Title

High Ecological Value Waterways and Water Dependent Ecosystems in Wianamatta-South Creek

## **Abstract**

This is a thematic dataset of high ecological value waterways and water dependent ecosystems for the Wianamatta-South Creek catchment. It brings together 24 indicators being used by the State Government to define high ecological value based on definitions, guidelines and policies under the Environment Protection and Biodiversity Conservation Act 1999, Biodiversity Conservation Act 2016, Fisheries Management Act 1994 and Water Management Act 2000. An additional 11 indicators were included to recognise known community environmental values and uses of waterways and water dependent ecosystems in the area. The water dependent ecosystems consist of wetlands, and vegetation and fauna that rely on surface or groundwater water sources.

The purpose of the dataset is to identify strategic planning priorities for protecting and improving the health of high ecological value waterways and water dependent ecosystems, which have been recognised as the natural blue grid in strategic land use planning for the Western Parkland City. The priorities can be used as a basis for identifying aquatic biodiversity refugia, stream rehabilitation efforts and setting management targets and/or land use planning controls that would protect or improve the health of the waterways and water dependent ecosystems.

The overall accuracy of the dataset is > 80%, when compared to an independent validation dataset (396 validation sites) made up of field survey data, independent desktop analyses of sites, and the use of existing field survey datasets collated from the BioNet Vegetation Survey database, Blacktown City Council and the Conservation and Sustainability Branch of the Department of Planning and Environment. A technical report\* and the accompanying attributes table provides a description of the how the dataset was created and the attributes of the dataset, respectively.

\*DPE (2022) Mapping the natural blue grid elements of Wianamatta – South Creek: High ecological value waterways, riparian vegetation communities and other water dependent ecosystems. NSW Department of Planning and Environment, Parramatta NSW 2124.

## Resource locator

Data Quality Statement

Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for High Ecological Value Waterways and Water Dependent Ecosystems in Wianamatta-South Creek

Function: download

<u>High Ecological</u> <u>Value Waterways</u> <u>and</u> Name: High Ecological Value Waterways and WaterDependent Ecosystems in

Wianamatta-South Creek

Protocol: WWW:DOWNLOAD-1.0-http--download

WaterDependent Ecosystems in Wianamatta-South Creek

Description:

Thematic dataset of high ecological value waterways and water dependent ecosystems, identifying areas for protection and improvement in the Wianamatta-South Creek catchment

Function: download

HEV Attributes table

Name: HEV Attributes table

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Download HEV attributes table

Function: download

## Unique resource identifier

Code a5af595f-57c0-4176-b85e-70911b6acb3b

Presentation form	Map digital				
Edition	1				
Dataset language	English				
Metadata standa	Metadata standard				
Name	ISO 19115				
Edition	2016				
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/a5af595f-57c0-4176-b85e-70911b6acb3b				
Purpose	High Ecological Value dataset for Strategic Land Use Planning				
Status	Completed				
Spatial representation type	None				
Spatial reference	e system				
Code identifying the spatial reference system	4283				
Additional information source	Refer to accompanying Table and Technical Report, suuplied with the dataset				
Topic category					
Keyword set					
keyword value		WATER-Wetlands			
		WATER-Groundwater			
		WATER-Rivers			
		ECOLOGY-Ecosystem			
		ECOLOGY-Habitat			
		ECOLOGY-Landscape			
Originating controlle	ed vocabulary				
Title		ANZLIC Search Words			
Reference date		2008-05-16			
Geographic loca	tion				
West bounding longitude		150.651398			
East bounding longi	tude	151.00296			
North bounding latit	ude	-34.098053			
South bounding latit	tude	-33.612225			

NSW Place Name		Wianamatta-South Creek catchment
Vertical extent inform	nation	
Minimum value		-100
Maximum value		2228
Coordinate reference syst	em	
Authority code		urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system		5711
Temporal extent		
Begin position		2018-08-02
End position		N/A
Dataset reference da	te	
Resource maintenand	ce	
Maintenance and update frequency		Not planned
Contact info		
Contact position		Data Broker
Organisation name		NSW Department of Climate Change, Energy, the Environment and Water
Telephone number		131555
Email address		data.broker@environment.nsw.gov.au
Web address		https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role		pointOfContact
Limitations on public acco	ess	
Responsible party		
Contact position	Data Broker	-
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water	
Telephone number	131555	
Email address	data.broker	@environment.nsw.gov.au
Web address	https://www.	nsw.gov.au/departments-and-agencies/dcceew

Responsible party role

pointOfContact

Metadata point of contactContact positionData BrokerOrganisation nameNSW Department of Climate Change, Energy, the Environment and WaterTelephone number131555Email addressdata.broker@environment.nsw.gov.auWeb addresshttps://www.nsw.gov.au/departments-and-agencies/dcceewResponsible party rolepointOfContactMetadata date2024-02-26T13:07:57.827527

Metadata language