



PUB-DCCLR E-form

APPLICATION FOR DEVELOPMENT CONTROL (DC) CLEARANCE

This form may take you 10 minutes to fill in. You will need the following information to fill in the form:-

- Particulars of Project
- Particulars of Qualified Person

Date:

To:

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

Instructions

1. *This form is to be digitally signed by the Qualified Person responsible for the works.*
2. *This form is to be accompanied by the relevant attachments.*
3. *Please read the DC checklist before filling the form.*

Particulars of Project

Project Reference Number	<input type="text"/>
Project Title	<input type="text"/>
Location Description [Include Lot/Plot, MK/TS, Building Address, House No and Road information]	<input type="text"/>

Particulars of Application

	Receipt No	Dated
SIP/DIP (if applicable)	<input type="text"/>	<input type="text"/>

Particulars of Qualified Person				
Name	<input type="text" value="Select"/>			
Role In Project	<input type="text"/>			
Registration No	<input type="text"/>			
Firm Name	<input type="text"/>			
Firm Address	<input type="text"/>			
Telephone No.	<input type="text"/>			
Extension No	<input type="text"/>			
Fax No.	<input type="text"/>			
Email Address	<input type="text"/>			
Particulars of Owner(s)				
Name	<input type="text" value="Select"/>			
Address	<input type="text"/>			
Contact No	<input type="text"/>			
Email	<input type="text"/>			
Development Details				
Type of Project	<input type="text" value="Select"/>			
Type of Development	<input type="text" value="Select"/>			
Type of Submission				
<p>1. Selections here will determine compulsory fields in subsequent sections</p> <p>2. Choose SEW for Sanitary and Sewerage matters</p> <p>3. Choose DRA for Drainage matters</p> <p>4. For simplified submission, refer to next pages for requirements</p> <p>5. If making resubmission or amendment, please choose SEW and/or DRA under the respective columns</p>				
		New Submission	Resubmission	Amendment
Development Control	SEW	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	DRA	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Simplified Submission	SEW	<input type="checkbox"/>		
	DRA	<input type="checkbox"/>		
Works Affecting Sanitary/Sewerage				
Check where applicable:				
- Sanitary				<input type="checkbox"/>
- Sewerage				<input type="checkbox"/>
- RC Trench				<input type="checkbox"/>
- Sewerage pump system				<input type="checkbox"/>

- Works affecting public sewer (e.g. building over sewer, footing within sewer setback, etc.)	
Is there sewer connection to neighbour house?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is there public sewer in the development lot?	<input type="checkbox"/> Yes <input type="checkbox"/> No
No. of storeys in development	<input type="text"/> Storeys
Total used water discharge - 0.06 for landed house - Maximum pump rate of ejector if using - Please seek advise of Plumber or PE M&E	<input type="text"/> L/s
Used Water Catchment No. Please refer to catchment maps here	<input type="text" value="Select"/>
Works Affecting Drainage	
Check where applicable: <u>Works Affecting Minor Drainage</u> - Internal surface water drainage and related system <input type="checkbox"/>	
<u>Works Affecting Other Drainage</u> - Detention Tank <input type="checkbox"/> - ABC Waters design features <input type="checkbox"/> - Flood protection measures <input type="checkbox"/> - Pumped drainage system with linkages special underground facilities <input type="checkbox"/> - Pumped drainage system with no linkages to special underground facilities <input type="checkbox"/> - Drains receiving runoff from neighbouring lots <input type="checkbox"/> - Roadside drains <input type="checkbox"/> - Entrance culverts <input type="checkbox"/> - Retaining wall in the vicinity of public drains <input type="checkbox"/>	
Is there basement?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Area of development	<input type="text"/> ha
DR in the development	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Proposed MIN PLATFORM LEVEL	<input type="text"/> mRL
Max Adjacent Road	<input type="text"/> mRL
Any linkage to MRT	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Drainage Catchment Please refer to catchment maps here	<input type="text" value="Select"/>

SUBMISSION FOR DEVELOPMENT CONTROL (DC) PLAN

Instruction:

1. First Storey Plan/Site Plan for Section A and B can be submitted as one plan with clear layer and identification.
2. Please check all the relevant information have been indicated and provided before submitting
3. Detailed Plan may be submitted if all COP requirements are met and are to based on approved Development Control Plan.

