

Guide to Deviation Application

For Drainage and Sewerage / Sanitary
Works by QP/PE.

Version 1 – April 2025



Submission Fee for Deviations

- QP/PE seeking waiver for deviation of drainage / sewerage / sanitary / water service installation works from PUB Codes of Practice (COP) or requirements, will need to make a submission for each deviation and will be charged **\$950 for each deviation** with effect from 1 April 2025. PUB Codes of Practice are listed as follows:
 - Code of Practice on Surface Water Drainage (COPSWD)
 - Code of Practice on Sewerage and Sanitary Works (COPSSW)
 - Singapore Standard SS 636: 2018 - Code of Practice on Water Services
- The fee will cover any subsequent resubmission needed for the deviation until the waiver application is rejected or accepted.
- Each deviation application is for 1 clause / sub-clause of the COP, and can be applied for multiple locations within the same project reference number.
- Deviation applications are processed on a case-by-case basis and making an application does not guarantee that the application will be accepted. If the application is rejected, QPs/PEs will have to ensure that works adhere to PUB's COP and requirements.
- Please refer to slides 3 – 5 for instructions on how to fill in the forms on CORENET 2.0 and CORENET X, and slides 6 – 9 on examples of clause / sub-clause for COPSWD and COPSSW. More information will be updated later on deviations for SS 636.

Instructions to Fill in Deviation Application Form on CORENET 2.0

1. Search for the following relevant forms under PUBBPU or PUBWTR in the Form Template section and fill in accordingly.
 - Application for Deviation on Drainage Matter
 - Application for Deviation on Sewage Matter
 - Application for Deviation on Water Matter
2. Please add the required number of deviations using the “Insert” button (as show in green)
 - Each line item can only be used for 1 clause / sub-clause.
 - Under Affected COP clause (in blue), QP/PE is to indicate only 1 clause / sub-clause that deviation is being sought for.
 - If QP/PE submits more than 1 clause / sub-clause in 1 line item, a new submission will be required for the additional clause / sub-clause, and lead to longer processing.

QPs/PEs seeking waiver for deviation of sewerage and sanitary works from PUB's Code of Practice on Sewerage and Sanitary Works will need to make a submission for each requirement for which deviation is sought and will be charged \$950 each with effect from 1 April 2025.

Deviation applications are processed on a case-by-case basis and making an application does not guarantee that the application will be accepted. If the application is rejected, QPs/PEs will have to ensure that works adhere to PUB's Codes of Practice and requirements.

Please ensure you have accurately entered the correct number of deviations in your submission. Remove any unused sections to prevent miscalculation of the imposed fee.

Insert

No.	Subject *	Construction Status *
1	<div>Please Select ▼</div>	<div>Please Select ▼</div>

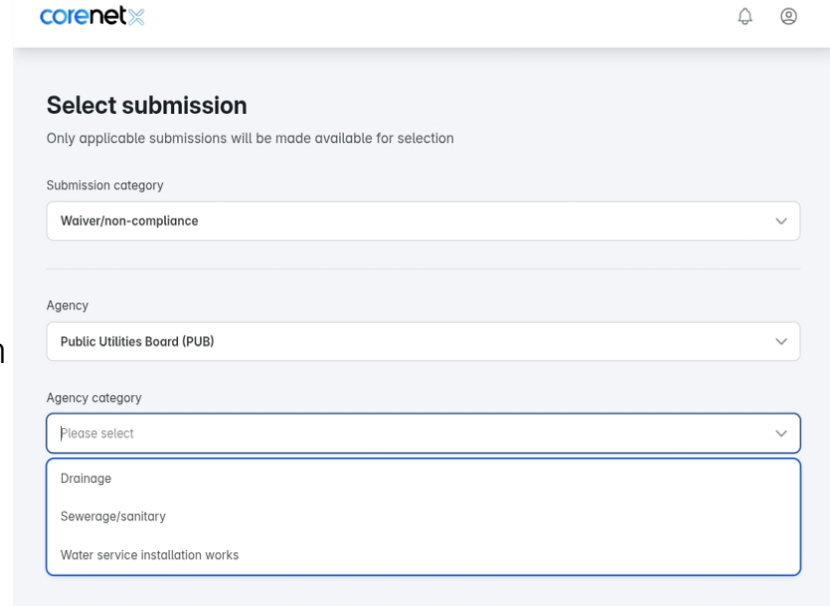
Affected Code of Practice on Sewerage and Sanitary Works - Clause No.

