

# Draft Recommendations

Draft recommendations, their costs and benefits for Stockport are summarised below.

Recommended measures	Preliminary construction cost estimate (program contribution)	Benefits	
		Number of properties protected	Other
Stormwater and flooding measures: <ul style="list-style-type: none"> <li>Create levee along western bank of river upstream from bridge on Murray Street. Raise deck of bridge on Barrier Hwy and widen river channel by 8m to achieve a channel top width of 12m. Ensure local runoff can pass through levee without backflow with the use of one way pipes.</li> </ul>	\$2,000,000	31	
<ul style="list-style-type: none"> <li>Modify detention basin to the east of the township, provide levee along Smith St and eastern side of the railway line, as well as around property to the south west of the basin, provide orifice at culverts under railway line, create swale along eastern side of the railway line, and upgrade culverts on Watts Terrace and Murray Street. Formalise roadside swale and provide culverts/road crossing on Gardiner Terrace.</li> </ul>	\$400,000	11	
<ul style="list-style-type: none"> <li>Provide roadside swale on Smiths Road and Murray Street, as well as the corresponding culvert crossings at road intersections. Supply driveway crossovers on Murray Street to entrance to properties where swale has been proposed. Provide additional culvert and headwall on western side of Murray street, at low lying location near intersection of this road with Range Road.</li> </ul>	\$200,000	11	
Regular maintenance of stormwater drainage infrastructure	\$5,000 (ongoing cost)		An effective drainage system.
Establishment of a flood warning system for the Gilbert River	\$30,000		Provides a warning for flood events which provides time for preparation and therefore reduces the risk and impact of flooding.
Enforcement and inclusion of flood maps in Council's Development Plan			Reduced risk and cost of flooding to properties and people.
Community education program - e.g. Floodsafe (Community/education officer role and associated materials)	\$10,000		Build the capacity of the community to prepare for floods as well as reduce risk of flooding. Gain community support for stormwater management measures. Improve the community's sense of worth and feeling of security.

# Stockport Stormwater Management Plan

## Community Feedback

Please complete this form by **MONDAY 26<sup>th</sup> MAY 2014** and return to:

Any of the Council offices at Clare, Riverton or Saddleworth or email to [admin@cgvc.sa.gov.au](mailto:admin@cgvc.sa.gov.au)

Stormwater management plans are being prepared for the towns of **Stockport, Tarlee, Riverton, Rhynie, Saddleworth, Mintaro and Manoora**. A range of suggested stormwater management measures have been developed based on the earlier flood mapping, community consultation and technical studies. These are summarised on the following pages. We want your feedback on these draft recommendations.

**Your local knowledge and feedback is important!**

Do you think the suggested measures address the stormwater and flooding issues?

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Do you think the suggested measures address the water quality, local amenity and reuse issues?

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Are there any issues that Council should be aware of in implementing the measures?

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What are the most important measures to implement?

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Do you have any further suggestions or comments?

