KARBOUR BAIL Contract T 7 - Ma ( 2 9 NOV 2 <u>RECEIV</u> abject File : 0.2 / (	∞,(08.0017) hn Shan 2001 /ED 23,7~	72	) 23 N	ovember 20	Ю1
	To: Dear	China Hart 19/F., Chir 370-374 K North Poin Hong Kong Sir,	oour Engli na Harboun ing's Road t, g.	i <del>dering Com</del> Building, I,	Gio	(qr		Date Re Ref No. HEJR HEJR WB Z S. ALD ALD SHO	
		ľ	lotice of I Section 8	ssue of Cons (6) of the No	truction l ise Contro	Noise Permit Purs ol Ordinance (Ca	suant to p. 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 <u>Construction of Road T7</u> in Ma On Shan near Heng On Estate, N.T.

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

VOLED PAPER

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

LULNO .:

23:00 hours

Teg S(a

### FORM 3 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 China Harbour Engineering Company (Group) To:

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

#### CONDITIONS

- 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.
  - The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prencritied construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.
- 2. \*IART/WHOLE of the site falls \*WITHIN/OUTSIDE a designated area.
- Powered Mechanical Equipment
  - 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 CNP 166	Generator, silenced, 75 dB(A) at 7 m Piling, large diameter bored, reverse cir	culation drill	Опе Тwo
	Air compressor with noise emission labé Power Level≦104dB(A)	l, Sound	Two

Validity of the construction noise permit for the use of the powered mechanical equipment :

3 December 2001 Date and time of commencement : ... 19:00 hours

General holiday including Sunday between 07:00 and 23:00 hours and any day Hot Days and hours being a general holiday between 19:00 and 23:00 hour

- 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.

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. 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.
	Prescribed C								
	a. Type of	prescribed construction	on work which ma	y be carried out	inside the site	boundary :			
	Ide pre	entification code of typescribed construction	ve of vork	• • •	Des prescri	scription of t bed construct	ype of tion work		
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	b. Validity	of the construction no	ise permit for the o	carrying out of il ipplicable	ic prescribed c	construction	work :		
	Days and	hours :	ot applicable	••••••••••••••••••••••••••••••••••••••	•••••••••••••••••		·····	· · · · · · · · · · · · · · · · · · ·	
	This part	of the permit expires	ов :	Not applic	able	af,	Not a	pplicable	
. (	<ul> <li>Site layou of preseri available</li> </ul>	it plan(5), endorsed by bed construction work for inspection by the	the Authority, ma described in this p Authority.	y be attached wi ermit. The layou	th the permit to t plan(s) is(are	o indicate th ) required to	e locations be kept on	permitted f	or the carry ction site an
Ċ	f. Other con	iditions imposed on th Not ap	e carrying out of a plicable	he prescribed co	ustruction wor	k ;			
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5. T	nis constructi	on noise permit or a c	opy thereof must h	oe displayed on t	he construction	ı sike ər	all ve	hicular s	ite entra
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(第5(a)版

表格3 嗓音管制條例 (第400章)

#### 第8(9)條

#### 建築嗓音許可證

為進行建築工程(撞撃式打攝除外) 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: 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推 擊式打樁工程以外的建築工程及/或進行訂明建築工程,但須受以下條件機限。若不按照該餐僅推 進行建築工程,許可證可還撤銷,而且需受到檢控。

#### 贷 件

 可使用機動設備及/或進行訂明建築工程的建築地盤: 新界馬鞍山17公路近恆安屯

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, 而設置 則是本選築嗓音許可證的一部分。

2. 該地盤部分/全部<sup>\*</sup>位於指定範圍之<del>內</del>/外<sup>\*</sup>

3. 機動設備

h

c.

