

CONTRACT NO. HY/2012/06
Widening of Fanling Highway
Between Tai Hang and Wo Hop Shek Interchange (Stage 2)

ENVIRONMENTAL COMPLAINT ACTION FORM

Environmental Enquiry No.: EC-08
(Related Previous Enquiry NO.: --)

COMPLAINT DETAILS

Date Received	1 March 2018
Parameter	* Air/ Noise/ Water /Waste /Landscape
Enquirer's Details	
Name	Not disclosed
Contact Tel No.	Not disclosed
Address	Not disclosed

FOLLOW-UP ACTION

First Contact with the Complaint by	* Telephone / Site Visit / Referral from EPD / Referral from the 1823 enquiry and complaint hotline
Date of the First Contact	25 February 2018
<p>Details of Complaint:</p> <p>The 1823 enquiry and complaint hotline received a complaint on 25 February 2018. The complaint was referred to the Environmental Team by the Contractor on 1 March 2018.</p> <p>A complainant complained that noise nuisance was caused continuously by road construction works at Fanling Highway near Tai Hang Village during 01:30 to 04:00 on 25 February 2018.</p> <p>The complainant concerned that the nuisance affects residence and asked for follow-up action from the related department.</p>	
<p>Investigation and Findings :</p> <p>As advised by the Contractor (China State Construction Engineering (HK) Ltd.), road resurfacing at northbound of Fanling Highway near Tai Hang was undertaken during the concerned period under the Construction Noise Permit (CNP), GW-RN0021-18. Resurfacing works was scheduled to restricted hours to avoid causing serious interruption to road transport. EPD and the publics were notified in accordance with the requirement stipulated in the permit. The works area is</p>	

shown in **Figure 1**. The CNP was provided in **Attachment 1**.

Construction works were carried out during restricted hours under CNP: GW-RN0021-18.

Works Area	CNP No.	Effective Date
CH21.3 – CH21.8	GW-RN0021-18	28 January 2018 – 3 June 2018

According to the Contractor, the PME used are summarized in the following table.

Time	PME used (with No. of Units)
01:30 – 03:00 a.m.	1 no. of asphalt paver; and 1 no. of dump truck
03:00 – 04:00 a.m.	1 no. of road roller; and 1 no. of roller vibratory

The construction works carried out within the concerned period, which was reported by the Contractor, was considered to be in compliance with the CNP. One of the Group C and D of the PME items listed in the condition 3.a of the CNP were operated alternatively without overlapping within the concerned period. As advised by the Contractor, all conditions stipulated in the CNP were strictly complied and compliance check has been conducted by Contractor's supervisory staff on site.

The Contractor is advised to implement the mitigation measures as stated in "Recommended Mitigation Measures".

Exceedance Associated with Site
Activity to

* No Exceedance / ~~Action / Limit~~

Recommended Mitigation Measures:

- 1) Strictly follow all terms and conditions of a valid CNP;
- 2) Communicate with operation team to draw their attention on relevant Noise Control Ordinance;
- 3) Inspect the PMEs regularly and well maintain them to ensure that they are operating efficiently and in good condition;
- 4) Display the copy of CNP at the construction site entry/exit area for public information;
- 5) Review and relocate the position of fixed plant to minimize nuisance to the neighboring properties and public; and
- 6) Foster better public relations with the sensitive receivers and complainants nearby.

