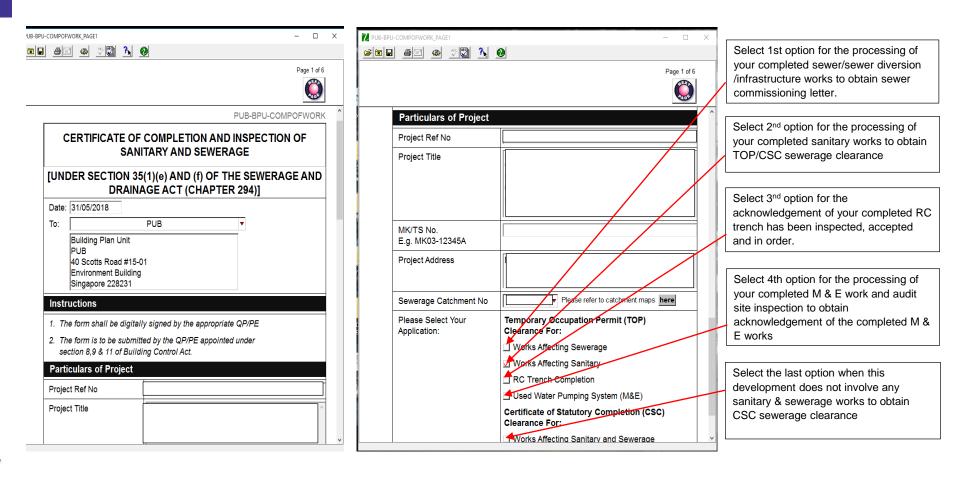
Quick Guide to Sanitary and Sewerage Clearance for TOP/CSC

MacRitchie Reservoir

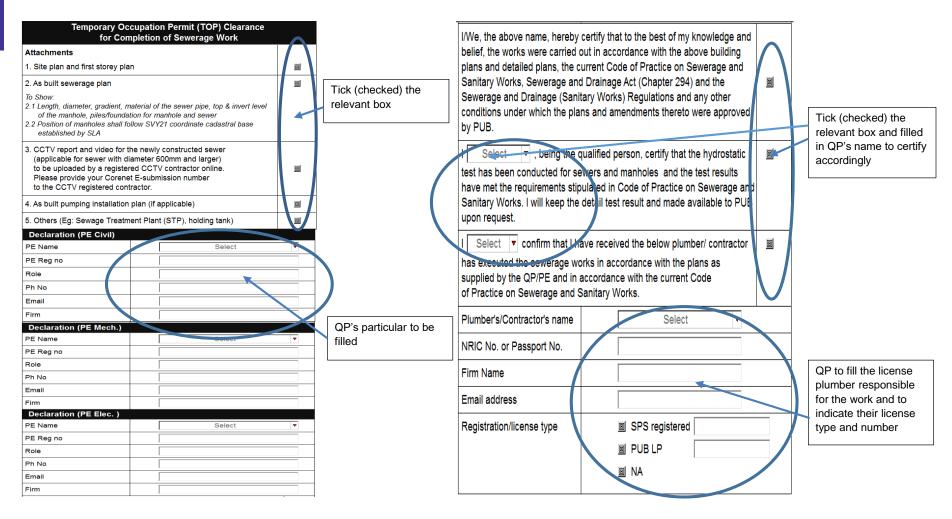
Centralised Services Department (Building Plan Unit)



