

Deemed to Comply on-site detention solutions

Deemed to Comply - General

- The roof area directed to stormwater quantity treatment must be maximised.
- Stormwater quantity treatment is to be provided in addition to BASIX volume requirements.
- A maximum 10% of the sites impervious surfaces runoff can be discharged directly to a public drainage system without water quantity management.

Small impervious hardstand areas and ancillary development that cannot physically be drained to a tank should grade to landscaped areas to promote infiltration or connect to the public drainage system.

Deemed to Comply - Detention tank requirements:

- For every 100m² of roof or impervious area collected 1,500 litres detention/storage is to be provided.
- The detention tank must have an outlet located at the base of the tank or base of the detention volume. The outlet diameter is to be:
 - 65mm for detention volumes below 4.5KL
 - 90mm for detention volumes of 4.5KL and above
- Detention can be provided above or below ground.
- Stormwater detention and reuse (BASIX) volumes can be provided separately or within a single dual-use tank.
- For residential lots larger than 2,000m², the re-use (BASIX) storage volume can be counted as detention volume if:
 - The tank overflow is spread within the lot (i.e. not directly connected), and
 - The overflow location will not impact on any neighbouring properties.

Alternative Deemed to Comply infiltration option:

In areas with sandy soils (types A & B), an underground infiltration chamber can be used with the following requirements:

- For every 100m² of roof or impervious area collected 3,000 litres of infiltration storage is to be provided.
- Infiltration chambers are to have a maximum height of 1m.

Infiltration units are to have an emergency overflow that drains to a legal point of discharge.

