

INDUSTRIAL STORMWATER CODE OF PRACTICE FACT SHEET

6. Deemed to comply tool

What is it?

The online tool is a rapid assessment tool intended to be used by developers and consultants (engineers, architects etc.). It can be used to rapidly and cost effectively work out how to comply with the Stormwater Code of Practice (the Code), ensuring that stormwater runoff from industrial developments is well managed.

The tool is underpinned by local climate and soil data, so may not be applicable to other locations. It is also based on modelling the land use of new industrial development with very high percentages of impervious area and limited landscaping.

The tool is available on Councils website at www.hume.vic.gov.au/industrialstormwater for use.

What is it used for?

The tool can be used to provide a deemed-to-comply solution for development proponents. Proponents are also free to undertake their own investigations and propose alternatives provided they satisfy the “best practice” water quality objectives included in the Code. This means the development shall retain:

- 80% of Total Suspended Solids
- 45% of Total Nitrogen and Total Phosphorus
- 70% reduction of typical urban road litter and
- Maintain discharges at 1.5 year Annual Recurrence Interval (ARI).

The tool is used by Council when evaluating planning applications to ensure that best practice water quality objectives are being met and that the proposed development is deemed-to-comply.

The tool is targeted at smaller scale applications that do not require an operational environmental management plan.

What do the results mean?

Achievement of a 100% deemed-to-comply solution means that the site has achieved at least 90% treatment of the runoff. This achieves the best practice water quality objectives required to meet the Code.

If you do not achieve 100% using the tool, you will need to improve your results by providing treatment for non-permeable surfaces that currently have no treatment or increase or vary the size of proposed treatments.

How to use?

- The tool has been designed to be simple and intuitive.
- ONLY enter data into the purple shaded cells.
- The spreadsheet will check calculations as you go to see if the areas draining to the treatment devices exceed the total development area.
- If you make a mistake a warning message will appear in red and prompt you to amend the entered data.



STEP 1 - Starting and data entry

Click the 'To start or clear assessment' button to ensure the page is refreshed.

Enter the new data into the purple cells from your development proposal in Box 1. This requires that you know the proposed land use breakup of the development:

- Total Development Area (m2)
- Roof Area (m2)
- Car Parking Area (m2)
- Paved Area (excluding car parking) (m2)
- Landscaping Area (m2)

If the sub-areas do not add up you will be prompted to correct the data.

STEP 2 - Selecting treatment options

Select the type of stormwater treatment devices you want to use, choosing any combination of:

- Rainwater tank
- Raingarden
- Permeable pavement

You will be prompted to enter the areas draining to these devices. Enter the information from your development proposal.

At least 90% of the total impermeable development area needs to drain to one or more treatment devices. Once this has been achieved the cells at the bottom of Step 2 will turn from red (warning) to green. You can now proceed to Step 3.

STEP 3 - List of Commitments

The deemed to comply tool will list the required stormwater treatment measures to include with your planning application.