Title	High Ecological Value Waterways and Water Dependent Ecosystems - WOLLONDILLY LGA
Alternative title(s)	HEVwater WOLLONDILLY LGA
Abstract	A map of the high ecological value waterways and water dependent ecosystems for the Wollondilly LGA was prepared by the Science Division of the Department of Planning, Industry and Environment, with input layers and support for the map provided by the former NSW Department of Primary Industries-Fisheries and Department of Industry-Crown Lands and Water. The basis for the map arises from Science Division inputs to strategic planning processes. For example, the map has been included in the Land Use and Infrastructure Implementation Plans for the Wilton (Wilton2040, page 22) and Greater Macarthur (interim plan, page 36) Priority Growth Area. This map was specifically developed for input to Local Government Local Strategic Planning Statements to support Council's delivery of Strategy 25.1 of the Greater Sydney Region Plan.
	The map shows areas where waterways and water dependent ecosystems are defined as 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. Water dependent ecosystems are defined as wetlands, and flora and fauna that rely on water sources (including groundwater). The map represents an overlay of 39 indicators being used by the State Government to define high value, however, not all 39 indicators will be present in any one LGA (see Attachment 1 below). For example, there are 22 indicators making up the map for the Wollondilly LGA. It should also be noted that the individual indicators have not been ground-truthed and it is recommended that field assessments and/or a comparison to local mapping be undertaken prior to any decisions being made. The map was created by initially placing a 1 ha (to correspond with a lot size) hexagon grid over the LGA, and attributing the grid with the area, length and/or frequency of occurrence of high value water dependent ecosystems. The purpose of the map is to identify strategic planning priorities for protecting and improving the health of high value waterways and water dependent ecosystems in the LGA. Once identified, 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 waterways and water dependent ecosystems so they provide the essential services and functions expected of a cool blue-green corridor.
Resource loca	ator
Data Quality	Name: Data Quality Statement
<u>Statement</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Data quality statement for High Ecological Value Waterways and Water Dependent Ecosystems - WOLLONDILLY LGA
	Function: download
<u>HEVwater</u>	Name: HEVwater WOLLONDILLY LGA
WOLLONDILLY LGA	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	This file contains ESRI format shapefile and jpg coverage map output.
	Function: download
<u>HEVwater</u> WOLLONDILLY LGA map	Name: HEVwater WOLLONDILLY LGA map
	Protocol: WWW:DOWNLOAD-1.0-httpdownload
	Description:
	Description: This file presents the HEVwater coverage within the Local Government Area.
Attachment	This file presents the HEVwater coverage within the Local Government Area.

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WATER-Groundwater MARINE-Coasts		WATER-Wetlands		
MARINE-Coasts		WATER-Hydrology		
MARINE-Estuaries				
		MARINE-Estuaries		

		ECOLOGY-Ecosystem
Originating cont	rolled vocabulary	
Title		ANZLIC Search Words
Reference date		2008-05-16
Geographic l	ocation	
West bounding	ongitude	150.01468
East bounding lo	ongitude	150.91076
North bounding	latitude	-34.33742
South bounding	latitude	-33.80174
NSW Place Nam	le	WOLLONDILLY LGA
Vertical exte	nt information	
Minimum value		-100
Maximum value		2228
Coordinate refe	rence system	
Authority code		urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system		5711
Temporal ext	ent	
Begin position		2019-07-26
End position		N/A
Dataset refer	ence date	
Resource ma	intenance	
Maintenance an	d update frequency	As needed
Contact info		
Contact positio	n	Data Broker
Organisation n	ame	NSW Department of Climate Change, Energy, the Environment and Water
Telephone nun	ıber	131555
Email address		data.broker@environment.nsw.gov.au
Web address		https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role		pointOfContact
		a has been utilised in the preparation of the HEVwater Integrated s within the Greater Sydney Region.
		nment.nsw.gov.au/dataset/hevwater-

Scope	dataset		
DQ Completene	ss Commission		
Effective date	2019-07-26		
Explanation	Dataset from Bionet is based on set date range. Data may contain duplicated sightings for same species within a single location.		
DQ Completene	ss Omission		
Effective date	2019-07-26		
Explanation	Dataset for Vegetation may contain absent species. No consistent and single vegetation layer is currently available. Vegetation is derived from multiple sources and dates.		
DQ Topological	Consistency		
Effective date	2019-07-26		
Explanation	Topological characteristics of the dataset is consistent with the source data used to derive the HEVwater products. Geodatabases have been used to ensure some accuracy is maintained throughout the process.		
DQ Absolute Ext	ternal Positional Accuracy		
Effective date	2019-10-03		
Explanation	Limited ground truthing of individual attributes have taken place in the South Creek/Wianamatta catchment via direct field assessments in 261 sites and this has foun that the overall map of 'High Ecological Value Waterways and Water Dependent Ecosystems' has an accuracy of >80%.		
	However, it is recommended that ground truthing of the map for your local LGA be undertaken prior to any decisions being made.		
Responsible	party		
Contact position	on Data Broker		
Organisation n	ame NSW Department of Climate Change, Energy, the Environment and Water		
Telephone nun	nber 131555		
Email address	data.broker@environment.nsw.gov.au		
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible pa	arty role pointOfContact		
Metadata poi	int of contact		
Contact positio	on Data Broker		
Organisation n	ame NSW Department of Climate Change, Energy, the Environment and Water		
Telephone nun	nber 131555		
Email address	data.broker@environment.nsw.gov.au		
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible pa	arty role pointOfContact		
Metadata dat	te 2024-02-26T13:24:51.026082		
Metadata lan	iguage		