* Delete where inappropriate


MONITORING

Ad hoc Monitoring undertaken	* Yes / No

* Delete where inappropriate

Prepared by: Y W Fung

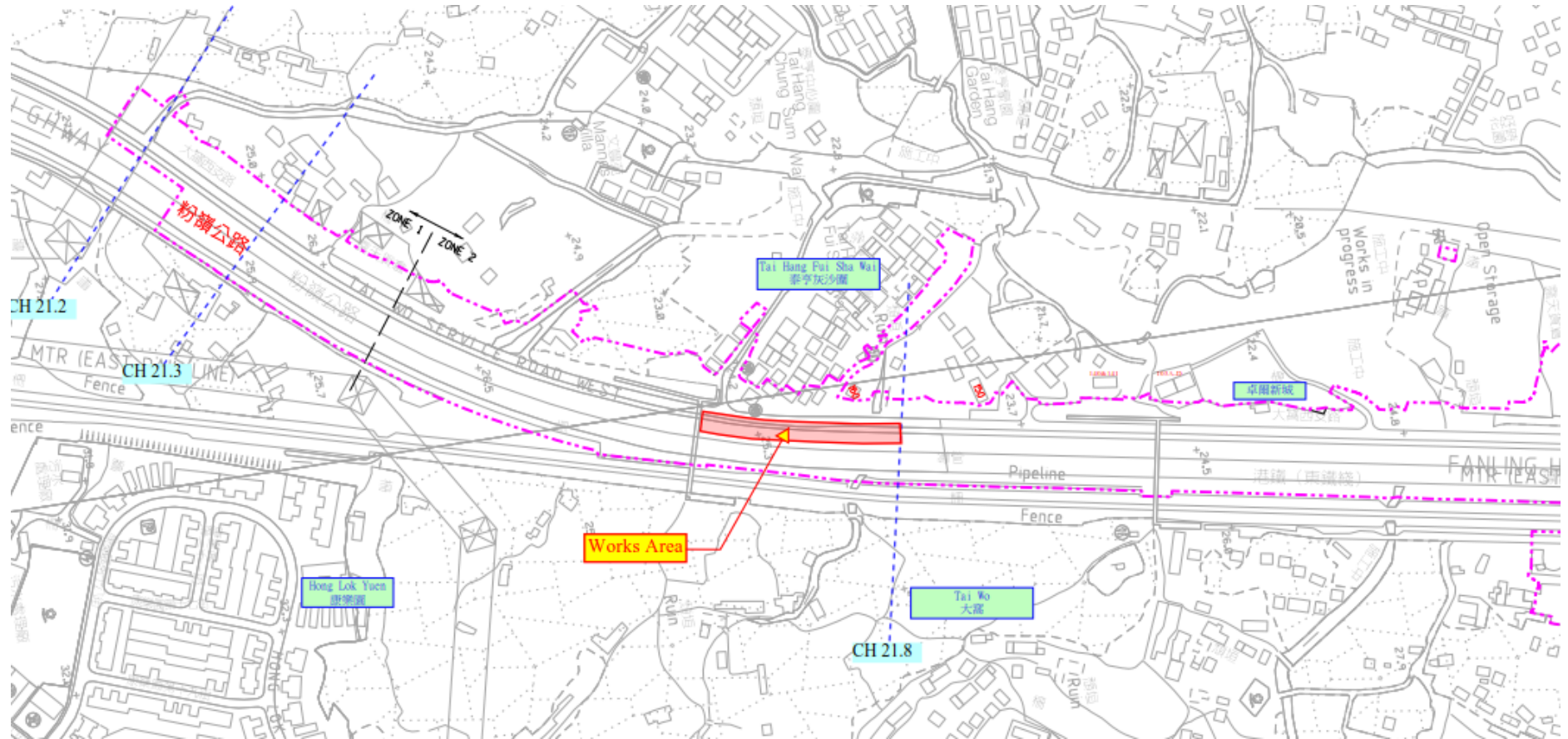
Designation: Environmental Team Leader

Signature:  _____

Date: 6 April 2018

FIGURE

Figure 1 – Site Layout Plan



ATTACHMENT

FORM 3
NOISE CONTROL ORDINANCE
(Chapter 400)
SECTION 8(9)

[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**

CONSTRUCTION NOISE PERMIT NO. GW-RN0021-18

To: China State Construction Engineering (Hong Kong) Limited

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

CONDITIONS

1. Construction site where the powered mechanical equipment and/or prescribed construction work may be employed :
Full address : The section of Fanling Highway Northbound between CH21.3 and CH21.8, Tai Po, New Territories (Highways Department Contract No. HY/2012/06 - Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange) Lot No. ---

The site boundary, that is, the boundary of the area within which the powered mechanical equipment may be used and the prescribed construction work may be carried out is delineated on the attached plan which forms part of this construction noise permit.

