

**Information Paper for Legislative Council
Panel on Planning, Lands and Works**

**Supplementary Note on
Three Proposed Drainage Tunnels
in Northern Hong Kong Island, Lai Chi Kok and Tsuen Wan**

Introduction

In discussing the paper on the proposed drainage tunnel schemes in urban areas for flood protection items 103CD, 108CD and 111CD at the LegCo Panel on Planning, Lands and Works meeting on 4 January 2002, Members requested the Administration to provide supplementary information on the sedimentation and hygienic issues of the proposed drainage tunnels.

Sedimentation and hygienic issues of the proposed drainage tunnels

2. The potential sedimentation and hygienic problems associated with the proposed drainage tunnels have been considered during the planning and feasibility study stages. To prevent foreign materials from entering into the drainage tunnels, we will provide trapping facilities in front of all stormwater interception shafts to collect boulders, sediments, rubbish and other materials. In case some sands, leaves or minor sediment escape into the system during rainstorms, the design of the tunnels, which are at a gradient, will make use of the flow to carry them away into sand traps downstream. Sediments will not be allowed to accumulate in the tunnels. The built in self-cleaning property will also minimise the amount of maintenance.

3. To facilitate operation and maintenance, vehicular access to the drainage tunnels will be provided via tunnel portals and shafts. We will provide regular cleansing and maintenance to the tunnels, trapping facilities and sand traps. The above provisions will adequately address the issues of sedimentation and hygiene. Nevertheless, we will re-visit and further study these issues during the subsequent investigation and design stages.
