

Nutrients from future land use after sustainable urban drainage system (SuDS) treatment

This sheet contains one table.

Note: You will need to fill in cells A30 to A39, cells B35 to B29, cells C35 to C29, cells E35 to E29 and cells F35 to F29 if you are including SUDS to remove nutrients from the water column. Cell B30, cells D35 to D39 and cells G35 to G39 are automatically calculated and will state "0 unless the total inputs have been entered. Cells H35 to H29 are automatically calculated and will state "Not Applicable" unless the total area of the water body entered is larger than the total area of the landcover entered into the worksheet "Nutrients, from future_land_user". Row 30 is a total row. The Total row states "Totals" in cell A30 and automatically calculates the total sum of cells B35 to B29 in cell B30, cells D35 to D29 in cell D30 and cells G35 to G29 in cell G30. Cell C30, cell E30, cell F30 and cell H30 are intentionally blank.

How to fill in the table 'Suds information'

Cells A5 to A29: Choose the future (post-development) land use type(s) of landcover present on the new site within the SuDS catchment area from the dropdown list. Only landcovers entered into the worksheet titled 'Nutrients_from_future_land_use' can be entered.

Cells B5 to B29: Enter the area in hectares of each new land use type within the SuDS catchment area

Cells C5 to C29: Enter the percentage of the flow entering the SuDS feature. If all flow is being diverted to the SuDS feature then this value should be set to 100%.

Cells E5 to E29: Enter the name of the SuDS features used to intercept surface flows can be entered in. Any text can be entered into these

Cells F5 to F29: Enter the nutrient removal rates associated with the SuDS features for TN.

The annual TN loads removed by the SuDS features are automatically calculated in cells G5 to G29 for TN. These values are subtracted from the nutrient budget.

You do not need to fill in column H 'Notes on data'. It will state 'Not applicable' unless the total area of each landcover within the SuDS catchment area exceeds the area of the landcovers entered into the worksheet titled 'Nutrients from future land use'.

The total nutrient load removed through the SuDS features is shown in cell G30 for TN.

SuDS information

[illegible]