Section 73(10) of the *Planning, Development and Infrastructure Act 2016*

Flooding Hazards Mapping Update Code Amendment

By the Chief Executive, Department for Trade and Investment
(the Designated Entity)

THE AMENDMENT

Adopted by:

.....

Hon Nick Champion MP

Minister for Planning

20/12/2023

PlanSA

Flooding Hazards Mapping Update Code Amendment

Preamble

The amendment instructions below reflect the proposed changes to the Planning and Design Code as outlined in the Draft for Consultation – Flooding Hazards Mapping Update Code Amendment and outlined in the Engagement Report furnished to the Minister for Planning by the Designated Entity under section 73(7) of the *Planning, Development and Infrastructure Act 2016*.

Amendment instructions

The following amendment instructions (at the time of drafting) relate to the Planning and Design Code, version 2023.6 published on 27 April 2023. Where amendments to the Planning and Design Code have been published after this date, consequences changes to the following amendment instructions will be made as necessary to give effect to this Code Amendment.

Instructions

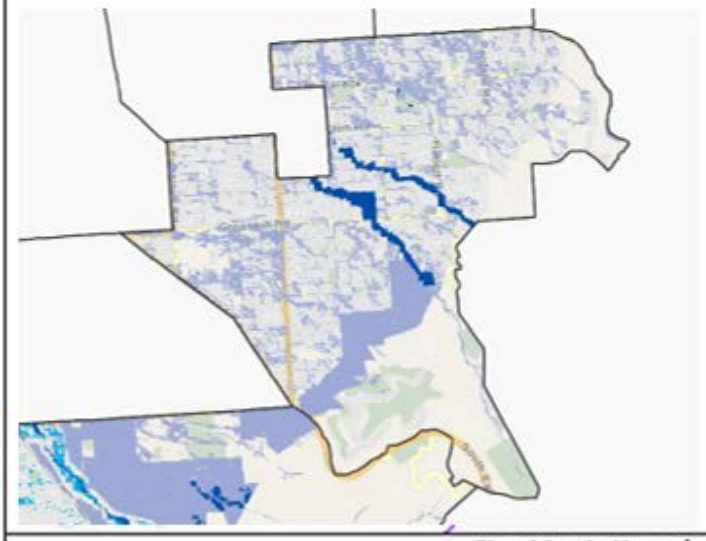
Amend the Code as follows:

1. *Amend the spatial application of the Hazards (Flooding – Evidence Required) Overlay as shown in the Detailed Flood Study Information (below), and as illustrated on the online map viewer titled 'Flooding Hazards Mapping Update Code Amendment - Draft Flood Mapping for Consultation' at:*

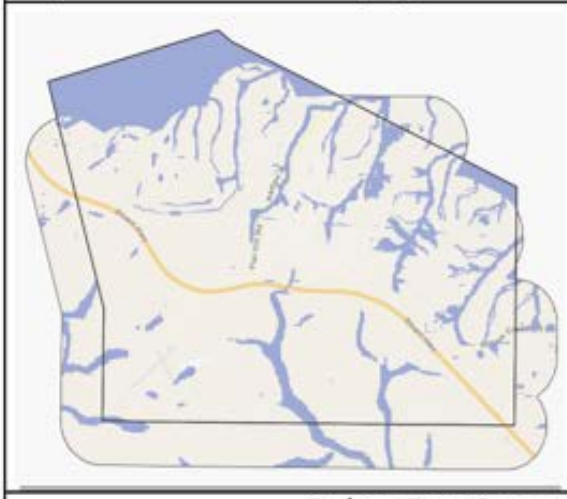
   https://dpti.geohub.sa.gov.au/portal/apps/instant/media/index.html?appid=84de6627dfd44e37b85f4f43c868fe48

Detailed Flood Study information

City of Burnside

Suburbs affected (all): Auldana, Beaumont, Beulah Park, Burnside, Cleland, Dulwich, Eastwood, Erindale, Frewville, Glen Osmond, Glenside, Glenunga, Hazelwood Park, Kensington Gardens, Kensington Park, Leabrook, Leawood Gardens, Linden Park, Magill, Mount Osmond, Rose Park, Rosslyn Park, Skye, St Georges, Stonyfell, Toorak Gardens, Tusmore, Waterfall Gully, Wattle Park	
Current Flood Hazard Overlay application	
	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required)
Proposed Flood Hazard Overlay Application	
	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required) **Mapping changes** ▲ Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Flood Study, Regional Flood Dataset and Watercourse information
Flood Study Name/s	Burnside Floodplain Mapping 2019
Catchment Name/s	First to Third creeks
Scenario	Existing Development
Regional Flood Dataset	5m JBA Australia Flood Map version April 2021
Flood type/source	Fluvial (Riverine Flows)
Watercourse method	Watercourses were buffered 5 metres each side (output = 10m wide) and selected using Riverine 5m regional data. Both datasets were then combined and trimmed.

