

本署檔號
OUR REF: Ax(14) to EP2/N7/S3/57 Pt.1
來函檔號
YOUR REF:
電話
TEL. NO.: 2835 1868
圖文傳真
FAX NO.: 2591 0558
電子郵件
E-MAIL: slau@epd.gov.hk
網址
HOMEPAGE: <http://www.epd.gov.hk>

Environmental Protection Department
Branch Office
28th Floor, Southorn Centre,
130 Hennessy Road,
Wan Chai, Hong Kong.



環境保護署分處
香港灣仔
軒尼詩道
一百三十號
修頓中心廿八樓

16 March 2021

By Registered Post & Fax

Water Supplies Department

Environmental Impact Assessment (EIA) Ordinance, Cap.499
Application for Further Environmental Permit
Project Title: Utilization of Treated Sewage Effluent (TSE)
from Shek Wu Hui Sewage Treatment Works
(Application No. FEP-204/2021)

I refer to your above application received on 1 March 2021 for further environmental permit under Section 12(1) of the EIA Ordinance.

Pursuant to Section 12(3) of the EIA Ordinance, I now issue the attached Further Environmental Permit (No. FEP-01/470/2013) for your use.

Under Section 15 of the EIA Ordinance, the Further Environmental Permit will be placed on the EIA Ordinance Register. It will also be placed on the EIA Ordinance website (<http://www.epd.gov.hk/eia/>).

Please note that if you are aggrieved by any of the conditions imposed in this Permit, you may appeal under Section 17 of the EIA Ordinance within 30 days of receipt of this Permit.

Should you have any queries on the above application, please contact my colleague Mr. Lawrence LIU at 2835 1142.

Yours sincerely,

(Stanley C.F. LAU)

Acting Principal Environmental Protection Officer
for Director of Environmental Protection

Encl.
b.c.c. S(RN)3

ENVIRONMENTAL IMPACT ASSESSMENT ORDINANCE
(CHAPTER 499)
Section 10 & 12

環境影響評估條例
(第 499 章)
第 10 條及 12 條

FURTHER ENVIRONMENTAL PERMIT TO CONSTRUCT AND OPERATE
A DESIGNATED PROJECT

建造及營辦指定工程項目的新的環境許可證

PART A (MAIN PERMIT)
A 部 (許可證主要部分)

Pursuant to Section 10 & 12 of the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection (the Director) grants this Further Environmental Permit to the **Water Supplies Department** (hereinafter referred to as the "Permit Holder") to construct and operate the designated project described in Part B subject to the conditions specified in Part C. The issue of this Further Environmental Permit is based on the documents, approvals or permissions described below:

根據《環境影響評估條例》(環評條例)第 10 條及 12 條的規定，環境保護署署長(署長)將本新的環境許可證批予水務署(下稱“許可證持有人”)，以建造及營辦B 部所說明的指定工程項目，但須遵守C 部所列明的條件。本新的環境許可證是依據下列文件、批准或許可而簽發：


Application No. 申請書編號	FEP-204/2021
Document in the Register: 登記冊上的文件：	<p>(1) North East New Territories New Development Areas (Register No.: AEIAR-175/2013)</p> <ul style="list-style-type: none">- Environmental Impact Assessment Report (April 2013) [hereinafter referred to as the "EIA Report"]- Environmental Monitoring and Audit Manual (April 2013) [hereinafter referred to as the "EM&A Manual"] <p>新界東北新發展區 (登記冊編號：AEIAR-175/2013)</p> <ul style="list-style-type: none">- 環境影響評估報告 (2013 年 4 月) [下稱“環評報告”]- 環境監察及審核手冊 (2013 年 4 月) [下稱“環監手冊”] <p>(2) The Director's letter of approval of the EIA Report dated 18 October 2013 (Reference: (45) in EP2/N7/S3/57 Pt.3)</p> <p>署長於 2013 年 10 月 18 日發出批准環評報告的信件 (檔案編號：(45) in EP2/N7/S3/57 Pt.3)</p> <p>(3) Application for Environmental Permit submitted on 23 October 2013 (Application No.: AEP-470/2013)</p> <p>於 2013 年 10 月 23 日提交的环境許可證申請文件 (申請書編號：AEP-470/2013)</p>



	<p>(4) Environmental Permit issued on 21 November 2013 (Permit No. EP-470/2013)</p> <p>於 2013 年 11 月 21 日簽發的環境許可證 (許可證編號 EP-470/2013)</p> <p>(5) Application for Further Environmental Permit submitted on 1 March 2021 (Application No.: FEP-204/2021)</p> <p>於 2021 年 3 月 1 日提交的新的環境許可證申請文件 (申請書編號: FEP-204/2021)</p>
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16 March 2021
2021 年 3 月 16 日

Date
日期



(Stanley C.F. LAU)
Acting Principal Environmental Protection Officer
for Director of Environmental Protection
環境保護署署長
(署理首席環境保護主任劉志輝代行)



PART B (DESCRIPTION OF DESIGNATED PROJECT)

B 部 (指定工程項目的說明)

Hereunder is the description of the designated project mentioned in Part A of this environmental permit (hereinafter referred to as "the Permit"):

下列為本環境許可證 (下稱 "許可證") A 部 所提述的指定工程項目的說明：

Title of Designated Project 指定工程項目的名稱	Utilization of Treated Sewage Effluent (TSE) from Shek Wu Hui Sewage Treatment Works [Hereinafter referred to as "the Project"] 使用經石湖墟污水處理廠處理後的污水 [本指定工程項目下稱"工程項目"]
Nature of Designated Project 指定工程項目的性質	An activity of the reuse of treated sewage effluent from a treatment plant 對從處理廠流出並經處理的污水進行再使用的活動
Location of Designated Project 指定工程項目的地點	Kwu Tung North and Fanling North New Development Areas The locations of the Project is shown in <u>Figure 1 to Figure 3</u> attached to this Permit. 古洞北及粉嶺北新發展區 工程項目的位置載於本許可證夾附的圖 1 至圖 3。
Scale and Scope of Designated Project 指定工程項目的規模和範圍	Construction and operation of Shek Wu Hui Water Reclamation Plant, and operation of service reservoir and watermain for the reuse of treated sewage effluent for reuse in Kwu Tung North and Fanling North New Development Areas 建造及營辦石湖墟再造水廠，及營辦水庫和水管，以供應經處理的污水給古洞北及粉嶺北新發展區進行再使用。



PART C (PERMIT CONDITIONS)**C 部 (許可證條件)****1 General Conditions****一般條件**

- 1.1 The Permit Holder and any person working on the Project shall comply with all conditions set out in this Permit. Any non-compliance by any person may constitute a contravention of the EIAO (Cap. 499) and may become the subject of appropriate action being taken under the EIAO.