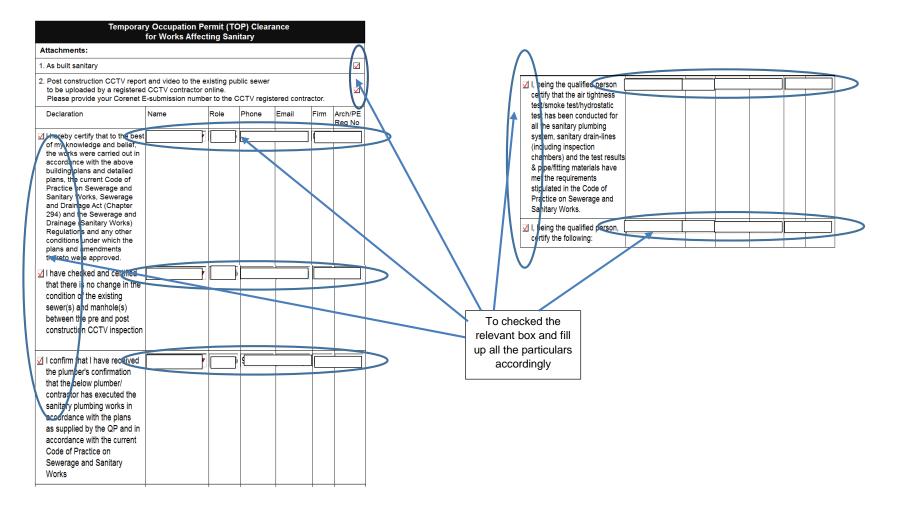
Select the appropriate application



Fill in the relevant QP/PE and LP details for Sewerage Work

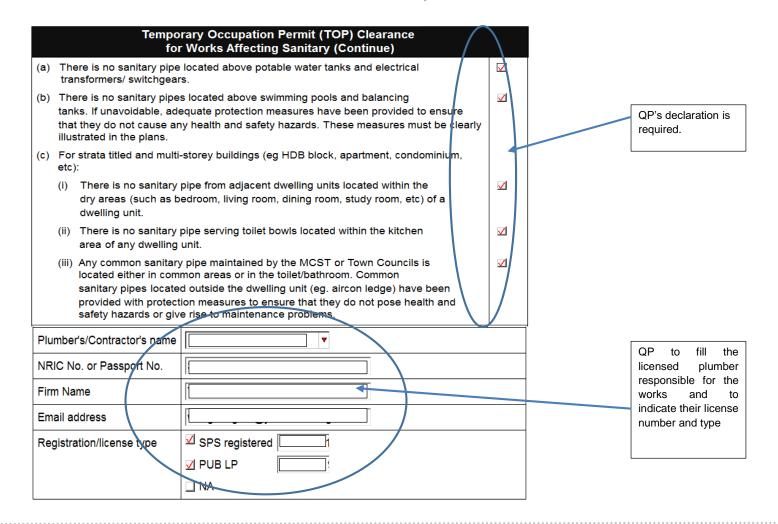


Fill in the relevant QP/PE and LP details for Sanitary Work



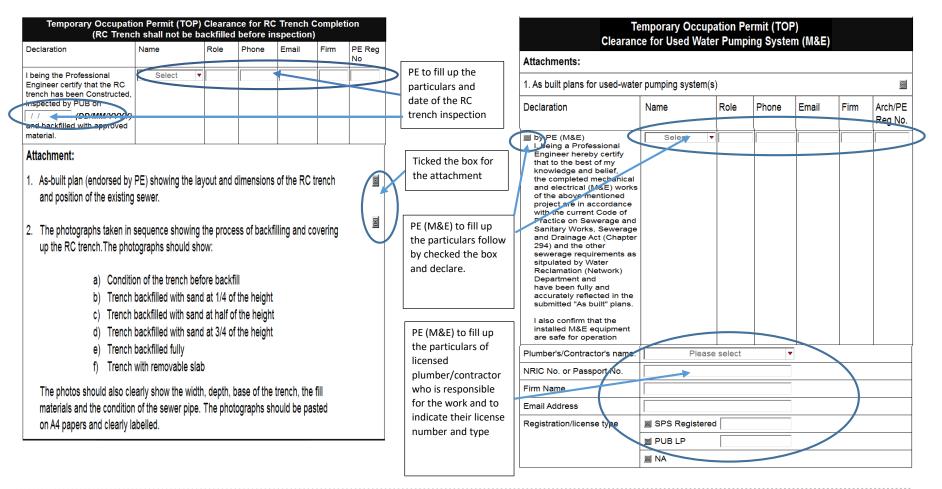
*Q***PUB**

Fill in the relevant QP/PE and LP details for Sanitary Work



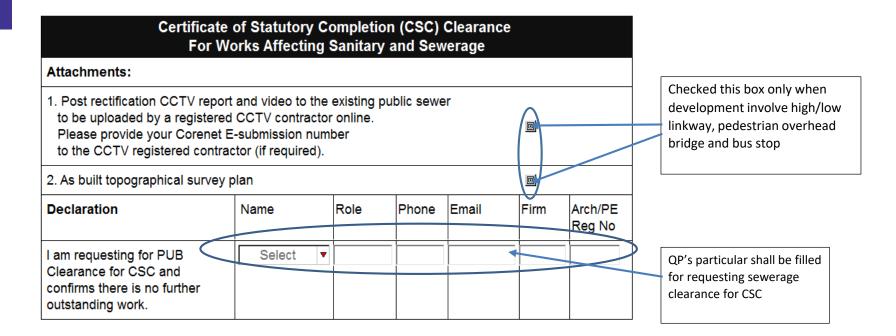
Fill in the relevant PE details for RC Trench

Fill in the relevant PE details for M&E Work Fill in the relevant LP details for M&E Work





Fill in the relevant QP/PE details for CSC clearance for works affecting sanitary and sewerage





Documents to be Submitted for Completion of Sewerage Work

- Detailed Plan (DP) clearance for sewer work
- Complete set of as-built plans with the following data provided:
 - 1. SVY21 coordinate cadastral base established by SLA (i.e. to indicate the Northing and Easting of the NEW manhole)
 - 2. As-built plans are to be prepared and endorsed by the Registered Surveyor
 - 3. All abandoned/demolished manholes/sewers to be highlighted
 - 4. QP's endorsement on the "as-built" plans that "all manholes are provided with the multi-strand polypropylene nylon rope netting in accordance with the Sewerage Standard Drawings"
 - 5. Piling details of manhole (indicate as "no piling" if no piling works)
 - 6. RC pile details such as XY-coordinates, pile size, pile length and cut-off level
 - 7. Pipe diameter (new sewer size minimum 200mm in diameter)
 - 8. Pipe material, gradient laid, type of bedding
 - 9. Top and invert levels of manhole(s)
 - 10. Length of sewers