**d** .

a. 在地盤範圍內可使用的各項機動設備

谷頃國则夜備的調拼几時(如週刊的話)	<b>查項機動設備的說明</b>	<b>E</b>
CNP 102	設電機,低噪音型在7米距離時75分貝	<b>A</b>
	(A)	
CNP 166	大直徑鑽孔梧,循環式鑽機	演
	空氣壓縮機,貼有噪音標籤及聲功率級≤	ji -
	104 分貝(A)	
一般假期包括星期日 晚上七時正至晚上十	上午七時正至晚上十一時正及一般假期以外的任 一時正。	<b>前</b> 十天
1期及時間: 一般假期包括星期日 晚上七時正至晚上十	上午七時正至晚上十一時正及一般復期以外的任 一時正。 零零二年六月二日 晚上十一時正	<b>神</b>
期及時間:  一般假期包括星期日 晚上七時正至晚上十 二 二 二	上午七時正至晚上十一時正及一般復期以外的任 一時正。 零零二年六月二日 晚上十一時正 日期 時間	柳天
<ul> <li>期及時間:一般假期包括星期日</li> <li>晚上七時正至晚上十</li> <li>部分許可證屆滿日期及時間:</li> <li>築地盤須備有本建築噪音許可證所</li> <li>照片須經監督認可。</li> </ul>	上午七時正至晚上十一時正及一般假期以外的任 一時正。 零零二年六月二日 晚上十一時正 日期 時間 述每件機動設備的照片各一帧,供監督障碍	何 一天 <b>在</b> 省 該
<ul> <li>一般假期包括星期日</li> <li>晚上七時正至晚上十</li> <li>部分許可證屆滿日期及時間:</li> <li>棄地盤須備有本建築嗓音許可證所</li> <li>照广須經監督認可。</li> <li>限使用機動設備的其他條件:</li> <li>在任何時間內展示兩頁載有本建築嗓音</li> </ul>	上午七時正至晚上十一時正及一般讓期以外的任 一時正。 零零二年六月二日 晚上十一時正 日期 時間 述每件機動設備的照片各一帧,供監督障碍 計許可證內「主要資料」之A3尺寸告示的彩色副詞	何十天 在 雷 · 政

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				
4. 訂明建築工程 a.在地盤範圍內可進行的訂明	· · ·	state in the pro-	1 - 11 - 11 H - 11 - 11 H - 11 H - 11 H	
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b. 可進行訂明建築工程的建築	嗓音許可證有效	拁:		
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	<b></b>	· · · · · · · · · · · · · · · · · · ·		
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此部分許可證備滿日期及時	間:		• • • • • • • • • • • •	
	: **	日期	時間	
c. 本許可證可夾附經監督認可	的地路顾到,以	而示本許可將准備	(持 27 第1 8日 28 63 11 日	ት ዕረት ነለት መት
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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,以便在使用山	證內載列
的機動設備進行建築工程的任何時代	候·給予公眾人任	<b>法限</b> 1 =		
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日期:2001. 年1]	月 23 日			
日期:2001. 年1]	月 23 日	☞₩ 【司徒永图代	<b>F</b> <b>F</b> <b>F</b>	



#### 主要資料 Key Information 建築噪音許可證編號: **GW-TN0341-2001 Construction Noise Permit No.:** 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 公路近恆安屯 有效期: 2001年12月3日至2002年6月2日 星期一至六(假日除外) 生效時間: 般假日 **Permit Holder:** Location:

Validity Period:

**Permitted Hours:** 

晚上7時至晚上11時 上午7時至晚上11時 China Harbour Engineering Company (Group) Construction of Road T7 in Ma On Shan near Heng On Estate, N.T. 3 December 2001 to 2 June 2002 Mon.-Sat. (except holiday)

**General Holidays** 

7:00pm to 11:00pm 7:00am to 11:00pm

# Permit

准許



發電機,低噪音型在7米距離時75分貝(A)<sup>20100</sup> 登部 One Generator, silenced, 75 dB(A) at 7m



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



## 主要資料 Key Information

66000000

F. 681 68

# 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 <u>GW-TN0341-2001</u> 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.



TOTAL P.20

#### **APPENDIX 8**

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



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



Cleming

檔案編號: EP52/W1/C255

公司/負責人姓名: 中国法演建 题(集团) 總公司

執事先生:

2.

· 3.

4.