許可證持有人及任何從事工程項目的人士必須完全符合本許可證載列的全部條件。任何人士如有不符合本許可證的情況，可能違反環評條例（第 499 章）的規定，而當局可根據環評條例採取適當行動。

- 1.2 The Permit Holder shall ensure full compliance with all legislation from time to time in force including, without limitation to, the Air Pollution Control Ordinance (Cap. 311), Waste Disposal Ordinance (Cap. 354), Water Pollution Control Ordinance (Cap. 358), Noise Control Ordinance (Cap. 400) and Dumping at Sea Ordinance (Cap. 466). This Permit does not of itself constitute any ground of defence against any proceedings instituted under any legislation or imply any approval under any legislation.

許可證持有人須經常確保完全符合現行法例的規定，包括但不限於《空氣污染管制條例》（第 311 章）、《廢物處置條例》（第 354 章）、《水污染管制條例》（第 358 章）、《噪音管制條例》（第 400 章）及《海上傾倒物料條例》（第 466 章）。本許可證本身不會就根據任何法例提起的法律程序構成任何抗辯理由，或根據任何法例默示任何批准。

- 1.3 The Permit Holder shall make copies of this Permit together with all documents referred to in this Permit and the documents referred to in [Part A](#) of this Permit readily available at all times for inspection by the Director or his authorised officers at all sites covered by this Permit. Any reference to this Permit shall include all documents referred to in this Permit and also the relevant documents in the Register.

許可證持有人須印製本許可證的複本，連同本許可證所述的所有文件及本許可證 A 部 所述文件，以供署長或獲授權人員任何時間內在本許可證所涵蓋的所有工地查閱。凡提述本許可證，須包括本許可證所述的所有文件及登記冊內的相關文件。

- 1.4 The Permit Holder shall give a copy of this Permit to the person(s) in charge of the site(s) and ensure that such person(s) fully understands all conditions and all requirements incorporated in the Permit. The site(s) refers to site(s) of construction and operation of the Project and shall mean the same hereafter.

許可證持有人須把本許可證的一份複本交予工地的負責人，並確保這些人士完全明白本許可證的所有條件與規定。工地是指建造及營辦工程項目的工地，下文所提及的工地亦屬同一意思。



- 1.5 The Permit Holder shall display conspicuously a copy of this Permit on the construction site(s) at all vehicular site entrances/exits or at a convenient location for public's information at all times. The Permit Holder shall ensure that the most updated information about this Permit, including any amended Permit, is displayed at such locations. If the Permit Holder surrenders a part or the whole of this Permit, the notice he sends to the Director shall also be displayed at the same locations as the original Permit. The suspended, varied or cancelled Permit shall be removed from display at the construction site(s).

許可證持有人須在建造工地的所有車輛進出口或一處方便地點，顯眼地展示本許可證的複本，以供公眾在任何時間內閱覽。許可證持有人須確保在這些地點展示關於本許可證（包括任何經修訂的許可證）的最新資料。許可證持有人如交回本許可證的部分或全部，必須把其送交署長的通知書，在備有原有許可證的各處相同地點展示。遭暫時吊銷、更改或取消的許可證必須從建造工地除下，不再展示。

- 1.6 The Permit Holder shall construct and operate the Project in accordance with the project descriptions in Part B of this Permit.

許可證持有人須依據本許可證 B 部的說明，建造及營辦本工程項目。

- 1.7 The Permit Holder shall ensure that the Project is designed, constructed and operated in accordance with the information and all recommendations described in the EIA Report (Register No. AEIAR-175/2013) as described in Part A of this Permit; the Director's letter of approval of the EIA Report dated 18 October 2013 referenced (45) in EP2/N7/S3/57 Pt.3; other relevant documents in the Register, the information and mitigation measures described in this Permit, mitigation measures to be recommended in submissions that shall be deposited with or approved by the Director as a result of permit conditions contained in this Permit, and mitigation measures to be recommended under ongoing surveillance and monitoring activities during all stages of the Project. Where recommendations referred to in the documents of the Register are not expressly referred to in this Permit, such recommendations are nevertheless to be implemented unless expressly excluded in this Permit or otherwise agreed by the Director.

許可證持有人須確保工程項目的設計、建造及營辦按照下述資料及措施辦理：本許可證 A 部提及的環評報告（登記冊編號：AEIAR-175/2013）所說明的資料及各項建議；署長於 2013 年 10 月 18 日發出該環評報告的批准信，檔案編號 (45) in EP2/N7/S3/57 Pt.3；登記冊內的其他相關文件；本許可證所說明的資料及緩解措施；根據本許可證內載的條件須向署長存放或獲署長批准的提交文件所建議的緩解措施；以及在工程項目各階段進行的持續監察及監測工作所建議的緩解措施。登記冊文件所述建議如沒有在本許可證明確表示，則仍須實施這些建議，除非獲本許可證明確豁除或另獲署長同意。

- 1.8 All submissions, as required under this Permit, shall be rectified and resubmitted in accordance with the comments, if any, made by the Director within one month of the receipt of the Director's comments or otherwise as specified by the Director.

所有按本許可證規定提交的文件，須在接獲署長的意見（如有者）後 1 個月內（除非署長另行指定），根據署長的意見加以修正及重新提交。



- 1.9 All submissions approved by the Director, all submissions deposited without comments by the Director, or all submissions rectified in accordance with comments by the Director under this Permit shall be construed as part of the permit conditions described in Part C of this Permit. Any variation of the submissions shall be approved by the Director in writing or as prescribed in the relevant permit conditions. Any non-compliance with the submissions may constitute a contravention of the EIAO (Cap. 499). All submissions or any variation of the submissions shall be certified by the Environmental Team (ET) Leader and verified by the Independent Environmental Checker (IEC) referred to in Conditions 2.1 and 2.2 below, before submitting to the Director under this Permit.

所有提交署長並獲批准的文件、所有提交署長存放而沒有收到署長意見的文件或根據本許可證提交並已依照署長的意見作出修訂的所有文件，將詮釋為本許可證 C 部說明的許可證條件的一部分。對提交文件所作的任何修訂，均須獲得署長的書面批准，或符合有關許可證條件所述。凡與所提交的文件有不合的情況，均可能構成違反環評條例（第 499 章）。所有提交文件或提交文件的任何修訂本，均須按下文條件第 2.1 及 2.2 項所述的環境小組組長核證及獨立環境查核人核實，然後才按本許可證規定向署長提交。

- 1.10 The Permit Holder shall release all finalised submissions as required under this Permit to the public by depositing copies in the EIAO Register Office, or in any other places, or any internet websites as specified by the Director, or by any means as specified by the Director, for public inspection. For this purpose, the Permit Holder shall provide sufficient copies of the submissions.

