

<b>Title</b>	Cockrone Lagoon Flood Study
<b>Abstract</b>	<p>This Flood Study comprised the following principal stages:</p> <ul style="list-style-type: none"> <li>• collection and assessment of available data;</li> <li>• investigation of coastal processes to determine design ocean levels for tailwater boundary conditions for the hydraulic model and to determine ocean storm inflows into the lagoon;</li> <li>• development and calibration of an hydrologic model to convert design storm rainfalls into design flood hydrographs; and</li> <li>• development and calibration of an hydraulic model to determine design flood levels in the lagoon and on the floodplain.</li> </ul> <p>Available data comprises:</p> <ul style="list-style-type: none"> <li>• Council records of lagoon openings (the most comprehensive available);</li> <li>• Department of Land and Water Conservation (DLWC) Rainfall data at Kincumber Sewage Treatment Plant; and</li> <li>• Bureau of Meteorology Daily Rainfall Records.</li> </ul> <p>The initial flood studies, outlined in this report, indicated significant sections of the Three Points Avenue area of MacMasters Beach would be flood liable. Ground survey of individual properties showed that the established model was not sufficiently refine to accurately represent the separate flow paths. An individual flood study was undertaken of the drain running parallel to Newell Road and Three Points Avenue. The study report appears as Addendum A to this document, while the results have been included on Figure 10.</p>
<b>Resource locator</b>	
<a href="#">Cockrone Lagoon Flood Study - Final Report November 2003</a>	<p>Name: Cockrone Lagoon Flood Study - Final Report November 2003</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
<b>Code</b>	8e834dba-297d-45b7-b25c-b9b84f3a3a25
<b>Presentation form</b>	
<b>Edition</b>	27/06/2017
<b>Dataset language</b>	English
<b>Metadata standard</b>	
<b>Name</b>	ISO 19115
<b>Edition</b>	2016
<b>Dataset URI</b>	<a href="https://datasets.seed.nsw.gov.au/dataset/8e834dba-297d-45b7-b25c-b9b84f3a3a25">https://datasets.seed.nsw.gov.au/dataset/8e834dba-297d-45b7-b25c-b9b84f3a3a25</a>
<b>Purpose</b>	Land and Resource Management
<b>Status</b>	On going
<b>Spatial representation</b>	
<b>Type</b>	vector
<b>Spatial reference system</b>	

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 151.407652

East bounding longitude 151.429539

North bounding latitude -33.495705

South bounding latitude -33.484512

NSW Place Name Cockrone Lagoon

## 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 Central Coast Council  
Telephone number 1300 463 954  
Email address [ask@centralcoast.nsw.gov.au](mailto:ask@centralcoast.nsw.gov.au)  
Web address <https://www.centralcoast.nsw.gov.au/>  
Responsible party role pointOfContact

Limitations on public access

## Responsible party

Contact position	Data Broker
Organisation name	Central Coast Council
Telephone number	1300 463 954
Email address	<a href="mailto:ask@centralcoast.nsw.gov.au">ask@centralcoast.nsw.gov.au</a>
Web address	<a href="https://www.centralcoast.nsw.gov.au/">https://www.centralcoast.nsw.gov.au/</a>
Responsible party role	pointOfContact

## Metadata point of contact

Contact position	Data Broker
Organisation name	Central Coast Council
Telephone number	1300 463 954
Email address	<a href="mailto:ask@centralcoast.nsw.gov.au">ask@centralcoast.nsw.gov.au</a>
Web address	<a href="https://www.centralcoast.nsw.gov.au/">https://www.centralcoast.nsw.gov.au/</a>
Responsible party role	pointOfContact

Metadata date	2024-03-25T07:17:37.608094
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Metadata language	
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