## 水污染管制條例(第 358 章) <u>巡査記錄</u>

本署職員於 2001年12月6日在 新星馬鞍山近宫里加風及
<u>中一千代的17元后,</u> 巡查時,懷疑有以下運例事項(在山內有×省).
□ 廢水由被錯誤接駁到雨水渠 / 內陸
水域 / 海岸水域*。
☑ 排放水員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。
☑ 廢水處理不足,以致排放物未能達致牌照標準。 □ 廢水虛化溝油及塗水每次滴滴滴:
□ 酸小田化翼池及修小系机腔溢加管排入的小果/PP座小域/每岸小域 ·
口 其他:
٥ 
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(在口內有✓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。
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。
你亦需要:
如有任何查詢,請致電 <u>2634 388;</u> 與 <u>將走快</u> 聯絡。

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

巡查記錄

條例/規例		附上的	]表格 (有✓者)
	粉紅色		黄色
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	$\checkmark$		
37614- 1	姓名: 職級及職位:	陳之	走康夏瑶境保護督察
521十八	电 品	26-34	
	<sup>双</sup> 口 <sup>,</sup>	<	*
· · ·	日期:	5	12 2021
	姓名: 職位:	い 	<u>综邦</u> 夏又程師
「	電話號碼:	9	203 5520
〔 <i>見備註〕</i>	簽名:		¢-
	日期:		alin Leung.
公司印鑑			

備註:

p...0

- 1. 附表為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,

(covr\_sht.doc [Rev 8,99])

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) :  $\underline{TE2/S/OI4101}$  which was/were selected by me and delivered to me by staff of the Environmental Protection Department (EPD) on the <u>6 Dec 2001</u>.

正式樣本收據

梁辉邦

樣本收取人簽署 Signature ofd Samples Receiver

英文姓名(正楷) Name in Block Letter

身份證號碼 H.K.I.D. Card Number

職位 Capacity in the Company

公司名稱 Name of Company

簽收日期 Date of Receipt

LEUNG MIN PONG K438173 (4) Environmental Engineer 灣建設(集團)魄街

\*6/12/01

			檔案 File F	編號 lef.	Ep52/wi/ (25
本編號 : ample Identificati	on Number :_	TEZ/S/0141	01		
() pH		酸鹼值	( )	Zinc	鋅
(X) Suspended	Solids	懸浮固體	( )	Mercury	汞
() Settleable	Solids	可沉積固體	( )	Cadmium	銿
() Biochemic	al Oxygen Demand	生化需氧量	()	Iron	鐵
() Chemical	Dxygen Demand	化學需氧量	(_)	Boron	研
() Oil and G	ease	油脂	()	Barium	. 鋇
() Surfactant	s (total)	表面活性剤(總量)	()	Copper	銅
() Total Nitr	ligen	總氮	()	Nickel	" 鎳
() Total Pho	nhorus	總磷	()	Silver	銀
() Sulphide	pror as	硫化物	()	Cyanide	氰化物
() Sulphate		硫化圞	()	Phenol	酚
() Surpliate	Nitrogen	氨 - 氦	()	Chromium	路
<ul> <li>( ) Annhoma</li> <li>( ) E.Coli (co</li> </ul>	unt/100ml)	大腸桿菌(個/100 毫升)	()	Tin Lead	錫 鉛

() Other(s)

其他:

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

() 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:中国港湾建设(集图)總公司

執事先生:

## 水污染管制條例(第358章) 巡査記錄

本署職員於2001年12月7日在新品馬鞍山低富寶龙園及

- □ 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
- DY 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):
  - 团 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。

你亦需要: 3. 如有任何查詢,請致電 2634 3888 生;4 聯絡。 ・囲 4.

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.

5

ما با ا

# Acknowledgment of Receipt

I under a receipt of the part(s) (Part A) of the formal sample	e(s) with
TF2/I/01601	which
identification number(s) :/	- onmental
was/were selected by me and delivered to me by staff of the Envir	Unincindi
$7 \cdot 12 \cdot 2001$ .	
Protection Department (LTD) on and	

12 . 正式樣本收據 及標記「A」的正式樣本乙份。

樣本收取人簽署 Signature ofd Samples Receiver Culin Leung

LEUNG MIN MAC

英文姓名(正楷) Name in Block Letter

- o - ....e

5

身份證號碼 H.K.I.D. Card Number

職位 Capacity in the Company

公司名稱 Name of Company

簽收日期 Date of Receipt

KY38 1731X)

Environmentel Ingineer

China Harbour

11/12

	檔案語 File R	f號 : ef. :	<u>Ep52/w</u>	1/ 0255
★本編號 Sample Identification Number   IE 2/1/0160   Sample Identification Number   IE 2/1/0160   Suspended Solids   Suspended Solids   Settleable Solids   Settleable Solids   Biochemical Oxygen Demand   Sufactants Oxygen Demand   Suffactants (total)   Surfactants (total)   Sulphide   Sulphide  <	<pre>/ ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )</pre>	Zinc Mercury Cadmium Iron Boron Barium Copper Nickel Silver Cyanide Phenol Chromium Tin Lead	笄汞系数研织射镍银氧酚路锡鉛 的	

( ) Other(s)

其他:\_

檔案編號 File Ref.

