

## 14 Robertson Street

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



### Project details

Name	14 Robertson Street
Street address	14 Robertson St, Peterborough VIC 3270, Australia
Municipality	Moyne
Site area	2020 m <sup>2</sup>
Planning Number	PL25/180

### Flow and pollutant load reductions

Item	Result	Target
Mean annual runoff volume harvested or evapotranspired (%)	28%	>28%
Mean annual runoff volume infiltrated or filtered (%)	75%	>9%
Total suspended solids (%)	93%	>80%
Total phosphorus (%)	81%	>45%
Total nitrogen (%)	76%	>45%
Total gross pollutants (%)	99%	>70%

### Water treatment

#### Catchments

**Roofs New** 229m<sup>2</sup>

**Existing Roof** 297m<sup>2</sup>

**Garden/lawn** Pervious (garden and lawn), 1494m2

## Treatments

### **Rainwater Tank 1**

Rainwater tank retention volume in kilolitres: 10

**Raingarden 1** Area: 25 m<sup>2</sup>, Extended detention depth: 0.3 m,  
Submerged zone depth: 0.3 m, Site soil type: Sandy clay

## Buildings & dwellings

**Proposed House** Residential Detached house, 2 bedroom(s)

**Existing House** Residential Detached house, 4 bedroom(s)

## Connections

### Configuration 1

**Roofs New** 229m2

### **Rainwater Tank 1**

Rainwater tank retention volume in kilolitres: 10,

**Proposed House** Residential Detached house, 2 bedroom(s)

## Configuration 2

**Existing Roof** 297m<sup>2</sup>

**Raingarden 1** Area: 25 m<sup>2</sup>,  
Extended detention depth: 0.3 m,  
Submerged zone depth: 0.3 m, Site soil type: Sandy clay,

**Existing House** Residential Detached house, 4 bedroom(s)

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REPORT