

FORM  
5

Application No. : VEP-554/2018  
Reference No. :  
(For official use)

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)

Civil Engineering and Development 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 :

Civil Engineering and Development Department

C2. Application No. of the Current Environmental Permit : AEP-534/2017

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

04 | 2017

**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

EPD185



**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 :
Figure 1	<p><u>Item 1 Removal of Original Platform for crematorium and adjustment of associated roadworks and slopeworks</u></p> <p>The original platform for crematorium has an area of about 2.5 ha. In order to facilitate the latest design, the original site for the crematorium will be shifted to the valley area to the immediate south of its original location and hence the original platform would not be required.</p> <p>Besides, as the latest design will take due consideration on the terrain characteristics, extensive site formation works would not be required anymore. Only building foundations / superstructures will be constructed.</p> <p>While extensive site formation works will not be required for the new crematorium site with site area of about 3 ha, some slopeworks outside but to the western portion of the new crematorium site and adjoining the new access road would be required. These slopeworks will be carried out by CEDD.</p> <p>(Note: As the construction and operation of crematorium is a Designated Project (DP) under Item N.4 of Schedule 2, Part I of EIAO, a separate EIA study will be conducted to fulfil all the statutory requirements and procedures under the EIAO.)</p> <p>The existing figure 1 in EP-534/2017 will be replaced by a revised figure 1 in the VEP application.</p>	Minimise the visual impact from crematorium upon neighbouring sensitive receivers.	<p>Refer to Section 3.2 to Section 3.10, Section 4.5, Section 5.4, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>Reduction in fugitive dust during construction phase. Changes to construction noise impacts at the identified NSRs. Reduction in amount of waste generated. Reduction in habitat loss and visual envelope.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5, Section 5.4, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse impacts on the environment and community from the proposed amendments.</p>	The impacts on all sensitive receivers will be reduced.	No additional mitigation measures required.

**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 :
Figure 1 and Condition 2.21	<p><u>Item 2 Change in access road alignment with viaduct and additional of Emergency Vehicular Access (EVA)</u></p> <p>The original access road with slopeworks that connects the roundabout with Man Kam To Road will be shifted to the west, but the location of the intersection at Man Kam To Road remains the same. In addition, the original access road with a viaduct of about 300m long would be replaced by an at-grade road which is not classified as DP as per Schedule 2, Part I of the EIAO. The proposed access road will be about 7.3m wide (exclude pedestrian walkway). The majority of the width of the access road under the approved EIA report was of similar width, with the exception of the access road surrounding the crematorium platform (6m wide). The proposed EVA will be approximately 6m wide.</p> <p>The existing figure 1 in EP-534/2017 will be replaced by a revised figure 1 in the VEP application. Condition 2.21 in EP-534/2017 will be removed in the VEP application.</p>	<p>The crematorium has been relocated to the valley area which is at a level of about +12 mPD. The main entrance of the crematorium and related facilities building is located at about +40mPD. In order to comply with firefighting and rescue requirements, an EVA will be constructed by widening an existing road at the level of about 12 mPD to provide emergency access for the crematorium and related facilities. Proposed Sewage Pumping Station (SPS).</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4 to Section 5.5, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse air quality impacts during construction and operational phase. There are changes to the construction noise impacts and operational noise impacts at the identified NSRs. Reduction in amount of waste generated.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4 to Section 5.5, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse impacts on the environment and community from the proposed amendments.</p>	<p>No changes for all the sensitive receivers during construction phase. Most of the sensitive receivers will be benefited during operational phase.</p>	<p>No additional mitigation measures required.</p>

