

PUBLIC EXHIBITION FACTSHEET

DRAFT PENRITH CBD CATCHMENT FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

HAVE YOUR SAY

You are invited to have your say about the Draft Penrith CBD Catchment Floodplain Risk Management Study and Plan, which is on public exhibition from **Thursday 14 November to Thursday 12 December 2019**.

You can view the draft study online at:

- www.Penrith.city/fps and click on the catchment area tab
- yoursaypenrith.com.au

In person at:

- Penrith Library and Civic Centre
601 High Street, Penrith,

COMMUNITY DISPLAY

You are warmly invited to attend an information session that will be held at:

Penrith Library Theatre, Wednesday 27 November 2019, from 6-8pm

601 High Street, Penrith.
Presentation starts at 6:30pm.

We encourage you to come along to view the material in more detail and take the opportunity to ask Council's staff and the consultants any questions as well as provide your feedback about the draft report and its recommendations

SUBMISSIONS

You can submit your comments in writing, addressed to the General Manager and titled **'Penrith CBD Catchment Floodplain Risk Management Study and Plan - Public Comment'** by:

Email: council@penrith.city

or

Mail: Penrith City Council
PO Box 60 Penrith
NSW 2751

or

In person: Penrith Civic Centre.

Submissions close:
5pm Thursday 12 December 2019.

FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN PROCESS



BACKGROUND AND STUDY AREA

As part of its city wide Floodplain Risk Management program, Penrith City Council has engaged engineering consultant Molino Stewart to prepare and develop the Floodplain Risk Management Study and Plan for Penrith CBD Catchment. The catchment covers the Penrith CBD bounded by the Main Western Railway Line to the north, The Northern Road / Parker Street to the east, Jamison Road to the south and Mulgoa Road to the west.

The study is prepared under the guidance of the Penrith City Floodplain Management Committee. The Committee includes representatives from the local community, Councillors, Council staff, neighbouring councils and state agency representatives including the State Emergency Services (SES), the Department of Planning, Industry and Environment, and Infrastructure NSW. The study and plan are prepared in accordance with the NSW Flood Prone Land policy and the process outlined in its supporting manual.

At the start of the study in April 2018, we consulted with the community to identify options for reducing the impacts of flooding on existing development and to prepare guidelines for future development in accordance with best floodplain management principles. The previous feedback was used Management Study and Plan. This aims to reduce the flood risk and minimise the long-term impact of flooding on the community, by recommending appropriate management measures. The proposed measures in the draft plan are provisionally prioritized based on their economic, social and environmental benefits and their feasibility.

Altogether 20 measures are recommended in three groups:

• Property modification measures

Modifications to individual properties such as flood proofing, and the adoption of development control policies.

• Response modification measures

Modifying the way emergency responses are currently handled (by organisations such as the SES, Police, Fire and Ambulance) and improving community awareness and education about flooding.

• Flood modification measures

Structural works (e.g. stormwater drainage upgrade, construction of detention basins, creek rehabilitation, and earthworks) to change flood behavior and reduce direct flood damage.

RECOMMENDED FLOOD MANAGEMENT MEASURES FOR IMPLEMENTATIONS

The recommended options for implementation are outlined below, together with their measure numbers as listed in the Floodplain Risk Management and Study Report.

Property modification recommendations

- Update Penrith Development Control Plan (DCP) 2014 to:
 - include comprehensive set of flood maps;
 - generate flood risk addressing mainstream and overland flood risks;
- Update the Penrith LEP 2010 to include provision for variable flood planning levels.

Response modification recommendations

- Improvements to emergency response planning.
- Implement a flood awareness and education program.
- Revising wording and format of Section 10.7 Planning Certificates to better communicate flood risks to property owners.

Flood modification recommendations (refer to attached map)

