

Development site details

Date (dd/mm/yyyy):

30/11/2022

Site Name:

6 North Street

Planning Application number:

to be assigned

Site Address:

6 North Street, Emsworth

Stage 1

User Inputs

Date of first occupancy:	01/08/2023
Average occupancy rate:	1.40
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	10
Include deductible acceptable loading?	Yes
Wastewater treatment works:	Thornham WwTW
Wastewater treatment works N permit (mg TN/litre):	8

Stage 1 Calculated Loading

Stage 1 Nutrient Loading

Additional population	14	people
Wastewater by development	1680	litres/day
Annual wastewater TN load	4.42	kg TN/yr

Stage 2

User Inputs

Catchment:	Western Streams
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)
Commercial/industrial urban land	0.09	0.66
Total:	0.092	0.66

Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.08	1.05
Commercial/industrial urban land	0.01	0.10
Total:	0.092	1.15

Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load
to mitigate is:

5.89 kg TN/year