

Title	Cockle Creek - Floodplain Risk Management Plan October 2004
Abstract	<p>Summary of Management Plan</p> <p>(1) Most of the flood damage reduction measures considered as part of the 1993 Floodplain Management Study cannot be justified on benefit-cost considerations. They could be reconsidered if new information becomes available that leads to substantially increased benefit-cost ratios. Notwithstanding, Option 1E from the 1993 Floodplain Management Study was shown to have a Benefit-Cost ratio of about 0.4 and therefore should be retained within the Plan. This floodplain management strategy involved the voluntary raising of a 39 houses located in areas of Edgeworth, Barnsley and Boolaroo that are potentially flood affected. It is recommended that these houses be re-assessed and prioritised in terms of their suitability for house raising. Once a prioritised list has been determined, steps should be undertaken to implement the strategy. (2) The Flood and Floodplain Management Studies on which this Plan is based should be revisited. The reason for this and the process that should be followed is outlined in Appendix C. The majority of the floodplain management options considered in the 1993 study are either not viable from a cost/benefit perspective or may not be considered appropriate now. Hence, contemporary floodplain management issues need to be determined through consultation with the Committee and key stakeholders within the community. It is not clear whether any consultation took place as part of earlier studies. However, this is considered to be essential to managing future flooding issues that may arise along creek system and its floodplain. This could be achieved by distribution of a brochure similar to that included in Appendix A. (3) Development within areas defined in Figure 4 as 2A, 2B and 2C, should be able to proceed without extensive independent flood investigations, provided all appropriate requirements specified by the current Local Environment Plan are addressed (eg., those related to filling). (4) Development Restrictions Flooding/Tidal Inundation Certificates should be revised to incorporate the predicted peak level of the Probable Maximum Flood or an 'extreme' flood. The format of Development Restrictions Flooding/Tidal Inundation Certificates could be modified to provide more information. (5) Further investigations need to be undertaken to determine whether flood damage reduction measures can be implemented for those problem areas listed in Section 4.3.1 (6) Further hydraulic investigations should be undertaken the determine the amount of time before inundation of key areas along Cockle Creek in a typical major flood. (7) A flood liable lands DCP is to be developed specifically for the Cockle Creek catchment. The DCP would effectively serve as a revised Flood Policy and relate to the specifics of flood behaviour in the catchment (as distinct from the lake inundation flood behaviour that applies in other areas of Lake Macquarie City).</p>
Resource locator	
Cockle Creek - Floodplain Risk Management Plan October 2004	<p>Name: Cockle Creek - Floodplain Risk Management Plan October 2004</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Unique resource identifier	
Code	8fefd5af-4706-4d66-a3e4-b7b0237c2945
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/8fefd5af-4706-4d66-a3e4-b7b0237c2945
	Land and Resource Management

Purpose

Status On going

Spatial representation

Type vector

Spatial reference system

Code
identifying the
spatial
reference
system 4283

Topic category

Keyword set	
keyword value	
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.54129
East bounding longitude	151.676903
North bounding latitude	-32.977406
South bounding latitude	-32.915174
NSW Place Name	Argenton
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	council@lakemac.nsw.gov.au
Responsible party role	pointOfContact
Limitations on public access	

Responsible party

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