

Title	Cockrone Lagoon Flood Study
Abstract	<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>
Resource locator	
<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>
Unique resource identifier	
Code	8e834dba-297d-45b7-b25c-b9b84f3a3a25
Presentation form	
Edition	27/06/2017
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	<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>
Purpose	Land and Resource Management
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	151.407652
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	<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

Limitations on public access	
<b>Responsible party</b>	
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
<b>Metadata point of contact</b>	
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
<b>Metadata date</b>	2024-03-25T07:17:37.608094
<b>Metadata language</b>	