

**Appendix 2.2.** As such, **Figure 2.1** shows the proposed sewerage taking into account other nearby planned development sites.

- 2.5.4 Based on the information provided by the Drainage Services Department (DSD), the design capacity of Nam Sang Wai SPS is 42,921 m<sup>3</sup>/day. Its design capacity of peak flow is 1,476 L/s as stated in the approved EIA Report for Comprehensive Development and Wetland Protection Near Yau Mei San Tsuen (Register No. AEIAR-189/2015). The sewage generation from the Application Site will take up about 0.30% of the design daily flow of the SPS, while take up 0.18% of YLSTW.
- 2.5.5 Based on the calculation in **Appendix 3.1** including the Proposed Development and other nearby planned development sites, there should be adequate capacity at Nam Sang Wai SPS to cater for the Proposed Development.
- 2.5.6 Subject to further liaison with DSD, the sewerage system proposed within the Application Site and the sewer for connection to existing 225mm diameter sewer at the south of the Application Site (i.e. P0 to M540), will be constructed by the Project Proponent. Manhole P0 to site boundary within private lot is a private property to be managed and maintained by the future management party of the Proposed Development (please refer to Section 2.6 for maintenance responsibility). There will be no population intake until the proposed sewerage system is available. Regular inspection and maintenance will be conducted in accordance with Chapter 8 of DSD's Sewerage Manual in order to ensure normal operation, hence no blockage or overflow, of the proposed sewerage system.
- 2.5.7 For other proposed sewers and upgrading works, the Project Proponent will be responsible for the liaison and coordination with the other interfacing projects for the implementation of the required sewerage works in later stage. Proposed sewer P1 to E1, as discussed above, should be communal sewers. Thus, new connections from the adjacent lots on Government Land to the proposed sewerage system shall be allowed, if any. **The current tentative population intake year of the Proposed Development is 2025 or so.** In case these planned sewers are not available at the time of completion of current proposed development, there will be no population intake until proposed sewerage system becomes available, or otherwise the Project Proponent will, after liaison with DSD and the other future developments near the Application Site, construct the sewers in order to secure discharge during operation of proposed development should a population intake be required.
- 2.5.8 It is also proposed that in later detailed design stage further site survey be carried out to inspect existing sewers at the south of the Application Site (from sewer P0 to MH235) to identify any sewers in poor condition. Should a population intake be required at the time of project completion, the Project Proponent will be responsible for the survey and relevant upgrading/ replacement works at the existing sewers in order to secure discharge during operation of proposed development.
- 2.5.9 The design details, including the alignment, location, diameter, length and invert levels of the proposed sewerage system, and the location and number of the proposed manholes, are still subject to the detailed design stage of the Project later on as well as relevant planning approval condition (if any) should more updated information about other planned developments be available. Since detailed design will only be available in later detailed design stage, the current SIA is prepared to illustrate the approach of sewerage arrangement for the Proposed Development for the purpose of this planning application. Further survey on underground utilities will normally be carried out during detailed design stage and the future design will take into account how to avoid those facilities. If necessary, should there be updated information on planned public sewers to be provided in the area, the Applicant will also consider feasibility of connecting to public sewer through the discharge of planning approval condition stage.