District Council of Coober Pedy

Suburbs affected: Coober Pedy	
Current Flood Hazard Overlay application	
	Hazards (Flooding - Evidence Required)
Proposed Flood Hazard Overlay Application	
	Township 1km extent Hazards (Flooding - Evidence Required) **Mapping changes** Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using Regional Flood dataset and watercourses
Regional Flood Dataset	30m Australia FloodMap™ v3.3 (rural) Feb. 2021 (Ambiental) Likelihood 0.5% AEP
Watercourse method	Selected within 1 kilometre zone buffered area. Watercourse lines were then buffered 15 metres each side.
Notes	30 metre regional data includes both Fluvial (Riverine Flows) and Pluvial (Surface water)
Method	30 metre cells for FloodMap™ were combined with buffered (15m) watercourses to generate the Hazards (Flooding) Overlay. Accuracy of source datasets vary across the state.

Clare and Gilbert Valleys Council

Suburbs affected:
Auburn Township – selected area

Current Flood Hazard Overlay application

Extent of Flood Study

Hazards (Flooding - Evidence Required)

Whole township and surrounding allotments are currently covered by the Hazard (Flooding-Evidence Required) Overlay.

Proposed Flood Hazard Overlay Application

Extent of Flood Study

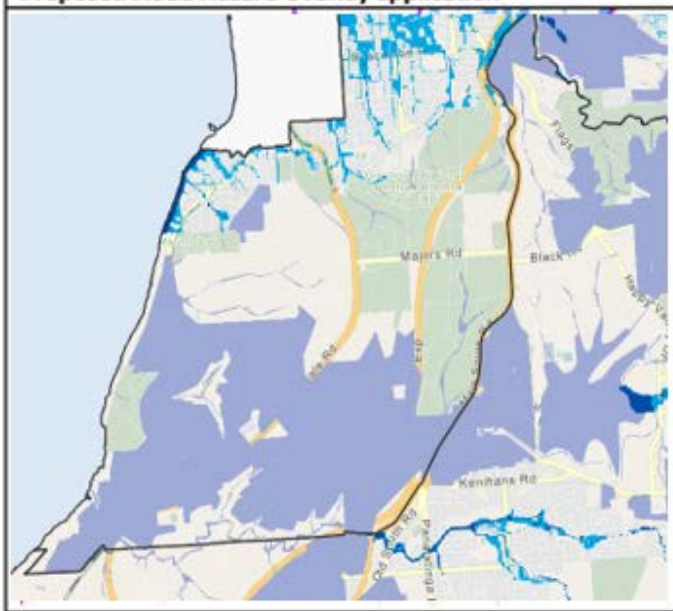
Hazards (Flooding - Evidence Required)

Mapping changes

- Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Flood Study

Flood Study Name/s	Auburn Stormwater Management Plan 2019
Catchment Name/s	Eyre Creek, Upper Wakefield River Catchment and Rices Creek
Scenario	Existing Development

