

FORM 5
ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE
(CHAPTER 499)
SECTION 13(1)

Application for Variation of an Environmental Permit

PART A PREVIOUS APPLICATIONS

No previous application for variation of an environmental permit.

The environmental permit was previously amended.

Application No. :

PART B DETAILS OF APPLICANT

B1. Name : (person or company)

Drainage Services Department

[Note : In accordance with section 13(1) of the Ordinance, the person holding an environmental permit or a person who assumes responsibility for the designated project may apply for variation of the environmental permit.]

B2. Business Registration No. :

(if applicable)

B3. Correspondence Address :

B4. Name of Contact Person :

B5. Position of Contact Person :

B6. Telephone No. :

B7. Fax No. :

B8. E-mail Address : (if any)

PART C DETAILS OF CURRENT ENVIRONMENTAL PERMIT

C1. Name of the Current Environmental Permit Holder :

Drainage Services Department

C2. Application No. of the Current Environmental Permit : AEP-456/2013

C3. The Current Environmental Permit was Issued in : month / year

08 | 2013

Important Notes : Please submit the application together with
(a) 3 copies of this completed form; and
(b) appropriate fee as stipulated in the Environmental Impact Assessment (Fees) Regulation
to the Environmental Protection Department at the following address :
The EIA Ordinance Register Office,
27th floor, Southorn Centre, 130 Hennessy Road,
Wan Chai, Hong Kong.

Tick (✓) the appropriate box



PART D PROPOSED VARIATIONS TO THE CONDITIONS IN CURRENT ENVIRONMENTAL PERMIT

D1. Condition(s) in the Current Environmental Permit :	D2. Proposed Variation(s) :	D3. Reason for Variation(s) :	D4. Describe the environmental changes arising from the proposed variation(s) :	D5. Describe how the environment and the community might be affected by the proposed variation(s) :	D6. Describe how and to what extent the environmental performance requirements set out in the EIA report previously approved or project profile previously submitted for this project may be affected :	D7. Describe any additional measures proposed to eliminate, reduce or control any adverse environmental impact arising from the proposed variation(s) and to meet the requirements in the Technical Memorandum on Environmental Impact Assessment Process :
<p>PART B - Scale and Scope of Designated Project (s)</p> <p>"The Project mainly consists of the following works:- (a)Construction and operation of a new underground DN 1500 drain pipe of about 440m long at the Northern side of the Po Lin Monastery (Interception Drain); (b)Construction and operation of new underground box culvert of about 223m long at Northwest of the Po Lin Monastery near Lin Ping Drive (Loop System); and (c)Construction and operation of a new underground DN 1800 drain pipe of about 198m long at Northern side of the Ngong Ping 360 Terminal and columbarium (Flood Relief Drain).</p> <p>工程項目主要範圍包括以下: (a)於寶蓮禪寺北面建造及營辦約440米長及直徑1500毫米新的地下排水管道(截流系統); (b)於寶蓮禪寺西北面建約223米長的新的地下箱形排水暗渠(繞道系統);以及 (c)於昂坪360終點站及骨灰龕安置所北面興建約198米長及直徑1800毫米排水管道(分流系統)。"</p>	<p>Taking into account of the effect of climate change, the proposed drains at the Northern side of the Po Lin Monastery (Interception Drain) will need to be upgraded from DN 1500 to ranging from DN1500 - 1950 as shown in Annex A. In addition, the internal width of a section of the proposed box culverts will need to be upgraded from 3.0m to 4.0m as shown in Annex A. The alignment, length and construction method of the proposed drains and box culverts will remain unchanged.</p> <p>As such, the following variations on the Environmental Permit are proposed: -</p> <p>Figure 1 and Figure 2 of this Permit will be replaced with Appendix 1 and Appendix 2 of this application to reflect upgrading of the proposed drains and culverts.</p> <p>(to be cont'd in next page)</p>	<p>As indicated by the current feasibility study for the Review of Drainage Master Plan (DMP) in Lantau and Outlying Islands, the proposed stormwater drains and culverts have to be upgraded to cater for the effect of climate change.</p>	<p>According to Table 2.7 and Figure 2.9a in the approved EIA report, the proposed 3.0m (W) x 2.5m (H) box culvert at Work Section 5 was planned to be constructed by open-cut method with a trench width of 6.0m, and the proposed DN1500 interception drain at Work Section 1 and 3 was planned to be constructed by open-cut method with a trench width of 2.5m. According to Section 2.6.1.7 and Figure 2.9a of the approved EIA report, the proposed DN1500 interception drain at Work Section 2 was planned to be constructed by pipe jacking method with jacking pits of 4m (W) x 8m (L) x 5-10m (D) and receiving pits of 4m (W) x 5m (L) x 2-8m (D).</p> <p>Notwithstanding an increase in the sizes of the DN 1500 interception drain and the width of the 3.0m x 2.5m box culvert as shown in Annex A, the locations and sizes of the proposed trenches will still be sufficient for construction of the upgraded drains and culverts by open-cut method. Also, the locations and sizes of the proposed jacking and receiving pits will still be the same for construction of the upgraded drains by pipe jacking method. Given that the designed invert levels of the upgraded drains and culverts will remain the same, the depth of excavation as planned in the approved EIA report will also be sufficient and hence remain unchanged. As a result, the sizes of excavation areas will be identical to that estimated in the approved EIA report and hence the scale of the proposed works will be the same.</p>	<p>As described in Part D4, the proposed variations will not have implications on the validity of findings of the EIA report.</p>	<p>As described in Part D4, the environmental performance requirements set out in the EIA report previously approved will not be affected by the proposed variation.</p>	<p>No additional mitigation measure will be required. As the proposed variations will not have implications on the validity of findings of the EIA report, the proposed project still complies with the requirements in the Technical Memorandum on Environmental Impact Assessment Process.</p>

