

Title	North Creek Flood Study
Abstract	<p>In view of the increasing catchment development and the need to accurately define the flood problem, Lake Macquarie City Council engaged Webb, McKeown & Associates, to undertake a Flood Study. The primary objectives of this Flood Study are:</p> <ul style="list-style-type: none"> • to define the flood behaviour of the North Creek catchment by producing information on flood levels, velocities and flows for a range of design flood events under existing catchment and floodplain conditions, • to assess the hydraulic categories and undertake provisional flood hazard mapping, • to assess the extent of the flood problem by undertaking a damages assessment, • to formulate suitable hydrologic/hydraulic models that can be used in a subsequent Floodplain Risk Management Study to assess various floodplain management measures, including the effects of further development. This report details the results and findings of the Flood Study investigations. The key elements include: • a summary of available data, • reasons for the choice of hydrologic and hydraulic models, • calibration of these models, • establishment of design flood behaviour, • flood damages assessment. <p>The Flood Study does not consider flooding from local drainage which may result from inadequate urban drainage provisions.</p>
Resource locator	
North Creek - Flood Study May 2005	<p>Name: North Creek - Flood Study May 2005</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
North Creek - Flood Study Figures	<p>Name: North Creek - Flood Study Figures</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Unique resource identifier	
Code	ad468018-ac91-428f-ab48-dde8106270b1
Presentation form	
Edition	15/09/2017
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/ad468018-ac91-428f-ab48-dde8106270b1
Purpose	Land and Resource Management
Status	On going
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference	4283

system

Topic category

Keyword set

keyword value

Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	151.617851
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East bounding longitude	151.676216
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North bounding latitude	-32.977168
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South bounding latitude	-32.942456
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NSW Place Name	Lake Macquarie
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Vertical extent information

Minimum value	-100
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Maximum value	2228
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Coordinate reference system

Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711

Temporal extent

Begin position

End position	N/A
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Dataset reference date

Resource maintenance

Maintenance and update frequency	As needed
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Contact info

Contact position	Data Broker
Organisation name	Lake Macquarie City Council
Telephone number	02 4921 0333
Email address	council@lakemac.nsw.gov.au
Responsible party role	pointOfContact

Limitations on public access

Responsible party

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Metadata date 2024-03-25T07:36:06.571335

Metadata language