



Water for All: Conserve, Value, Enjoy

Request No.: E5605375S

Date: 05 JUL 2022

Dear Sir/ Mdm

APPLICATION FOR SEWERAGE INFORMATION PLANS (SIP) ON LOT TS18-01448A

This Sewerage Information Plan (SIP) is issued to [QP Name]

- 1 The alignment and invert levels of the existing/proposed sewers are indicated in the SIP attached. The exact alignment and invert levels of the sewers must be verified on site before commencement of any building/piling/excavation/other construction works.
- 2 In order to prevent pollution of the water catchment, QP/Owner is advised to work with the appointed PEs to bring forward the extension of sewerage infrastructure to serve the temporary sanitary facilities on the site.

This is a computer-generated document. No signature is required.

BUILDING PLAN UNIT

General requirements to be complied with at DC & BP stage, where applicable:

DC and BP submission

- 1 The QP is required to obtain PUB's DC clearance for the development prior to commencement of construction work on site. QP shall also obtain PUB's DC clearance prior to the submission of detailed plans on drainage and/or sewerage works to PUB-Singapore National Water Agency for clearance/registration.
- 2 DC clearance from PUB is not required for the following developments:
 - a) A&A to landed housing developments which do not involve sewerage/sanitary or drainage works and there is no public sewer or drainage reserve/drain which is receiving runoff from the neighbouring lots. For such cases, DP clearance is also not required from PUB. QP/Developer is advised to make a simplified submission to PUB.

Sewerage

- 3 QP shall take note of the guidelines below and is advised to make pre-consultation with PUB (Building Plan Unit) concerning the proposed sewers & sewer connections before submitting the DC plan to PUB-Singapore's National Water Agency for approval.
 - a) No building/structures shall be sited over or close to the public sewer. The building/structure setback from sewers, link sewers & Deep Tunnels (DTSS) can be viewed in the PUB website at <https://www.pub.gov.sg/Documents/Protection%20of%20Public%20Sewerage%20System.pdf>.
 - b) No works either permanent or temporary should be carried out within the public sewer corridor unless a written approval has been obtained from PUB. QP shall refer to PUB's website at https://www.pub.gov.sg/Documents/WRN_AdvisoryNotes.pdf for more comprehensive information pertaining to the prevention of damage to the sewerage system, the procedures for application and submission. Prior to the commencement of works within the DTSS protection zone, you are required to submit the development proposal to PUB-Singapore's National Water Agency for their clearance.
 - c) QP shall apply for approval for works affecting public sewerage system (PUB-SEW-CLRDEV-OVER-SEW) if there is any "specified activity¹" to be carried out within the public sewer corridor² and pre construction CCTV survey reports and video to be submitted to PUB.
 - i) The pre-construction CCTV survey report and video shall be submitted³ before carrying out any temporary/piling/building works and shall show clearly the condition of all relevant existing sewers.
 - ii) The post-construction CCTV survey shall be submitted⁴ when the QP applies for sewerage clearance for TOP/CSC (PUB-BPU-COMPOFWORK) upon completion of work.
 - iii) For small redevelopment/A&A works of single landed property (terrace, semi-detached and detached house), the submission of pre-construction CCTV survey report is waived and only the post-construction CCTV survey report is required.
 - d) In general, a new development or redevelopment shall be connected via a sanitary drainline to a public sewer/manhole located outside private lands.
 - e) For reconstruction of single landed premises or redevelopments, the reuse of the existing drainline, which is connected to a sewer in adjacent private land, may be allowed only if:
 - i) it is not feasible to provide a new drainline to connect to a public sewer within the road reserve; and
 - ii) the existing drainline and its downstream sewers have adequate capacity.
 - iii) If the reuse of existing drainline is permitted by PUB, the QP shall carry out CCTV inspection of the existing connection to public sewer and submit a report to PUB to confirm that the connection to public sewer is in a serviceable condition. If it is defective, the QP shall rectify the defects before reusing it. If the QP decides instead to construct a new drainline for connection, he shall ensure that the abandoned existing drainline/connection are properly sealed after the completion of the new drainline/connection. Before abandoning any existing drainlines/sewers, the QP shall verify on site that there are no existing connections from neighbouring premises to the drainlines/sewers to be abandoned.

- f) Where the QP finds it necessary to make a new sewer connection to an existing sewer/manhole within a private land, the QP shall obtain written permission from the owner of the private land. If this owner subsequently withdraws his permission before the completion of the drainline/connection, the QP shall have to reuse the existing connection or make connection to a public sewer within the road reserve. The QP shall also obtain clearance from CBPD before commencing work on the new sewer connection. **After** the new sewer connection is completed and put into use, the abandoned existing drainline/sewer connection within the site shall be properly sealed.
- g) For single development on land parcels to be comprised in a strata title plan such as cluster housing or condominium/apartment or commercial/industrial complex, the sanitary drainline connection for the development shall be made to the nearest public sewer **located within the road reserve**. As far as possible, the development shall make only one connection to the public sewer. PUB's permission shall be sought if more than one sewer connection point is required.
- h) For new landed development involving single unit housing such as detached, semi-detached or terraced house/shop/factory on lots or subdivided lots, every lot in the development shall connect separately and directly via individual sanitary drainline to the public sewer within the road reserve. Proposed new sewers to serve more than one lot (eg. terrace houses) shall be constructed within the road reserve.
- i) For new developments located far from public sewer or re-development (not A&A works) of sites currently served by STP, if connection (either by gravity sewer or pump sump with pumping mains) to public sewer is not feasible/viable, a holding tank shall be provided to serve the development. The holding tank shall be properly maintained at all times to prevent pollution and sewage/sullage water shall be tankered away regularly and disposed off at a water reclamation plant approved by PUB Water Reclamation (Network) Department. Please also liaise with PUB.

SIP [05/07/2022]

Note:

1,2 Please refer to the SEWERAGE AND DRAINAGE (PROTECTION OF PUBLIC SEWERAGE SYSTEM) REGULATION 2017 for the definition of public sewer corridor and list of specified activities.

3 From 1 Oct 2017 onwards, CCTV report and video can be submitted online by a registered CCTV contractor. After the QP make a relevant form application via Corenet, QP shall then provide the CCTV contractor a covering letter confirming that he has reviewed and accepted the CCTV reports/videos and the E-submission (ES/CR) for the Corenet submission. For example, sewer pre-construction CCTV is to be submitted after submission of PUB-SEW-CLRDEV-OVER-SEW and submission of sewer post construction CCTV is to be submitted after submission of PUB-BPU-COMPOFWORK. The list of latest PUB registered CCTV contractors is available in our website, https://www.pub.gov.sg/Documents/List_of_PUB_Registered_CCTV_Contractors.pdf

