

Development site details

Date (dd/mm/yyyy):

21/09/2023

Site Name:

Queens Road

Planning Application number:

Site Address:

Land adjacent 30 Queens Road Waterlooville

Stage 1

User Inputs

Date of first occupancy:	01/10/2024
Average occupancy rate:	2.40
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	1
Include deductible acceptable loading?	Yes
Wastewater treatment works:	Budds Farm VwTW
Wastewater treatment works N permit (mg TN/litre):	7.7

Stage 1 Calculated Loading

Stage 1 Nutrient Loading	
Additional population	2.4 people
Wastewater by development	288 litres/day
Annual wastewater TN load	0.73 kg TN/yr

Stage 2

User Inputs

Catchment:	East Hampshire Rivers
Soil drainage type:	Freely draining
Annual average rainfall (mm):	700.1 - 750
Within Nitrate Vulnerable Zone (NVZ):	Yes

Existing land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.07	0.99

Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.07	0.99
Total:	0.073	0.99

Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load
to mitigate is:

0.87 kg TN/year