2. *PART/WHOLE of the site falls *WITHIN/OUTSIDE a designated area.
3. Powered Mechanical Equipment

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

<i>Identification code of item of powered mechanical equipment (if applicable)</i>	<i>Description of item of Powered mechanical equipment</i>	<i>No. of units</i>
Refer to attached sheet		

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

Date and time of commencement : 28th January 2018 at 0030 hours

Days and hours: 0000-2400 hours on general holiday (including Sundays), 0000-0700 hours and 1900-2400 hours on any day not being a general holiday [but note Condition 3.d.1 below for the operating hours within which the use of the above listed powered mechanical equipment is allowed].

This part of the permit expires on : 3rd June 2018 at 0600 hours

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

Please refer to attached sheet 1 and sheet 2 for conditions imposed for this construction noise permit [which is issued as a **special case** due to constraints on working hours to **avoid causing serious interruption to road transport**].

4. Prescribed Construction Work

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

<i>Identification code of type of prescribed construction work</i>	<i>Description of type of Prescribed construction work</i>
PCW 002	Loading, unloading or handling of rubble

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

Date and time of commencement : 28th January 2018 at 0030 hours

Days and hours : 0000-2400 hours on general holiday (including Sundays), 0000-0700 hours and 1900-2400 hours on any day not being a general holiday [but note Condition 4.d.1 below for the operating hours within which the carrying out of the above listed prescribed construction work is allowed].

This part of the permit expires on : 3rd June 2018 at 0600 hours

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

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

Please refer to attached sheet 2 for conditions imposed for this construction noise permit [which is issued as a **special case** due to constraints on working hours to **avoid causing serious interruption to road transport**].

5. This construction noise permit or a copy thereof must be displayed on the construction site at all vehicular site entrances/exits for public information .

Dated this 23rd Day of January 2018

Signed: _____



(CHENG Kai-wa)

for Authority

* Delete as necessary

表格 3
噪音管制條例
(第 400 章)
第 8(9) 條

[第 5(a) 條]

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

建築噪音許可證編號: GW-RN0021-18

致: 中國建築工程(香港)有限公司

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

條件

1. 可使用機動設備及／或進行訂明建築工程的建築地盤：

詳細地址：新界大埔介乎鏈距 CH21.3 與 CH21.8 之間的一段粉嶺公路北行線
(路政署合約編號：HY/2012/06 - 粉嶺公路擴闊工程 — 泰亨至和合石交匯處)。

地段編號: ---

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

2. 該地盤部份/全部*位於指定範圍之內/外*。

3. 機動設備

- a. 在地盤範圍內可使用的各項機動設備：

各項機動設備的識辨代碼 (如適用的話)	各項機動設備的說明	數目
	參照附頁	

- b. 可使用機動設備的建築噪音許可證有效期：

生效日期及時間：二零一八年一月二十八日 凌晨零時三十分

日期及時間：公眾假日(包括星期日)的凌晨零時至晚上十二時，公眾假日以外的任何一日凌晨零時至上午七時及下午七時至晚上十二時(但須注意條件 3.d.1 有關可以使用上列機動設備的時間)。

此部分許可證屆滿日期及時間：二零一八年六月三日 上午六時

日期

時間

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

- d. 規限使用機動設備的其他條件：

請參見附頁一及附頁二有關本建築噪音許可證的規限條件[該條件是鑒於本建築噪音許可證屬特別個案而註明的。而該特別個案是為避免於其他時段施工時引致嚴重妨礙道路交通的情況而處理的]。

4. 訂明建築工程

a. 在地盤範圍內可進行的訂明建築工程：

訂明建築工程的識辨代碼	訂明建築工程的類別的說明
PCW 002	裝卸或處理瓦礫

b. 明建築工程的建築噪音許可證有效期：

生效日期及時間： 二零一八年一月二十八日 凌晨零時三十分

日期及時間： 公眾假日(包括星期日)的凌晨零時至晚上十二時，公眾假日以外的任何一日凌晨零時至上午七時及下午七時至晚上十二時[但須注意條件 4.d.1 有關可進行上列訂明建築工程的時間]。

