

Project # 54121D0F
A0430-A - Proposed Development
[Redacted]
70 Newton Ave, Bell Post Hill VIC 3215, Australia
29 April 2026 11:18 a.m.



A0430-A - Proposed Development

The proposed stormwater treatments comply with all the relevant objectives for management of stormwater flows on-site.



Project details

Name	A0430-A - Proposed Development
Project ID	54121D0F
Street address	70 Newton Ave, Bell Post Hill VIC 3215, Australia
Municipality	Greater Geelong
Site area	320.6 m ²
Planning Number	

Flow and pollutant load reductions

Item	Result	Target	
Mean annual runoff volume harvested or evapotranspired (%)	65%	>32%	✓
Mean annual runoff volume infiltrated or filtered (%)	3%	>3%	✓
Total suspended solids (%)	80%	>80%	✓
Total phosphorus (%)	76%	>45%	✓
Total nitrogen (%)	72%	>45%	✓
Total gross pollutants (%)	96%	>70%	✓

Configuration 1



Dwelling Roof 195.3m2



Rainwater Tank
Rainwater tank retention volume in kilolitres: 3

Configuration 2



Driveway (Treated) Paved, 18.5m2



Driveway Raingarden Area: 2 m²,
Extended detention depth: 0.1 m, Submerged zone depth: 0.3 m,
Site soil type: Clay

Configuration 3



Paving (Treated) Paved, 5.6m2



Paving Buffer Strip Area: 2 m², Site soil type: Clay

Catchments



Dwelling Roof 195.3m2



Driveway (Treated) Paved, 18.5m2

**Paving (Treated)**Paved, 5.6m²**Landscaping (Pervious)**Pervious (garden and lawn),
101.2m²

Treatments

**Rainwater Tank**

Rainwater tank retention volume in kilolitres: 3

158%**Driveway Raingarden**Area: 2 m²,
Extended detention depth: 0.1 m,
Submerged zone depth: 0.3 m, Site soil type: Clay**204%****Paving Buffer Strip**Area: 2 m², Site soil type: Clay**76%**



Proposed Dwelling Residential Townhouse, 4 bedroom(s)

Water sources	I want to use the average efficiency for a typical new dwelling or building
Basin taps - Primary water source	Mains water
Showers - Primary water source	Mains water
Clothes Washer - Primary water source	Rainwater
Toilets connected to mains water	0
Toilets connected to rainwater	4
Toilets connected to recycled water	0
Garden water use	Garden water demands are in use
Garden primary water source	Rainwater
• Mains	0 m ²
• Rainwater Tank	0 m ²
• Recycled Water	0 m ²
Garden water use efficiency	