

How To:

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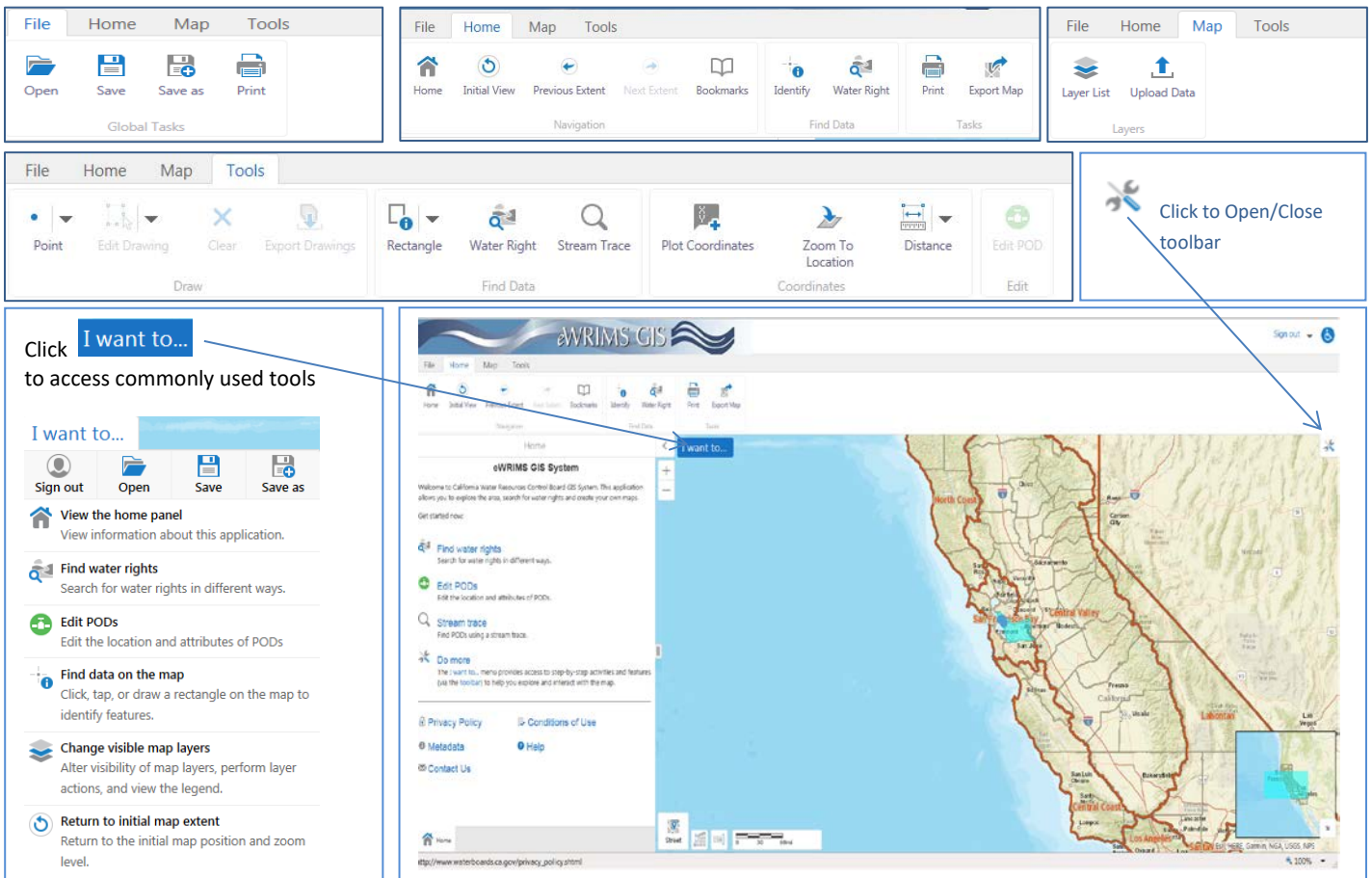
[Export water rights data to use in my GIS application](#)

[Retrieve more than 1000 records from a search or export](#)

[Report issues with the web site or needing more information about California water rights](#)

eWRIMS Overview

Note: In some cases there will be a few ways to access the same operation. For example, the print function can be accessed from the File or Home tab.



The screenshot shows the eWRIMS GIS application interface with several callouts:

- Global Tasks:** A toolbar with icons for Open, Save, Save as, and Print.
- Navigation:** A toolbar with icons for Home, Initial View, Previous Extent, Next Extent, Bookmarks, Identify, Water Right, Print, and Export Map.
- Find Data:** A toolbar with icons for Find Data and Tasks.
- Layers:** A toolbar with icons for Layer List and Upload Data.
- Draw:** A toolbar with icons for Point, Edit Drawing, Clear, and Export Drawings.
- Find Data:** A toolbar with icons for Rectangle, Water Right, Stream Trace, Plot Coordinates, Zoom To Location, Distance, and Edit POD.
- Coordinates:** A toolbar with icons for Plot Coordinates, Zoom To Location, and Distance.
- Edit:** A toolbar with an icon for Edit POD.
- Click to Open/Close toolbar:** A callout pointing to a wrench icon in the top right corner of the interface.
- Click 'I want to...' to access commonly used tools:** A callout pointing to the 'I want to...' menu in the top left corner of the map area.

