

Nutrient Neutrality calculations for Land adjacent to 6 Emsworth House Place. January 2024

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Occupancy calculator

Date: 14/11/2023

Site name: Land adjacent to 6 Emsworth House Close

Site address: 6Land adjacent to Emsworth House Close, Emsworth, Hampshire, PO10 7JR

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

Average occupancy to include in Solent Nutrient Calculator: 2.60

Instructions

This calculator is intended to be used alongside Natural England's Solent Nutrient Budget calculator. It will provide the average occupancy rate to be used in stage 1 of the budget calculations.

Please input the gross new homes to be built in the scheme subject to the planning application together with any losses which are proposed. These must match exactly the units proposed through the application form for the development.

The result of the calculator can be printed or saved as a pdf.

This calculator, together with Natural England's Nutrient Budget must be submitted with your planning application alongside the Council's European Sites Avoidance and Mitigation Checklist.

Calculator

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Development site details

Date (dd/mm/yyyy): 16/11/2023

Site Name: Land adjacent to 6 Emsworth House Close

Planning Application number: GEN/23/00653

Site Address: Land adjacent to 6 Emsworth House Close, Emsworth, Hampshire, PO10 7JR

Solent Marine Sites Instructions Development site details Stage 1 Stage 2 Stage 3 Stage 4 Lookups

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Stage 1

User Inputs	
Date of first occupancy:	01/01/2025
Average occupancy rate:	2.60
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	N
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	2.6	people
Wastewater by development	312	litres/day
Annual wastewater TN load	0.99	kg TN/yr

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Stage 2

User Inputs

Catchment:	Western Streams
Soil drainage type:	Naturally wet
Annual average rainfall (mm):	750.1 - 800
Within Nitrate Vulnerable Zone (NVZ):	Yes

Existing land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Greenspace	0.04	0.13
Total:		0.0437 0.13

Select existing (pre -development) land use types from the drop down list.

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Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.04	0.63
Select post-development land use types from the drop down list.		
Total:	0.0437	0.63

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Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load to mitigate is: 1.79 kg TN/year

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