許可證持有人須把所有按本許可證規定提交的文件定稿公開給公眾人士知道，方法是把有關文件複本存放於環評條例登記冊辦事處，或署長指定的任何其他地方，或署長指定的任何互聯網網站，或署長指定的任何方法，以供公眾查閱。為此，許可證持有人須提供足夠數量的複本。

- 1.11 All submissions to the Director required under this Permit shall be delivered either in person or by registered mail to the EIAO Register Office (currently at 27/F, Southorn Centre, 130 Hennessy Road, Wanchai, Hong Kong). Electronic copies of all finalised submissions required under this Permit shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hard copies.

許可證持有人須在本許可證條件所列明的時間內，提交及/或存放所有文件。本許可證規定向署長提交的所有文件，須親身送交或以掛號方式郵寄至環評條例登記冊辦事處（現址為：香港灣仔軒尼詩道 130 號修頓中心 27 樓）。所有按本許可證規定提交的文件定稿的電子版本，均須以超文本標示語言(HTML)(第 4.0 或較後版本)和便攜式文件格式(PDF)(第 1.3 或較後版本)製作，除非另獲署長同意，電子版本須與硬複本同時提交。

- 1.12 The Permit Holder shall notify the Director in writing the commencement date of construction of the Project no later than 2 months prior to the commencement of construction of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of the construction. 許可證持有人須在工程項目的建造工程展開前，至少提早 2 個月以書面方式把



工程項目建造工程的展開日期通知署長。建造工程的施工日期如有任何更改，許可證持有人須立即以書面方式通知署長。

- 1.13 For the purpose of this Permit, "commencement of construction" does not include works related to site clearance and preparation, or other works as agreed by the Director.

就為執行本許可證，「建造工程的展開」不包括有關工地清理和預備的工程，或署長同意的其他工程。

- 1.14 The Permit Holder shall notify the Director in writing the commencement date of operation of the Project no later than 2 months prior to the commencement of operation of the Project. The Permit Holder shall notify the Director in writing immediately if there is any change of the commencement date of operation.

許可證持有人須在工程項目開始營辦前最少 2 個月，以書面方式把工程項目開始營辦的日期通知署長。開始營辦的日期如有任何更改，許可證持有人須立即以書面方式通知署長。

2 Specific Conditions 特定條件

Submissions or Measures to be implemented before Construction of the Project 在工程項目施工前須提交的文件或採取的措施

Employment of Environmental Monitoring and Audit (EM&A) Personnel *聘用環境監察及審核（環監）人員*

- 2.1 An Environmental Team (ET) shall be established by the Permit Holder no later than 6 weeks before the commencement of construction of the Project. The ET shall not be in any way an associated body of the Contractor or the Independent Environmental Checker (IEC) for the Project. The ET shall be headed by an ET Leader. The ET Leader shall be a person who has at least 7 years of experience in environmental monitoring and auditing (EM&A) or environmental management. The ET and the ET Leader shall be responsible for the implementation of the EM&A programme in accordance with the EM&A requirements as contained in the updated EM&A Manual submitted and approved under Condition 2.3 of this Permit. The ET Leader shall keep a contemporaneous log-book of each and every instance or circumstance or change of circumstances, which may affect the compliance with the recommendations of the EIA Report (Register No.: AEIAR-175/2013) and this Permit. The ET Leader shall notify the IEC within 1 working day of the occurrence of any such instance or circumstance or change of circumstances. The ET Leader's log-book shall be kept readily available for inspection by all persons assisting in supervision of the implementation of the recommendations of the EIA Report (Register No.: AEIAR-175/2013) and this Permit or by the Director or his authorized officers. Failure to maintain records in the log-book, failure to discharge the duties of the ET Leader as defined in the updated EM&A Manual or failure to comply with this Condition would entitle the Director to require the Permit Holder by notice in writing to replace the ET Leader. Failure by the Permit Holder to make replacement, or further failure to keep contemporaneous records in the



log-book despite the employment of a new ET Leader may render the Permit liable to suspension, cancellation or variation.

在工程項目的建造工程展開前，許可證持有人須至少提早 6 個星期成立 1 個環境小組。環境小組不得與工程項目的承辦商或獨立環境查核人有任何聯繫。環境小組須由一名環境小組組長帶領。環境小組組長須在環境監察及審核（環監）或環境管理方面至少有 7 年經驗。環境小組及環境小組組長須按經更新環監手冊內載的環監規定，執行環監計劃，而該環監手冊須按本許可證條件第 2.3 項提交及獲准。環境小組組長須保存 1 本記錄冊，同時記載可能會影響環評報告（登記冊編號：AEIAR-175/2013）的建議及本許可證的符合情況的每宗事件、每種情況或每次情況變化。環境小組組長須在發生任何類似事件、情況或情況變化後 1 個工作天內通知獨立環境查核人。存放這本環境小組組長的記錄冊的地方，須可供協助督導執行環評報告（登記冊編號：AEIAR-175/2013）的建議及本許可證的所有人士、署長或獲授權人員隨時查閱。環境小組組長如未能在記錄冊保存記錄、未能執行經更新環監手冊所列明的環境小組組長職務，或未能符合本條件的規定，署長有權以書面要求許可證持有人撤換環境小組組長。許可證持有人如未能安排人選替補，或在聘用新環境小組組長後仍未能在記錄冊保存同期的記錄，或會導致許可證遭暫時吊銷、取消或更改。

- 2.2 An IEC shall be employed by the Permit Holder no later than 6 weeks before the commencement of construction of the Project. The IEC shall not be in any way an associated body of the Contractor or the ET for the Project. The IEC shall be a person who has at least 7 years of experience in EM&A or environmental management. The IEC shall be responsible for duties defined in the updated EM&A Manual submitted and approved under Condition 2.3 of this Permit, and shall audit the overall EM&A performance, including the implementation of all environmental mitigation measures, submissions required in the updated EM&A Manual, and any other submissions required under this Permit. In addition, the IEC shall be responsible for verifying the environmental acceptability of permanent and temporary works, relevant design plans and submissions under this Permit. The IEC shall verify the log-book(s) mentioned in Condition 2.1 of this Permit. The IEC shall notify the Director by fax, within 1 working day of receipt of notification from the ET Leader of each and every change of circumstances or non-compliance with the recommendations of the EIA Report (Register No.: AEIAR-175/2013) and this Permit, which might affect the monitoring or control of adverse environmental impacts from the Project. In case the IEC fails to so notify the Director of the same, fails to discharge the duties of the IEC as defined in the updated EM&A Manual or fails to comply with this Condition, the Director may require the Permit Holder by notice in writing to replace the IEC. Failure to replace the IEC as directed or further failure to so notify the Director despite employment of a new IEC may render the Permit liable to suspension, cancellation or variation. Notification by the Permit Holder is the same as notification by the IEC for the purpose of this Condition.

