



香港特別行政區政府

The Government of the Hong Kong Special Administrative Region

渠務署

Drainage Services Department

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19 February 2016

Clerk to Panel on Environmental Affairs
Legislative Council Secretariat
Legislative Council Complex
1 Legislative Council Road
Central, Hong Kong

(Attn: Ms Angel SHEK)

Dear Ms SHEK,

**Legislative Council
Panel on Environmental Affairs**

**381DS – Construction of Additional Sewage Rising Main and Rehabilitation
of the Existing Sewage Rising Main between Tung Chung and Siu Ho Wan**

**Supplementary Information on How to Monitor the Effective Implementation of
Waste Management Measures by the Contractor**

The Panel on Environmental Affairs at its meeting on 21 December 2015 requested the Government to provide supplementary information, apart from those given in paragraphs 12 to 14 of the Administration's paper (LC Paper No. CB(1)299/15-16(03)) entitled "Construction of additional sewage rising main and rehabilitation of the existing sewage rising main between Tung Chung and Siu Ho Wan", on how to monitor the effective implementation of the waste management measures by the contractor concerned. We would provide the requested information as follows.

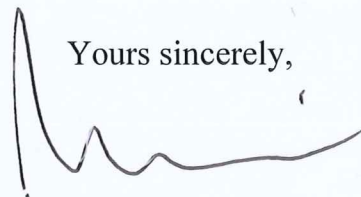
In order to ensure the contractor will implement the waste management measures effectively, the resident site staff (RSS) will take the following actions during the supervision of the construction contract:

- (1) The contractor will be required to submit a Waste Management Plan on commencement of the construction contract to the RSS for approval. The Waste Management Plan shall include appropriate measures to avoid, reduce, reuse and recycle inert construction waste. The RSS will critically assess the Waste Management Plan proposed by the contractor to ensure the proposed waste management measures are effective and can fully comply with the statutory and contract requirements before granting approval to its implementation under the contract.
- (2) In order to ensure the contractor will minimise the generation and maximise the re-use of construction and demolition (C&D) materials, RSS will vet the construction method of the contractor and supervise the on-site sorting of the excavated materials for reuse in trench backfilling on site or disposal off site. The contractor will also be encouraged to identify recycling facilities or other construction sites for the surplus materials not reused on site.
- (3) For other recyclable materials such as metal, paper, plastics and milled bituminous materials etc., which have been sorted on site for the purposes of recycling, the contractor will be required to devise appropriate control measures to ensure that the materials are delivered to a proper recycling outlet. The contractor shall highlight such control measures in the Waste Management Plan.
- (4) To facilitate monitoring the disposal of C&D materials, the contractor will be required to prepare a monthly programme for disposal of C&D materials off the sites, and indicate the estimated quantities, types of the C&D materials and corresponding disposal grounds. The Contractor shall update the disposal programme on a monthly basis for RSS's approval.
- (5) To ensure the effective implementation of the trip ticket system (TTS) for tracking the removal of C&D materials from the sites to the designated disposal grounds, the Contractor will inform the RSS of the account number of the billing account for disposal of construction waste under the Waste Disposal (Designated Waste Disposal Facility) Regulation (Cap. 354L). This is to enable the RSS to independently check the disposal records posted at the Environmental Protection Department's (EPD's) website. The RSS will also

provide the account number to the Civil Engineering and Development Department for overall monitoring of C&D materials disposal under the trip ticket system, detecting and taking actions to deal with malpractice such as overloading of dump trucks and improper covering of the load, and compiling statistics as well as counting eligible trips for mechanical dump truck covers under the pay for safety and environment scheme/pay for safety scheme.

- (6) The RSS will continuously monitor the contractor's performance on waste management in the monthly Site Safety and Environmental Management Committee meetings, which will cover the following items:
- (i) review the Waste Management Plan and implementation of the TTS, and identify areas for improvement;
 - (ii) audit the quantity of C&D materials removed from the sites (based on the daily record summary and survey records) against the quantities of C&D materials delivered to the disposal ground designated in the Contract (e.g. based on EPD's website) and directed or approved by the Engineer;
 - (iii) review incidents of non-compliance and discuss the necessary follow-up actions; and
 - (iv) monitor the follow-up action on defects and deficiencies identified.

Yours sincerely,



(Michael FONG)
for Director of Drainage Services

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