**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 :
Figure 1	<p><u>Item 3 Proposed Sewage Pumping Station (SPS)</u></p> <p>Proposed SPS with a capacity of about 70m<sup>3</sup>/day and located to the northeast of the proposed access road and EVA. Under the latest design, a proposed sewerage system will be constructed along the EVA. However, given the level difference along the EVA, it is not feasible to convey sewage generated from the crematorium and related facilities to the public sewerage system along the Man Kam To Road via gravity sewers. A SPS will be required to pump sewage from the crematorium and related facilities to the public sewerage system.</p> <p>The existing figure 1 in EP-534/2017 will be replaced by a revised figure 1 in the VEP application. The contingency measures for the proposed SPS (as listed under column D7) will be incorporated into the EP conditions.</p>	<p>Due to the level difference along the EVA, it is not feasible to convey sewage generated from the crematorium to the public sewerage system along the Man Kam To Road via gravity sewers. A SPS will be required to pump sewage from the crematorium to the public sewerage system.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4 to Section 5.5, Section 6.1, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse construction or operational air quality and noise impacts arising from the proposed SPS. There would be potential operational water quality impacts in the remote event of emergency discharge.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4 to Section 5.5, Section 6.1 to Section 6.2, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse impacts on the environment and community from the proposed amendments.</p>	<p>Insignificant change on environmental performance.</p>	<p>To prevent the occurrence of emergency discharge, the following contingency measures should be implemented:</p> <ul style="list-style-type: none"> <li>- Emergency storage tank;</li> <li>- Monitoring and Control System;</li> <li>- One standby pump;</li> <li>- Twin rising mains;</li> <li>- Sewage tanker vehicles;</li> <li>- One standby mechanical bar screen;</li> <li>- A bar screen in front of emergency discharge pipe;</li> <li>- Contingency plans with reference to relevant guidelines from EPD and DSD; and</li> <li>- Regular maintenance and checking of plant equipment.</li> </ul>

**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 :
Figure 1	<p><u>Item 4 Proposed Refuse Collection Point (RCP)</u></p> <p>Proposed RCP located at the junction of Man Kam To Road and Sha Ling Road.</p> <p>The existing figure 1 in EP-534/2017 will be replaced by a revised figure 1 in the VEP application.</p>	<p>The existing RCP will be affected by the construction works and the new RCP is proposed to be located at the junction of Man Kam To Road and Sha Ling Road.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4, Section 6.1, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse changes to the air quality, noise or water quality impacts during the construction and operational phase.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5 to Section 4.6, Section 5.4, Section 6.1, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse impacts on the environment and community from the proposed amendments</p>	<p>Insignificant change on environmental performance.</p>	<p>No additional mitigation measures required.</p>

**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 :
Figure 1	<p><u>Item 5 Additional construction works for utilities connection along Man Kam To Road</u></p> <p>Additional construction works for utilities connection along Man Kam To Road between Sha Ling Road and the proposed access road.</p> <p>The existing figure 1 in EP-534/2017 will be replaced by a revised figure 1 in the VEP application.</p>	<p>The additional utilities connection is required to connect the proposed sewers and water mains from the crematorium to the public sewerage system and the water supply system along Man Kam To Road.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5, Section 5.4, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>Increase in construction noise impact arising from the cumulative construction works.</p>	<p>Refer to Section 3.2 to Section 3.10, Section 4.5, Section 5.4, Section 7.2, Section 8.1 and Section 9.1 in the VEP supporting document.</p> <p>No adverse impacts on the environment and community from the proposed amendments.</p>	<p>No change for all the sensitive receivers during construction and operational phases.</p>	<p>No additional mitigation measures required.</p>

## 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.

[Redacted Signature]

Signature of Applicant

[Redacted Name]

Full Name in Block Letters

[Redacted Position]

Position



on behalf of Civil Engineering and Development Department

Company Name and Chop (as appropriate)