Section A: Works Affecting Sanitary/Sewerage

1. Attachment of Site Plan and First Storey Plan

to show: The sewer setback, propose and existing sewer connection, top/invert level of MH, and platform levels, propose and existing sanitary drainline, propose public sewer (if any), manhole and sewer identification number

2. There are the following types of work in this project:

(Read only. Editable on page 2.)

- Sanitary
- Sewerage
- RC trench
- Sewerage pump system
- Works affecting public sewer (e.g. building over sewer, footing within sewer setback, etc.)

Declaration

I hereby certify that these plans and the works shown therein comply with the provisions of the Sewerage and Drainage Act (Chapter 294), the Sewerage and Drainage (Sanitary Works) Regulations and the current Code of Practice on the Sewerage and Sanitary Works.

I have carried out a thorough investigation of the existing sewerage system within the site and will take every practical measure to ensure that the proposed Development will not disrupt or affect any existing sewer / drain-line that serves other properties / premises.

Please state if any deviation from the COP

Simplified Submission for Works Affecting Sanitary/Sewerage

I hereby declare that the project meets the following criteria:

- A. A/A works to single landed residential house, factory** (excluding workers' dormitory) **or shops** (excluding food shops or food establishments).
The proposal involves only construction works/activities within the existing building, which comply with the following:
1. New or alteration to the sanitary facilities and sanitary pipes and fully comply with the Code of Practice on Sewerage and Sanitary.
 2. Does not have any building/ structure/piling works outside the existing building that affecting the public sewer/combined sanitary drainline.
 3. No change to drainline connection to public sewer.
 4. No proposal of on-site facilities such as retention tank, holding tank and sewerage treatment plant (STP).
 5. Total discharge of used water will not exceed 2 litres/second (including

ejector system).



B. New erection or reconstruction of single landed residential house, such as single unit of terrace house, semi-detached house, bungalow. The proposal meets the following conditions:

1. Does not have public sewer or combined sanitary drainline within the lot
2. Reuse existing drainline connection which is connected to the public sewer located at public area. *For reuse of existing drainline connection which is made to the neighbour's inspection chamber, pre-consultation with PUB to obtain a written advice before lodgement is required.*
3. No new sewer.
4. No proposal of on-site facilities such as retention tank, holding tank and sewerage treatment plan (STP).
5. Total discharge of used water will not exceed 2 litres/second (including ejector system).



C. Erection of external structures such as covered linkway, bus shelter, pedestrian overhead bridge (POB)

1. No works proposed within the sewer setback.

Simplified Submission is a lodgement process based on the QP's declaration. QP is reminded to check thoroughly before making submission for the project.

For proposals that does not meet any of the criteria or has obtained written direction from an earlier Development Control submission, QP is required to follow up with a Development Control submission. Simplified submission is not allowed for such cases.

Upon completion of work, QP is required to submit for PUB TOP/CSC clearance.