:

:

# 樣本編號

Sample Identification Number

:

( ) ( ) ( ) ( ) ( ) ( ) ( )	pH Suspended Solids Settleable Solids Biochemical Oxygen Demand Chemical Oxygen Demand Oil and Grease Surfactants (total) Total Nitrogen Total Phosphorus Sulphide Sulphate	酸鹼值 懸浮固證 可沉積固證 生化需氧量 化學需氧量 油脂 表面活性劑(總量) 總気 總磷 硫化物 硫化塑		Zinc Mercury Cadmium Iron Boron Barium Copper Nickel Nickel Silver Cyanide Phenol Chromium	<b>笄汞鎘滋研</b> 즳銅鎳銀氰酚銘 化
() () () ()	Sulphide Sulphate Ammonia Nitrogen E.Coli (count/100ml)	硫化塑 氨 - 気 大腸桿菌(個/100 毫升)	( ( (	) Phenol ) Chromium ) Tin ) Lead	od 络 錫 鉛

•

() Other(s)

其他:\_



檔案編號: <u>GW-TN0341-2001</u>	3
公司/負責人姓名:中国港游建設(集團)總公司/葉史	生
執事先生:	

#### 噪音管制條例(第400章) <u>巡査記錄</u>

本署職員於<u>16.12.01</u> 在<u>新界馬鞍山 77 公路近</u> <u>吃 安 邨 69 建 築 ≠0 般</u> 巡查時, 懷疑有以下違例事項(在 □內有✓者):

☑ 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(<u>流, 動, 起, 車, 終, ≰, 续, 機</u>。

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 印 鐵 枝

21.

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(在口內有✓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,該等證據可能會作為呈堂之用。

你需要:即时停止准行不按昭許可證上外 3. 列修作的行為 林先生 4. 如有任何查詢,請致電 2634,3897 飷 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。 • 國去不適用者

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					
	姓名: 職級及職位:	林少禅 高级巧现采道自家			
發件人	電話號碼:	2634 3897			
	簽名:				
		time			
	日期:	16.12.2001			
	姓名:	JIP MING FIM			
	職位:	G - Foreman			
收件人	電話號碼:	90.09197			
(見備註)	簽名:	16.7.50			
	日期:	16/ sec. /2001			
公司印鑑					

備註:

- 1. 附表為記錄環保署職員在現場所提供的建議及採取的行動。
- ·2. 收件人應獲授權為公司/負責人代收巡查記錄。
- 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 3. 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。

(licen\letter\cover\covr\_sht.doc)

#### **APPENDIX 9**

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

	· · · · · · · · · · · · · · · · · · ·	By Fax Only	$\square$
	M	EMO	
From	Director of Environmental Protection	70 Project Manager/NTE, TDD	<b>.</b>
Ref.	(63) in EP 2/N1/29 (XI)	(Attn.:_ Mr George K.M. Mak	)
Tel. No.	2835 1112	Your Ref in	<b></b>
Fax. No.	2591 0558	dated Fax. No. 2721 8630	
Dəte	18 December 2001	Total Pages 2	

FROM ENVIRONMENTAL PROTECTION

#### 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.

18-DEC-2001

17:05

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.

(fulle

TO

28656493

P.01

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

Encl.

