

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 &amp; Associates, to undertake a Flood Study. The primary objectives of this Flood Study are:</p> <ul style="list-style-type: none"> <li>• 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,</li> <li>• to assess the hydraulic categories and undertake provisional flood hazard mapping,</li> <li>• to assess the extent of the flood problem by undertaking a damages assessment,</li> <li>• 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:</li> <li>• a summary of available data,</li> <li>• reasons for the choice of hydrologic and hydraulic models,</li> <li>• calibration of these models,</li> <li>• establishment of design flood behaviour,</li> <li>• flood damages assessment.</li> </ul> <p>The Flood Study does not consider flooding from local drainage which may result from inadequate urban drainage provisions.</p>
Resource locator	
<a href="#">North Creek - Flood Study May 2005</a>	<p>Name: North Creek - Flood Study May 2005</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<a href="#">North Creek - Flood Study Figures</a>	<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	<a href="https://datasets.seed.nsw.gov.au/dataset/ad468018-ac91-428f-ab48-dde8106270b1">https://datasets.seed.nsw.gov.au/dataset/ad468018-ac91-428f-ab48-dde8106270b1</a>
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
East bounding longitude	151.676216
North bounding latitude	-32.977168
South bounding latitude	-32.942456
NSW Place Name	Lake Macquarie
Vertical extent information	
Minimum value	-100
Maximum value	2228
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
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
Contact info	
Contact position	Data Broker
Organisation name	Lake Macquarie City Council
Telephone number	02 4921 0333
Email address	<a href="mailto:council@lakemac.nsw.gov.au">council@lakemac.nsw.gov.au</a>
Responsible party role	pointOfContact
Limitations on public access	

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Responsible party role	pointOfContact
Metadata date	2024-03-25T07:36:06.571335
Metadata language	