CALIFORNIA Water Boards

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eWRIMS

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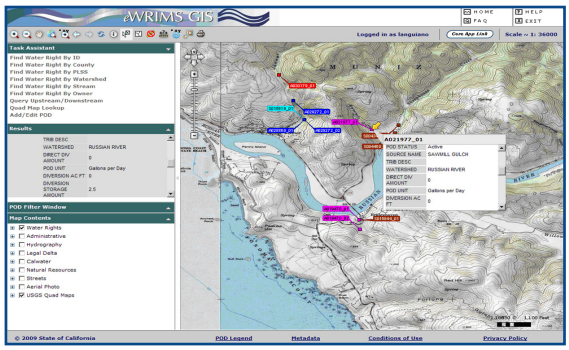
WHAT IS eWRIMS?

The Web-based Enhanced Water Right Information Management System (eWRIMS) was developed by the State Water Board to track information on water rights in California. eWRIMS contains information on water right permits and licenses issued by the State Water Board and other claimed water rights. eWRIMS is also a module of the State Water Board's California Integrated Water Quality System (CIWQS) program. eWRIMS provides the public and staff internet access to California's water rights information by combining a tabular database with a Geographic Information System (GIS) database system.



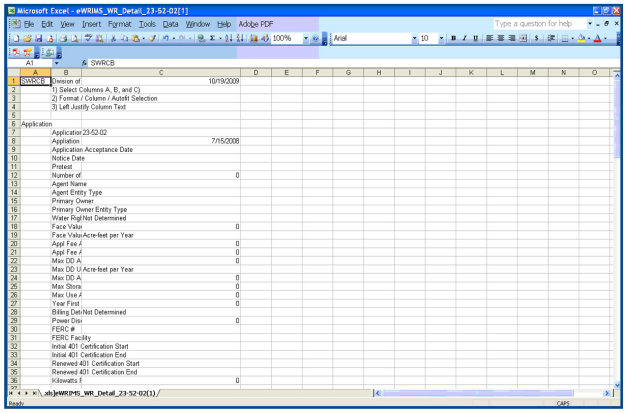
THE BIRTH OF eWRIMS

The enhanced water right system went live September of 2007, and throughout the past two years eWRIMS has been used by staff, management, and the public. eWRIMS provides information on water right holders, location of water rights and other information mandated by state law. eWRIMS supports GIS functionality, online reporting functions, and annual fee billing processes. It also provides the public with copies of water right permits, licenses, registrations and revocations.

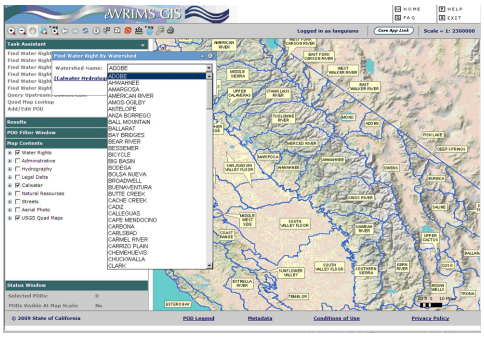
OTHER FUNCTIONS OF eWRIMS

eWRIMS is used for calculating and billing the water right annual fees. The State Water Board's Division of Water Rights works with the Board of Equalization (Equalization) to accurately access water right fees for each water right. eWRIMS also provides the water right's face value amount to allow water right holders to check the accuracy of the billing. The State Water Board and Equalization exchange data through a secured FTP site.

All public users or stakeholders have access to eWRIMS data and can download information pertaining to water rights into an excel spreadsheet.



For the two years that eWRIMS has been in production, improvements have continually been made to various modules of eWRIMS.



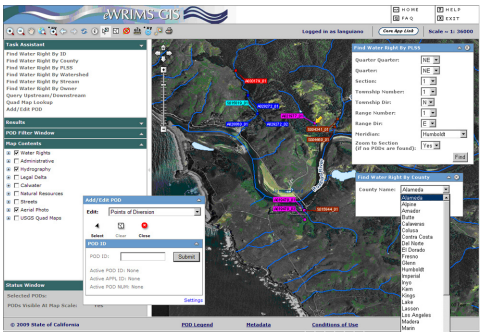
HOW THIS SYSTEM HELPS STAFF STREAMLINE BUSINESS PROCESSES:

- tracks workflow and end product
- determines and tracks annual water right fee bills
- combines formerly separate databases into one
- tracks inspection and complaint information

WHAT THE WEB-BASED SYSTEM DOES:

Public and staff can search for details about water rights by:

- water right status
- water right type
- primary owner
- water right ID; (application, permit or license number)
- watershed, county, or source of the water



HOW WATER RIGHTS CAN BE SEEN ON GIS:

GIS staff within the Office of Information Management Analysis (OIMA) has maintained the GIS application providing critical maintenance support as well as enhancements. The eWRIMS GIS application is served out by one of the most advanced GIS enterprise architecture in California.

The eWRIMS Web-based GIS displays real-time data by:
•providing a printable graphic display of Points of Diversion (PODs)
•moving between the data application and mapping functions for easy searches
•mapping for upstream and downstream POD searches
•displaying fully-appropriated streams to determine if water is available
•providing usgs quadrangle and aerial photograph layers

Further information can be found by going to our website at:

http://www.waterboards.ca.gov/ewrims
Or contact us by emailing us at
ewrims@waterboards.ca.gov
or call (916) 341-5300.