Regional Watercraft Inspection and Decontamination Data Sharing System

What is the WID Data Sharing System?

The Regional Watercraft Inspection and Decontamination (WID) Data Sharing System (System) is currently used at more than 200 locations across the west. The purpose of the System is to record information related to WID electronically and to share information in a timely manner across jurisdictions to aid collaborative efforts to prevent the spread of zebra and quagga mussels and other aquatic invasive species (AIS).

Entities Employing WID Mobile for Data Collection

Legend
WID Mobile
- Current User
- Potential User
- No WID

Alaska

Hawaii

The System consists of a mobile application, website and a shared database hosted on a private server. The mobile application is compatible on all iOS and Android devices. This reduces the operating costs for mobile data collection and data entry while increasing accuracy. It provides for improved reliability in data collected in the field at WID stations, in addition to rapid query capacity for on-demand reporting. The System is password protected and not publicly available. No personal information is stored within the System. Lead agencies are able to customize the user interface of the mobile application in alignment with both western regional standards and state or local laws, regulations, and priorities.

Current Uses

The System is used for data entry, viewing, editing, querying, and reporting. An included risk assessment tool shows where boats are moving after launching in mussel infested waters and sends an alert to the nex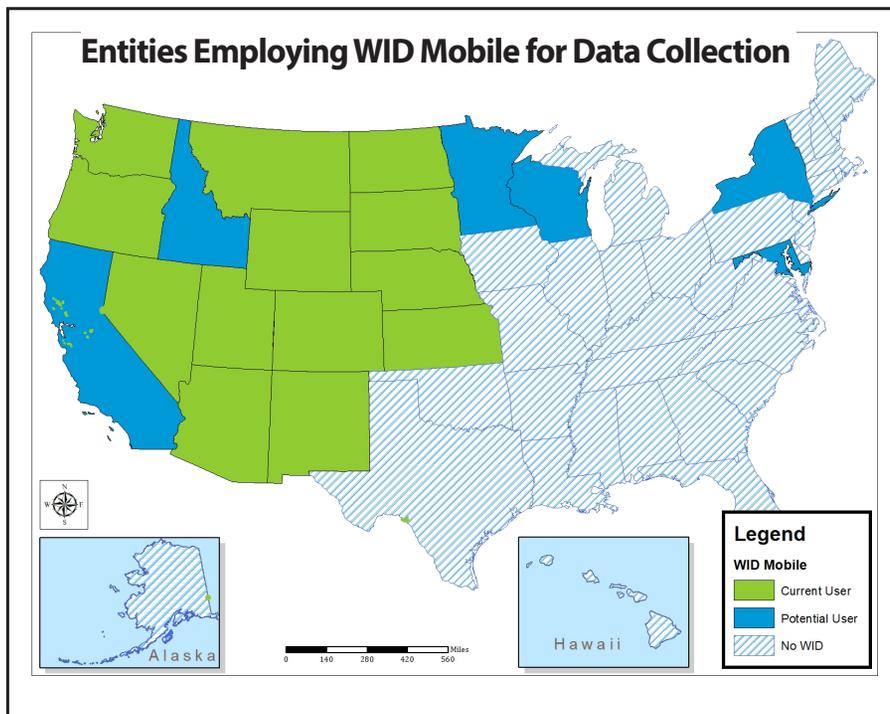t known destination. With the benefits of data sharing proving to be abundant, the states of Arizona, Nevada and Utah have been using the System to send out timely electronic alerts of watercraft leaving infested waters. This increased timely communication has directly increased the number of infested watercraft being intercepted within the western region before launching in uninfested waters.

Users

The System was developed by Colorado Parks and Wildlife (CPW) and is owned and operated by CPW. The states of Arizona, Colorado, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Washington, and Wyoming as well as several National Park Service sites and several locations within California including Solano County Water Agency, Big Bear Municipal Water District, County of Lake, Los Angeles County, San Luis Reservoir, New Melones, Santa Clara County, County of Monterey, San Luis Obispo County, San Luis Reservoir, United Water Conservation District, Nevada Irrigation District and Folsom Lake are now employing the Regional WID Data Sharing System as their primary form of data collection and management. As users increase, this system will continue to improve communications among jurisdictions to enable field staff and managers to accurately focus resources towards effective risk mitigation related to the prevention and containment of zebra and quagga mussels and other harmful AIS.

How To Gain Access to the System

Contact the CPW Invasive Species Program at invasive.Species@ state.co.us or 303-291-7295. Users must be approved by the state of origin and authorized/certified to perform WID. A webinar will be scheduled to set up the user account which will take an hour. It is expected that users include a short video in their WID training classes.

Users must purchase and provide their own mobile devices and internet connection. CPW provides the mobile app, website and database (for free, thanks to federal grants). Users are responsible for their own hardware and connectivity. The system is password protected and not publically available.

Quagga

© U.S. GEOLOGICAL SURVEY

Zebra

© LAUREN LIVO AND STEVE WILCOX

System Governance

CPW manages and operates the System through a private industry contract utilizing federal grant dollars. The data itself is the property of the state agency that input the information.

CPW leads a Governance Committee, consisting of lead agencies, charged with evaluating and prioritizing user requests, proposed changes and enhancements. The Governance Committee also works collaboratively to determine the viability and usefulness of new technologies.

System Help Desk

For assistance with the ANS web or mobile application, please contact Istonish help desk at helpdesk@istonish.com or 1-888-390-7275

Contact Information

For information on the Regional WID Data Sharing System and Governance Committee, contact Colorado Parks and Wildlife's Invasive Species Program at invasive.species@state.co.us or 303-291-7295.

Funding provided by