

Title

NSW Joint Private Works Schemes-Private Water Corporations

Abstract

The mapped boundaries of Private Water Corporations within the State of NSW and the parcels within them are described. Private Water Corporations are former private irrigation districts and private drainage boards and unions.

In the first half of 2024 the boundaries of the Private Water Corporations were mapped by NSW Public Works within a single spatial (GIS) dataset using a reference NSW cadastre from February 2024 and a datum of GDA2020. The Private Water Corporations boundaries were mapped using the following methods in descending order:

1. Georeferencing images of gazetted maps to the NSW Cadastre and matching boundaries.
2. Following gazetted boundary descriptions. This would typically require georeferencing an image of a Parish Plan that was published at a similar date to the gazettal notice to provide context to the descriptions. NSW Spatial Services Aerial Imagery was traced when descriptions or maps referred to physical boundaries like creeks, rivers, and water channels.
3. Using a gazetted schedule of parcels.
4. Using Parish Plans when Private Water Corporations were mapped on them.

The list of Private Water Corporations and the references to gazettal notices was provided by the Water Group, Department of Climate Change, Energy, the Environment and Water, NSW Government.

Note: If you would like to ask a question, make any suggestions, or tell us how you are using this dataset, please visit the [NSW Water Hub which has an online forum](#) you can join.

Resource locator

[Data Quality Statement](#)

Name: Data Quality Statement

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

Description:

Data quality statement for NSW Joint Private Works Schemes-Private Water Corporations

Function: download

[Private Water Corporations Parcel List.xlsx](#)

Name: Private Water Corporations_Parcel_List.xlsx

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

Description:

Private Water Corporations Parcel List Spreadsheet

Function: download

[GIS Data.zip](#)

Name: GIS Data.zip

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

Description:

The mapped boundaries of PRIVATE WATER CORPORATIONS are mapped as polygons that can contain multiple parts and holes. Within a Geographic Information System (GIS) a multipart polygon means a single record or feature that is mapped by more than 1 discrete polygons. At creation all Private Works Corporations were described with a single perimeter and contiguous parcels with or without holes. However, amendments to Corporations can split a Corporations into multiple parts and Corporations described of a schedule of parcels may result in small corridors between parcels. Furthermore, the transition of water supply methods from channels to pipes has the implication of supply to discrete properties.

Note: The Zip file comprises of File Geodatabase and ESRI Shapefile.

Function: download

Map Series

Name: Map Series

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

Description:

Gazetted PDF map boundaries - A composed map using the pdf filetype is produced for each current Private Water Corporation boundary.

Function: download

Metadata Statement - Questionnaire - PrivateWaterCorporations_20241024

Name: Metadata Statement - Questionnaire - PrivateWaterCorporations_20241024

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

Description:

Metadata Statement - Questionnaire - PrivateWaterCorporations_20241024

Function: download

Water/Joint_Private_Works_Schemes (MapServer) - ESRI Map Service

Name: Water/Joint_Private_Works_Schemes (MapServer) - ESRI Map Service

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

Description:

ESRI Rest Map Service of Joint Private Works Schemes

Function: download

Water/Joint_Private_Works_Schemes (FeatureServer) - ESRI Feature Service

Name: Water/Joint_Private_Works_Schemes (FeatureServer) - ESRI Feature Service

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

Description:

ESRI Rest Feature Service of Joint Private Works Schemes

Function: download

Unique resource identifier

Code f99a6fd3-d04a-4ff9-acea-bfd0e39c20e6

Presentation form Document digital

Edition 1.0

Dataset language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/f99a6fd3-d04a-4ff9-acea-bfd0e39c20e6>

Purpose To provide NSW Department of Climate Change, Energy, the Environment and Water (DCCEEW) and Scheme owners visualisation of their Private Works Schemes (drainage/water supply). The boundaries were created from Government Gazettes and Historical Parish Plans.

Status	Completed
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Topic category	

Keyword set	
keyword value	WATER
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	141
East bounding longitude	154
North bounding latitude	-37.7
South bounding latitude	-28
NSW Place Name	NSW
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	1890-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	As needed
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 access	

Responsible party

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Metadata date 2025-01-29T03:40:57.233002

Metadata language