

3-5 New Street, Salisbury SP1 2PH

Planning Application for Material Change of Use

Nutrient Neutrality Assessment

A nutrient budget assessment has been undertaken using the nutrient budget calculator and is attached electronically in the original Excel format, with hard copies of the relevant tabs attached here.

The development proposal relates solely to an existing residential building and involves no development of land. Accordingly, the calculation uses only the '*Nutrients from wastewater*' calculation because the development is contained within the existing building and so adds only to the potential volume of sewage.

The default population figure of 2.4 people per dwelling has been applied and the calculation uses the nett additional number of dwellings (one) because the figure then arrived at is the addition to wastewater arising from the development.

The budget appearing at tab 'Final nutrient budgets' is:

Description of values generated	Values generated
Wastewater TP load (kg TP/year):	0.02
Net land use TP change (kg TP/year):	0.00
TP budget:	0.02
TP budget + 20% buffer:	0.02
Annual nutrient budget	
The total annual phosphorus load to mitigate is (kg TP/yr):	0.02
Pre-2030 nutrient budget	
The total annual phosphorus load to mitigate is (kg TP/yr):	0.11

As can be seen, the total annual phosphorus load to mitigate is 0.11kg TP/year.

Attachments

The following attachments are relevant to this Nutrient Neutrality Assessment:

- Completed Excel Nutrient_Calculators_River_Avon_SAC_V_03_01_2
- Nutrient Calculation Water Infrastructure Information
- Nutrient Calculation Final Budget