在工程項目的建造工程展開前，許可證持有人須至少提早 6 個星期聘用 1 名獨立環境查核人。獨立環境查核人不得與工程項目的承辦商或環境小組有任何聯繫。獨立環境查核人須在環監或環境管理方面至少有 7 年經驗。獨立環境查核人須執行按本許可證條件第 2.3 項提交及獲准的經更新環監手冊所列明的職務，以及審核整體的環監表現，包括實施所有環境緩解措施、提交經更新環監手冊規定的文件，以及提交本許可證所要求的其他文件。此外，獨立環境查核



人須核實永久及臨時工程在環境上的可接受程度、相關的設計圖則和根據本許可證提交的文件，並須核實本許可證條件第 2.1 項所述的記錄冊。在每次出現情況變化或不符合環評報告（登記冊編號：AEIAR-175/2013）建議及本許可證的情況，而可能會妨礙就工程項目所造成不良環境影響而進行的監察或控制工作時，獨立環境查核人須在接獲環境小組組長通知後 1 個工作天內以傳真方式通知署長。獨立環境查核人如未能通知署長有關情況，未能執行經更新環監手冊所列明的獨立環境查核人職務，或未能符合本條件的規定，署長可以書面要求許可證持有人撤換獨立環境查核人。如未能按指示撤換獨立環境查核人，或在聘用新獨立環境查核人後仍未能通知署長有關情況，則或會導致許可證遭暫時吊銷、取消或更改。為執行本條件，許可證持有人的通知等同獨立環境查核人的通知。

Submission of Updated Environmental Monitoring and Audit Manual **提交經更新的環境監察及審核手冊**

- 2.3 The Permit Holder shall update the EM&A Manual to include the latest EM&A requirements in accordance with the information and recommendations described in the EIA Report and by taking into account any specific site conditions that may be changed before the construction of the Project. The Permit Holder shall, at least 4 weeks before the commencement of construction of the Project, deposit with the Director 4 hard copies and 4 electronic copies of the updated EM&A Manual. Before submission to the Director, the updated EM&A Manual shall be certified by the ET Leader and verified by the IEC as conforming to the information and recommendations described in the EIA Report (Register No. AEIAR-175/2013), and taking into account any specific requirements with respect to the latest site conditions of the Project. All measures recommended in the updated EM&A Manual approved under this Condition shall be fully and properly implemented in accordance with the requirements and time schedule(s) set out in the updated EM&A Manual. The EM&A Manual deposited under this Condition shall hereinafter be referred to as the “updated EM&A Manual”.

許可證持有人須根據環評報告所載的資料及建議，以及通過考慮在工程項目施工前可能會改變的任何具體地盤狀況，更新環監手冊，以加入最新的環監規定。許可證持有人須在工程項目的建造工程展開前，至少提早 4 個星期向署長存放經更新的環監手冊的 4 份硬複本及 4 份電子版本。經更新的環監手冊須由環境小組組長核證及獨立環境查核人核實，證明其符合環評報告（登記冊編號：AEIAR-175/2013）所載的資料及建議，並須考慮到有關工程項目最新地盤狀況的任何具體要求，才可提交署長。根據本條件獲准的經更新環監手冊內的所有建議措施，須按照經更新的環監手冊所載的規定和時間表徹底及妥善執行。根據本條件存放的環監手冊，下文稱為「經更新的環監手冊」。

Management Organization of Main Construction Companies **主要建造公司的管理架構**

- 2.4 The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, inform the Director in writing the management organization of the main construction companies and/or any form of joint ventures associated with the construction of the Project. The information shall include at least an organization chart, names of responsible persons and their contact details.



許可證持有人在工程項目的建造工程展開前，須至少提早 2 個星期，把主要建築公司及 / 或以任何形式與工程項目的建造工程相關的合營企業的管理架構，以書面通知署長。提交的資料須至少包括一份組織圖、負責人的姓名及聯絡資料。

Submission of Location Plans
提交位置圖

- 2.5 The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, deposit 4 hard copies and 1 electronic copy of location plan(s) of the Project with a scale of 1:1000 or other appropriate scale as agreed with the Director. The plans shall include the details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities; and the locations of key environmental mitigation measure.
- 許可證持有人須在工程項目的建造工程展開前，至少提早 2 個星期存放以 1:1000 的比例或署長同意的其他合適比例繪製的工程項目位置圖的 4 份硬複本及 1 份電子版本。有關圖則須包括工程界線、施工區、道路的垂直及水平線向及任何其他主要設施的詳情；以及主要環境緩解措施的位置。

Submissions or Measures to be implemented during Operation of the Project
工程項目營運期間須提交的文件或採取的措施

Measures to Mitigate Water Quality Impacts
水質影響的緩解措施

- 2.6 For the reuse of treated sewage effluent (TSE) from sewage treatment works, the reclaimed water quality shall meet the standards set out in Table 1 of this Permit. The following precautionary measures shall be adopted for TSE reuse:
- 就再使用經污水處理廠處理的污水而言，再造水的水質須符合本許可證表 1 所載的標準。再使用經處理的污水須採取下列預防措施：
- (a) to avoid cross connection and hence contamination, all pipes and fittings used for the TSE water supply and distribution system shall be in special colour code, e.g. in purple, for distinguishing them from the pipes and fittings used for the potable/fresh water supply and distribution systems;
為避免因交叉連接而造成污染，所有用於經處理污水的供水和配水系統的喉管及裝置須採用特別顏色標記，例如紫色，以便與用於飲用水／食水的供水和配水系統的喉管及裝置加以識別；
 - (b) regular checking/inspections of the TSE supply and distribution systems for possible cross connection to the fresh water supply and distribution system shall be carried out. The use of non-toxic dye may be adopted in the checking/inspections; and
須定期檢查／視察經處理污水的供水和配水系統，以查看是否有交叉連接至食水供水和配水系統的情況。可使用無毒的染料進行檢查／視察；以及
 - (c) warning signs shall be permanently displayed where public access to TSE is possible (except for toilets) notifying the employees, visitors and the public at



large that treated effluent is being used and is not suitable for drinking.