此部分許可證屆滿日期及時間： 二零一八年六月三日 上午六時

日期

時間

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

d. 規限進行訂明建築工程的其他條件：

請參見附頁二有關本建築噪音許可證的規限條件[該條件是鑒於本建築噪音許可證屬特別個案而註明的。而該特別個案是為避免於其他時段施工時引致嚴重妨礙道路交通的情況而處理的]。

5. 本建築噪音許可證或其副本必須展示於建築地盤的 所有車輛出入口處，給予公眾人士參閱。

日期：二零一八年一月二十三日



簽署：_____

監督
(鄭啟華 代行)

* 刪去不適用者

SPECIAL CASE – avoid causing serious interruption to road transport
 特別個案 – 避免引致嚴重妨礙道路交通

Sheet 1 of 2

Sheet Attached to Construction
 Noise Permit No. **GW-RN0021-18**

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

<i>Identification code of item of powered mechanical equipment (if applicable)</i>	<i>Description of item of Powered mechanical equipment</i>	<i>No. of units</i>
Group A : ---	Road marking material boiler, lorry mounted	One
Group B : ---	Mini Road miller	One
---	Dump truck, 5.5 tonne < gross vehicle weight ≤ 38 tonne	One
Group C : CNP 004	Asphalt paver	One
---	Dump truck, 5.5 tonne < gross vehicle weight ≤ 38 tonne	One
Group D : CNP 185	Road roller	One
CNP 186	Roller, vibratory	One
Group E : ---	Lorry with crane, 5.5 tonne < gross vehicle weight ≤ 38 tonne	One

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

- Subject to conditions 3.d.6 & 3.d.7 below, the powered mechanical equipment listed in condition 3.a. shall only be operated during the hours shown below :

Sunday	0030 – 0600 hours
--------	-------------------

- The construction work in relation to this Construction Noise Permit shall only be carried out with prior notification to the Authority of the location, date and time of the work as well as the details of work program (including the date and time for carrying out different phases or sequence of work) etc. Such notification shall be made by logging in the following webpage (<http://cnp-advancenotification.hk>) and submitting all information required. Such notification shall be made within 14 days but no less than 48 hours before commencement of work for every work location.
- The powered mechanical equipment listed in condition 3.a. of this Construction Noise Permit shall not be operated when any construction work covered by the Construction Noise Permit no. **GW-RN792-17** is being carried out.
- The powered mechanical equipment listed in condition 3.a. shall only be operated within Six nights during the validity period of this construction noise permit.
- Only one group of the powered mechanical equipment listed in condition 3.a. shall be allowed to be operated at any time.
- Mini Road miller shall not be operated between 0230 and 0600 hours.
- The powered mechanical equipment of Group C and Group D listed in condition 3.a. shall not be operated between 0430 and 0600 hours.



Signed : _____

(CHENG Kai-wa)

for Authority

SPECIAL CASE – avoid causing serious interruption to road transport
特別個案 – 避免引致嚴重妨礙道路交通

Sheet 2 of 2

Sheet Attached to Construction
Noise Permit No. **GW-RN0021-18**

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

8. All flaps and panels of Asphalt paver (CNP 004), Mini Road miller, Road roller (CNP 185) and Roller, vibratory (CNP 186) shall be closed.
9. Asphalt paver (CNP 004), Mini Road miller, Road roller (CNP 185) and Roller, vibratory (CNP 186) shall be equipped with the following noise control measures:
 - minimum 50mm thick sound absorbing lining to the engine compartments as far as possible;
 - effective engine exhaust silencers; and
 - sound baffles comprised of minimum 50mm thick sound absorbing lining and 10mm thick plywood (or 1mm thick steel) backing mounted near all openings of the engine compartments so that there is no direct line of sight to the interior of the engine compartments.
10. All care shall be taken to ensure that the construction work is carried out as quickly as possible with due regard to the potential noise intrusion which may result.
11. Portable phones or walkie talkies with headphones shall be used for site communication. No whistles, horns and loudspeakers shall be used. No shouting shall be allowed.
12. The construction work shall be carried out outside restricted hours as far as practical.