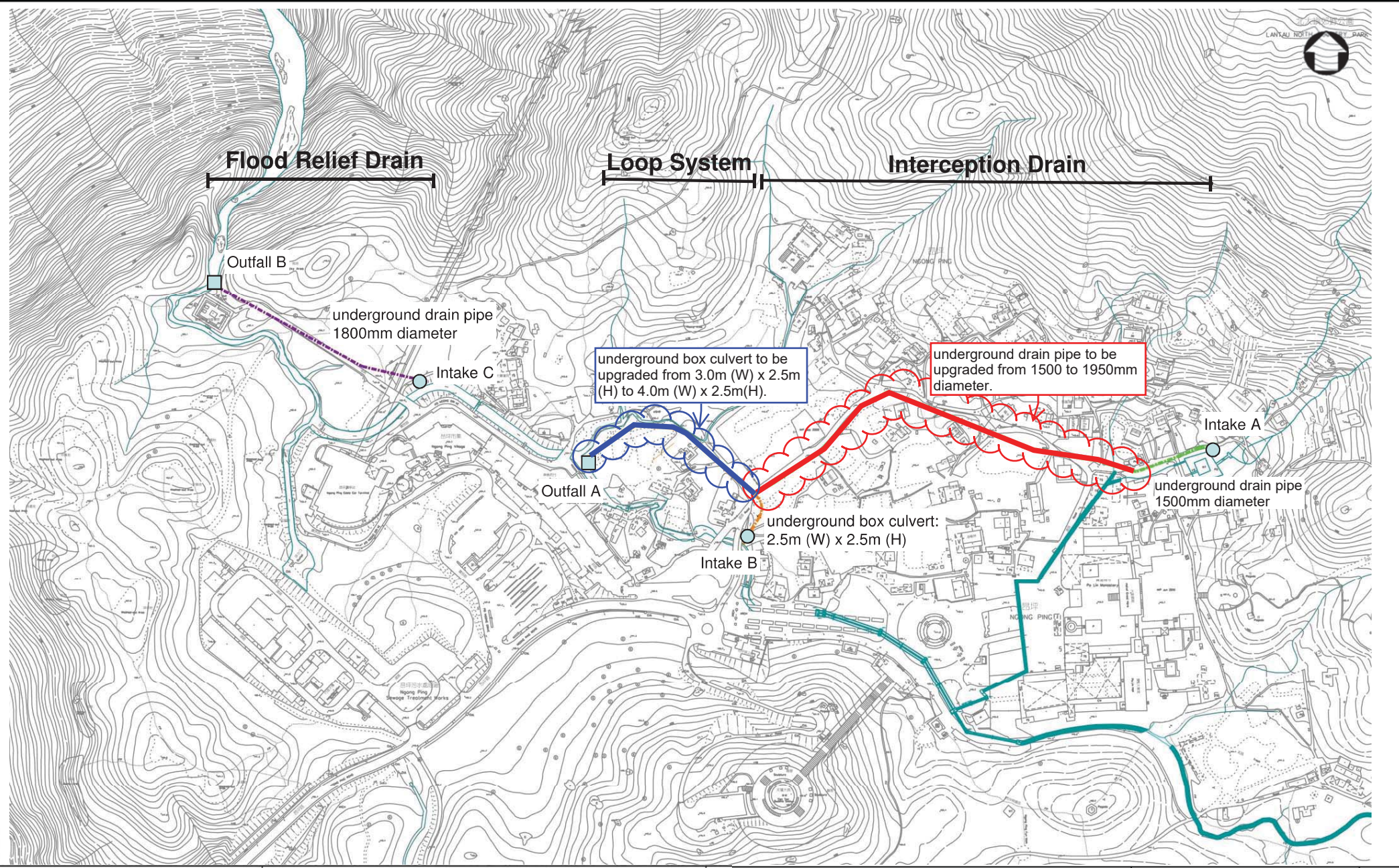
(to be cont'd in next page)

