

November 2020

# Community Information

Ku-ring-gai Council is calling on residents and business owners to share their ideas on flood management in the Middle Harbour - Northern Catchments.

The area consists of two catchments. These include Middle Harbour Creek (and associated tributaries) in St Ives and Rocky Creek (including Stoney Creek and High Ridge Creek) in Gordon/East Killara which flow into Middle Harbour.

This study will build on previous investigations and provide a holistic assessment of flooding and overland flow in the study area. It is being prepared to meet the objectives of the NSW Government's Flood Prone Land Policy.

BMT, an engineering consultant specialising in this field, has been engaged by Ku-ring-gai Council to undertake the study. The NSW Department of Planning Industry and Environment is providing financial and technical assistance.

## Potential flood risks

Flooding within the Middle Harbour - Northern Catchments is caused primarily by significant rainfall causing overland flooding. Overland flows are typical in urban environments where it is not feasible to design stormwater drainage to capture very large and infrequent flood events.

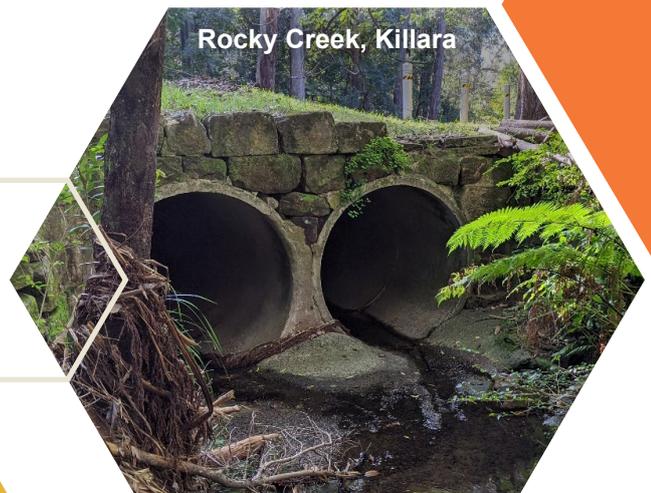
The Flood Study will assess flooding behaviour in the catchment to identify the worst-case conditions for a range of flood events. The study will also consider the potential flooding impacts of climate change, from both sea level rise and increased rainfall intensity, in line with current NSW government policy and best practice.

## Key study outputs

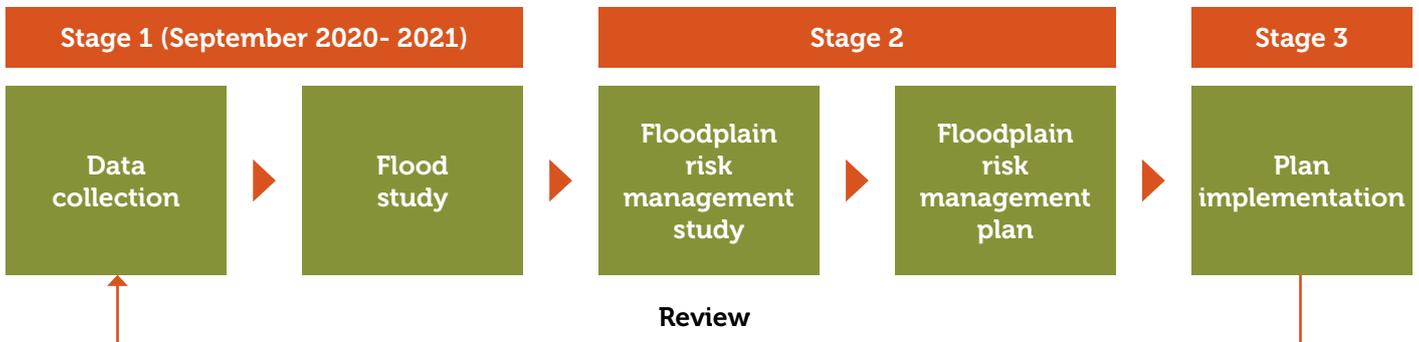
At the core of the study will be the development, calibration and verification of detailed computer models of the catchment to simulate flood behaviour. Historical flood information such as rainfall, peak water levels, flooded property details and more will be used to ensure the computer models are representative of catchment behaviour.

The flood study results will assist Council in:

- Setting appropriate levels for development control;
- Identifying potential works to reduce existing flooding; and
- Improving flood emergency response and recovery.



## NSW Floodplain Risk Management Process



The current project represents the first stage in the NSW Floodplain Risk Management Process which includes data collection and the preparation of a flood study to define existing flood behaviour.

### Get involved

Your involvement is essential to the success of the study. It helps us to improve decision making, identify local concerns and inform the community about the consequences of flooding and potential management options.

Please take a few minutes to complete and return the survey at [kmc.nsw.gov.au/floodrisk](http://kmc.nsw.gov.au/floodrisk)

If you would like a printed copy of the survey mailed to you please contact the Council.

A number of community information sessions will be held next year to present the initial flood modelling results. The sessions will provide details about existing and future flood risks and are for you to share your ideas and concerns for flood management in the Middle Harbour Northern Catchments.

### Further information

For more information please visit [kmc.nsw.gov.au/floodrisk](http://kmc.nsw.gov.au/floodrisk) or contact:

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