Little Stringybark Creek Environmental Significance Overlay (ESO)

Stormwater Treatment Plan

A Stormwater Treatment Assessor will assist you in completing this form.

Yarra Ranges Council

VICTORIA State Government

Melbourne Water
Enhancing Life and Liveability

Melbourne Water Reference: _____

Applicant details:

Surname/company: _____

First name: _____

Postal address: _____

Phone number: _____

Email: _____

Property details:

Street number: _____ Street name: _____

Suburb: _____ Postcode: _____

Works proposed:

Please provide information on the proposed new buildings or works that will result in an increase of more than 10m² in the amount of impervious/hard surfaces connected to drainage on your property. Examples of hard surfaces include paving, new outbuildings (sheds) and or additions to dwellings.

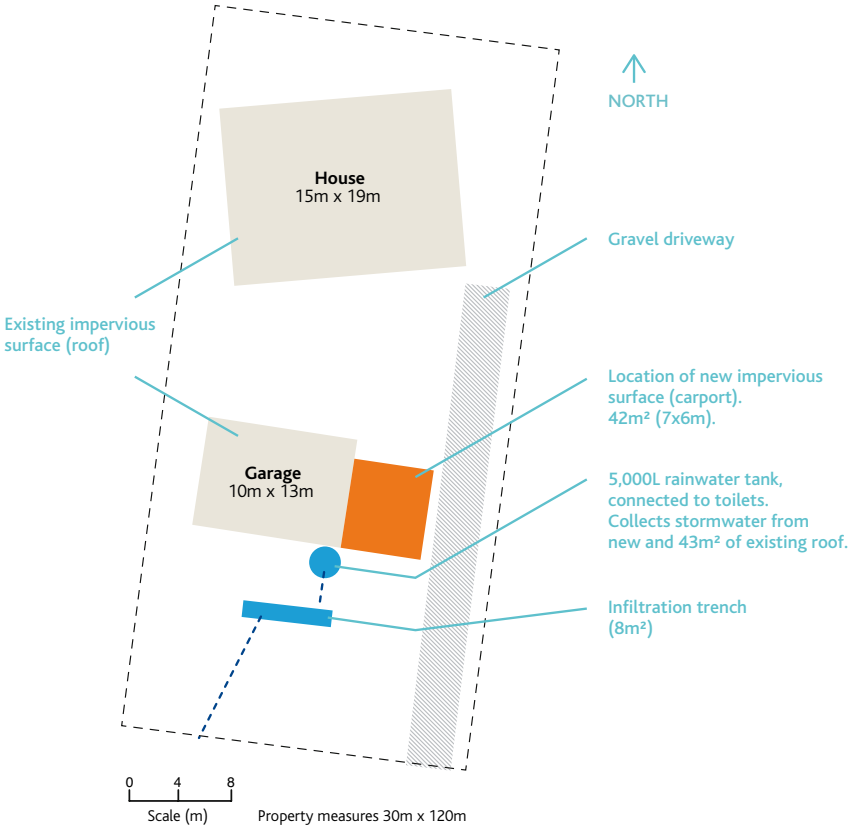
Area of additional impervious surface (m²): _____

Property size/area (m²)*: _____

Approximate completion date: _____

*This can be obtained from Yarra Ranges Council Geographical Information Systems repository online at *www.yarraranges.vic.gov.au/eServices/Online_Maps*

Example site plan



Description of proposed works (no more than 100 words):

Site plan of works and treatment measures:

An A4 or larger sketch must be provided that shows the following, as applicable:

- The boundaries and dimensions of the property
- The location of existing impervious (hard) surfaces
- The location of any proposed area of hard surface
- The location of any proposed treatment measures.
- The location of any septic system if applicable.

All elements must be appropriately labelled.
The Yarra Ranges Council Geographical Information Systems Repository *www.yarraranges.vic.gov.au/eServices/Online_Maps* can provide quality aerial photographs that can be used as the basis for your plan. Please refer to the example below for the type of plan to be submitted to Melbourne Water.

☐ Tick here to confirm a separate site plan has been attached to this application.

Stormwater treatment measures:

Provide details on each of the systems you will use to treat the additional stormwater created by the works proposed for your property. As a guide, the minimum sizes required for each treatment option are provided in Table 1 (overleaf).

Informal drainage *(Runoff that drains into grass or other pervious surface)*	Area of garden (m^2)	Area of roof or paving (m^2) informally drained	
Rainwater tank	Size of tank (L)	Area of roof (m^2) connected to tank	
Raingarden	Size (m^2)	Does the rain-garden receive overflow from a tank? ☐ Yes ☐ No	Area of roof or paving (m^2) draining directly to raingarden (if applicable)
Infiltration trench	Size (m^2)	Does the infiltration trench receive overflow from a tank? ☐ Yes ☐ No	Area of roof or paving (m^2) draining directly to infiltration trench (if applicable)
Porous paving	Area of porous paving (m^2)	Area of roof or paving (m^2) directly on to porous paving	
Other treatment system	Provide details:		

SRS score:

Date of consultation: _____

Name of assessor: _____

Signature of assessor: _____

Name of applicant: _____

Signature of applicant: _____

Table 1 Standard treatment systems deemed to satisfy minimum stormwater retention score of 6.

The following table demonstrates the sizes of the various stormwater treatment options that are based on the applicable impervious area. For example, if your development creates 50m² of impervious area and you propose to only build a raingarden (option 5), the size of the raingarden will need to be 2m² to satisfy the **minimum** stormwater retention score.

	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6	Option 7
Impervious area (m²)	3000 litre tank to toilet overflow to raingarden (m²)	3000 litre tank to toilet and washing overflow to raingarden (m²)	3000 litre tank to toilet overflow to trench (m²)	3000 litre tank to toilet and washing overflow trench (m²)	Raingarden only (m²)	Infiltration trench only (m²)	Permeable pavement* (m²)
10	1	1	1	1	1	1	3
50	1	1	2	1	2	3.5	3
100	1	1	4	2	4	7	6
150	2	1	9	3	5	11	7
200	3	1	13	5	5	15	9
250	4	2	17	7	6	19	12
300	5	2	22	9	7	21	15
350	6	3	29	13	9	25	18
400	7	4	35	19	11	29	21
450	8	5	41	25	13	33	24

**Impervious surface must drain into pervious paving.*

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