



# EMU PLAINS FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN

## INFORMATION SHEET

### INTRODUCTION

In 2020, Penrith City Council completed a detailed overland flood study for the Emu Plains study area, which includes the suburbs of Emu Plains, Emu Heights and Leonay. The extent of the study area is shown on the following page. Council is now preparing a Floodplain Risk Management Study and Plan for the catchment, and we would like your help. The Study and Plan will inform us about the flood management measures needed and help us to plan for and manage known flood risks. Sound flood management based on local knowledge will help Council reduce flood damage, enhance resilience and improve social and economic opportunities.

Council has appointed engineering consultants Catchment Simulation Solutions to prepare the Study and Plan. The project will be overseen by the Penrith Council Floodplain Risk Management Committee and has received financial and technical support from the State Government under its Floodplain Management Program.

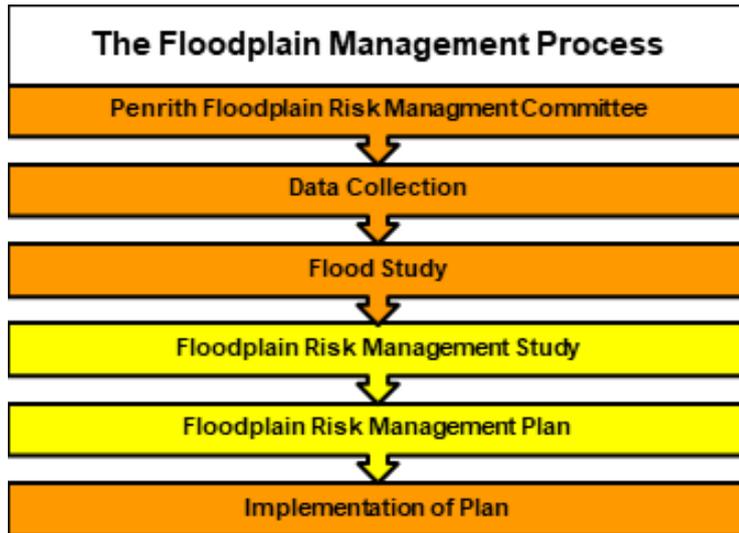
Please note that this study is focused on local overland flooding rather than flooding from the Nepean River. A separate Nepean River Floodplain Risk Management Study and Plan is being completed in parallel to the Emu Plains project.

### WHY HAVE A FLOODPLAIN RISK MANAGEMENT STUDY AND PLAN?

The Penrith Local Government Area is dominated by rivers, creeks and waterways and has wide floodplains. The risk of flood is real, and Council wants to ensure proper plans are in place in accordance with the NSW Government Flood Prone Land Policy.