在公眾可以取用經處理污水的地點（廁所除外）須永久展示警告標誌，通知僱員、訪客及一般市民使用中是經處理的污水，不宜飲用。

- 2.7 To prevent and minimize water quality impacts due to emergency discharge, standby unit with dual power supply, or back-up power should be provided in the design of the Project.

為防止和盡量減低緊急排放所造成的水質影響，須在工程項目的設計中提供雙重供電的後備機組或後備電源。

3 Environmental Monitoring and Audit Requirements

環境監察及審核規定

- 3.1 The EM&A programme shall be implemented in accordance with the procedures and requirements as set out in the updated EM&A Manual deposited under Condition 2.3 of this Permit. Any change to the EM&A requirements or programme shall be justified by the ET Leader and verified by the IEC as conforming to the relevant requirements set out in the updated EM&A Manual and shall seek prior approval from the Director before implementation.

環監計劃須按本許可證條件第 2.3 項存放的經更新環監手冊所載的程序及規定執行。環監規定或計劃如有任何更改，須由環境小組組長提出充分理由，並由獨立環境查核人核實，證明其符合經更新環監手冊所載的相關規定，並須事先獲署長批准，方可執行。

- 3.2 Samples, measurements and necessary remedial actions shall be taken in accordance with the requirements of the updated EM&A Manual by:-

3.2 取樣、測量及所需的補救行動，均須按照經更新環監手冊所載的規定進行：-

- (i) conducting baseline environmental monitoring;
進行環境基線監測；
- (ii) conducting impact monitoring;
進行影響監測；
- (iii) carrying out remedial actions described in the Event/Action Plans of the updated EM&A Manual in accordance with the time frames set out in the Event/Action Plans, or as agreed by the Director, in case where specified criteria in the updated EM&A Manual are exceeded; and
如超逾經更新環監手冊內指定的標準，則按照經更新環監手冊內的事件 / 行動計劃所訂明的時限或署長所同意的時限，執行事件 / 行動計劃所說明的補救行動；以及
- (iv) logging and keeping records of details of all parameters within 3 working days of the collection of data or completion of remedial action(s), for the purpose of preparing and submitting the monthly EM&A Reports and to make available for inspection on site.

在收集數據或完成補救行動 3 個工作天內，須記錄及備存所有參數的詳情，用作擬備並提交每月環監報告，並備妥有關資料以供在工地查閱。

- 3.3 3 hard copies and 2 electronic copy of the Baseline Monitoring Report shall be



submitted to the Director at least 2 weeks before the commencement of construction of the Project. The submissions shall be certified by the ET Leader and verified by the IEC as complied with the requirements as set out in the updated EM&A Manual before submission to the Director. The ET Leader and IEC shall personally inspect the site within each reporting cycle prior to certification and verification of compliance of EM&A Reports. Additional copies of the submission shall be provided upon request by the Director.

在工程項目的建造工程展開前，須至少提早 2 個星期向署長提交基線監測報告的 3 份硬複本及 2 份電子版本。提交文件須由環境小組組長核證及獨立環境查核人核實，證明其符合經更新環監手冊所載的規定，然後才提交署長。環境小組組長及獨立環境查核人須在每個提交報告周期內親自巡查工地，然後才核證及查核環監報告的遵行情況。如署長要求，則須提交文件的額外複本。

- 3.4 3 hard copies and 2 electronic copy of monthly EM&A Report shall be submitted to the Director within 2 weeks after the end of each reporting month throughout the entire construction period. The EM&A Reports shall include a summary of all non-compliance. The submissions shall be certified by the ET Leader and verified by the IEC as complying with the requirements as set out in the updated EM&A Manual before submission to the Director. Additional copies of the submission shall be provided to the Director upon request by the Director.

在整個建造期內，在每個提交報告的月份結束後 2 個星期內，須向署長提交每月環監報告的 3 份硬複本及 2 份電子版本。環監報告須包括各種不符合規限情況的摘要。提交文件須由環境小組組長核證及獨立環境查核人核實，證明其符合經更新環監手冊所載的規定，然後才提交署長。如署長要求，則須向署長提交文件的額外複本。

- 3.5 All EM&A data submitted under this Permit shall be true, valid and correct.
根據本許可證提交的所有環監數據，均須有效及真實無誤。

4 Electronic Reporting of EM&A Information **環監資料的電子匯報**

- 4.1 To facilitate public inspection of the Baseline Monitoring Report and Monthly EM&A Reports via the EIAO Internet Website and at the EIAO Register Office, electronic copies of these Reports shall be prepared in Hyper Text Markup Language (HTML) (version 4.0 or later) and in Portable Document Format (PDF version 1.3 or later), unless otherwise agreed by the Director and shall be submitted at the same time as the hard copies as described in Conditions 3.3 and 3.4 above. For the HTML version, a content page capable of providing hyperlink to each section and sub-section of these Reports shall be included in the beginning of the document. Hyperlinks to all figures, drawings and tables in these Reports shall be provided in the main text from where the respective references are made. All graphics in these Reports shall be in interlaced GIF, JPEG or PDF format unless otherwise agreed by the Director. The content of the electronic copies of these Reports must be the same as the hard copies.

為方便公眾透過環評條例互聯網網站及在環評條例登記冊辦事處查閱基線監測報告及每月環監報告，以超文本標示語言(HTML)(第 4.0 或較後版本)及便攜



式文件格式(PDF)(第 1.3 或較後版本)製作的報告的電子版複本，除非另獲署長同意，須與上文條件第 3.3 及 3.4 項所說明的硬複本同時提交。關於 HTML 的版本方面，可與報告各節及小節作出超文本連結的目錄須在文件開端加入。報告內各類圖表須在載有相關資料的正文內作出超文本連結。除非另獲署長同意，報告內所有圖形均須以交錯存取的 GIF, JPEG 或 PDF 格式制定。報告的電子版複本內容，必須與硬複本的內容一致。

- 4.2 The Permit Holder shall set up a dedicated website and notify the Director in writing the internet address where the environmental monitoring and project data is to be placed within 1 month after the commencement of construction of the Project. All environmental monitoring results described in Condition 4.1 above and all submissions required by this Permit shall be made available to the public via this dedicated website to be set up by the Permit Holder in the shortest time practicable, and in no event later than 2 weeks after the relevant environmental monitoring data are collected or become available, unless otherwise agreed with the Director. The Permit Holder shall maintain the dedicated website for public access of the environmental monitoring data and reports throughout the entire construction period and during the first 3 years of operation of the Project, or otherwise as agreed by the Director.