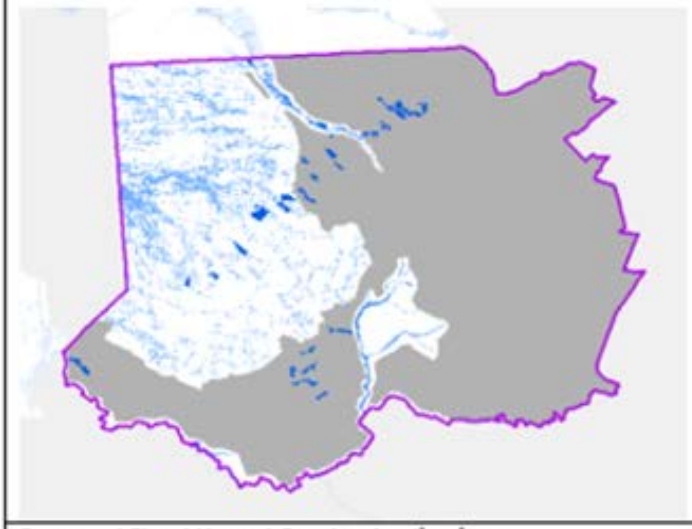
City of Marion

Suburbs affected: Darlington, Hallett Cove, Lonsdale, Marino, O'Halloran Hill, Reynella, Seacliff Park, Seaview Downs, Sheidow Park, Trott Park	
Current Flood Hazard Overlay application	
	Area of Interest Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence)
Proposed Flood Hazard Overlay application	
	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence) **Mapping changes** ▲ Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Regional Flood Dataset and Watercourse information
Regional Flood Dataset	5m Australia FloodMap™, v1.0 (urban) Feb 2021
Flood type/source	Fluvial (Riverine Flows)
Watercourse method	Watercourse lines buffered 5 metres each side (output = 10m wide) and selected if they intersected the Riverine 5m Regional dataset

City of Mitcham

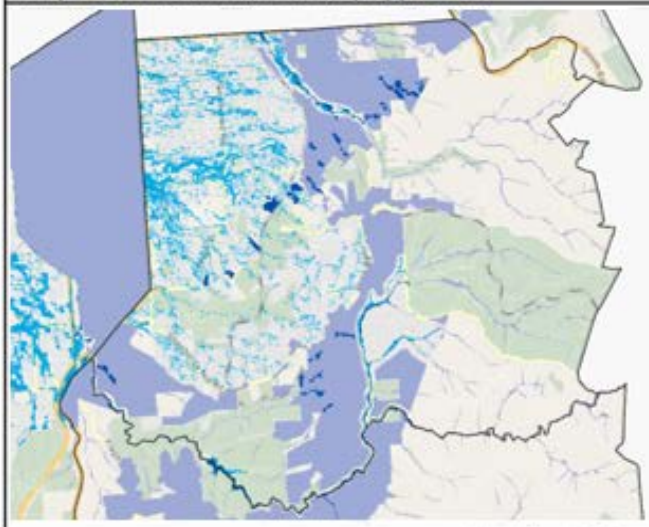
Suburbs affected:
Bedford Park, Belair, Bellevue Heights, Blackwood, Brown Hill Creek, Coromandel Valley, Crafers West, Craigburn Farm, Eden Hills, Glenalta, Hawthorn, Hawthorndene, Kingswood, Leawood Gardens, Lower Mitcham, Mitcham, Mount Osmond, Netherby, Springfield, Torrens Park, Upper Sturt, Urrbrae

Current Flood Hazard Overlay application



- Hazards (Flooding)
- Hazards (Flooding - General)
- Hazards (Flooding - Evidence Required)

Proposed Flood Hazard Overlay Application



- Hazards (Flooding)
- Hazards (Flooding - General)
- Hazards (Flooding - Evidence Required)

Mapping changes
Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using Flood Studies, Development Plan parcels, Regional Flood Dataset and Watercourse information

Flood Study Name/s	Brown Hill Creek Urban Catchment 2017
Catchment Name/s	Brown Hill Creek Urban Catchment
Scenario	Existing
Regional Flood Dataset	5m Australia FloodMap™ v1.0 (urban) Feb 2021 5m JBA Australia Flood Map version April 2021
Flood type/source	Fluvial (Riverine Flows), Pluvial (Surfacewater)
Watercourse method	Watercourses were buffered 5 metres each side (output = 10m wide) and selected using Riverine 5m Regional data. Both datasets were then combined and trimmed.

City of Mount Gambier

Suburbs affected: (All)

Current Flood Hazard Overlay application

Hazards (Flooding - Evidence Required)

Where no flood data was available at launch of the Code, the Hazards (Flooding - Evidence Required) Overlay was applied.

Proposed Flood Hazard Overlay Application

No Hazard (Flooding) Overlays apply to Mount Gambier

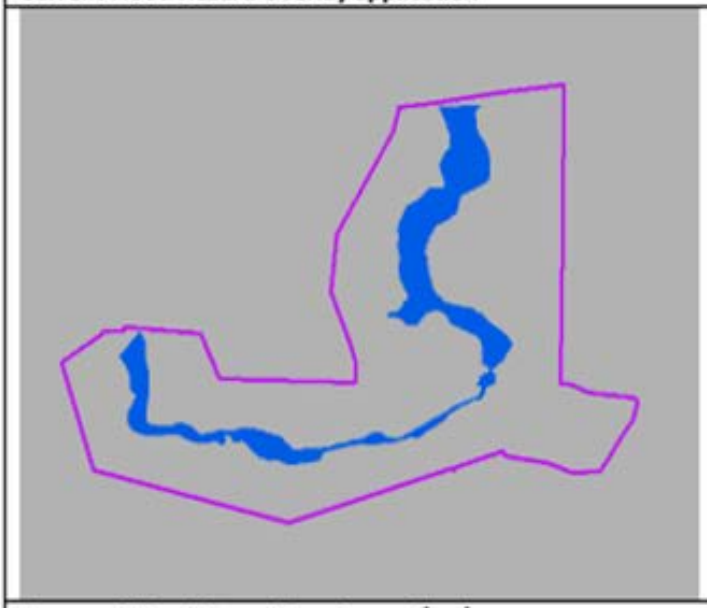
Mapping changes
Hazards (Flooding - Evidence Required) Overlay removed.

