

Nutrients from wastewater

This sheet contains 2 tables. The tables are separated by a heading, which describes the following table.

Note: You will need to fill in cells B5 to B10 in the first table 'Water infrastructure information'. Cells B11 to B12 are automatically calculated and will state '0.00' unless the user inputs have been entered. Cells A13 to A16 and B13 to B16 are automatically generated and will state 'Not applicable' depending on the inputs to cells B5 and B10. You may need to fill in cell C11 and cell C12 depending on the information you entered in cell B10. Cells C5 to C10 and cells C13 to C16 are intentionally blank cells.

You do not need to fill in any cells in the second table 'Final calculation of nutrient load from wastewater'. Cells B20 to B23 are automatically calculated and will state '0.00' unless the user inputs have been entered to the first table 'Water infrastructure information'. Cells A24 to A29, cells B25 to B26 and cells B28 to B29 are automatically generated and will state 'Not applicable' depending on the user inputs to the first table 'Water infrastructure information'. Cell B19, cell B24 and cell B27 are intentionally blank cells.

How to fill in the table 'Water infrastructure information'

Cell B5: Enter the date of first occupancy.

Cell B6: Enter the average occupancy rate of the development. The default rate is 2.4, this should not be edited without sufficient evidence.

Cell B7: Enter the water usage. This value should be kept at 120 unless other efficiency measures are used.

Cell B8: Enter the total number of dwellings or units that will be within the development site as of the project completion date.

Cell B9: Choose whether the development can apply deductible acceptable loading from the dropdown list.

Cell B10: Choose the receiving wastewater treatment works (WwTW) from the dropdown list.

If you select 'Package Treatment Plant user defined' or 'Septic Tank user defined', you must

Water infrastructure information

Description of required information

Date of first occupancy (dd/mm/yyyy):

Average occupancy rate (people/dwelling or people/unit):

Water usage (litres/person/day):

Development Proposal (dwellings/units):

Include deductible acceptable loading?

Wastewater treatment works:

Current wastewater treatment works P permit (mg TP/litre):

Current wastewater treatment works N permit (mg TN/litre):
Not applicable
Not applicable
Post 2030 WwTW P permit (mg TP/litre):
Post 2030 WwTW N permit (mg TN/litre):
Final calculation of nutrient load from wastewater
Description of values generated
Post-2030 wastewater nutrient loading
Additional population (people):
Wastewater by development (litres/day):
Annual wastewater TP load (kg TP/yr):
Annual wastewater TN load (kg TN/yr):
Pre-2030 wastewater nutrient loading
Annual wastewater TP load (kg TP/yr):
Annual wastewater TN load (kg TN/yr):
Not applicable
Not applicable
Not applicable

Data entry column - user inputs required	Additional data entry column - user inputs may be required
01/06/2025	
2.40	
120	
2	
Yes	
Chickenhall Eastleigh WwTW	
0.60	

25.00	
Not applicable	
Not applicable	
0.25	
8	
Values generated	
4.80	
576.00	
0.05	
1.51	
0.11	
5.26	
Not applicable	
Not applicable	