

19.03-3L

19/06/2020
C193moon

Integrated water management

Strategies

Naturalise the Moonee Ponds Creek stormwater drain by increasing surface permeability, improving water run-off quality and through flood mitigation measures.

Promote the role of vegetation in managing the quality and quantity of stormwater.

Maximise opportunities to connect open space as part of the overall drainage network.

Policy document

- *Moonee Valley WSUD Guidelines* (Moonee Valley City Council and Melbourne Water, 2011).

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Water sensitive urban design

Policy application

This policy applies to applications for the construction or extensions to a dwelling that results in 50 square metres or greater of gross floor area.

This policy does not apply to an application for:

- A subdivision of an existing building.
- A rainwater tank.
- A fence.
- A domestic swimming pool or spa.
- A pergola or verandah, including an open-sided pergola or verandah to a dwelling with a finished floor level not more than 800 millimetres above ground level and a maximum building height of 3 metres above ground level.
- A deck, including a deck to a dwelling with a finished floor level not more than 800 millimetres above ground level.
- Non-domestic disabled access.
- Externally altering a building by structural work, rendering, sandblasting or in any other way that does not result in an increase in floor area.
- Constructing or displaying a sign.
- Externally painting a building.
- Externally painting an unpainted surface.
- Internally altering a building.
- Carrying out repairs or routine maintenance which change the appearance of a heritage place.
- The construction or extension of an outbuilding normal to a dwelling.
- Removal, destruction or lopping of vegetation.

Objectives

To promote the use of water sensitive urban design, including stormwater re-use.

To mitigate the detrimental effect of development on downstream waterways, by the application of best practice stormwater management through water sensitive urban design.

Strategies

Improve the quality of stormwater and reduce the flow of water discharged to waterways, including through:

- Collection and reuse of rainwater and stormwater on site.
- Vegetated swales and buffer strips.
- Rain gardens.
- Water recycling systems.
- Directing flow from impervious ground surfaces to landscaped areas.

Use measures to prevent litter being carried off-site in stormwater flows, including:

- Waste enclosures and storage bins.
- Litter traps for developments with the potential to generate significant amounts of litter.

Incorporate vegetation on buildings where practicable (to be irrigated with rainwater/stormwater) to promote the role of vegetation on buildings in managing the quality and quantity of stormwater.

Policy guidelines

Consider as relevant:

- Best practice water quality performance objectives as set out in the *Urban Stormwater Best Practice Environmental Management Guidelines*, (CSIRO, 1999).
- The following tools (or equivalent):
 - Melbourne Water's STORM Calculator.
 - Model for Urban Stormwater Improvement Conceptualisation (MUSIC).
- Opportunities for water conservation and reuse that influence the use of water sensitive urban design.
- The level of ongoing management required to achieve and maintain the desired stormwater quality measures that will be used during the construction phase to prevent a loss of stormwater quality as a result of building activities, such as silt traps.

Policy documents

Consider as relevant:

- Moonee Valley Water Strategy (Moonee Valley City Council, 2011)
- Moonee Valley WSUD Guidelines (Moonee Valley City Council and Melbourne Water, 2011)
- Water Sensitive Urban Design – Engineering Procedures: Stormwater, Melbourne Water (CSIRO Publishing, 2005)

Expiry

This policy will expire when superseded (as determined by the Minister for Planning) by Water Sensitive Urban Design provisions in the Victoria Planning Provisions or the Building Code of Australia Regulations, whichever happens first.