Information provided by council	No areas prone to flooding in Mount Gambier.
Regional Flood Datasets	No regional flood data applies in Mount Gambier

Naracoorte Lucindale Council

Suburbs affected: Naracoorte Township

Current Flood Hazard Overlay application



Extent of Flood Study

Hazards (Flooding)

Hazards (Flooding - Evidence Required)

Proposed Flood Hazard Overlay application

Extent of Flood Study

Hazards (Flooding)

Hazards (Flooding - Evidence Required)

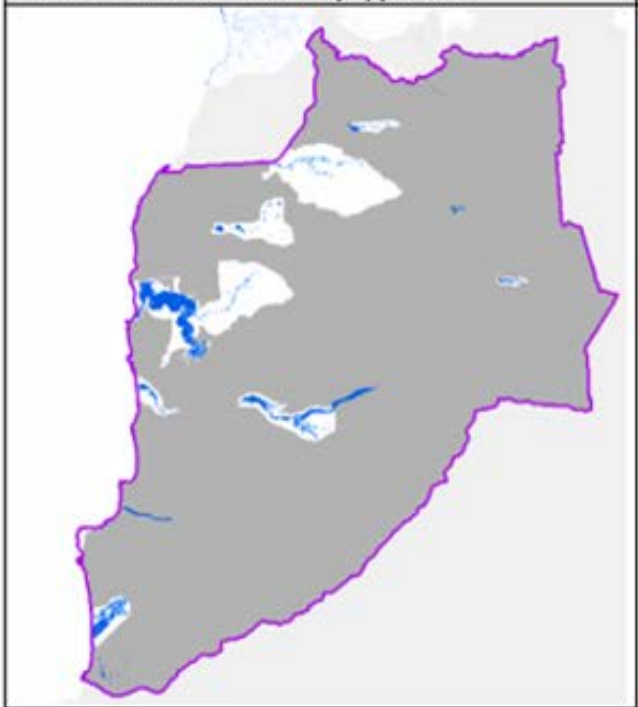
Mapping changes

Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Flood Study

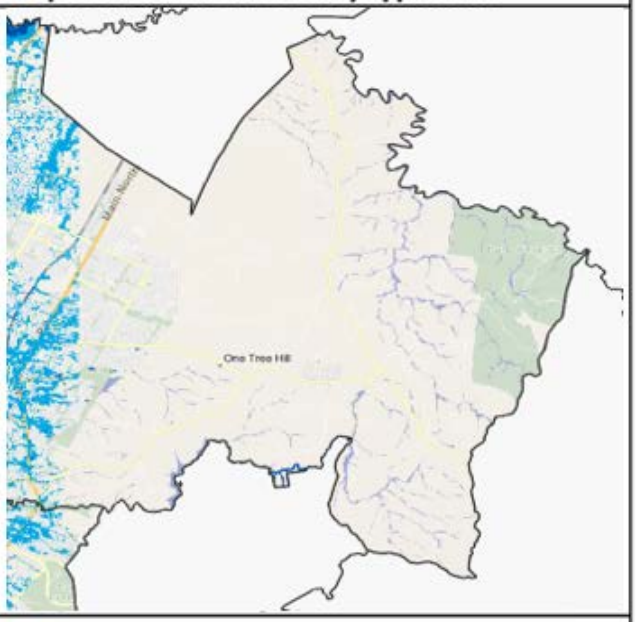
Flood Study Name/s	Naracoorte Flood Study 2022
Catchment Name/s	Naracoorte Creek catchment
Scenario	Future conditions (2050)