PART D PROPOSED VARIATIONS TO THE CONDITIONS IN CURRENT ENVIRONMENTAL PERMIT

D1. Condition(s) in the Current Environmental Permit :	D2. Proposed Variation(s) : (cont'd)	D3. Reason for Variation(s) :	D4. Describe the environmental changes arising from the proposed variation(s) : (cont'd)	D5. Describe how the environment and the community might be affected by the proposed variation(s) :	D6. Describe how and to what extent the environmental performance requirements set out in the EIA report previously approved or project profile previously submitted for this project may be affected :	D7. Describe any additional measures proposed to eliminate, reduce or control any adverse environmental impact arising from the proposed variation(s) and to meet the requirements in the Technical Memorandum on Environmental Impact Assessment Process :
	<p>PART B - Scale and Scope of Designated Project (s) in this Permit is proposed to be revised as follows: -</p> <p>"The Project mainly consists of the following works:- (a)Construction and operation of a new underground DN 1500-1950 drain pipe of about 440m long at the Northern side of the Po Lin Monastery (Interception Drain); (b)Construction and operation of new underground box culvert of about 223m long at Northwest of the Po Lin Monastery near Lin Ping Drive (Loop System); and (c)Construction and operation of a new underground DN 1800 drain pipe of about 198m long at Northern side of the Ngong Ping 360 Terminal and columbarium (Flood Relief Drain).</p> <p>工程項目主要範圍包括以下: (a)於寶蓮禪寺北面建造及營辦約440米長及直徑1500至1950毫米新的地下排水管道(截流系統); (b)於寶蓮禪寺西北面建約223米長的新的地下箱形排水暗渠(繞道系統);以及 (c)於昂坪360終點站及骨灰龕安置所北面興建約198米長及直徑1800毫米排水管道(分流系統)。</p>		<p>On top of that, the proposed alignment, construction methods and construction programme will follow that as stated in the approved EIA report. As such, the assessment results in respect of air quality, noise, water quality, ecological, landscape and visual, cultural heritage and waste management impact for the construction phase under the approved EIA report will remain valid, and no additional construction impact is anticipated.</p> <p>As indicated in the approved EIA report, no significant residual impact was anticipated during the operation phase with the implementation of the recommended mitigation measures. Since the proposed drainage works will mainly be located underground only with the intake and outfall structures being exposed on ground, the increase in the sizes of the proposed drains and culverts will not cause any physical impact on the surrounding environment during the operation phase. As the intended function and future maintenance works for the upgraded drainage works will also be the same, and the suggested mitigation measures will be strictly followed, no additional residual impact is anticipated to be caused by the changes. As such, the environmental impact caused by the proposed drainage works during the operation phase will remain to be insignificant.</p> <p>(to be cont'd in next page)</p>			

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			<p>In conclusion, the proposed variation will not cause any environmental changes or adverse impact on the environment in respect of air quality, noise, water quality, ecological, landscape and visual, cultural heritage and waste management impact during the construction and operation phases. Therefore, the results in the approved EIA report will remain valid.</p> <p>Based on the above, there is no material change to the environmental impact of the project and no additional mitigation measures will be required as there is no change to the alignment, length, location, construction methods and scale of the proposed project.</p>			



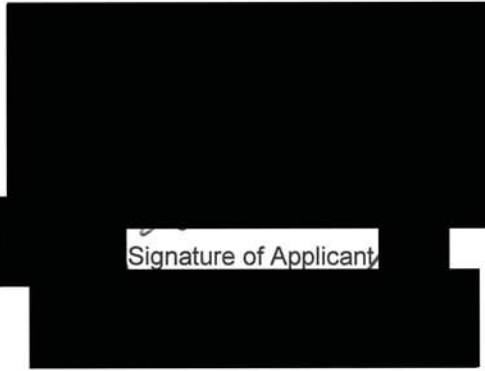


**DRAINAGE SERVICES
DEPARTMENT
HONG KONG**

**GENERAL LAYOUT OF
THE PREFERRED ALIGNMENT**

Figure:	2.5	Rev:	-
Scale:	N.T.S		

PART E DECLARATION BY APPLICANT

E1. I hereby certify that the particulars given above are correct and true to the best of my knowledge and belief. I understand the environmental permit may be suspended, varied or cancelled if any information given above is false, misleading, wrong or incomplete.

 Signature of Applicant	 Full Name in Block Letters	 Position
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on behalf of

Drainage Services Department
Company Name and Chop (as appropriate)



20 Mar 2019

Date

NOTES :

1. A person who constructs or operates a designated project in Part I of Schedule 2 of the Ordinance or decommissions a designated project listed in Part II of Schedule 2 of the Ordinance without an environmental permit or contrary to the permit conditions commits an offence under the Ordinance and is liable to a maximum fine of \$5,000,000 and to a maximum imprisonment for 2 years.
2. A person for whom a designated project is constructed, operated or decommissioned and who permits the carrying out of the designated project in contravention of the Ordinance commits an offence and is liable to a maximum fine of \$5,000,000 and to a maximum imprisonment for 2 years.