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

# 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) 汚染發生的時間 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:

· • · ·

Y.H. Fung, CRE/T7         From	ME	MQ
Pax. No.         2643 3559         dated _07.12.2001         Fax. No.         2591 0558           Date         17 December 2001         Total Pages	Y.H. Fung, CRE/T7         From <u>MCAL, NTE Development</u> Refin <u>T7(ST86/2000)/M05/412(0059)</u> Tel. No. <u>2643 9020</u> Fax. No. <u>2643 3559</u> Date <u>17 December 2001</u>	To <u>Director of Environmental Protection</u> Attn.: <u>Jolitta Chan</u> Your Ref. <u>(58)</u> in <u>EP 2/N1/29 (XI)</u> dated <u>07.12.2001</u> Fax. No. <u>2591 0558</u> Total Pages

<u>By Fax Only</u>

### 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)

FILE TITLE: CPT/SUNDAY CONSTRUCTION NOISE FROM SITE OF ROAD T7 BEHIND KAM

#### 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 烈嗓音,因星期日早上關係,非常影響居民休息,現設烈要求環保署能採取有效措施,防止此嗓音滋擾在星期日不斷發生。

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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 I7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: 遂續不斷 Remark:

5) 受影響的人士或地方 Ans: 民居

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M	EMO
Y.H Fung, CRE/T7	
From MCAL, NTE Development	To Director of Environmental Protection
Ref in T7(ST86/2000)/M05/412(0057)	Atm. Miss Jolitta Chan
Tel. No. <u>2643 9020</u>	Your Ref. (58) in EP 2/N1/29 (XI)
Fax. No2643 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 <u>Public Complaint of 7 December 2001</u>

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.

Encl. YHF:cc

Y.H. Fung Chief Resident Engineer

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

# 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: 投訴馬鞍山恆安打對出的 T7 公路工程有很大嗓音、要求跟進,

2) 污染致生的日期 Ans: 平日 Remark:

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:

## <u>MEMO</u>

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-			

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

To
Atm.: Jolitta Chan
Your Ref. (54) in <u>EP 2/N1/29 (XI)</u>
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 thereform. 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) .

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## 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: 馬鞍山錦興宛對出正進行 I7 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) 污染致生的時間 Ans: 誘性明 Remark: 全日

4) 污染發生的模式 Ans: 運溜不斷 · Remark:

5) 受影響的人士或地方 Ans: 民居

04-DEC-2001 14:05 FROM ENVIRONMENTAL PROTECTION	TO
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	By Fax Only	(
	MEMO	$\smile$
Director of Environmental Protection	ro Project Manager/NTE, TDD	
(54) in EP 2/N1/29 (XI)	(Attn.: Mr George K.M. Mak	)
2835 1112	Your Ref. in	
2591 0558	dated Fax. No. 2721 8630	
4 December 2001	Total Pages3	
	Director of Environmental Protection         (54)       In       EP 2/N1/29 (XI)         2835 1112       2591 0558         4 December 2001	By Fax Only         MEMO         Director of Environmental Protection       To       Project Manager/NTE, TDD         (54)       in       EP 2/N1/29 (XI)       (Attn.:       Mr George K.M. Mak         2835 1112       Your Ref.       in       in         2591 0558       dated       Fax. No.       2721 8630         4 December 2001       Total Pages       3       3

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

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 OAP (Attn. Mr. J.M. Slater) (Attn. Mr. Sam Tsoi) Fax: 2691 2649 Fax: 2865 6493

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

## CASE DETAILS

 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 17 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

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

	<u>Bv Fax Only</u>	(
Δ	<u>AEMO</u>	
Director of Environmental Protection	70 Project Manager/NTE, TDD	
(58) in EP 2/N1/29 (XI)	(Attn.: Mr George K.M. Mak	
2835 1112	Your Def	
2591 0558	dated Fax No 2721 8630	
7 December 2001	Total Pages 3	
	Director of Environmental Protection           (58)         in         EP 2/N1/29 (XI)           2835 1112         2591 0558           7 December 2001	By Fax Only         MEMO         Director of Environmental Protection       To       Project Manager/NTE, TDD         (58)       in       EP 2/N1/29 (XI)       (Attn.: Mr George K.M. Mak         2835 1112       Your Refin       in         2591 0558       dated Fax. No. 2721 8630         7 December 2001       Total Pages 3

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

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

Manager.

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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 OAP

(Attn. Mr. J.M. Slater) (Attn. Mr. Sam Tsoi) Fax: 2691 2649 Fax: 2865 6493

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

TO

#### CASE DETAILS

 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.現於烈要求環保習能採取有效措施,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) 汚染發生的模式 Ans: 連續不斷 Remark:

5) 受影響的人士或地方 Ans: 民居

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

#### CASE DETAILS

 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: 投訴馬鞍山恒安打對出的T7公路工程有很大嗓音,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:

汚染發生的時間
 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: