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| 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 |
|-------------------------|------------|

| | |
|-------------------------|------------|
| 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 | council@lakemac.nsw.gov.au |
| Responsible party role | pointOfContact |

Limitations on public access

Responsible party

| | |
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Metadata point of contact

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Metadata language