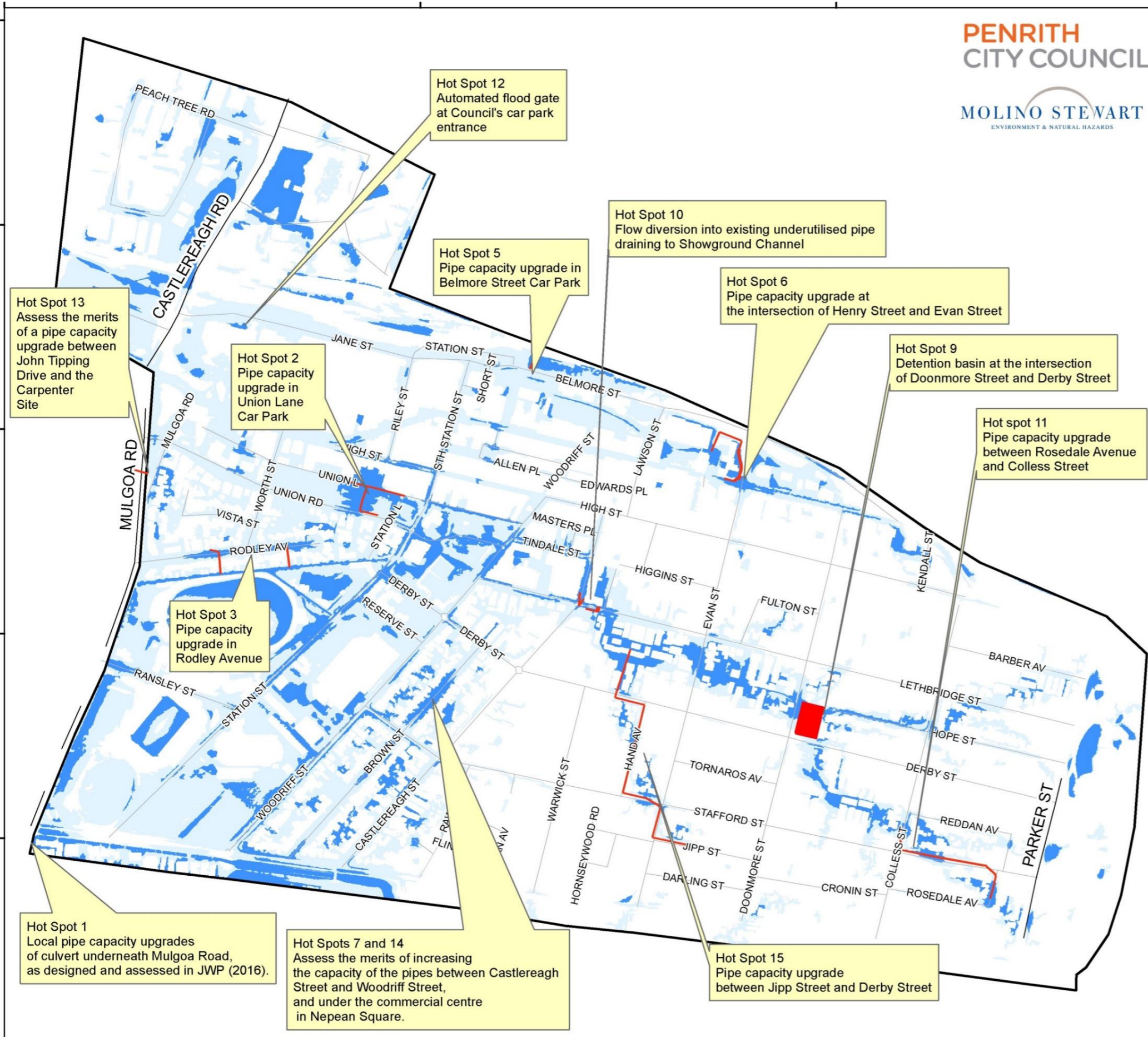
- Flow diversion to existing pipe draining to Showground Channel at Lethbridge and Castlereagh Streets.
- Construction of a detention basin at the corner of Doonmore and Derby Streets.
- Upgrade stormwater drainage system at Union Lane Car Park.
- Upgrade stormwater drainage system at Jipp Street to Derby Street.
- Upgrade stormwater drainage system at Rosedale Avenue to Colless Street.
- Upgrade culvert capacity at Mulgoa Road and Jamison Road intersection.
- Undertake feasibility study to upgrade stormwater drainage system between Castlereagh and Woodriff Streets.
- Upgrade stormwater drainage system at Evan Street and Henry Street.
- Upgrade stormwater drainage system at Rodley Avenue.
- Upgrade stormwater drainage system at Belmore Street car park
- Undertake feasibility study to upgrade stormwater drainage system between John Tipping Drive and Mulgoa Road
- Upgrade the manual flood gate at Council's car park entrance at Jane Street with an automatically operated gate.

FOR MORE INFORMATION ABOUT THE STUDY, CALL MR MYL SENTHILVASAN ON 4732 7777

CATCHMENT AREA AND RECOMMENDED WORKS

PENRITH
CITY COUNCIL

MOLINO STEWART
ENVIRONMENT & NATURAL HAZARDS



Mitigation Options

Catchment - Wide Options:

Property Modification:

- Acknowledge and address flood risk through redevelopment where possible;
- Use locality specific development controls to reduce risk to life and property;
- Review the DCP (PDCP 2014);
- DCP to include comprehensive set of flood maps;
- DCP to generate flood risk zoning addressing mainstream and overland flood risks;
- DCP to use controls reliant on the adoption of multiple FPLs in the LEP;
- Consider amending the LEP to include variable FPLs;
- Consider applying for "exceptional circumstances" to ensure variable FPL is consistent with 2007 Flood Planning directive

Response Modification:

- Council to provide the NSW SES with information on risks to people, property and duration of road closure caused by local flooding so that these can be implemented in the development of the new Penrith CBD Local Flood Plan;
- Council to work with the NSW SES to encourage the preparation of Emergency Response Plans for businesses and households where appropriate;
- Council to work with the NSW SES to develop and implement a community education strategy to encourage appropriate responses.

- Study Area
- 1% AEP Flood Extent
- PMF Extent
- Flood Modification

0 0.25 0.5 Km



Coordinate System: UTM Zone 56