許可證持有人須在工程項目建造工程展開後 1 個月內，設立特定網站存放環境監察數據及工程項目資料，並以書面通知署長網址所在。上文條件第 4.1 項說明的所有環境監察結果及本許可證規定提交的所有文件，須盡快透過上述特定網站供公眾閱覽，在任何情況下均不得遲於有關環境監察數據收集或可供閱覽後的 2 個星期，除非另獲署長同意。許可證持有人須在工程項目的整個施工期及營運首 3 年內(或署長另行同意的時間)維持該特定網站，讓公眾人士查閱環境監察的數據及報告。

- 4.3 The internet website as described in Condition 4.2 above shall enable user-friendly public access to the monitoring data and project data including the EIA report, the environmental permit(s) and project profile of the Project. The internet website shall have features capable of:-

上文條件第 4.2 項說明的互聯網網站，必須方便用戶使用，讓公眾容易接達環境監察數據及工程項目資料，包括環評報告、環境許可證及工程項目簡介。除非另獲署長同意，互聯網網站須提供下述功能：

- (a) providing access to all environmental monitoring data collected since the commencement of construction and all submissions under this permit;
接達在建造工程展開後所收集的全部環境監察數據及本許可證規定提交的所有文件；
- (b) searching by date;
按日期搜尋；
- (c) searching by types of monitoring data; and
按監察數據類別搜尋；以及
- (d) hyperlinks to relevant monitoring data after searching.
在搜尋後與相關的監察數據作出超文本連結。

or otherwise as agreed by the Director.



Notes :

註 :

1. This Permit consists of three parts, namely, Part A (Main Permit), Part B (Description of Designated Project) and Part C (Permit Conditions). Any person relying on this permit should obtain independent legal advice on the legal implications under the EIAO, and the following notes are for general information only.
本許可證共有 3 部，即 A 部 (許可證主要部分)；B 部 (指定工程項目的說明) 及 C 部 (許可證條件)。任何援引本許可證的人士須就環評條例的法律含意徵詢獨立法律意見，下述註解只供一般參考用。
2. If there is a breach of any condition of this Permit, the Director or his authorized officer may, with the consent of the Secretary for the Environment, order the cessation of associated work until the remedial action is taken in respect of the resultant environmental damage, and in that case the Permit Holder shall not carry out any associated works without the permission of the Director or his authorized officer.
如違反本許可證的任何條件，署長或獲授權人員徵得環境局局長的同意後可勒令停止相關工程，直至許可證持有人為所造成的環境損害採取補救行動為止。在此情況下，許可證持有人未經署長或獲授權人員同意，不得進行任何相關工程。
3. The Permit Holder may apply under Section 13 of the EIAO to the Director for a variation of the conditions of this Permit. The Permit Holder shall replace the original permit displayed on the Project site by the amended permit.
許可證持有人可根據環評條例第 13 條的規定向署長申請更改本許可證的條件。許可證持有人須把經修改的許可證替換在工程項目工地內展示的原有許可證。
4. A person who assumes responsibility for the whole or a part of the Project may, before he assumes responsibility of the Project, apply under Section 12 of the EIAO to the Director for a Further Environmental Permit.
承擔工程項目整項或部分工程的責任的人，在承擔責任之前，可根據環評條例第 12 條的規定向署長申請新的環境許可證。
5. Under Section 14 of the EIAO, the Director may with the consent of the Secretary for the Environment, suspend, vary or cancel this Permit. The suspended, varied or cancelled Permit shall be removed from display at the Project site.
根據環評條例第 14 條的規定，署長可在環境局局長的同意下暫時吊銷、更改或取消本許可證。遭暫時吊銷、更改或取消的許可證必須從工程項目工地除下，不再展示。
6. If this Permit is cancelled or surrendered during construction or operation of the Project, another environmental permit must be obtained under the EIAO before the Project could be continued. It is an offence under Section 26(1) of the EIAO to construct or operate a designated project listed in Part I of Schedule 2 of the EIAO without a valid environmental permit.
如果本許可證在工程項目建造或營辦期間取消或交回，則在繼續進行工程項目之前，必須先根據環評條例規定取得另一份環境許可證。根據環評條例第 26(1)條的規定，任何人在沒有有效環境許可證的情況下建造或營辦環評條例附表 2 第 1 部所列明的指定工程項目，即屬犯罪。



7. Any person who constructs or operates the Project contrary to the conditions in the Permit, and is convicted of an offence under the EIAO, is liable:
如任何人在違反本許可證的條件下建造或營辦工程項目，根據環評條例，即屬犯罪：
- (i) on a first conviction on indictment to a fine of \$2 million and to imprisonment for 6 months;
一經循公訴程序首次定罪，可處罰款 200 萬元及監禁 6 個月；
 - (ii) on a second or subsequent conviction on indictment to a fine of \$5 million and to imprisonment for 2 years;
一經循公訴程序第二次或其後每次定罪，可處罰款 500 萬元及監禁 2 年；
 - (iii) on a first summary conviction to a fine at level 6 and to imprisonment for 6 months;
一經循簡易程序首次定罪，可處第 6 級罰款及監禁 6 個月；
 - (iv) on a second or subsequent summary conviction to a fine of \$1 million and to imprisonment for 1 year; and
一經循簡易程序第二次或其後每次定罪，可處罰款 100 萬元及監禁 1 年；及
 - (v) in any case where the offence is of a continuing nature, the court or magistrate may impose a fine of \$10,000 for each day on which he is satisfied the offence continued.
在任何情況下如該罪行屬連續性質，法院或裁判官可就其信納該罪行連續的每一天另處罰款 10,000 元。
8. The Permit Holder may appeal against any condition of this Permit under Section 17 of the EIAO within 30 days of receipt of this Permit.
許可證持有人可在接獲本許可證後 30 天內，根據環評條例第 17 條就本許可證的任何條件提出上訴。
9. The Notes are for general reference only and that the Permit Holder should refer to the EIAO for details and seek independent legal advice.
上述註解只供一般參考用，欲知有關詳情，許可證持有人須參閱環評條例及徵詢獨立法律意見。

Environmental Permit No. FEP-01/470/2013
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Table 1: The water quality standards of reuse of TSE (referred in Condition 2.6 of this Permit)

