

Islands District Council Paper No. 11/2026 (DC Meeting on 10 March 2026)

The Progress of the Proposed Contaminated Sediment Disposal Facility at the West of Lamma Island

Purpose

This paper aims to present the latest updates regarding the Contaminated Sediment Disposal Facility at the West of Lamma Island (“the Project”) proposed by the Civil Engineering and Development Department (CEDD) and seek members’ comments.

Background

2. Dredging is necessary for the regular maintenance of harbours, fairways, anchorage or drainage channels in Hong Kong, as well as some infrastructure projects. There are disposal facilities in Hong Kong to handle the dredged materials and method of disposing of dredged sediment subject to the level of contamination of the sediment, which will be handled in respective uncontaminated or contaminated disposal facilities. CEDD is responsible for planning and management of these sediment disposal facilities in the full compliance with relevant environmental requirements.
3. The existing contaminated sediment disposal facility is located at the East of Sha Chau. CEDD has been conducting compliance environmental monitoring since operation of the mud pits and will continue the monitoring until 2 years after closure of all the pits to ensure that there is no adverse impact on the environment. The existing facility is approaching to saturation and expected to be exhausted in 2028. Therefore, we have to construct a new facility for disposal of contaminated sediment to cope with the need for future maintenance dredging works and continuous infrastructure development.
4. To construct the new facility for disposal of contaminated sediment, we have conducted detailed technical study and site selection. After detailed review on various locations of Hong Kong waters in respect of marine environmental, development planning, engineering feasibility, etc the waters at the West of Lamma Island is the currently available location for the new facility.

Project Description

5. The scope of the proposed works comprises:
 - (a) forming a new contaminated sediment disposal facility at West of Lamma Island;
 - (b) managing the contaminated sediment disposal works;
 - (c) carrying out capping works after completion of disposal works at the facility; and
 - (d) implementing environmental mitigation measures and environmental monitoring and audit (EM&A) programme for the works mentioned above.

The location of the proposed project is at **Annex 1**.

6. We proposed to implement the construction of the new contaminated sediment disposal facility in phases, including the first phase development by forming two mud pits with a total capacity of about 4 million cubic meters. We plan to commence the proposed works upon obtaining funding approval from the Finance Committee of the Legislative Council with a target to constructing the first mud pit in about 2-year and commencing its operation starting from 2028. As per the current anticipation, the two new mud pits are adequate to cope with the need for disposal of contaminated sediment until 2038.

Environmental Implications

7. Under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO), the proposed facility is a Designated Project under Schedule 2 of the EIAO and an environmental permit is required for the construction and operation of the proposed facility. Upon completion of detailed study, the EIA report concluded that there is no unacceptable impact on the water quality, marine ecology, fisheries, waste management, cultural heritage, hazard to health, air quality and noise.
8. We will implement the corresponding mitigation measures during both construction and operation of the project in accordance with the

recommendations of the EIA report, and carry out EM&A programme. Mitigation measures to be implemented during the construction stage include strictly control on the weekly working rate of dredging operations, and an installation of cage-type silt curtains that fully surrounds the grab dredgers so as to minimise the impact to water quality. Mitigation measures during operation stage include strictly control on backfilling of contaminated sediments up to a level of no less than 3m below the original seabed level. Following the overall completion of the backfilling, the contaminated materials shall be covered by a layer of at least 3 meters thick of uncontaminated sediments and/or natural soil to restore the original seabed level.

9. We will engage Independent Environmental Checker and Environmental Team to conduct environmental monitoring. Various environmental monitoring and audit data and result will be available at a dedicated Internet website for release of information to the public. Furthermore, we will establish an appropriate communication mechanism and install marine equipment to demarcate the working boundary of construction vessels with a target to ensuring construction safety and also navigation safety for other vessels in the vicinity.
10. The Director of Environmental Protection approved the EIA report under the EIAO on 21 October 2022 and granted the Environmental Permit for the proposed works on 2 December 2022.

Latest Progress

11. We gazetted the proposed works under the Foreshore and Sea-bed (Reclamations) Ordinance (Chapter 127) on 16 and 23 September 2022. The Chief Executive in Council authorised the proposed works on 2 May 2023. The notice of authorization of the proposed works was subsequently issued on 19 May 2023.
12. We plan to part-upgrade the Project to Category A of the Public Works Programme in 2026. We will invite the tenders in first half of 2026 and commence the works in second half of 2026 tentatively.
13. We will continue maintaining close liaison with the relevant stakeholders.