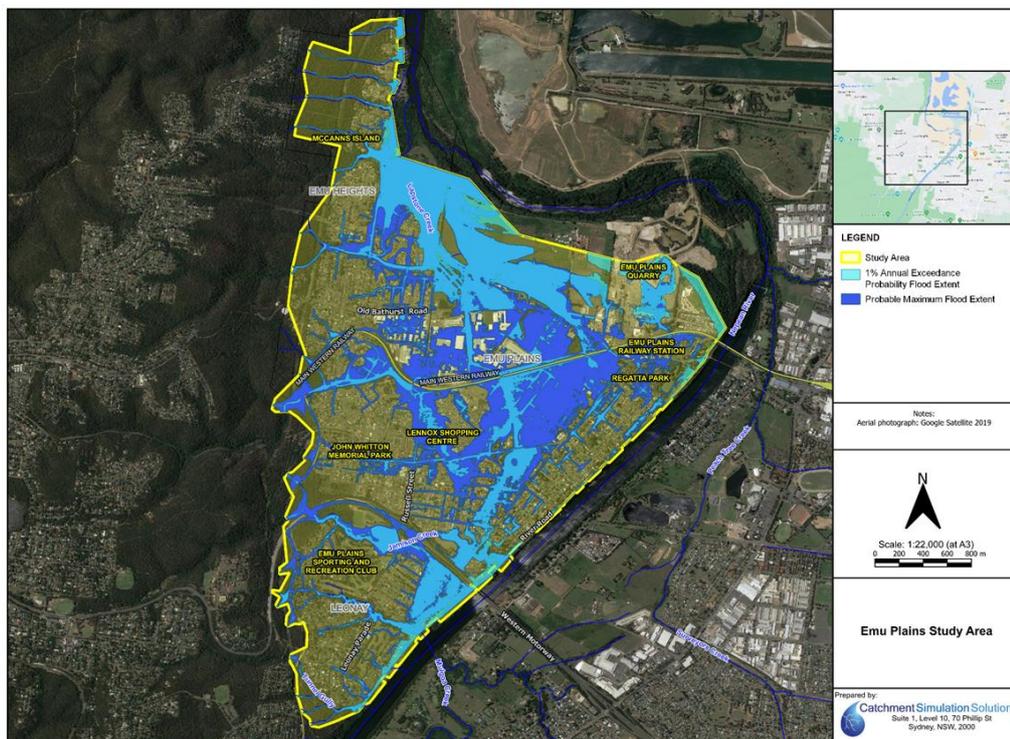
The policy sets out the staged process we are following, including data collection, a flood study, a floodplain risk management study and plan, and the implementation of the plan. Council is now starting the floodplain risk management phases for the Emu Plains study area as highlighted in yellow below.

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PO Box 60, Penrith  
NSW 2751 Australia  
T 4732 7777  
F 4732 7958  
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The Floodplain Risk Management Study identifies and evaluates measures that could be incorporated into the Floodplain Risk Management Plan to reduce the risk and cost of flooding to the community, as well as assist with emergency management and guide future development. The process also looks at making the community more resilient including preparation, education and evacuation.

### MAP OF STUDY AREA UNDER CONSIDERATION



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## WHAT'S INVOLVED IN PREPARING A FLOODPLAIN RISK MANAGEMENT STUDY?

A considerable amount of work goes into preparing a Floodplain Risk Management Study and Plan, including:

- identifying areas at risk of flooding using computer modelling (completed in the 2020 flood study) and from information provided in the community questionnaire.
- identifying and assessing a range of options for managing flood risk, such as modifying creek channels, detention basins, stormwater upgrades, constructing levees, enforcing planning controls for new development, and planning for evacuation, education, and awareness.
- analysing the options, considering environmental, social and economic benefits, as well as their potential to reduce flood risk.
- preparing a Floodplain Risk Management Study Report, which summarises the outcome of all stages of the investigation and makes recommendations to be carried forward to the Floodplain Risk Management Plan.

## HOW CAN YOU BE INVOLVED?

Your local knowledge and personal experience of living in the area is invaluable when identifying flood 'trouble spots' and developing floodplain risk management measures that are practical, comprehensive and effective.

The study team will consult with the community in two stages:

1. **Questionnaire** – Please complete the questionnaire included with this information sheet and share with us your experiences of local flooding and opinions on flood management options. This study is focusing on the local and overland flooding.
2. **Community drop-in session** – once the draft Floodplain Risk Management Study report is prepared, a community drop-in session will be held to give you an opportunity to review the report and ask questions about the flood management options investigated. Any comments and feedback received during this



community drop-in session will be reviewed and addressed as part of the final report.

### STAY UP TO DATE

Penrith City Council's website will be updated throughout the study and plan process to provide the latest information including details of the community consultations. Visit the Flood Management page at <https://www.penrithcity.nsw.gov.au/services/other-services/floodplain-management>

### MORE INFORMATION

If you have any questions or would like to submit any information you think may be helpful to the study, please contact:

#### **Habib Rehman – Penrith City Council**

PO Box 60, Penrith NSW 2751

Phone: 4732 8650

Email: [habib.rehman@penrith.city](mailto:habib.rehman@penrith.city)

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