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## Application for Permit to Connect to the Shire's Drainage System

Application No: Yr/No. \_\_\_\_\_

**How do I connect to the Shire's drainage system?** Connection to the street drainage system requires a permit and must be inspected both before and after by the Shire of Denmark. Contact the Shire of Denmark Technical Services Department on 9848 0300 to arrange.

### Applicant Details

Owner of Property

Contractor

Date: \_\_\_\_\_ Name: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Connection Type:

Residential

Commercial

### Contractor Details

Contractor Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Response required to Builder?

Yes

No

### Drainage System Details

Lot No: \_\_\_\_\_ Street No: \_\_\_\_\_ Street: \_\_\_\_\_

Location: \_\_\_\_\_

Type of construction required to connect to Shire’s drainage system: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Conditions**

- No drainage connection shall be installed without the issuance of a permit.
- A drainage connection application fee in accordance with the Shire of Denmark’s fees and charges is required to be paid prior to the issuance of a permit.
- The Shire of Denmark has the power under the Local Government Act 1995, as amended, to rectify any non-standard drainage construction at the applicant’s expense.
- The permit for the construction of the connection to Shire’s drainage system is only valid for twelve months from the date of permit issuance.
- If you have any queries, contact the Shire of Denmark Technical Services department

**Important Notes**

*What is stormwater detention?*

Stormwater detention is the collection of rain that falls on your property (known as stormwater), storing temporarily, and then releasing it slowly so that it doesn’t cause downstream flooding.

*Why is stormwater detention necessary?*

The aim of stormwater detention is to hold stormwater within the property for a sufficient period to simulate when the land was grassland (pre-development conditions). This reduces the flood risk for properties downstream, and adverse effects to the natural waterways.

*What is the Shire of Denmark’s requirements?*

Stormwater from all impervious areas (roof, driveway, paving etc.) is to be detained onsite with an overflow connected to existing stormwater infrastructure (or discharged to the road – see figure 4).

*How can I achieve the detention requirements?*

There are several options available to achieve detention, as listed below:

- Storage pits (see figure 1) or modular storage
- Rain gardens (see figure 2)
- Rainwater tanks (with rainwater retention volume – see figure 3). NOTE: Rainwater tanks are to be used when other options are unachievable.

Soakwells are not suitable in most areas within the Shire due to local soil conditions.

*How much storage is required?*



- As a guide, 0.5m<sup>3</sup>(500 litres) is required per 100m<sup>2</sup> of impervious area.
- Alternatively, the storage can be calculated and designed by a Civil Engineer to the satisfaction of the Shire of Denmark.
- Where the impervious area is unknown, the following table can be used:

Total land area (m <sup>2</sup> )	300	400	500	600	700	800	900	1000
Required storage volume (m <sup>3</sup> )	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0

**Declaration**

I hereby certify that this application contains a true and accurate description of the proposed works. All works will be carried out in accordance with the information contained in this application, legislative & statutory requirements and to any other conditions or specifications imposed by the Shire of Denmark Director of Infrastructure and Assets.

Endorsed by: \_\_\_\_\_ (Applicant)