表 1：再使用經處理污水的水質標準(參閱本許可證條件第 2.6 條項)

Water Quality Parameter 水質參數	Unit 單位	Recommended Standards for Flushing, Landscape Irrigation and District Cooling System (DCS) Make-up 沖廁、景觀灌溉及區域供冷系統補給的建議標準
<i>E. coli</i> 大腸桿菌	CFU/100mL CFU/100 毫升	Not detectable 不可測到
Total residual chlorine (TRC) 殘餘氯總量	mg/L 毫克/升	>1 (out of treatment system) (處理系統以外) >0.2 (at point-of-use) (在用水點)
Dissolved oxygen (DO) 溶解氧	mg/L 毫克/升	>2
TSS 總懸浮固體	mg/L 毫克/升	<5
Colour 顏色	HU	<20
Turbidity 混濁度	NTU	<5
pH 酸鹼值	-	6-9
Threshold odour number (TON) 氣味閾限值	TON	<100
BOD ₅ 五天生化需氧量	mg/L 毫克/升	<10
Ammonia nitrogen 氨氮	mg/L 毫克/升	<1
Synthetic detergents 合成清潔劑	mg/L 毫克/升	<5

Note:

註：

- [1] Apart from TRC which has been specified, the water quality standards for all parameters shall be applied at the point-of-use of the system. "CFU" means "colony-forming unit". "HU" means

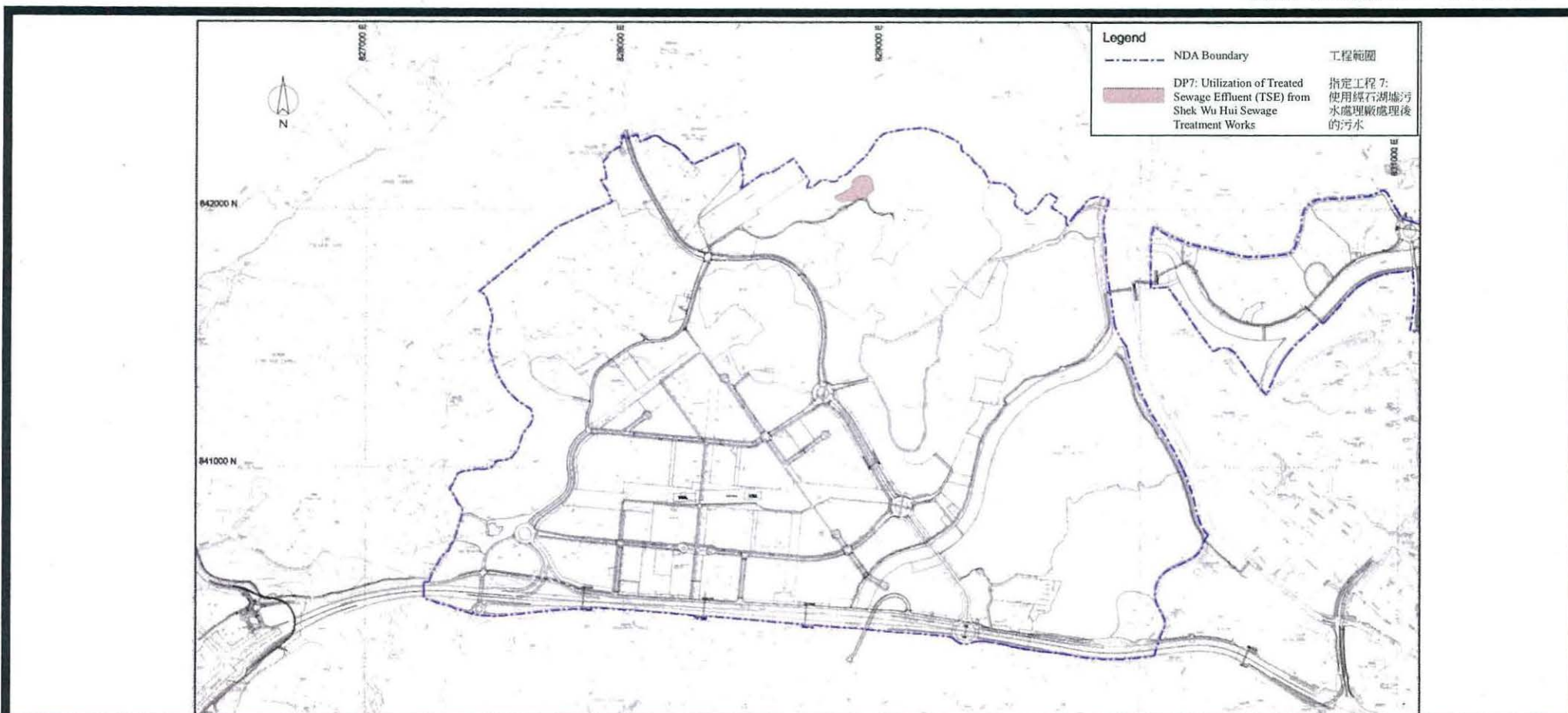


“Hazen Unit”. “NTU” means “Nephelometric Turbidity Unit”.

除指明的殘餘氯總量外，所有參數的水質標準適用於系統的用水點。「CFU」即「菌落形成單位」。「HU」即「黑曾色度單位」。「NTU」即「懸浮體散射濁度單位」。

- [2] The above Table is prepared based on Table 6.18 of the EIA Report.
上表根據環評報告表 6.18 擬備。