30 NOV 2018

Date

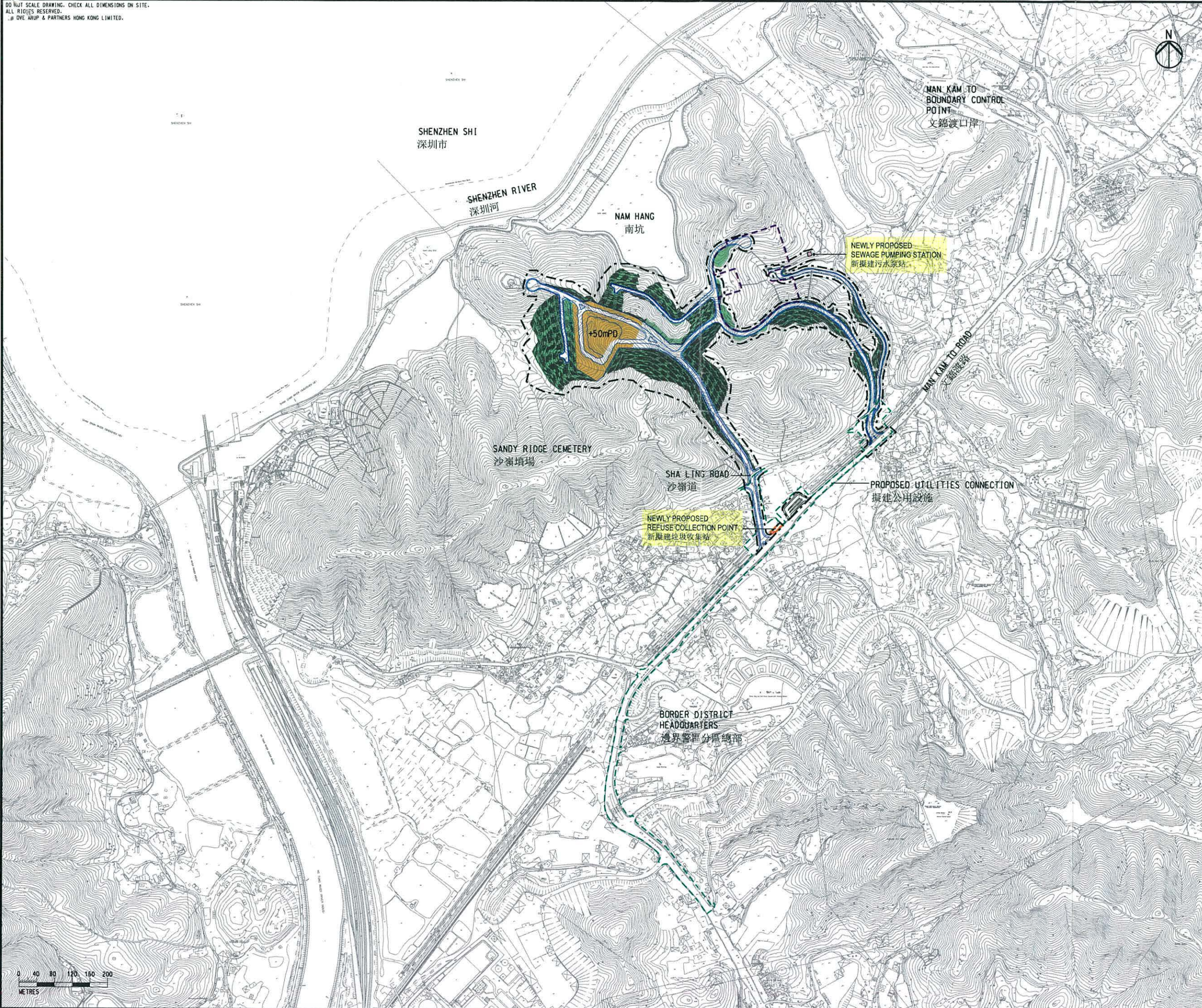
### NOTES :

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.

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.  
ALL RIGHTS RESERVED.  
© DYE ARUP & PARTNERS HONG KONG LIMITED.

Printed by : 11/28/2018  
Filename : D:\PLOT\ADAM\Figure 0 - Proposed Amendments for the Project\_FEP.dgn

0 40 80 120 160 200  
METRES



LEGEND  
圖例

- PROJECT BOUNDARY  
項目範圍
- UTILITIES CONSTRUCTION  
興建公用設施
- PROPOSED ACCESS ROAD / EVA  
擬建場內通道 / 緊急車輛通道
- PROPOSED PLATFORMS FOR COLUMBARIUM  
擬建土地平整工程用以興建沙嶺墳場骨灰龕
- PROPOSED CUT / FILL SLOPE  
斜坡工程
- PROPOSED SEWAGE PUMPING STATION  
擬建污水泵站
- PROPOSED REFUSE COLLECTION POINT  
擬建垃圾收集站
- PROJECT BOUNDARY FOR CREMATORIUM AND RELATED FACILITIES (BY OTHERS)  
項目範圍用以興建沙嶺墳場火葬場及有關設施(由其他倡議人負責)

C	THIRD ISSUE	GL	11/18
B	SECOND ISSUE	GL	10/18
A	FIRST ISSUE	GL	08/18
Rev	Description	By	Date

Consultant  
**ARUP**

Project Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery  
工程名稱：沙嶺墳場興建骨灰龕，火葬場及有關設施的工地平整及相關基建工程

Drawing title  
**FIGURE 1 : LOCATION PLAN**  
圖1：工程位置圖

Drawing no.		Rev. <b>C</b>	
Drawn CL	Date 11/18	Checked EL	Approved FC
Scale AS SHOWN		Status PRELIMINARY	

COPYRIGHT RESERVED

土木工程拓展署  
Civil Engineering and  
Development Department