Section B: Works Affecting Drainage

1. Attachment of Site Plan and First Storey Plan
2. Attachment of Basement Plans
3. Proposed plan showing crest levels, platform levels with and without flood barriers at various entrance and exit points, and flood barrier installed at all points of entry and exit for building premises or for entire development
4. Attachment of DC Checklist

5. There are the following types of work in this project, (Read only. Editable on page 2.)

Works Affecting Minor Drainage

- Internal surface water drainage and related system

Works Affecting Other Drainage

- Detention tank
- ABC Waters design features
- Flood protection measure
- Pumped drainage system with linkages special underground facilities
- Pumped drainage system with no linkages to special underground facilities
- Drains receiving runoff from neighbouring lots
- Roadside drains
- Entrance culverts
- Retaining wall in the vicinity of public drains

Declaration

- I certify that the drainage work are designed in full compliance with PUB requirements Including Sewerage and Drainage Act (Chapter 294) and current edition of COP on Surface Water Drainage

Please state if any deviation from the COP

Simplified Submission for Works Affecting Drainage

I hereby declare that the project meets the following criteria,

- A. A&A works to an existing building involving only the construction of additional floors without reconstructing the first storey and where there are no linkages to special underground facilities.
- B. External structures that are:
1. Not affecting public drain (i.e. at least 300mm away from drain wall) or;
 2. Not within Drainage Reserve or;
 3. Not affected by drain receiving runoff from neighbouring lots

Simplified Submission is a lodgement process based on the QP's declaration. QP is reminded to check thoroughly before making submission for the project.

For proposals that does not meet any of the criteria or has obtained written direction from an earlier Development Control submission, QP is required to follow up with a Development Control submission. Simplified submission is not allowed for such cases.

Upon completion of work, QP is required to submit for PUB TOP/CSC

clearance.

**PUBLIC UTILITIES BOARD (PUB)
CATCHMENT & WATERWAYS DEPARTMENT
CHECKLIST FOR DC PLANS**

(A) General

<p>1. Date of Drainage Interpretation Plan (DIP) issuance</p> <p><i>(Read only. Editable on page 1.)</i></p>	<input type="text"/>
<p>2. Site boundary lines are clearly indicated on plan</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. For JTC, HDB, URA developments, the drainage masterplan of the development site is attached together with the submission.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> N.A.
<p>4. If the proposed development site area exceeds 0.4 ha, hydraulic calculations for the proposed internal drainage facilities, including sub-catchment plans for the proposed development site endorsed by a Professional Engineer (Civil) to be submitted for PUB record.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> N.A.
<p>5. There is upstream drainage connection from the neighbouring lots into the development site.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>6. Area of development</p> <p><i>(Read only. Editable on page 2.)</i></p>	<input type="text"/> Ha
<p>7. Post-development Runoff Coefficient</p>	<input type="text"/> <small>(Please indicate value between 0 to 1)</small>

(B) DRAINAGE RESERVE	
8. Drainage Reserve lines and lot boundaries are indicated, dimensioned and highlighted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. All embankments and structures are set outside the Drainage Reserve	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Drainage Reserve are free from encumbrances	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. Design of embankment and structures near a drain or Drainage Reserve (within 2m) must not take into consideration the passive resistance offered by the existing or proposed drainage structures. (Note clause 5.3 of the latest edition of Code of Practice on Surface Water Drainage). The structural and stability calculations for an embankment or a structure within 2 m from the edge of Drainage Reserve shall be endorsed by a Professional Engineer and submitted to the Board for record at Detailed Planning stage.	<input type="checkbox"/> Yes <input type="checkbox"/> No
(C) DETENTION TANK	
(i) Detention tanks: Volume Drawings and details of the detention system, pumping system (if applicable) and Standard Operation Procedure of the stormwater detention duly endorsed by QP shall be submitted to PUB for record at Detailed Planning stage. Please refer to Technical Guide for stormwater detention tank system at Qualified Persons Portal	<input type="text"/> (Please indicate size < width (m) x length (m) x effective depth (m) >)
(D) ABC WATERS DESIGN FEATURES	
Constructed Wetlands	<input type="text" value="Select"/>
Bioretention Swales/Basins	<input type="text" value="Select"/>
Rain Gardens	<input type="text" value="Select"/>
Retention/ sedimentation ponds	<input type="text" value="Select"/>
Green roofs	<input type="text" value="Select"/>
Planter boxes	<input type="text" value="Select"/>
Porous pavements	<input type="text" value="Select"/>
Others	<input type="text"/> (Please indicate if any)
(a) Names & Registration No. of ABC Waters Professional	<input type="text"/> (Please indicate name & registration no. of ABC professional)
(b) Concept design and design calculations (e.g. catchment area, treatment area and detainment volume etc for the ABC Waters design feature), endorsed by the ABC Waters Professional are submitted to PUB.	<input type="text"/>
(c) Hydraulic calculation for the overflow	<input type="text"/>

