

Development site details

Date (dd/mm/yyyy):	23/12/22
Site Name:	Land at Victoria Road WaterlooVille
Planning Application number:	
Site Address:	Land at Victoria Road WaterlooVille

Stage 1

User Inputs

Date of first occupancy:	27/04/2024
Average occupancy rate:	2.40
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	29
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	69.6	people
Wastewater by development	8352	litres/day
Annual wastewater TN load	26.63	kg TN/yr

Stage 2

User Inputs

Catchment:	East Hampshire Rivers
Soil drainage type:	Variable
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	0.15	1.08

Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.15	
Total:	0.15	0.00

Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load
to mitigate is:

30.66 kg TN/year