City of Onkaparinga

Suburbs affected:
Aberfoyle Park, Aldinga, Aldinga Beach, Blewitt Springs, Chandlers Hill, Cherry Gardens, Christie Downs, Christies Beach, Clarendon, Coromandel East, Coromandel Valley, Darlington, Dorset Vale, Flagstaff Hill, Hackham, Hackham West, Hallett Cove, Happy Valley, Huntfield Heights, Ironbank, Kangarilla, Kuitpo, Lonsdale, Maslin Beach, McLaren Flat, McLaren Vale, Moana, Morphett Vale, Noarlunga Centre, Noarlunga Downs, O'Halloran Hill, Old Noarlunga, Old Reynella, Onkaparinga Hills, O'Sullivan Beach, Port Noarlunga, Port Noarlunga South, Port Willunga, Reynella, Seaford, Seaford Heights, Seaford Meadows, Seaford Rise, Sellicks Beach, Sellicks Hill, Sheidow Park, Tatachilla, The Range, Whites Valley, Willunga, Willunga South, Woodcroft

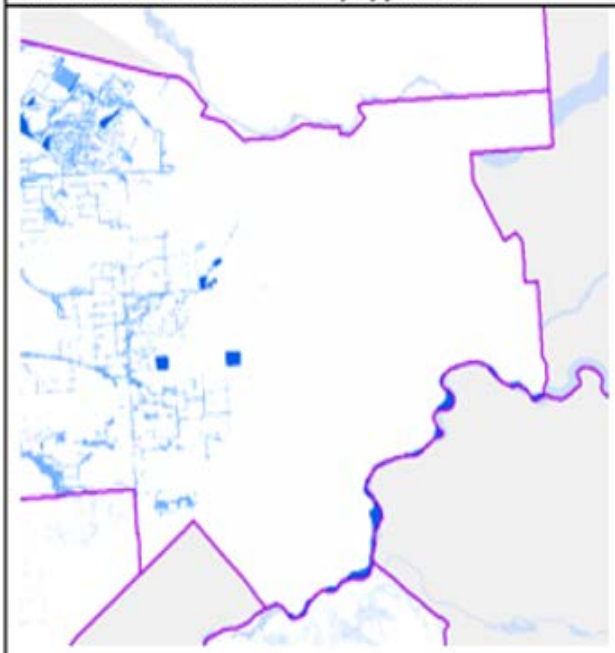
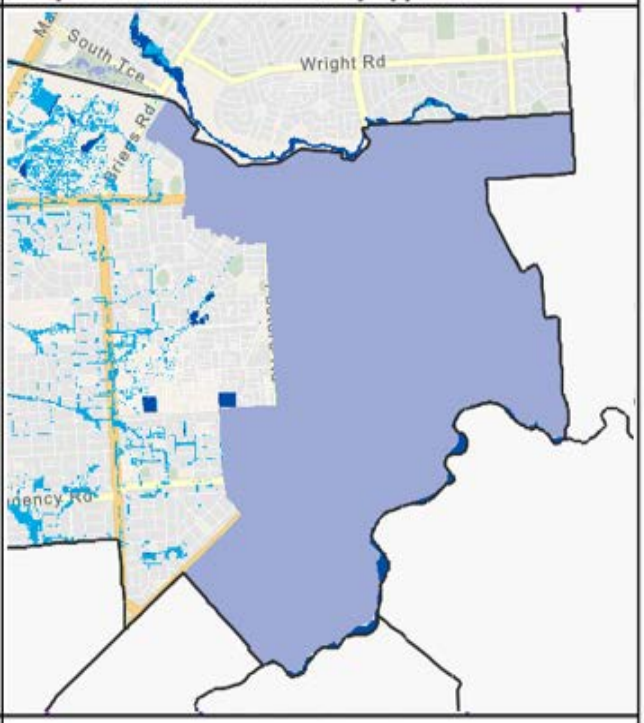
Current Flood Hazard Overlay application	Proposed Flood Hazard Overlay Application
	
Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required)	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required) **Mapping changes** Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using Regional Flood Datasets and Watercourse information
Regional Flood Datasets	5m Australia FloodMap™ v1.0 (urban) Feb 2021 5m JBA Australia Flood Map version April 2021
Flood type/source	Fluvial (Riverine Flows), Pluvial (Surfacewater)
Watercourse method	Watercourses were buffered 5 metres each side (output = 10m wide) and selected using Riverine 5m Regional data. All datasets were then combined and trimmed so they didn't overlap with existing Overlays or detailed flood studies.

