

Occupancy calculator

Date 27/02/2023

Site name 25 Mengham Road

Site address 25 Mengham Road, Hayling Island, PO11 9BG

	Gross new homes proposed	Gross losses proposed	Net new homes proposed
1 bed	2		2
2 bed	1		1
3 bed	1		1
4 bed			0
5+ bed			0
Total	4	0	4

**Average occupancy to include in Solent
Nutrient Calculator:**

1.85

Development site details

Date (dd/mm/yyyy):	27/02/2023
Site Name:	25 Mengham Road
Planning Application number:	Not Available
Site Address:	25 Mengham Road, Hayling Island, PO11 9E

Stage 1

User Inputs

Date of first occupancy:	01/01/2024
Average occupancy rate:	1.85
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	4
Include deductible acceptable loading?	No
Wastewater treatment works:	Budds Farm WwTW
Wastewater treatment works N permit (mg TN/litre):	9.7

Stage 1 Calculated Loading

Stage 1 Nutrient Loading

Additional population	7.4	people
Wastewater by development	888	litres/day
Annual wastewater TN load	2.83	kg TN/yr

Stage 2

User Inputs

Catchment:	East Hampshire Rivers
Soil drainage type:	Naturally wet
Annual average rainfall (mm):	675.1 - 700
Within Nitrate Vulnerable Zone (NVZ):	Yes

Existing land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Commercial/industrial urban land	0.01	0.08
Total:	0.012	0.08

Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.01	0.15
Total:		0.15

Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load
to mitigate is:

3.48 kg TN/year