

Quick Guide to Sanitary and Sewerage Clearance for TOP/CSC

MacRitchie Reservoir

Centralised Services Department (Building Plan Unit)



FILL UP PUB-BPU-COMPOFWORK.XFD form

Select the appropriate application

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PUB-BPU-COMPOFWORK

**CERTIFICATE OF COMPLETION AND INSPECTION OF
SANITARY AND SEWERAGE**

**[UNDER SECTION 35(1)(e) AND (f) OF THE SEWERAGE AND
DRAINAGE ACT (CHAPTER 294)]**

Date: 31/05/2018

To: PUB

Building Plan Unit
PUB
40 Scotts Road #15-01
Environment Building
Singapore 228231

Instructions

- The form shall be digitally signed by the appropriate QP/PE
- The form is to be submitted by the QP/PE appointed under section 8, 9 & 11 of Building Control Act.

Particulars of Project

Project Ref No	
Project Title	

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Particulars of Project

Project Ref No	
Project Title	
MK/TS No. E.g. MK03-12345A	
Project Address	
Sewerage Catchment No	<input type="text"/> Please refer to catchment maps here
Please Select Your Application:	<p>Temporary Occupation Permit (TOP) Clearance For:</p> <p><input type="checkbox"/> Works Affecting Sewerage</p> <p><input checked="" type="checkbox"/> Works Affecting Sanitary</p> <p><input checked="" type="checkbox"/> RC Trench Completion</p> <p><input checked="" type="checkbox"/> Used Water Pumping System (M&E)</p> <p>Certificate of Statutory Completion (CSC) Clearance For:</p> <p><input checked="" type="checkbox"/> Works Affecting Sanitary and Sewerage</p>

Select 1st option for the processing of your completed sewer/sewer diversion /infrastructure works to obtain sewer commissioning letter.

Select 2nd option for the processing of your completed sanitary works to obtain TOP/CSC sewerage clearance

Select 3rd option for the acknowledgement of your completed RC trench has been inspected, accepted and in order.

Select 4th option for the processing of your completed M & E work and audit site inspection to obtain acknowledgement of the completed M & E works

Select the last option when this development does not involve any sanitary & sewerage works to obtain CSC sewerage clearance

FILL UP PUB-BPU-COMPOFWORK.XFD form

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

Temporary Occupation Permit (TOP) Clearance for Completion of Sewerage Work	
Attachments	
1. Site plan and first storey plan	<input type="checkbox"/>
2. As built sewerage plan	<input type="checkbox"/>
<i>To Show:</i>	
2.1 Length, diameter, gradient, material of the sewer pipe, top & invert level of the manhole, piles/foundation for manhole and sewer	
2.2 Position of manholes shall follow SVY21 coordinate cadastral base established by SLA	
3. CCTV report and video for the newly constructed sewer (applicable for sewer with diameter 600mm and larger) to be uploaded by a registered CCTV contractor online. Please provide your Corenet E-submission number to the CCTV registered contractor.	<input type="checkbox"/>
4. As built pumping installation plan (if applicable)	<input type="checkbox"/>
5. Others (Eg: Sewage Treatment Plant (STP), holding tank)	<input type="checkbox"/>
Declaration (PE Civil)	
PE Name	Select
PE Reg no	
Role	
Ph No	
Email	
Firm	
Declaration (PE Mech.)	
PE Name	Select
PE Reg no	
Role	
Ph No	
Email	
Firm	
Declaration (PE Elec.)	
PE Name	Select
PE Reg no	
Role	
Ph No	
Email	
Firm	

Tick (checked) the relevant box

QP's particular to be filled

I/We, the above name, hereby certify that to the best of my knowledge and belief, the works were carried out in accordance with the above building plans and detailed plans, the current Code of Practice on Sewerage and Sanitary Works, Sewerage and Drainage Act (Chapter 294) and the Sewerage and Drainage (Sanitary Works) Regulations and any other conditions under which the plans and amendments thereto were approved by PUB.		<input type="checkbox"/>
Select, being the qualified person, certify that the hydrostatic test has been conducted for sewers and manholes and the test results have met the requirements stipulated in Code of Practice on Sewerage and Sanitary Works. I will keep the detail test result and made available to PUB upon request.		<input type="checkbox"/>
I Select confirm that I have received the below plumber/ contractor has executed the sewerage works in accordance with the plans as supplied by the QP/PE and in accordance with the current Code of Practice on Sewerage and Sanitary Works.		<input type="checkbox"/>
Plumber's/Contractor's name	Select	
NRIC No. or Passport No.		
Firm Name		
Email address		
Registration/license type	<input type="checkbox"/> SPS registered <input type="text"/> <input type="checkbox"/> PUB LP <input type="text"/> <input type="checkbox"/> NA	

