Using the New Water Quality Portal
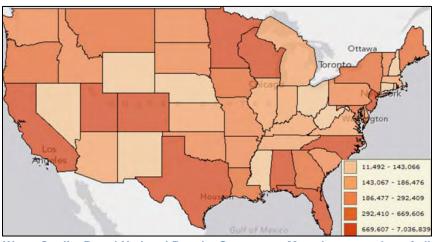
Join us for a webcast to learn more about the new Water Quality Portal (Portal) for water quality data – a team effort by the U.S. Geological Survey, the U.S. Environmental Protection Agency and the National Water Quality Monitoring Council (NWQMC). The Portal brings together chemical, physical and microbiological data from USGS's National Water Information System (NWIS) and EPA's Storage and Retrieval Data Warehouse (STORET) and provides it to scientists, policy-makers, and the public in a single, user-friendly web interface. The Portal reduces the burden to data users searching, compiling, and formatting water monitoring data for analysis. This webcast will include both informational presentations and a demonstration of the Portal in action. Users can access the Portal at www.waterqualitydata.us.

Water Quality Portal National Results Coverage - Map shows number of all discrete samples by state - and includes data from both NWIS and STORET (data from 9/27/12).

The Portal provides water quality data from federal, state, tribal and other water partners. Users have the option to filter data using geographic and sample parameters and to narrow down the dataset by state, county, organization, watershed, or sites of interest. Data can be retrieved in a number of formats including comma-separated, tab-separated, MS Excel, Keyhole Markup Language (KML) and Extensible Markup Language (XML) file formats making data usage a more seamless process.

The webcast will also highlight EPA's Water Quality Exchange (WQX-Web) which is a web-based data entry tool that enables data owners to upload their data so the public has access to the data through the new Water Quality Portal.

Instructors:

Susan Holdsworth, Chief, U.S. EPA's Monitoring Branch and Co-Chair of the National Water Quality Monitoring Council - Susan will kick off the webcast and provide a brief introduction to the new Water Quality Portal and the Water Quality Exchange.

Nate Booth, Lead Architect, Center for Integrated Data Analysis, U.S. Geological Survey, Madison, WI - Nate will demonstrate how to access water quality data from the new Water Quality Portal.

Charles Kovatch, WQX and STORET Team Leader, U.S. EPA's Monitoring Branch - Charles will demonstrate EPA's Water Quality Data Exchange – a tool that can be used to put data into the Water Quality Portal.

Registration:

You must register in advance to attend this webcast. Register at the Watershed Academy Webcast website at www.epa.gov/watershedwebcasts. Note: Your computer must have the capability of playing sound in order to attend this webcast. To view archived webcasts, go to www.epa.gov/watershedwebcasts,

Questions? Please contact Beth Orr at Beth.Orr@tetratech.com.