City of Playford

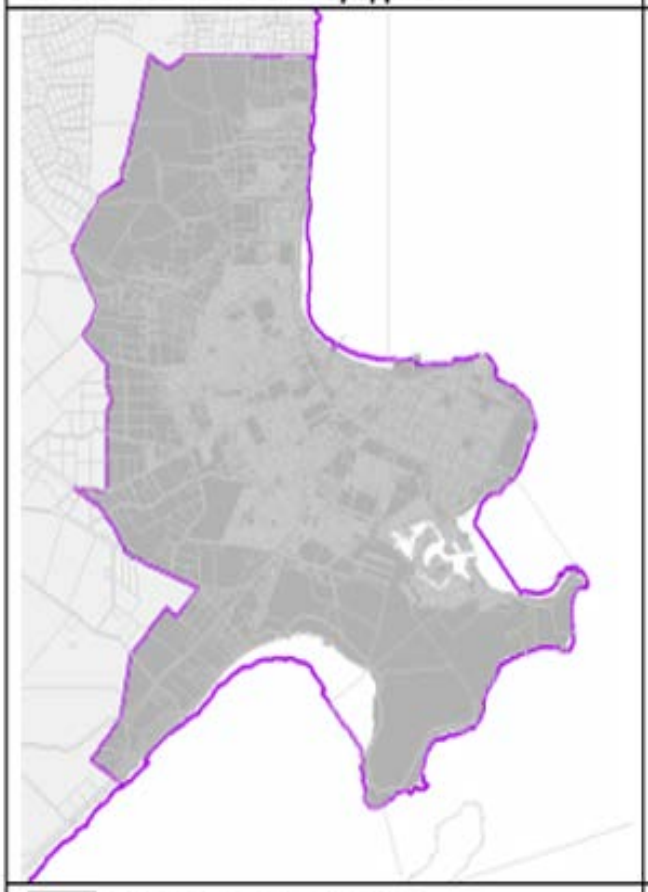
Suburbs affected: Bibaringa, Craigmore, Evanston Park, Gould Creek, Hillbank, Humbug Scrub, One Tree Hill, Sampson Flat, Uleybury, Yattalunga	
Current Flood Hazard Overlay application	**Proposed Flood Hazard Overlay Application**
	
Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required)	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required) **Mapping changes** Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using Regional Flood Datasets and Watercourse information
Regional Flood Datasets	5m Australia FloodMap™, v1.0 (urban) Feb 2021 5m JBA Australia Flood Map version April 2021
Flood type/source	Fluvial (Riverine Flows), Pluvial (Stormwater)
Watercourse method	Watercourses were buffered 5 metres each side (output = 10m wide) and selected using Riverine 5m Regional data. All datasets were then combined and trimmed so they didn't overlap with existing Overlays or detailed flood studies

City of Port Adelaide Enfield

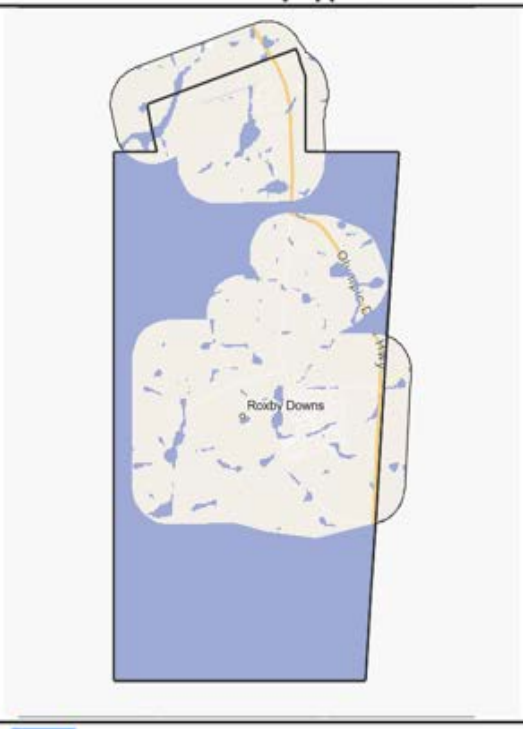
Suburbs affected:
Dernancourt, Gilles Plains, Greenacres, Hampstead Gardens, Hillcrest, Holden Hill, Klemzig, Lightsview, Northfield, Northgate, Oakden, Valley View, Walkley Heights, Windsor Gardens

Current Flood Hazard Overlay application	Proposed Flood Hazard Overlay Application
	
Hazards (Flooding) Hazards (Flooding - General)	Hazards (Flooding) Hazards (Flooding - General) Hazards (Flooding - Evidence Required) **Mapping changes** Added an area to the Hazards (Flooding – Evidence Required) Overlay based on information provided by City of Port Adelaide Enfield

