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**Attachment 2 –  
Replacement Page of  
Sewerage Impact Assessment**

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**Table 5-1 Design Capacity of STPs**

	Design Capacity (m <sup>3</sup> /day)
STP - East	881
STP - South	1,408

- 5.2.4 The design of STP will follow the “Guidelines for the Design of Small Sewage Treatment Plants” published by EPD.
- 5.2.5 According to Clause 2.3 of the guideline, on-line standby units will be provided as an emergency arrangement measure.
- 5.2.6 Moreover, in accordance with Clause 3.3, equalization tanks is designed to hold excess flow for a period of minimum two hours as emergency storage.
- 5.2.7 The treated effluent will be designed in accordance with "Technical Memorandum on Effluent Standards" Table 10a, published by EPD (Cap. 358). STP – East corresponds to flow category “>800 and ≤ 1000”, while STP – South corresponds to flow category “>1000 and ≤ 1500”. The proposed STPs will adopt Membrane bioreactor (MBR) technology to achieve tertiary treatment level.
- 5.2.8 The treated effluent will be discharged to Tai Lam Chung Nullah via the proposed box culvert. The discharge points are shown in **Drawing No. SIA/403**.
- 5.2.9 The detailed designs including emergency measures will be further elaborated in the detailed design stage.

## **6 MAINTENANCE RESPONSIBILITY**

### **6.1 Sewerage System within the Proposed Development Site**

- 6.1.1 The private STPs will exclusively treat sewage generated from the associated private development site.
- 6.1.2 The Applicant will be responsible for construction, maintenance and operation of all necessary sewers and any other private internal sewerage infrastructure within the development boundary.

### **6.2 Sewerage System within Village Housing Site**

- 6.2.1 The detail of the sewerage mitigation arrangements shall be designed by the owners of the village housing sites according to relevant guidelines including ProPECC PN 1/23.
- 6.2.2 The owners of the Village Housing Sites will be responsible for the construction, maintenance and operation of all necessary sewers and any other sewerage facilities within the village housing sites.