

Camden Council is undertaking an overland flow study of the Narellan Creek Catchment

We are seeking your assistance with the gathering of information about localised flooding

The information shared will help us to:

- Confirm the location of flooding problems and identify where flood mitigation measures (e.g. stormwater upgrades) may be best implemented to reduce the impact of flooding on the community;
- Assist with emergency management and guide future development and re-development so that it is compatible with the flood risk; and
- Guide the development of a computer flood model of Narellan Creek Catchment. This computer model will be used to simulate the movement of floodwater across the catchment for a range of flood sizes.

Please help us out...

People with experience of flooding in the Narellan Creek Catchment are invited to share photos, records, and recollections in the following ways:

- Chat with us at a **community drop-in session** held on Wednesday 21 June 2023 from 1pm to 4pm in Red Gum Meeting Room at Narellan Library, corner Queen and Elyard Streets, Narellan.
- Join an **online information session** on Wednesday 21 June 2023 from 6pm to 7pm. RSVP using the QR code or visit yourvoice.camden.nsw.gov.au
- Complete and return the enclosed survey with the reply paid envelope by 3 July 2023.
- Complete the survey online and submit flood photos and videos by 3 July 2023 by visiting yourvoice.camden.nsw.gov.au.

The survey should only take about 10 minutes to complete. Please try and answer as many questions as you can and give as much detail as possible (attach additional pages if necessary).

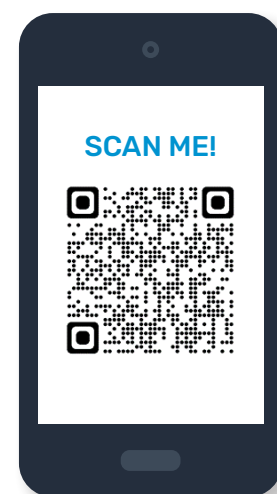
Further Information

Camden Council has engaged flood specialists, Catchment Simulation Solutions, to prepare a detailed overland flow study for the Narellan Creek catchment.

This project is supported by the NSW Government's Floodplain Management Program.

If you have any questions or require assistance with providing information, please contact David Tetley, Catchment Simulations Solutions on 02 8355 5501 or the Floodplain Management Team at Camden Council on 02 4654 7777 or mail@camden.nsw.gov.au.

For translation assistance please contact the Australian Government Translating and Interpreting Service on 131 450 and ask them to ring Camden Council on 02 4654 7777.



Learn more, share images or complete the survey online at yourvoice.camden.nsw.gov.au - or scan the QR code.



1. Please identify the property you are providing flood information about:

Property address:

Suburb:

2. What type of property is this?

☐ Residential

☐ Commercial

☐ Industrial

☐ Vacant Land

☐ Other (please specify below):

3. What is the occupier status of this property?

☐ Owner occupied

☐ Rental property

☐ Business

☐ Other (please specify below):

4. How long have you lived, worked or owned property in the area?

At this address:

In the general area:

5. Has this property ever been affected by flooding?

☐ Yes ☐ No (*go to Question 8*)

6. How were you affected by flooding?

☐ Roadway was cut by water

☐ My front/back yard was flooded

☐ My garage was flooded

☐ My house/business was flooded above floor level

☐ Other (please specify below):

7. Please share your recollection or records on past floods.

Flood #1

Date of flood:

☐ July 2022

☐ March 2022

☐ March 2021

☐ June 2016

☐ January 2013

☐ February 2008

☐ February 2007

☐ Other (please specify)

Describe the flood water depth/height and location:

How confident are you of your depth/height of flood description?

☐ High confidence (exact record)

☐ Medium confidence (within 10cm)

☐ Low confidence (within 50cm)

If your property was damaged by flood waters, please provide details:

In your opinion, what were the main causes of the flooding (you can select more than one)?

☐ Insufficient creek capacity

☐ Insufficient stormwater capacity

☐ Blockages of creeks, stormwater inlets, bridges or drains

☐ Overland flow impediments (e.g. fences, buildings)

☐ Other (please specify below)

Please attach additional pages if you have information for more than two floods.

Flood #2

Date of flood:

☐ July 2022

☐ March 2022

☐ March 2021

☐ June 2016

☐ January 2013

☐ February 2008

☐ February 2007

☐ Other (please specify)

Describe the flood water depth/height and location:

How confident are you of your depth/height of flood description?

☐ High confidence (exact record)

☐ Medium confidence (within 10cm)

☐ Low confidence (within 50cm)

If your property was damaged by flood waters, please provide details:

In your opinion, what were the main causes of the flooding (you can select more than one)?

☐ Insufficient creek capacity

☐ Insufficient stormwater capacity

☐ Blockages of creeks, stormwater inlets, bridges or drains

☐ Overland flow impediments (e.g. fences, buildings)

☐ Other (please specify below)

Please attach additional pages if you have information for more than two floods.

8. Do you have any other comments, information or suggestions you think may assist the study?

8. Can we contact you to obtain additional information and/or clarify any of your responses?

☐ Yes

☐ No

Contact Details:

Providing contact details is optional but will assist us in identifying where flooding problems have been experienced and to contact you if we need to clarify any of your responses.

If you choose to provide contact details this information will remain confidential at all times and will not be published.

Name:

Address:

Phone Number:

Email Address:

Please return the completed survey by Monday 3 July 2023 via the reply paid envelope provided.

To complete the survey online, scan the QR code located on the front page of this survey.

Frequently Asked Questions (FAQ)

Why is the flood study needed?

Flooding is the most costly form of natural disaster in Australia, causing an estimated \$314 million worth of damage each year. It is also one of the most manageable natural disasters as we can reasonably predict which areas it will impact.

During most rainfall events, runoff is carried by stormwater systems into various creeks. However, during periods of heavy rainfall, there is potential for the capacity of the stormwater system (underground pipes) to be exceeded and lead to overland flooding. Overland flooding was recently experienced across parts of the catchment in February 2020, March 2021, March 2022, and July 2022.

Overland flooding can cut roadways and inundate properties. This can result in damage to homes, sheds, and businesses, can place lives at risk and impose a significant financial and emotional burden on individuals and businesses.

What flood studies have already been prepared?

Camden Council has completed a range of flood-related investigations including the Updated Narellan Creek Flood Study (2017) which represented major trunk drainage pipes. The full stormwater system was not included and, as a result, overland flooding was not well represented. Large areas of the catchment have also undergone significant development meaning the previous studies no longer provide the best possible understanding of the flood risk across all parts of the catchment.

Learn more, share images or complete the survey online at yourvoice.camden.nsw.gov.au - or scan the QR code.



Who is preparing the study?

Council has engaged specialist flooding consultant, Catchment Simulation Solutions, to provide an updated and more detailed understanding of mainstream, overland and local drainage as well as provide a range of flood maps and outputs to assist Council in better understanding the nature and extent of the flood risk.

What areas does the Narellan Creek Catchment cover?

Narellan Creek catchment covers an area of 35km² and includes the suburbs of Narellan, Narellan Vale, Mount Annan and parts of Harrington Park, Gregory Hills, Kirkham and Elderslie. The extent of the catchment is shown in the image below.

The catchment includes Narellan Creek as well as the following tributaries:

- Oxley Rivulet;
- Herbert Rivulet;
- Condron Creek;
- Campbell Rivulet;
- Cross Creek;
- Howe Rivulet;
- Thornleigh Gully;
- Annan Creek; and
- Kenny Creek.

