

Lane Cove – Northern Catchments Flood Study

January 2022

Community Information

Ku-ring-gai Council is calling on residents and business owners to share their experiences of flooding.

The study area includes Coups Creek, Water Dragon Creek, Peppermint Creek, Avondale Creek and Quarry Creek as well as smaller tributaries of Lane Cove River.

These waterways are in the suburbs of Wahroonga, Warrawee, Turramurra, South Turramurra, Pymble and West Pymble.

Input from the public will help provide a holistic assessment of flooding in the area. A flood study will then be prepared to meet the objectives of the NSW Government's Flood Prone Land Policy.

WMAwater has been engaged by Ku-ring-gai Council to undertake the study. The NSW Department of Planning and Environment is providing financial and technical assistance under the floodplain management program.

Potential flood risks

Flooding within the area is mainly caused by rainfall and overland flooding. Overland flows occur when stormwater drainage cannot contain very large infrequent flood events.

The study will assess flooding and identify worst-case flood conditions. The study will also consider the potential impacts of increased rainfall intensity caused by climate change.

Key study outputs

The study will rely on detailed computer models of the catchment to simulate flood behaviour. Historical flood information such as rainfall, peak water levels and flooded property details will ensure the computer models represent real catchment behaviour.

The flood study results will assist Council to:

- Ensure new development is compatible with any flood hazard and does not create additional flooding problems.
- Identify potential works to reduce existing flooding.
- Improve flood emergency response and recovery.



NSW Floodplain Risk Management Process



Data collection and the preparation of a flood study is the first stage in the NSW Floodplain Risk Management process. The other stages are outlined above.

Get involved

We are asking the public for information such as photos and observations of flooding behaviour, especially peak flood extents and levels.

Please complete a short survey at krg.nsw.gov.au/floodrisk

If you would like a printed copy of the survey mailed to you please contact Sophia Findlay at floodriskmanagement@krg.nsw.gov.au or call 9424 0853.

Please return your survey before 4 March 2022.

If you have any questions please refer to krg.nsw.gov.au/floodrisk or contact:

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