4.d. Other conditions imposed on the carrying out of the Prescribed Construction Work:

1. The prescribed construction work listed in condition 4.a. shall only be carried out during the hours shown below :

Sunday	0030 – 0600 hours
--------	-------------------

2. The construction work in relation to this Construction Noise Permit shall only be carried out with prior notification to the Authority of the location, date and time of the work as well as the details of work program (including the date and time for carrying out different phases or sequence of work) etc. Such notification shall be made by logging in the following webpage (<http://cnp-advancenotification.hk>) and submitting all information required. Such notification shall be made within 14 days but no less than 48 hours before commencement of work for every work location.
3. The prescribed construction work listed in condition 4.a. of this Construction Noise Permit shall not be carried out when any construction work covered by the Construction Noise Permit no. **GW-RN0792-17** is being carried out.
4. The prescribed construction work listed in condition 4.a. shall only be carried out within Six nights during the validity period of this construction noise permit.
5. Rubber padding or sheeting of minimum 10 mm thick, or appropriate resilient material shall be placed between hard surfaces when carrying out the loading, unloading or handling of rubble (PCW 002).
6. 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.
7. Portable phones or walkie talkies with headphones shall be used for site communication. No whistles, horns and loudspeakers shall be used. No shouting shall be allowed.
8. The construction work shall be carried out outside restricted hours as far as practical.



Signed : _____
(CHENG Kai-wa)
for Authority



SPECIAL CASE – avoid causing serious interruption to road transport
特別個案 – 避免引致嚴重妨礙道路交通

第一頁 (共二頁)

建築噪音許可證
編號 **GW-RN0021-18** 的附頁

3.a. 在地盤範圍內可使用的各項機動設備:

各項機動設備的識辨代碼 (如適用的話)	各項機動設備的說明	數目
A 組: ---	道路油漆熔爐, 裝在貨車上	壹
B 組: ---	小型碾路機	壹
---	卸土車, 5.5 噸 < 總重量 ≤ 38 噸	壹
C 組: CNP 004	瀝青攤鋪機	壹
---	卸土車, 5.5 噸 < 總重量 ≤ 38 噸	壹
D 組: CNP 185	道路滾壓機	壹
CNP 186	滾壓機震盪型	壹
E 組: ---	吊臂貨車, 5.5 噸 < 總重量 ≤ 38 噸	壹

3.d. 規限使用機動設備的其他條件:

1. 除以下條件 3.d.6 及 3.d.7 另有規定外, 祇可於以下時間使用列在條件 3.a.內的機動設備:

星期日	凌晨零時三十分 至 上午六時
-----	----------------

2. 在進行此建築噪音許可證內所載列的建築工程時, 必須確保就每個施工地點於施工前48小時至施工前14日內, 登入以下網上平台 (<http://cnp-advancenotification.hk/tc>) 並就每個施工地點於施工前48小時至施工前14日內填妥及提交有關施工地點、日期及時間、及施工程序安排(包括不同階段或工序施工日期及時間的安排)等所需資料。
3. 當進行建築噪音許可證編號 **GW-RN0792-17** 的建築工程時, 不可使用此建築噪音許可證內列在條件3.a.內的機動設備。
4. 祇可於此建築噪音許可證有效日期內的其中陸晚使用列在條件 3.a.內的機動設備。
5. 在任何時間內, 祇可使用列在條件 3.a.內的機動設備的其中一組。
6. 小型碾路機不可在凌晨二時三十分至上午六時使用。
7. 列在條件 3.a.內的C組及D組機動設備不可在凌晨四時三十分至上午六時使用。



簽署: _____



監督
(鄭啟華 代行)