Submission of paper

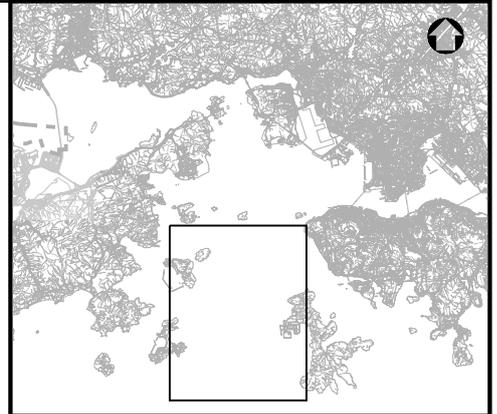
14. Members are invited to comment on the content of this paper

**Civil Engineering and Development Department
March 2026**

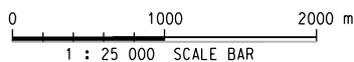
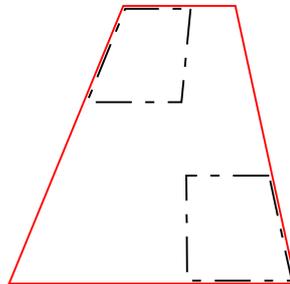
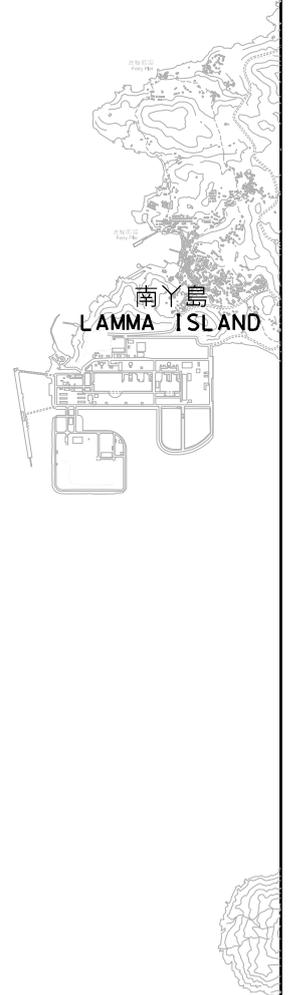
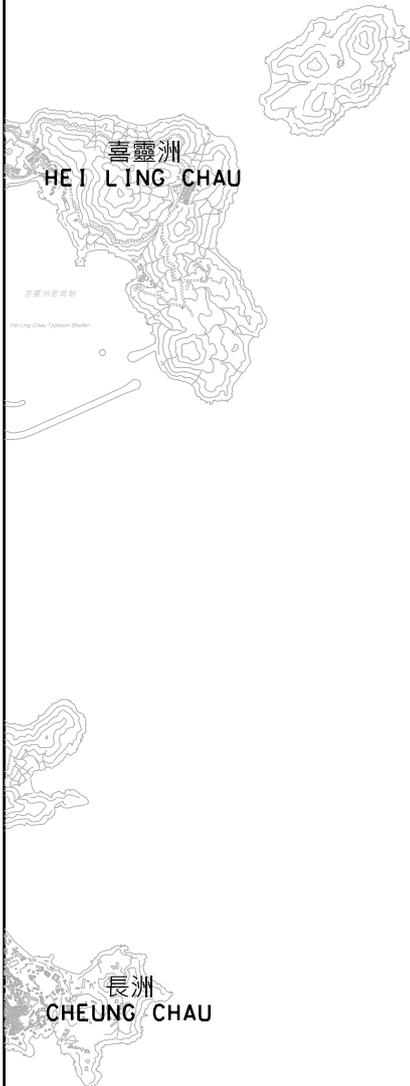
Annex 1 : Location plan of the proposed project

LEGEND:

- PROJECT GAZETTE BOUNDARY** 項目刊憲範圍
- PROPOSED CONTAMINATED MUD PIT (CMP) (PHASE 1)** 泥坑建造範圍 (第一階段)



索引圖 **KEY PLAN**
比例 **SCALE 1:500 000**



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編號 no.	日期 date	說明 description	核對 checked	核准 approved
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title 名稱
南丫島以西污染卸置設施的挖掘、
管理及覆蓋工程 (第一期)
項目位置圖

**DREDGING, MANAGEMENT AND CAPPING
OF CONTAMINATED SEDIMENT DISPOSAL
FACILITY AT THE WEST OF
LAMMA ISLAND (PHASE 1)
SITE LAYOUT PLAN**

	name 姓名	initial 簡簽	date 日期
designed 設計			
drawn 繪畫			
checked 核對			
approved 核准			

drawing no. 圖則編號
ATTACHMENT 1 附件一

比例
scale
1:50 000
OR
AS SHOWN

office
FILL MANAGEMENT DIVISION 填料管理部
CIVIL ENGINEERING OFFICE

CEDD CIVIL ENGINEERING
AND DEVELOPMENT
DEPARTMENT
土木工程拓展署