Tick (checked) the relevant box and filled in QP's name to certify accordingly

QP to fill the license plumber responsible for the work and to indicate their license type and number

FILL UP PUB-BPU-COMPOFWORK.XFD form

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

Temporary Occupation Permit (TOP) Clearance for Works Affecting Sanitary						
Attachments:						
1. As built sanitary						<input checked="" type="checkbox"/>
2. Post construction CCTV report and video to the existing public sewer to be uploaded by a registered CCTV contractor online. Please provide your Corenet E-submission number to the CCTV registered contractor.						<input checked="" type="checkbox"/>
Declaration	Name	Role	Phone	Email	Firm	Arch/PE Reg No
<input checked="" type="checkbox"/> I hereby certify that to the best of my knowledge and belief, the works were carried out in accordance with the above building plans and detailed plans, the current Code of Practice on Sewerage and Sanitary Works, Sewerage and Drainage Act (Chapter 294) and the Sewerage and Drainage (Sanitary Works) Regulations and any other conditions under which the plans and amendments thereto were approved.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> I have checked and certified that there is no change in the condition of the existing sewer(s) and manhole(s) between the pre and post construction CCTV inspection	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> I confirm that I have received the plumber's confirmation that the below plumber/contractor has executed the sanitary plumbing works in accordance with the plans as supplied by the QP and in accordance with the current Code of Practice on Sewerage and Sanitary Works	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

<input checked="" type="checkbox"/> I, being the qualified person, certify that the air tightness test/smoke test/hydrostatic test has been conducted for all the sanitary plumbing system, sanitary drain-lines (including inspection chambers) and the test results & pipe/fitting materials have met the requirements stipulated in the Code of Practice on Sewerage and Sanitary Works.	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/> I, being the qualified person, certify the following:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

To checked the relevant box and fill up all the particulars accordingly

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

Temporary Occupation Permit (TOP) Clearance for Works Affecting Sanitary (Continue)	
(a) There is no sanitary pipe located above potable water tanks and electrical transformers/ switchgears.	<input checked="" type="checkbox"/>
(b) There is no sanitary pipes located above swimming pools and balancing tanks. If unavoidable, adequate protection measures have been provided to ensure that they do not cause any health and safety hazards. These measures must be clearly illustrated in the plans.	<input checked="" type="checkbox"/>
(c) For strata titled and multi-storey buildings (eg HDB block, apartment, condominium, etc):	
(i) There is no sanitary pipe from adjacent dwelling units located within the dry areas (such as bedroom, living room, dining room, study room, etc) of a dwelling unit.	<input checked="" type="checkbox"/>
(ii) There is no sanitary pipe serving toilet bowls located within the kitchen area of any dwelling unit.	<input checked="" type="checkbox"/>
(iii) Any common sanitary pipe maintained by the MCST or Town Councils is located either in common areas or in the toilet/bathroom. Common sanitary pipes located outside the dwelling unit (eg. aircon ledge) have been provided with protection measures to ensure that they do not pose health and safety hazards or give rise to maintenance problems.	<input checked="" type="checkbox"/>
Plumber's/Contractor's name	<input type="text"/>
NRIC No. or Passport No.	<input type="text"/>
Firm Name	<input type="text"/>
Email address	<input type="text"/>
Registration/license type	<input checked="" type="checkbox"/> SPS registered <input type="text"/> <input checked="" type="checkbox"/> PUB LP <input type="text"/> <input type="checkbox"/> NA

QP's declaration is required.

QP to fill the licensed plumber responsible for the works and to indicate their license number and type

FILL UP PUB-BPU-COMPOFWORK.XFD form

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

Certificate of Statutory Completion (CSC) Clearance For Works Affecting Sanitary and Sewerage						
Attachments:						
1. Post rectification CCTV report and video to the existing public sewer to be uploaded by a registered CCTV contractor online. Please provide your Corenet E-submission number to the CCTV registered contractor (if required).						
2. As built topographical survey plan						
Declaration	Name	Role	Phone	Email	Firm	Arch/PE Reg No
I am requesting for PUB Clearance for CSC and confirms there is no further outstanding work.	Select ▼					

Checked this box only when development involve high/low linkway, pedestrian overhead bridge and bus stop

QP's particular shall be filled for requesting sewerage clearance for CSC

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
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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

Reminder

- 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