**SPECIAL CASE – avoid causing serious
interruption to road transport
特別個案 – 避免引致嚴重妨礙道路交通**

第二頁 (共二頁)

建築噪音許可證
編號 **GW-RN0021-18** 的附頁

3.d. 規限使用機動設備的其他條件：

8. 瀝青攤鋪機(CNP 004)、小型碾路機、道路滾壓機(CNP 185)及滾壓機震盪型(CNP 186)的所有覆蓋及嵌板必須關閉。
9. 在瀝青攤鋪機(CNP 004)、小型碾路機、道路滾壓機(CNP 185)及滾壓機震盪型(CNP 186)上，必須裝上下列的控制噪音措施：
 - 在引擎間格內盡量襯墊最少50毫米厚的吸音材料；
 - 有效的引擎死氣喉滅聲器；及
 - 在引擎間格的所有通氣出入口裝上隔音板障，該板障必須以不少於50毫米厚的吸音襯墊及10毫米厚的木板或1毫米厚的鐵板造成，以防止引擎的噪音直接散發於外間。
10. 持證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。
11. 地盤通訊必須使用手提電話或連耳筒對講機，不可使用哨子、號角及擴音器，不准喧嘩。
12. 在可能範圍內，有關的建築工程須在非限制時間內進行。

4.d. 規限進行訂明建築工程的其他條件：

1. 祇可於以下時間內進行列在條件4.a.內的訂明建築工程：

星期日	凌晨零時三十分 至 上午六時
-----	----------------

2. 在進行此建築噪音許可證內所載列的建築工程時，必須確保就每個施工地點於施工前 48 小時至施工前 14 日內，登入以下網上平台 (<http://cnp-advancenotification.hk/tc>) 並就每個施工地點於施工前 48 小時至施工前 14 日內填妥及提交有關施工地點、日期及時間、及施工程序安排(包括不同階段或工序施工日期及時間的安排)等所需資料。
3. 當進行許可證編號 **GW-RN0792-17** 的建築工程時，不可進行此建築噪音許可證內列在條件 4.a. 內的訂明建築工程。
4. 祇可於此建築噪音許可證有效日期內的其中陸晚進行列在條件 4.a.內的訂明建築工程。
5. 當進行裝卸或處理瓦礫的工程(PCW 002)時，必須將不少於 10 毫米厚的膠墊或彈性襯墊分隔開硬物。
6. 持證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。
7. 地盤通訊必須使用手提電話或連耳筒對講機，不可使用哨子、號角及擴音器，不准喧嘩。
8. 在可能範圍內，有關的建築工程須在非限制時間內進行。



簽署：_____



監督
(鄭啟華 代行)

建築噪音許可證編號 GW-RN0021-18 的相

Photographs attached to Construction Noise Permit No. GW-RN0021-18



小型碾路機

Mini Road miller



CNP 004

瀝青攤鋪機

Asphalt paver

建築噪音許可證編號 GW-RN0021-18 的相

Photographs attached to Construction Noise Permit No. GW-RN0021-18



--- 卸土車，5.5 噸 < 總重量 ≤ 38 噸
Dump truck, 5.5 tonne < gross vehicle weight ≤ 38 tonne



---- 道路油漆熔爐，裝在貨車上
Road marking material boiler, lorry mounted

建築噪音許可證編號 GW-RN0021-18 的相

Photographs attached to Construction Noise Permit No. GW-RN0021-18



--- 吊臂貨車，5.5 噸 < 總重量 \leq 38 噸
Lorry with crane, 5.5 tonne < gross vehicle weight \leq 38 tonne