City of Port Lincoln

Suburbs affected: Port Lincoln, Boston	
Current Flood Hazard Overlay application	**Proposed Flood Hazard Overlay Application**
	
Hazards (Flooding - Evidence Required)	Hazards (Flooding - Evidence Required)
Mapping changes Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Flood Study/	
Flood Study Name	Port Lincoln Flood Study 2022
Catchment Name/s	Port Lincoln
Scenario	Future conditions 2050

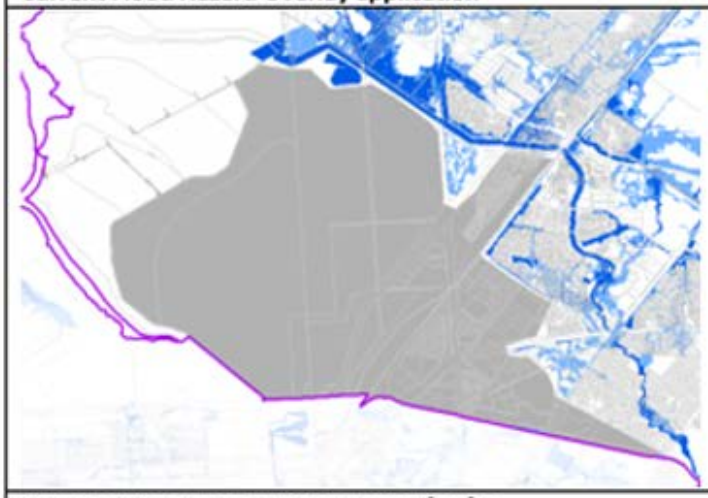
Roxby Downs Council

Suburbs affected: Roxby Downs	
Current Flood Hazard Overlay application	**Proposed Flood Hazard Overlay Application**
	
Hazards (Flooding - Evidence Required)	Township 1km extent Hazards (Flooding - Evidence Required)
Mapping changes Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using Regional Flood dataset and Watercourse information	
Regional Flood Dataset	30m Australia FloodMap™ v3.3 (rural) Feb. 2021 (Ambiental) Likelihood 0.5% AEP
Watercourse method	Selected within 1 kilometre zone buffered area. Watercourse lines were then buffered 15 metres each side.
Notes	30 metre regional data includes both Fluvial (Riverine Flows) and Pluvial (Surface water)
Method	30 metre cells for FloodMap™, were combined with buffered (15m) watercourses to generate the Hazards (Flooding) Overlay. Accuracy of source datasets vary across the state.

City of Salisbury

Suburbs affected:
Cavan, Dry Creek, Mawson Lakes, Pooraka

Current Flood Hazard Overlay application



Hazards (Flooding)
Hazards (Flooding - General)
Hazards (Flooding - Evidence Required)

Proposed Flood Hazard Overlay Application

Hazards (Flooding)
Hazards (Flooding - General)
Hazards (Flooding - Evidence Required)

