

Title	North Parramatta Precinct
Abstract	<p>The flood study was undertaken in two stages. The aims of each stage of the flood study are:</p> <h2>Stage 1 - Hydrological Analysis</h2> <ul style="list-style-type: none"> <li>• Collate all the relevant data on Council's existing stormwater drainage system;</li> <li>• Develop a hydrological model to investigate the drainage system performance for the 5, 10, 20, 100, 200 year ARI storms and the PMF;</li> <li>• Identify the flooding problem areas for existing development conditions within the study area;</li> <li>• Identify the flooding problem areas for ultimate development conditions (represented by all of the study area utilising OSD).</li> </ul> <h2>Stage 2 - Hydraulic Analysis</h2> <ul style="list-style-type: none"> <li>• Estimate the extent of flooding and flood levels for the PMF, 20 and 100 year ARI floods for existing development conditions, and</li> <li>• Estimate the 20 and 100 year ARI flood levels and extent of flooding for ultimate development conditions.</li> </ul> <h2>Study Scope</h2> <p>The scope of the Stage 1 flood study was to use a hydrological model to estimate peak pipe and overland flows throughout the North Parramatta Precinct. The peak overland flows were used in the hydraulic modelling in Stage 2 to estimate peak flood levels and flood extents.</p> <p>Design Rainfall Intensities used for the estimation of peak flows were obtained from Baulkham Hills Shire Council "Design Guidelines for Subdivisions / Developments." Storm durations from 5 minutes to 4.5 hours were used to produce rainfall patterns from which the D NS model estimates peak pipe and overland flows.</p> <p>The results presented in this report are the <i>worst case</i> peak flow for each set of storm durations for a particular ARI storm. Where flood levels are noted, all levels refer to Australian Height Datum (m, AHD)</p>
Resource locator	<div> <a href="#">North Parramatta Precinct - Flood Study</a> <div> <div>Name: North Parramatta Precinct - Flood Study</div> <div>Protocol: WWW:DOWNLOAD-1.0-http--download</div> <div>Function: download</div> </div> </div> <div> <a href="#">North Parramatta Precinct - Flood Study Figures</a> <div> <div>Name: North Parramatta Precinct - Flood Study Figures</div> <div>Protocol: WWW:DOWNLOAD-1.0-http--download</div> <div>Function: download</div> </div> </div>
Unique resource identifier	
Code	58daf6fb-1eca-4b98-a500-75df26f97db8
Presentation form	
Edition	26/06/2017
Dataset	

language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/58daf6fb-1eca-4b98-a500-75df26f97db8">https://datasets.seed.nsw.gov.au/dataset/58daf6fb-1eca-4b98-a500-75df26f97db8</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	150.993347
East bounding longitude	151.008625
North bounding latitude	-33.790849
South bounding latitude	-33.774334
NSW Place Name	Northmead
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	The Hills Shire Council
Full postal address	info@www.thehills.nsw.gov.au
Email address	<a href="mailto:info@www.thehills.nsw.gov.au">info@www.thehills.nsw.gov.au</a>
Responsible party role	pointOfContact
Limitations on public access	

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Email address	<a href="mailto:info@www.thehills.nsw.gov.au">info@www.thehills.nsw.gov.au</a>
Responsible party role	pointOfContact
Metadata point of contact	
Contact position	Data Broker
Organisation name	The Hills Shire Council
Full postal address	info@www.thehills.nsw.gov.au
Email address	<a href="mailto:info@www.thehills.nsw.gov.au">info@www.thehills.nsw.gov.au</a>
Responsible party role	pointOfContact
Metadata date	2024-03-25T09:53:55.999426
Metadata language	