CNP 185 道路滾壓機
Road roller

建築噪音許可證編號 GW-RN0021-18 的相

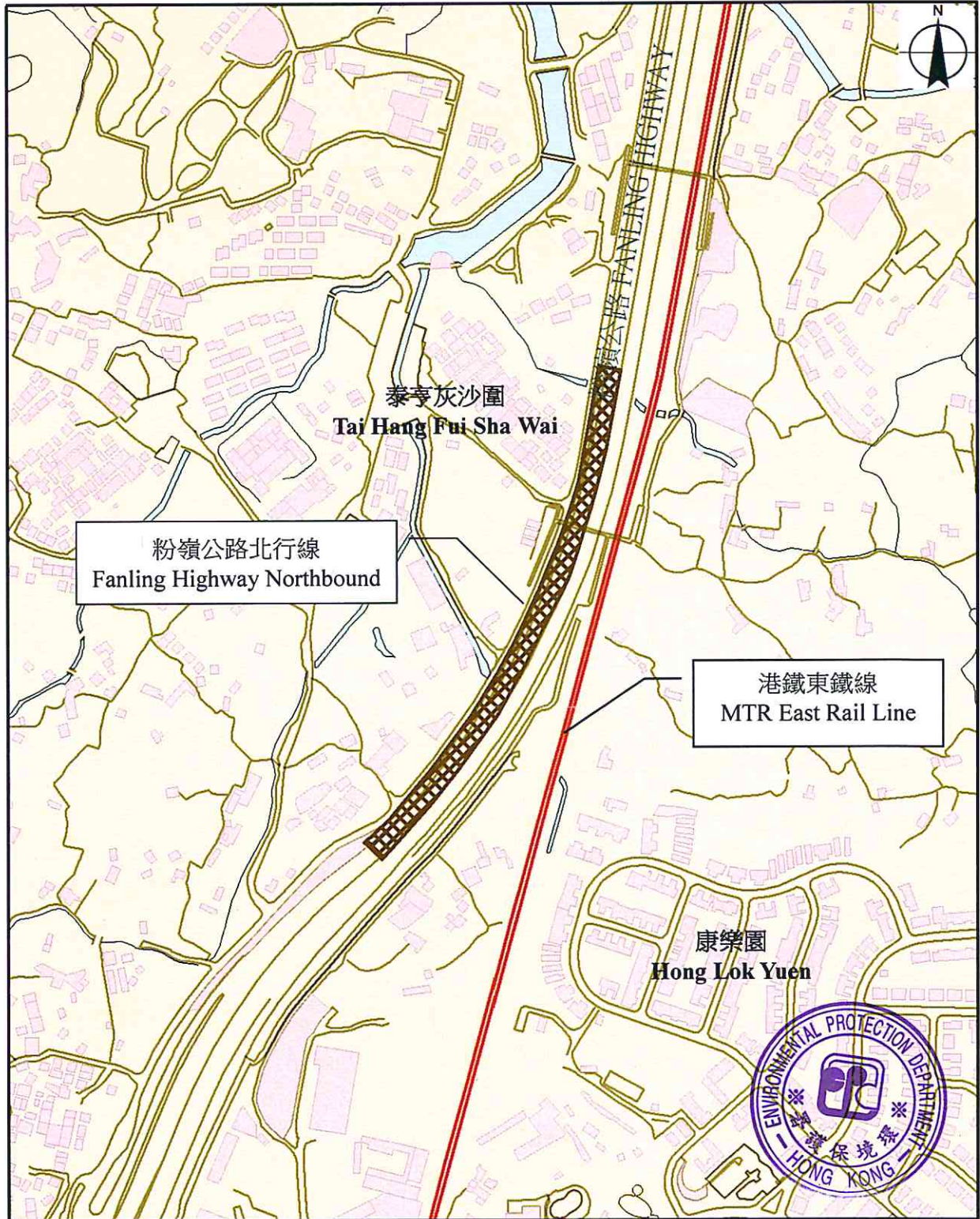
Photographs attached to Construction Noise Permit No. GW-RN0021-18



CNP 186

滾壓機震盪型

Roller, vibratory



環境保護署

噪音管制監督

Environmental Protection Department Noise Control Authority


建築噪音許可證編號 GW-RN0021-18 的附圖

Plan attached to Construction Noise Permit No. GW-RN0021-18

圖例 Legend

 建築地盤 Construction Site

比例 Scale 1:5,000

 米 Meters
0 25 50 100 150

