Title	Griffith CBD Catchment Overland Flow Flood Study
Abstract	The flood study carried out for the Griffith CBD catchment identifies flood liable properties for a range of design floods and finds approximately 168 properties that are flood liable during the 1% AEP event. The Griffith CBD and upstream areas have experienced flooding in the past. This has been attributed to the insufficient capacity of the existing pipe drainage system, the flat topography across much of the area and the impediment to overland flow paths posed by the Main Branch Canal and the Temora-Roto Railway Line that passes to the immediate north of the CBD. In recognition of these flood issues, Griffith City Council (Council) have appointed WMAwater to carry out an Overland Flow Flood Study for the Griffith CBD catchment under the guidance of Council's Floodplain Risk Management Committee. The main objective of this study is to: • Define the overland flow flood behaviour within the Griffith CBD catchment over the full range of design flood events; • Detail the number of properties at flood risk, extent of flood damage, and provide Council with the technical basis to prepare a Floodplain Risk Management Study & Plan; • Prepare a modelling system suitable for use in the Floodplain Risk Management Study and Plan, for assessing flood mitigation works; and • Provide Council with a modelling tool for the pit and pipe drainage system. The study has established suitable hydrologic and hydraulic modelling tools, demonstrated their capacity to emulate local flood behaviour via calibration/validation (as data allows) and then applied these tools to establish the existing flood risk for a range of design flood event probabilities in conjunction with a range of event durations. This study has assessed major overland flow flooding throughout the Griffith CBD catchment in general and in the commercial areas in particular, providing Council with a sound understanding of the full range of potential flood risks and enabling Council to determine an optimum mix of works and measures to manage these risks.
Resource locator	
Griffith CBD Catchment Overland Flow Flood Study - Report	Name: Griffith CBD Catchment Overland Flow Flood Study - Report Protocol: WWW:DOWNLOAD-1.0-http--download Function: download
Unique resource identifier	
Code	4fbdea9a-3eb6-401b-ade4-87f181708f06
Presentation form	
Edition	28/03/2018
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/4fbdea9a-3eb6-401b-ade4-87f181708f06
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	146.02478
East bounding longitude	146.077309
North bounding latitude	-34.292112
South bounding latitude	-34.274666
NSW Place Name	Griffith
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	Griffith City Council
Full postal address	admin@griffith.nsw.gov.au
Email address	admin@griffith.nsw.gov.au
Responsible party role	pointOfContact
Limitations on public access	

Responsible party

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Metadata date

2024-03-25T07:02:45.228778

Metadata language