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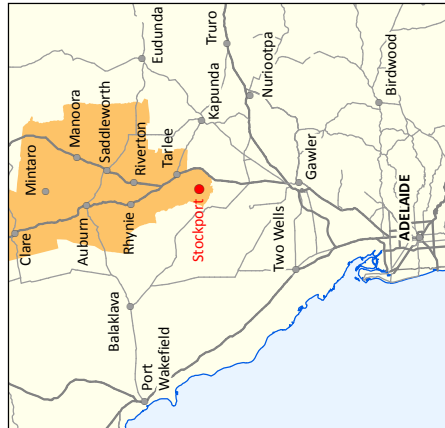
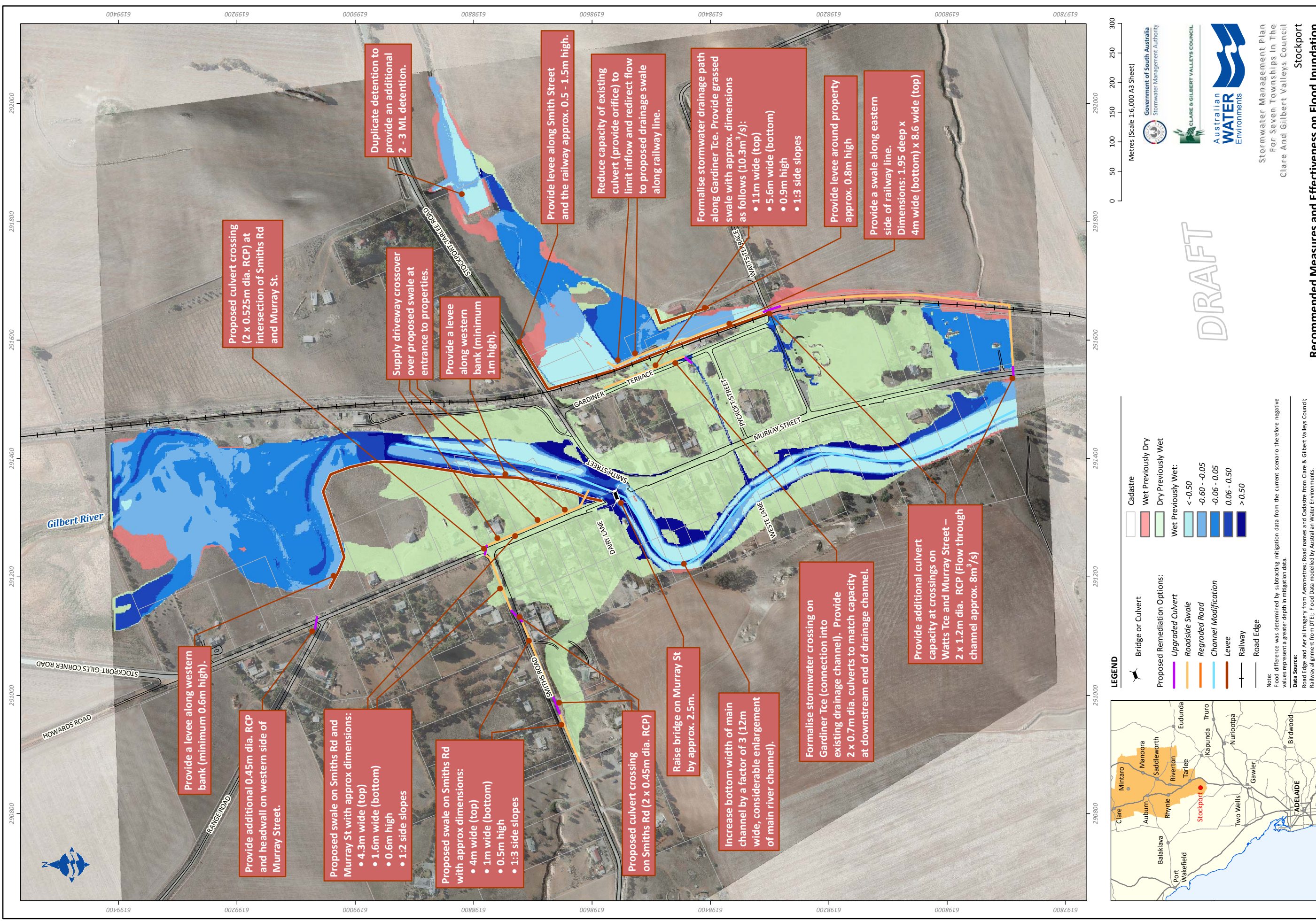
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Your feedback will help to prioritise the recommendations and in finalising the Plan. Suggested measures will be considered as part of a Council wide strategy aiming to provide equity across the Council township areas.



Your contact details (optional):.....



**LEGEND**

Cadastre  
 Wet Previously Dry  
 Dry Previously Wet  
 Wet Previously Wet  
 < -0.50  
 -0.60 - -0.05  
 -0.06 - 0.05  
 0.06 - 0.50  
 > 0.50

Bridge or Culvert  
 Proposed Remediation Options:  
 Upgraded Culvert  
 Roadside Swale  
 Regraded Road  
 Channel Modification  
 Levee  
 Railway  
 Road Edge

Note: Flood difference was determined by subtracting mitigation data from the current scenario therefore negative values represent a greater depth in mitigation data.

Data Source: Aerial imagery from Aerometrex; Road names and Cadastre from Clare & Gilbert Valleys Council; Road Edge and Aerial Imagery from DFEI; Flood Data modelled by Australian Water Environments.

Government of South Australia  
 Stormwater Management Authority  
 CLARE & GILBERT VALLEYS COUNCIL  
 Australian Water Environments  
 Stormwater Management Plan  
 For Seven Townships in The  
 Clare And Gilbert Valleys Council  
 Stockport

Metres (Scale 1:6,000 A3 Sheet)

0 50 100 150 200 250 300

DRAFT

**Recommended Measures and Effectiveness on Flood Inundation**

Figure X-X