Detailed Description (Location of Affected Area, Justifications/Reasons for Deviation Application and Mitigation Measures or Alternative Solutions.

Delete

Instructions to Fill in Deviation Application Form on CORENET X

1. Search for Waiver/non-compliance under **Submission Category**
2. Select “Public Utilities Board (PUB)” under **Agency**
3. Select relevant **Category**:
Drainage, Sewerage / Sanitary or Water Service Installation



The screenshot shows the 'Select submission' interface on the CORENET X platform. At the top, the 'corenetx' logo is on the left, and notification and user icons are on the right. The main heading is 'Select submission', followed by a note: 'Only applicable submissions will be made available for selection'. The form contains three dropdown menus: 'Submission category' (set to 'Waiver/non-compliance'), 'Agency' (set to 'Public Utilities Board (PUB)'), and 'Agency category' (set to 'Please select'). Below the 'Agency category' dropdown, a list of options is displayed: 'Drainage', 'Sewerage/sanitary', and 'Water service installation works'.

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Select submission

Only applicable submissions will be made available for selection

Submission category

Waiver/non-compliance

Agency

Public Utilities Board (PUB)

Agency category

Please select

- Drainage
- Sewerage/sanitary
- Water service installation works

Instructions to Fill in Deviation Application Form on CORENET X

4. Select relevant **Subject** under each category and fill in the form accordingly.
5. Please note that each form is for 1 clause / sub-clause. Under **Affected COP clause**, QP/PE is to indicate only 1 clause / sub-clause that deviation is being sought for.
 - If QP/PE submits more than 1 clause / sub-clause in 1 form, a new submission will be required for the additional clause / sub-clause, and lead to longer processing. Please refer to subsequent pages on examples of clause / sub-clause for each Codes of Practice.

The screenshot displays the 'Waiver/non-compliance' form on the CORENET X platform. The interface includes a sidebar with 'Project information' and 'Fee computation' tabs. The main form area is titled 'Waiver/non-compliance' and shows submission details: 'SUBMISSION: Waiver/non-compliance', 'SUBMISSION STAGE: New Submission', 'AGENCY: PUB (Sewerage/sanitary)', and 'APPOINTED PROJECT PARTY: Terrance Dietrich, Professional Engineer (Mechanical)'. A green box highlights the 'Select category' dropdown menu, which lists options: 'Development planning requirements', 'Sewerage system design', 'Sanitary system design', and 'Others'. Below this, there are sections for 'Construction status' (Constructed/Not constructed), 'Stage of development' (Please select), and 'Non-compliance/condition or guideline to be waived with relevant clause number'. The right sidebar contains sections for 'Provisions or compensation alternative', 'Justifications and reasons in support of application', and 'Upload documents' (Plans, Supporting documents, Others).

Deviation Items related to Code of Practice on Surface Water Drainage (COPSWD) – 7th Edition (Dec 2018)

S/N	Subject	Relevant Clause / Sub-Clause	Remarks
1	Minimum Platform Level	Cannot comply with sub-clauses 2.1.1(a), (b) or (c)	Please note that flood protection measures must be included for such deviation application. Refer to clause 2.4.
2	Crest Level	Cannot comply with sub-clauses 2.2(a), (b) or (c)	Please note that flood protection measures must be included for such deviation application. Refer to clause 2.4.
3	Internal Drainage System	Cannot comply with sub-clause 4.2.1 on drainage affecting other premises ¹ <i>¹ This scenario is considered as one deviation item</i>	QP/PE to provide technical justification if all runoff from the development site cannot be discharged into a roadside drain.
		Cannot comply with sub-clause 4.4.4 on internal drainage system	QP/PE to provide technical justification and substantiate with hydraulic calculations if proposed conduit drain is <300mm dia.
4	Common Drain	Cannot comply with sub-clause 4.5.1	QP/PE to provide technical justification for not being able to comply minimum 450mm for internal width of common drain.
		Cannot comply with sub-clause 4.5.2	QP/PE to provide justification for not being able to erect the new boundary wall/fencing at the same position of the existing boundary wall/fencing.