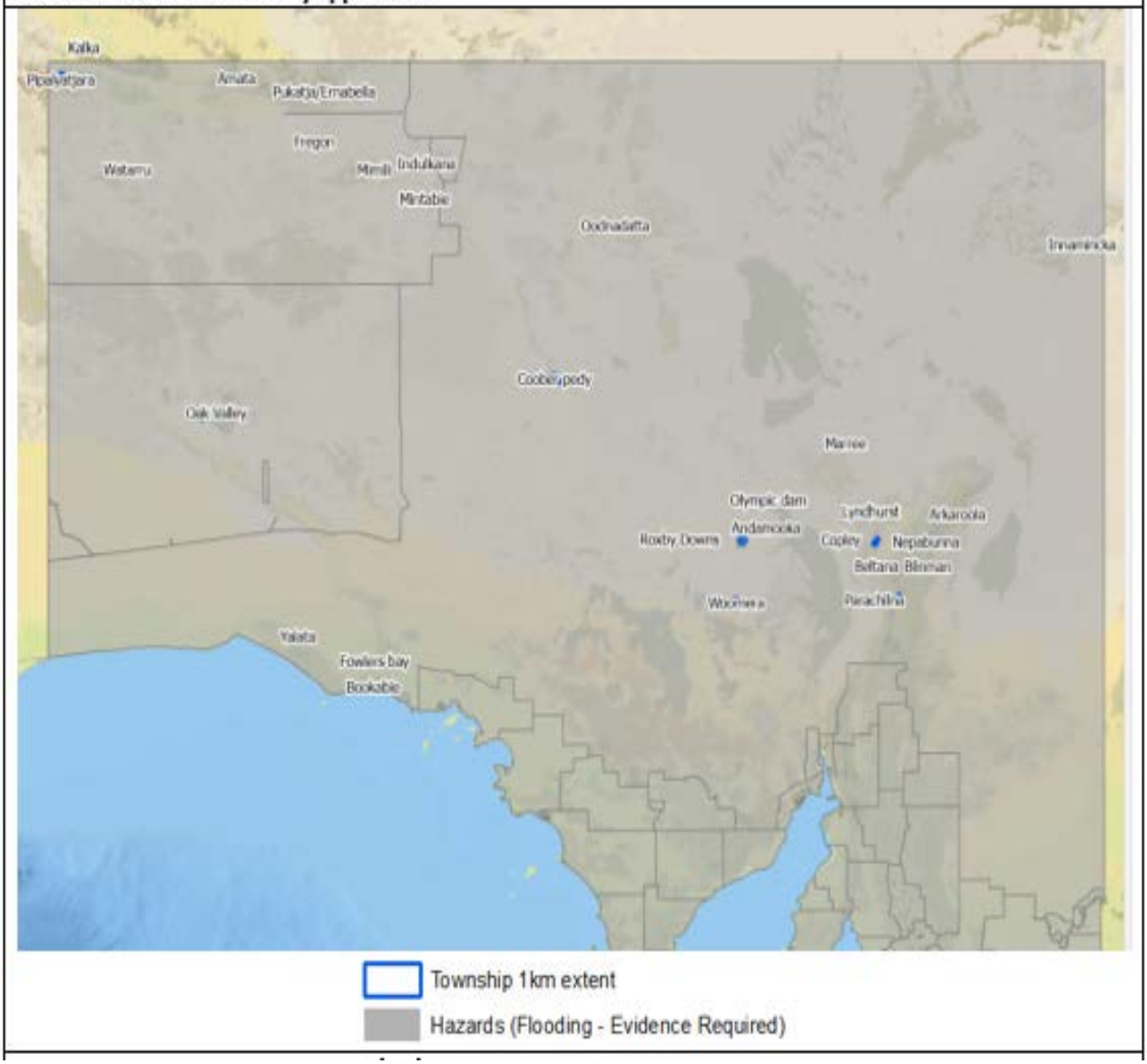
Mapping changes
Trimmed the extent of the Hazards (Flooding – Evidence Required) Overlay using the Flood Study

Flood Study Name/s	Dry Creek Stormwater Management Plan (draft[14]) 2021
Catchment Name/s	Dry Creek catchment
Scenario	Existing Development
Hazard Definition Used	Flood Depth

Townships in outback (Out-of-Council) areas

Localities affected:
Andamooka, Arkaroola, Beltana, Blinman, Bookabie, Copley, Fowlers Bay, Innamincka, Leigh Creek, Lyndhurst, Marree, Nepabunna, Oak Valley, Olympic Dam, Oodnadatta, Parachilna, Woomera, Yalata [18]; and APY Lands sites [9] - Amata, Fregon, Indulkana, Kalka, Mimili, Mintabie, Pipalyatjara, Pukatja/Ernabella, Watarru

Current Flood Hazard Overlay application



Proposed Flood Hazard Overlay application

Representative localities are shown below. For detail of the other localities please refer to online map viewer: https://dpti.geohub.sa.gov.au/portal/apps/instant/media/index.html?appid=84de6627dfd44e37b85f4f43c868fe48

Oodnadatta

Innamincka

Township 1km extent

Hazards (Flooding - Evidence Required)

Mapping changes

Trimmed Hazards (Flooding – Evidence Required) Overlay from within 1km of the township zones using Regional Flood Dataset(s)

Township zones selected	• Deferred Urban • Employment • Strategic Employment • Employment (Enterprise) • Infrastructure • Township Activity Centre
Regional Flood Dataset	30m Australia FloodMap™ v3.3 (rural) Feb. 2021 (Ambiental) Likelihood 0.5% AEP
Watercourse method	Selected within 1 kilometre zone buffered area. Watercourse lines were then buffered 15 metres each side.
Notes	30 metre regional data includes both Fluvial (Riverine Flows) and Pluvial (Surface water)
Method	30 metre cells for FloodMap™, were combined with buffered (15m) watercourses to generate the Hazards (Flooding) Overlay. Accuracy of source datasets vary across the state.