

EARLY DRAINAGE CONNECTION

WHAT IS THIS?

Connect roof downpipes and other drainage from sealed surfaces to the site stormwater connection as soon as the roof is on or other impervious surfaces are constructed, such as driveways, parking areas, or building slabs (Figure 6). If the permanent pipes and drainage cannot be installed yet, install temporary flexible downpipes. This control prevents 'clean' rainwater running through the disturbed or active work area, thereby reducing risk of pollution, the amount of water needing treatment, and saving time and money.

WHAT DO I NEED TO DO?

Before starting site works:

- Install a new permanent stormwater connection to the public stormwater system as approved by your plumbing permit prior to work, or identify the existing connection. Ensure it is functional and appropriately sized for the development. Only one stormwater connection is allowed per lot, unless otherwise approved under the *Urban Drainage Act 2013*.
- Ensure the stormwater connection location and design is included in your approved ESCP (see page 17).
- Ensure the function and maintenance of temporary drainage connections are included in all site inductions.

Installing the control:

- Ensure you have temporary flexible downpipes and other suitable materials on-site which are long enough to be connected to the site's stormwater connection.
- As soon as the roof goes on or impervious area is constructed – if the permanent pipes and drainage cannot be installed yet – connect temporary downpipes and other drainage such as flexible tubing to the site stormwater connection. Install the permanent private stormwater system as soon as possible.

Maintaining the control:

Check that the early drainage connections are in good order whenever rain is forecast, and after rain.



Figure 6: It is important to connect downpipes as soon as impervious surfaces are created. *Figure modified from the 'Do It Right On Site' brochure series, Southern Sydney Regional Organisation of Councils.*