<p>system, endorsed by ABC Waters Professional (PE) are submitted to PUB.</p>	
(E) MINIMUM PLATFORM LEVEL (MPL)	
<p>12. Proposed MPL of development <i>(Read only. Editable on page 2.)</i></p>	<input type="text"/> mRL
<p>13. For addition and alteration works submission, the existing platform levels are indicate</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>14. Linkages (direct/indirect) to special underground facilities and basements, if any, are indicated and complied with the latest Code of Practice on Surface Water Drainage</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>15. Flood barrier (as stipulated in Section 2.4 of the latest Code of Practice on Surface Water Drainage), if any, is incorporated into the development site.</p> <p>Details of the flood protection measures and Standard Operating Procedures (SOP) shall be submitted to PUB for record during Detailed Planning stage</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
(F) OPENING LEADING TO BASEMENT LEVEL	
<p>16. Crest level of access ways and openings leading into the basement is indicated and complied with the latest Code of Practice on Surface Water Drainage</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

(G) DRAIN RECEIVING RUNOFF FROM NEIGHBOURING LOTS	
17. Alignment, size and flow of existing drain receiving runoff from neighbouring lot are indicated.	<input type="checkbox"/> Yes <input type="checkbox"/> No
18. If there is drain receiving runoff from neighbouring lot, the following shall be endorsed on the plan: "Surface runoff from the neighbouring lots shall continue to be allowed to discharge through this drain."	<input type="checkbox"/> Yes <input type="checkbox"/> No
19. The position of the existing/proposed boundary wall/fence is clearly indicated	<input type="checkbox"/> Yes <input type="checkbox"/> No
(H) PUMPED DRAINAGE SYSTEM	
20. Details of pumped drainage system and design computations duly endorsed by PE shall be submitted separately to PUB for record during Detailed Planning stage	<input type="checkbox"/> Yes <input type="checkbox"/> No
21. Source catchment area with surface runoff leading into the pumped drainage system is clearly indicated	<input type="checkbox"/> Yes <input type="checkbox"/> No
22. The location, size, inlet and outlet connections of the rainwater pump sump for the proposed pumped drainage system are clearly indicated	<input type="checkbox"/> Yes <input type="checkbox"/> No
(I) DRAINAGE AFFECTING OTHER PREMISES	
23. Minimum 600mm high solid boundary wall around development site is erected to prevent surface runoff from overflowing into adjacent premises on lower ground	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>Please refer to the guidelines on Submission of DC Plans at Qualified Persons Portal</p> <p>I hereby confirm and endorse that I have complied with the above items and Guidelines on Submission of DC Plans.</p> <p>I hereby certify that the standard endorsement below will also be certified on the plans:-</p> <p>(a) The planning, design, construction activities and procedures for plan submission shall comply fully with the requirements as stipulated in the latest edition of the Code of Practice on Surface Water Drainage and the Sewerage and Drainage (Surface Water Drainage) Regulations 2007.</p> <p>(b) The capacity of internal drains shall be sufficient to intercept and discharge all runoff from the development site.</p> <p>(c) The runoff within, upstream of and adjacent to the development lot can be effectively drained away without causing flooding within the lot or in areas outside the lot.</p> <p>* Public Utilities Board (PUB) reserves the right to report any false declaration of information to the relevant professional bodies for action in accordance to the Act/ethnics governing all the Qualified Professional.*</p>	