Title

Wetlands of the lower Mehi River and Ballin Boora Creek: Ecological values and flow constraints February 2022

#### **Abstract**

A total of 25 unique feature types were captured across the lower Mehi River system via on-screen mapping in February 2022. These features include channel beds, forested and non-forested wetlands, croplands, and constructed features. A total 2,511 polygons were mapped across a combined area of 14,396 ha. Based on their structure and floristics, mapped wetlands were assigned one of 20 plant community types, the most extensive including river red gum tall open forest (PCT 36), coolabah-river coobalignum woodland (PCT 39), ephemerally flooded channels (PCT 53a), and permanently flooded watercourse channels and beds (PCT 238a). The layer includes the following key information about each wetland connected to the Mehi River or Ballin Boora Creek: Type (natural, constructed, cropped) Height-CTF (elevation of commence to flow point) Maximum volume (ML) Maximum depth (m) Perimeter length (m) Perimeter length that comprised fringing forest/woodland (m) Various ratings and a final priority score Wall, J.P. (2022). Wetlands of the lower Mehi River and Ballin Boora Creek: Ecological values and flow constraints. Report to the NSW Department of Planning, Industry and Environment. 2rog Consulting.

#### Resource locator

Data Quality Statement Name: Data Quality Statement

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

Description:

Data quality statement for Wetlands of the lower Mehi River and Ballin Boora Creek

February 2022

Function: download

PDF Report Wetlands of the Lower Mehi River and Ballin Boora Creek

Name: PDF Report Wetlands of the Lower Mehi River and Ballin Boora Creek Feb 2022

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

Description:

Project name: Wetlands of the lower Mehi River and Ballin Boora Creek Report name Ecological values and flow constraints Date 25/02/2022 Version 3 Status Final Prepared by Dr Julian Wall Company 2rog Consulting Reviewed by Dr Paul Frazier Approved by Dr

Julian Wall

Function: download

Download Package

Feb 2022

Name: Download Package

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

Description:

Data (Shapefile) and PDF Document

Function: download

### Unique resource identifier

Code 88137043-fe36-4a29-80dc-0f0403cb385c

Presentation

form

Map digital

Edition version 3

Dataset

language

English

#### Metadata standard

Name

ISO 19115

Edition

2016

Dataset URI	https://www.planningportal.nsw.gov.au/opendata/dataset/88137043-fe36-4a29-80dc- 0f0403cb385c	
Purpose	Delivery of environmental water to key floodplain and wetland assets in the Murray-Darling Basin is a focus of Commonwealth and State water planning and policy. To improve water delivery outcomes, knowledge about wetlands and other water-dependent assets and an understanding of hydrological constraints to water delivery are essential. This project aimed to improve the evidence-base around wetland assets and physical constraints to water delivery within the lower Mehi River and Ballin Boora Creek in north-west NSW (part of the Gwydir catchment).	
Status	Completed	
Spatial representation		
Туре	vector	
Spatial reference system		
Code identifying the spatial reference system	4283	
Spatial resolution	100 m	
Topic categor	y inlandWaters	

Keyword set			
keyword value	WATER-Wetlands		
	VEGETATION		
	FISHERIES-Freshwater		
	VEGETATION-Structural		
Originating controlled vocabulary			
Title	ANZLIC Search Words		
Reference date	2008-05-16		
Geographic location			
NSW Place Name	Mehi River		
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	2022-02-25		
End position	N/A		
Dataset reference date			
Resource maintenance			
Maintenance and update frequency	Not planned		
Contact info			
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	data.broker@environment.nsw.gov.au		
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew		
Responsible party role	pointOfContact		
Lineage	test		

### Constraint set

Use constraints

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Limitations on public access

# 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 <a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>

Responsible party role pointOfContact

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Responsible party role pointOfContact

Metadata date 2024-02-26T13:32:01.749905

## Metadata language