The 'I want to...' menu is expanded, showing the following options:

- Sign out
- Open
- Save
- Save as
- View the home panel: View information about this application.
- Find water rights: Search for water rights in different ways.
- Edit PODs: Edit the location and attributes of PODs.
- Stream trace: Find PODs using a stream trace.
- Do more: The 'I want to...' menu provides access to step-by-step activities and features (use the toolbar to help you explore and interact with the map).
- Privacy Policy
- Conditions of Use
- Metadata
- Help
- Contact Us

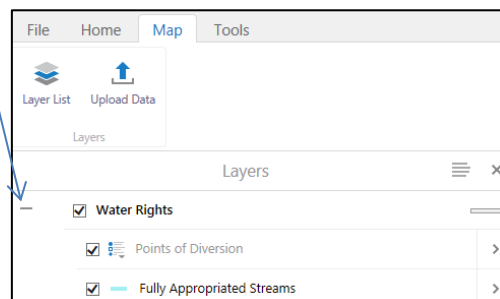
- **By Owner or Business:** Choose to find a water right by owner. Begin typing the last name or business name in the “Last Name” input box. Once the correct owner/business name appears, select it and click “Search”

- **By Watershed:** Select the down arrow to the right of the input box to open a list of watersheds. Select the watershed of interest and click “Search”.

- **By Stream Name:** Begin typing the stream name in the “Stream” input box. Select the stream of interest once it appears. Some counties have the same stream name, so selecting a county will ensure the correct stream is found.

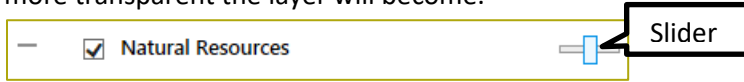
Turn a Map Layer On and Off

From the “Map” tab, select “Layers List” button and check the box next to a layer to turn it on and off in the map. To view all visible layers, click **+** next to the layer topic.



Adjust Transparency of a Map Layer



From the “Map” tab, select the “Layers List”. Next to the layer, move the slider to the left. The further left, the more transparent the layer will become.

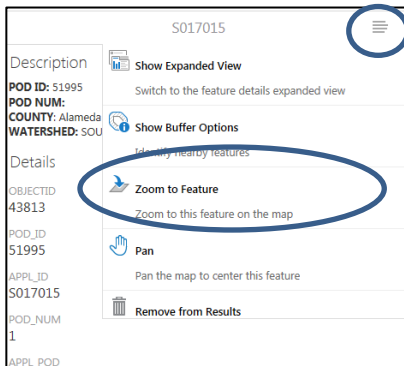


Data Update Frequency


Water Rights data is updated nightly.

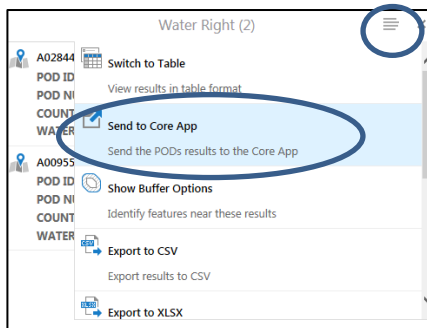
Navigate Around the Map

- **Pan:** Hold down the left click button on your mouse while moving around in the map window.
- **Zoom In/Out:** click on the $+$ to zoom in on the map or $-$ to zoom out. Using the roller on your mouse may also be an option.
- **Zoom to Coordinates:** From the “Tools” tab, select  and enter coordinates.
- **Zoom to Water Right:** Once a specific Water Right is selected, select  then “Zoom to Feature”.




Connect to eWRIMS Core Database



Upon initial search for a water right, a list will appear on the left side of the page. Select  then, “Send to Core App”.




Find Information About the Data (Metadata)

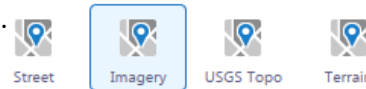
To access metadata, select  then  Metadata at bottom left of page.

Print A Map


Either from the “File” or “Home” tab select  Print . Choose document size, format, title, and scale (if necessary) then click  .

Change the Base Map


To change the default base map from a street view to imagery, topo, or terrain; select  Street
From the bottom left of map and select the base map of choice.

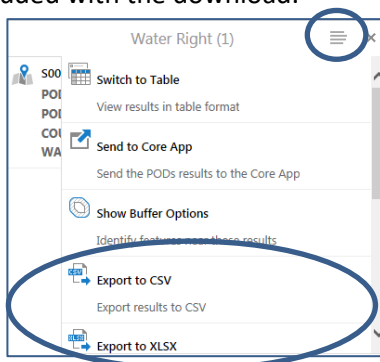


Export a Map

Select the “Home” tab and click  Export Map . Choose one of the formats available and select “Create Image” then “View Image” to download and display the map.

Export Water Rights Data for GIS use

Upon initial search for a water right, a list appears on left side of the page. Select  then, “Export to CSV” or “Export to XLSX”. A Latitude and Longitude field with coordinates in the Decimal Degree, NAD83 format will be included with the download.





Retrieve more than 1000 records from a search or export

In order to optimize performance over the Internet, the number of results returned from a Search, Stream Trace or Export operation is capped at 1000 records. Users wishing to retrieve more than 1000 records may send a

request to GIS@waterboards.ca.gov. Please include a description of the data you wish to retrieve (e.g., “all points of diversion upstream from Folsom Dam”) and the best method to contact you.

Contact Us

If having problems with the website or needing more information about California water rights, contact us by selecting  then  [Contact Us](#) at bottom left of page.