Deviation Items related to Code of Practice on Surface Water Drainage (COPSWD) – 7th Edition (Dec 2018)

S/N	Subject	Relevant Clause / Sub-Clause	Remarks
5	Structures Within/ Across Drain/Drainage Reserve	Cannot comply with sub-clause 5.4(b) on minimum clearances (i.e. vertical clearance of 100mm and horizontal clearance of 300mm) from drainage structure(s)	QP/PE to provide technical justification for not being able to meet the minimum clearances and detailed assessment that the proposed deviation will not affect drain structural integrity and hydraulic capacity.
		Cannot comply with sub-clause 5.4(c)(i) on the minimum headroom clearance of 5.4m between the base of the proposed elevated structure and the vehicular maintenance access within the drainage reserve	QP/PE to provide technical justification for not being able to meet the minimum headroom clearances and detailed assessment that the proposed deviation will not affect maintenance of drain/DR
6	Services Within And/or Across Drain/Drainage Reserve	Cannot comply with sub-clause 5.5.1 on minimum distance of 300mm from the drainage structure(s)	QP/PE to provide technical justification for not being able to meet the minimum clearances and detailed assessment that the proposed deviation will not cause constraint to PUB's drainage improvement works in near future.
		Cannot comply with sub-clause 5.5.2 on services to under-cross drain/drainage reserve with minimum clearance requirements as stated in clause 5.5.2	
8	Others	-	Please submit a pre-consultation if QP/PE is not clear about how to make deviation submission

Deviation Items related to Code of Practice on Sewerage and Sanitary Works (COPSSW) – 2nd Edition (Jan 2019)

S/N	Subject	Relevant Clause / Sub-Clause* for each Subject	Remarks
1.	Setback/Structure over sewer or manhole	Cannot comply with clause 1.1.3.	<p>Deviation from one or more sub-clauses in each Clause X.X.X will only be considered as 1 waiver item under the main clause X.X.X.</p> <p>E.g. if project cannot meet sub-clauses 1.2.1 (b) and 1.2.1 (c), QP to submit 1 waiver item under clause 1.2.1 only.</p>
2.	Utilities clearances from sewer	Cannot comply with sub-clause 1.2.4(c).	
3.	IC/Floor Trap Levels lower than Top Level of Connecting Manhole	Cannot comply with clause 1.2.1.	
4.	Drain-line Connection to Public Sewer for New Development/Redevelopment	Cannot comply with clause 1.2.3.	
5.	Position of Sanitary Pipes	Cannot comply with clause 4.3.2	
6.	Grease Trap & Trade Effluent Requirements	Cannot comply with clause 4.2.2	

Deviation Items related to Code of Practice on Sewerage and Sanitary Works (COPSSW) – 2nd Edition (Jan 2019)

S/N	Subject	Relevant Clause / Sub-Clause* for each Subject	Remarks
7.	Design of Sewer, Manholes & Structures	Cannot comply with any clause in 3.2 and/or 3.4.1	<p>Deviation from any one sub-clauses in each Clause X.X.X will be considered as 1 waiver item. E.g. if project cannot meet sub-clauses 3.2.1(d) and 3.2.2(a), QP to submit 2 separate waiver items.</p> <p>Exception for clauses 3.2.2 and 3.2.3 – Deviation from one or more sub-clauses under both these clauses will only be considered as 1 waiver item. QP to list 1 waiver item as Clause 3.2.2 and 3.2.3.</p>
8.	Pumping Installation & Pumping Main Design	Cannot comply with clauses 3.3 and/or 3.4.2	Deviation from any one sub-clauses in each Clause X.X.X will be considered as 1 waiver item. E.g. if project cannot meet sub-clauses.
9.	Other Sanitary Drainage & Plumbing System Design	Cannot comply with clauses 4.2 (except 4.2.2), 4.3 (except 4.3.2), 4.4, 4.6 and/or 4.8	
10.	Others		