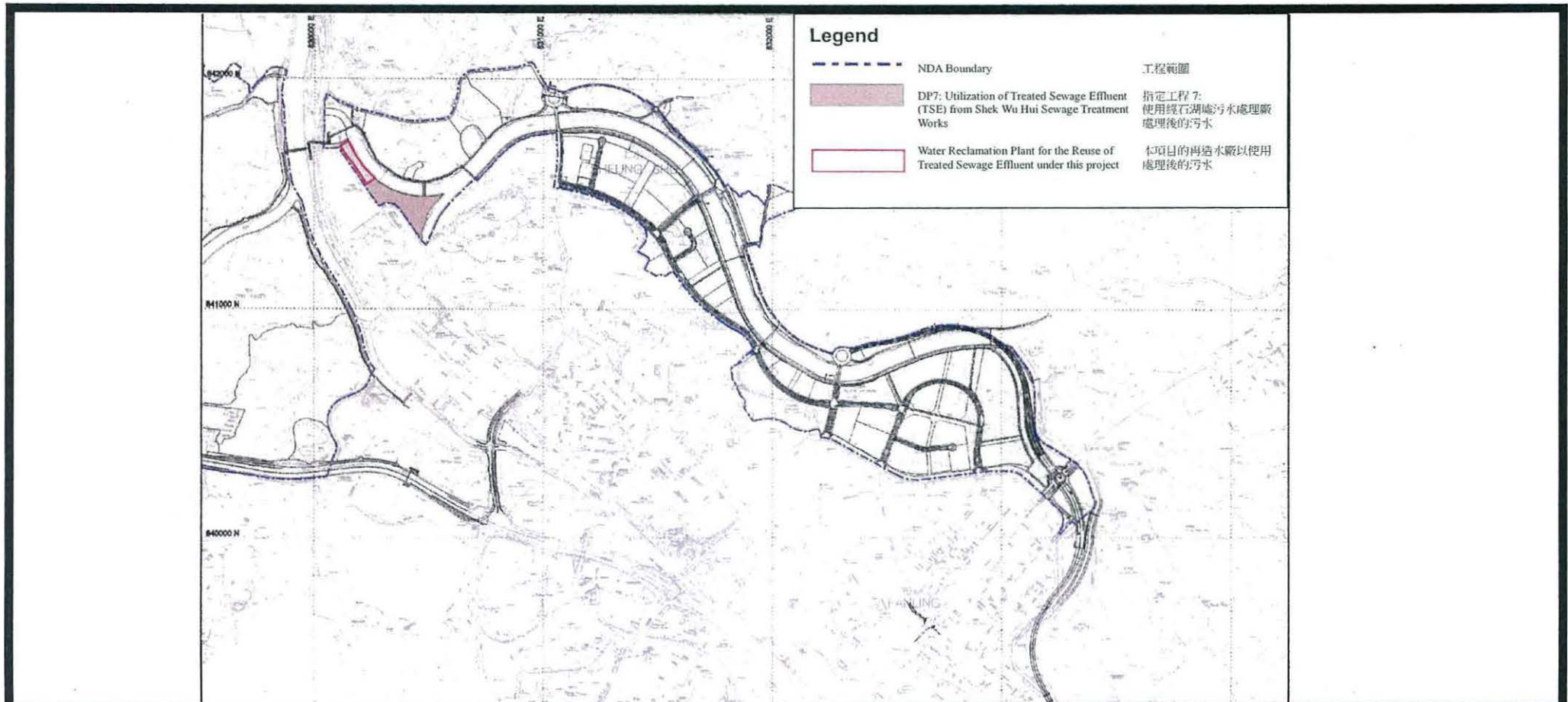


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 工程名稱: 使用經石湖墟污水處理廠處理後的污水

Figure 1: Location Plan for the Project
 圖 1: 工程項目位置

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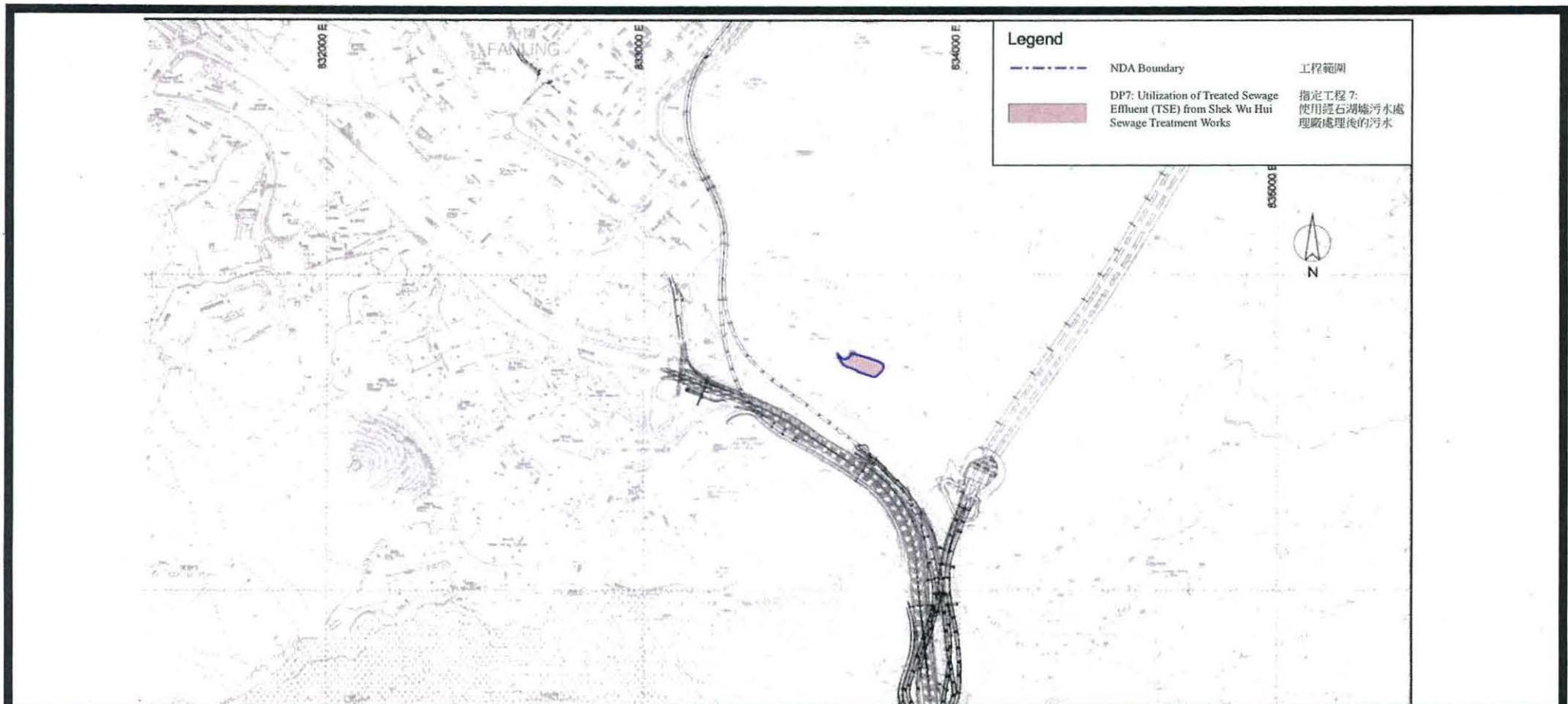
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Figure 2: Location Plan for the Project
圖 2: 工程項目位置





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Figure 3: Location Plan for the Project
圖 3: 工程項目位置