- Results of hydrostatic tests for sewers below 600mm in diameter
- CCTV report for sewers above 600mm in diameter

Documents to be Submitted for Completion of Sanitary Work

- Detailed Plan (DP) clearance for sanitary work
- Complete set of as-built plans shall be submitted and endorsed by the QP. As-built plans shall indicate point of sewer connection and sewer setback.
- Results of hydrostatic tests
- Results of air tests on sanitary plumbing system
- Post-con CCTV survey report submitted online for existing public sewers within or adjacent to the development boundary
- Post-con CCTV survey report submitted online for existing sewer connection to the public sewer for a development which reuses sewer connection
- Schematic sanitary drawing shall be provided

Documents to be Submitted for Completion of M&E Work

- Detailed Plan (DP) clearance for M&E work
- As-built M&E plans endorsed by PE who obtained the DP M&E clearance cert

Documents to be Submitted for Completion of RC Trench

- Detailed Plan (DP) clearance for RC Trench
- Site plan, 1st storey plan and sectional details of RC trench
- RC trench photographs showing the process of before/after backfilling and covering up the RC trench with RC slab
- Document showing date of RC trench inspection and in order

- Provide the DP clearance cert for the relevant scope of work in your TOP/CSC submission
- Submitted plans shall follow the colour convention stipulated in Singapore Standard CP83: Code of Practice for Construction computer aided design (CAD)

Color	Usage
Magenta	Proposed elements
Cyan	Existing elements
Yellow	Deleted elements

Thank You

MacRitchie Reservoir

