

Development site details

Date (dd/mm/yyyy): 26/10/2022

Site Name: The Railway Inn

Planning Application number: APP/22/00974

Site Address: 95 North Street, Emsworth PO10 7PQ

Stage 1

User Inputs

Date of first occupancy:	10/06/2023
Average occupancy rate:	0.80
Water usage (litres/person/day):	120
Development Proposal (dwellings/units):	2
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	1.6	people
Wastewater by development	192	litres/day
Annual wastewater TN load	0.50	kg TN/yr

Stage 2

User Inputs

Catchment:	Western Streams
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	0.03	0.17
Total:	0.0254	0.17

Stage 3

User Inputs

New land use type(s)	Area (ha)	Annual nitrogen nutrient export (kg TN)
Residential urban land	0.03	0.32
Total:		0.32

Stage 4

Calculated Outputs

Annual Nutrient Budget

The total annual nitrogen load
to mitigate is:

0.79 kg TN/year