

Title	High Ecological Value Waterways and Water Dependent Ecosystems - WOLLONDILLY LGA
Alternative title(s)	HEVwater WOLLONDILLY LGA
Abstract	<p>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.</p> <p>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.</p>

## Resource locator

<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for High Ecological Value Waterways and Water Dependent Ecosystems - WOLLONDILLY LGA</p> <p>Function: download</p>
<a href="#">HEVwater WOLLONDILLY LGA</a>	<p>Name: HEVwater WOLLONDILLY LGA</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>This file contains ESRI format shapefile and jpg coverage map output.</p> <p>Function: download</p>
<a href="#">HEVwater WOLLONDILLY LGA map</a>	<p>Name: HEVwater WOLLONDILLY LGA map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>This file presents the HEVwater coverage within the Local Government Area.</p> <p>Function: download</p>
<a href="#">Attachment 1_Wollondilly</a>	<p>Name: Attachment 1_Wollondilly LGA Indicators</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p>

**LGA Indicators****Description:**

Datasets describing high value waterways and water dependent ecosystems in the Wollondilly LGA

Function: download

**Unique resource identifier**

Code 509ccc27-26c5-4375-8649-af1dadd6b3f5

Presentation form mapDigital

Edition 1

Dataset language eng

**Metadata standard**

Name ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Version 1.1

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/509ccc27-26c5-4375-8649-af1dadd6b3f5>

Purpose Local Government Local Strategic Planning Statements

Status completed

**Spatial representation**

Type vector

Geometric Object Type complex

**Spatial reference system**

Authority code GDA94 / MGAZone 56

Code identifying the spatial reference system 28356

Spatial resolution 100 m

Topic category Biota

**Keyword set**

keyword value  
 WATER  
 WATER-Wetlands  
 WATER-Hydrology  
 WATER-Groundwater  
 MARINE-Coasts

## Originating controlled vocabulary

Title	ANZLIC Search Words
Reference date	2008-05-16

## Geographic location

West bounding longitude	150.01468
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East bounding longitude	150.91076
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North bounding latitude	-34.33742
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South bounding latitude	-33.80174
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NSW Place Name	WOLLONDILLY LGA
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## Vertical extent information

Minimum value	-100
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Maximum value	2228
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## Coordinate reference system

Authority code	urn:ogc:def:cs:EPSG::
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Code identifying the coordinate reference system	5711
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## Temporal extent

Begin position	2019-07-26
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End position	N/A
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## Dataset reference date

Date type	creation
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Effective date	2019-07-26
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## Resource maintenance

Maintenance and update frequency	asNeeded
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Date of next update	2026-06-30
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## Contact info

Organisation name	Department of Planning, Industry and Environment
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Full postal address	PO Box A290
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Sydney South

NSW

1232

Australia

data.broker@environment.nsw.gov.au

Telephone number	131555
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Facsimile number

02 9995 5999

Email address

[data.broker@environment.nsw.gov.au](mailto:data.broker@environment.nsw.gov.au)

Responsible party role

pointOfContact

## Lineage

Original lineage source data has been utilised in the preparation of the HEVwater Integrated layers for each of the LGAs within the Greater Sydney Region.

Refer to: <https://iar.environment.nsw.gov.au/dataset/hevwater-wollondilly/resource/ec580951-fd33-48cc-9298-8cb9ea3d2daf>

## Constraint set

Use constraints

This data is provided under a Creative Commons Attribution 4.0 licence <http://creativecommons.org/licenses/by/4.0> Attribute 'Department of Planning, Industry and Environment ' in publications using this data.

Limitations on public access

Scope

dataset

### Completeness Commission

Date type

creation

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.

### Completeness Omission

Date type

creation

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.

### Topological Consistency

Date type

creation

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.

### Absolute External Positional Accuracy

Date type

publication

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 found 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	Data Broker
Organisation name	Department of Planning, Industry and Environment
Full postal address	PO Box A290 Sydney South NSW 1232 Australia data.broker@environment.nsw.gov.au
Telephone number	131555
Facsimile number	02 9995 5999
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="http://www.planning.nsw.gov.au/">http://www.planning.nsw.gov.au/</a>
Responsible party role	pointOfContact

## Metadata point of contact

Contact position	Data Broker
Organisation name	Department of Planning, Industry and Environment
Full postal address	PO Box A290 Sydney South NSW 1232 Australia data.broker@environment.nsw.gov.au
Telephone number	131555
Facsimile number	02 9995 5999
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Responsible party role	distributor

**Metadata date** 2019-07-26

**Metadata language** eng