

**Proposed SCAA Sports Link (“Place of Recreation, Sports or Culture”)  
at South China Athletic Association  
88 Caroline Hill Road in Wong Nai Chung  
S16 Planning Application**

**(Planning Application No: A/H7/189)**

## **APPENDIX III**

Replacement Pages of the Sewerage Impact Assessment

## 4. Relevant Government Standards

- 4.1.1. Water quality in Hong Kong is legislated by the provisions of the *Water Pollution Control Ordinance (Cap 358), 1980 (WPCO)*. Territorial Water has been subdivided into ten Water Control Zones (WCZ) and four supplementary water control zones. A Technical Memorandum on Standards for Effluents discharged into Drainage and Sewerage Systems, Inland and Coastal Water (TMES) has been issued, which requires licensing of all discharges into all public sewers and drains. The water quality standards will have to be met during the operation stage.
- 4.1.2. Besides as stipulated in the Building (Standards of Sanitary Fitments, Plumbing, Drainage Works and Latrines) Regulations 41(1), 40(2), 41(1), 90 and recap in ProPECC PN 1/23, domestic sewage should be discharged to a foul water sewer and surface water should be discharged via rainwater pipes to stormwater drains during operation phase.

## 5. Description of Sewerage System

- 5.1.1. Drainage record plans were obtained from the drawing office of the Drainage Services Department (“DSD”) and the Proposed Development is indicated on the drainage record plans as shown in **Figure 3-1**. Concerned sewerage network was identified for succeeding estimation of the potential sewerage impact to the downstream sewers associated with the Proposed Development.
- 5.1.2. The sewerage network of existing gravity sewers along Caroline Hill Road and Leighton Road collects sewage generated from the Proposed Development and the surrounding catchment areas. The sewage discharged from the corresponding catchment areas is conveyed to Wan Chai East Preliminary Treatment Works, and discharged to Stonecutter Island Sewage Treatment Works (SCISTW) for further treatment and ultimate disposal.
- 5.1.3. The sewage generated from Proposed Development will be conveyed to the existing manhole FMH7019720 with the **existing 150mm concrete pipe** as shown in **Figure 3-1**. **No additional pipe work is required for the Proposed Development.**

### 5.1. Design Standard Guideline

- 5.1.1. This assessment has been prepared in accordance with the following documents:
- For the roughness of sewers, the recommended value in “Sewerage Manual Part 1” published by DSD has been adopted;
  - The recommended unit flow factors (“UFF”) and peaking factors in “Guidelines for