

# Draft Stormwater Management Plan

## Brownhill Keswick Creek



A Draft Stormwater Management Plan (the Draft Plan) has been developed to reduce the impact of major flooding across the catchment of the Brownhill, Keswick, Glen Osmond and Parklands Creeks that flow through the Cities of Adelaide, Burnside, Mitcham, Unley and West Torrens.

## Drainage Works at Fullarton, Millswood, Forestville and Ashford

Proposed drainage works at Fullarton, Millswood, Forestville and Ashford that form part of the Draft Plan involves construction of underground drainage systems to convey stormwater. Drainage systems would typically be in the form of pipes or box culvert (a rectangular shaped underground drainage conduit that carries stormwater flows).

The Draft Plan recommends two types of drainage works to help reduce flooding in the catchment: **high flow bypass works** and **diversion works**.

A **high flow bypass culvert system** conveys part of the stormwater flow from a creek, and then returns the flow back into the creek further downstream. This avoids creek overflows at particular flood prone locations.

**Diversion culverts** direct stormwater flow from one creek channel into another. The Draft Plan proposes to divert flow from Keswick Creek to Brown Hill Creek at two locations:

### Culvert location

Along Fisher Street, Fullarton, from Wycliff Street and into Windsor Street (see **1** below)

From Malcolm Street, Millswood to Forestville Reserve, via Vardon Street, Goodwood Road, Arundel Avenue, Chelmsford Avenue, Oakley Avenue, Victoria Street and Foster Street (see **2** below)

From Le Hunte Street, Wayville to Anzac Highway via Leader Street (see **3** below)

Anzac Highway, Ashford (see **4** below)

### Likely form of drainage infrastructure

- Subject to further engineering design
- All infrastructure would be located underground

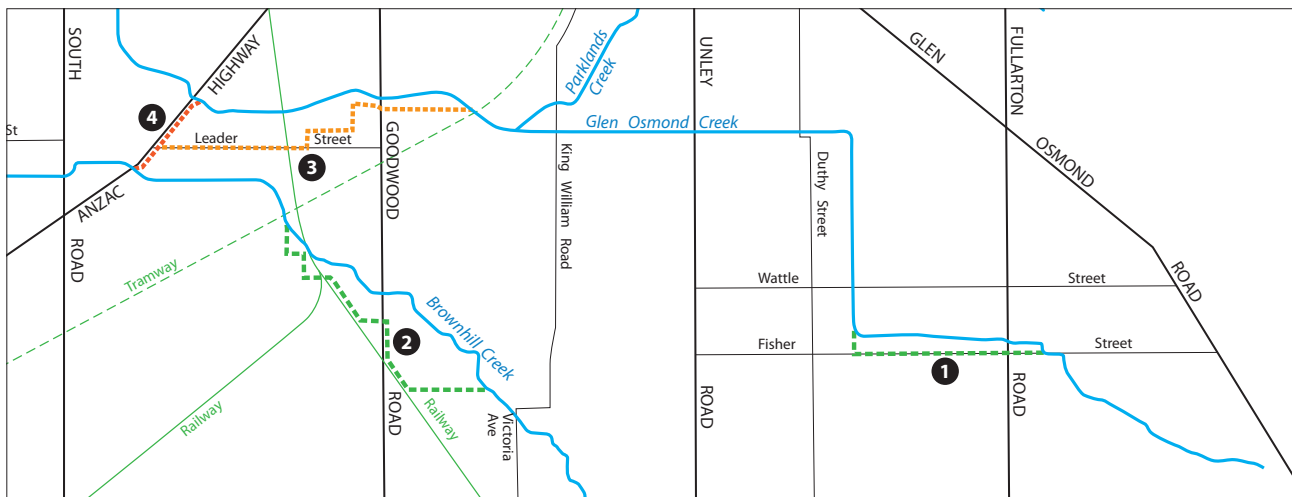
**Part pipe** – approximately 1.8 metres diameter

**Part box culvert** – approximately 3.5 metres wide and 1 metre high  
Length of system approximately 1,100 metres

**Box culvert** – approximately 1.8 metres wide and 1.5 metres high  
Length of system approximately 1,670 metres

**Box culvert** – approximately 3.3 metres wide and 1.5 metres high  
Length of diversion approximately 2,000 metres

**Box culvert** – approximately 3 metres wide and 1.5 metres high  
Length of diversion approximately 500 metres



## My property is near these drainage works – what does this mean for me?

Impacts of drainage works are expected to be limited to during construction activity when potential disruptions may include noise from vehicles and machinery, dust from excavations, and temporary traffic restrictions.

Creeks within the catchment flow very close to, and in many cases through private property. Where flood mitigation works identified in the Draft Plan are proposed to be undertaken in these locations, property owners will be kept informed as these proposals are developed and any potential for impact on private property is better understood.

For thousands of properties within the Brownhill and Keswick Creek catchment the proposals in the Draft Plan will significantly reduce the risk of flooding.

## More Information

From Monday 31 October to Monday 12 December 2011 members of the public are invited to provide feedback on the Draft Plan. Feedback collected will be considered in finalising the Draft Plan.

More information including the complete Draft Stormwater Management Plan can be found online by following the link on the City of Unley website [www.unley.sa.gov.au](http://www.unley.sa.gov.au), and can be viewed in hard copy at the offices of the Cities of Adelaide, Burnside, Mitcham, Unley and West Torrens.

### Open Days

The following Open Days will provide another opportunity to learn more about the Draft Stormwater Management Plan. Drop in anytime during the times listed below to view display information and ask questions about the Draft Plan.

Date	"Drop in" between:	Location
Thursday 17 November 2011	5.00pm – 9.00pm	Unley Town Hall, 181 Unley Road, Unley
Saturday 19 November 2011	11.00am – 3.00pm	City of Mitcham Civic Centre 131 Belair Road, Torrens Park
Tuesday 22 November 2011	4.00pm – 8.00pm	George Robertson Room, City of West Torrens Civic Centre, 165 Sir Donald Bradman Drive Hilton

Any questions about the community consultation process can be directed to your local catchment council: Adelaide, Burnside, Mitcham, Unley or West Torrens.