Title High Ecological Value Waterways and Water Dependent Ecosystems - LANE COVE LGA

Alternative title(s)

HEVwater LANE COVE LGA

Abstract

A map of the high ecological value waterways and water dependent ecosystems for the Lane Cove 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 Areas. 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 14 indicators making up the map for the Lane Cove 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 locator

<u>Data Quality</u> 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 - LANE COVE LGA

Function: download

HEVwater LANE COVE LGA Name: HEVwater LANE COVE LGA

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

Description:

This file contains ESRI format shapefile and jpg coverage map output.

Function: download

HEVwater
LANE COVE
LGA map

Name: HEVwater LANE COVE LGA map

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

Description:

This file contains ESRI format shapefile and jpg coverage map output.

Function: download

Attachment
1_Lane Cove
LGA Indicators

Name: Attachment 1 Lane Cove LGA Indicators

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

Description: Datasets describing high value waterways and water dependent ecosystems in the Lane Cove LGA Function: download Unique resource identifier Code b033c611-8cba-4412-bab0-93ffa4c88ed7 Presentation mapDigital form Edition 1 **Dataset** eng language Metadata standard ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO Name 19115:2005, Geographic information - Metadata 1.1 Version Dataset URI https://datasets.seed.nsw.gov.au/dataset/b033c611-8cba-4412-bab0-93ffa4c88ed7 Purpose Local Government Local Strategic Planning Statements Status completed Spatial representation Type vector Spatial reference system Authority code GDA94 / MGAZone 56 Code identifying the spatial 28356 reference system **Spatial** 100 m resolution **Topic category** Keyword set **WATER** keyword value **WATER-Wetlands** WATER-Hydrology WATER-Groundwater **MARINE-Coasts MARINE-Estuaries ECOLOGY-Ecosystem**

Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.1421
East bounding longitude	151.19827
North bounding latitude	-33.84334
South bounding latitude	-33.80305
NSW Place Name	LANE COVE LGA
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	2019-07-26
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	None
Contact info	
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Full postal address	NSW
	Australia
	data.broker@environment.nsw.gov.au
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Responsible party role	pointOfContact

Refer to: $\frac{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-dee7-40a9-87b4-f9bd3fcea67b}{https://iar.environment.nsw.gov.au/dataset/hevwater-lane-cove/resource/dbe3ee7d-de$

Limitations on public access

Scope dataset

Responsible party

Contact position Data Broker

Organisation name NSW Department of Climate Change, Energy, the Environment and Water

Full postal address NSW

Australia

data.broker@environment.nsw.gov.au

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

Web address https://www.nsw.gov.au/departments-and-agencies/dcceew

Responsible party role pointOfContact

Metadata point of contact

Contact position Data Broker

Organisation name NSW Department of Climate Change, Energy, the Environment and Water

Full postal address NSW

Australia

data.broker@environment.nsw.gov.au

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

Responsible party role distributor

Metadata date 2019-07-26

Metadata language eng