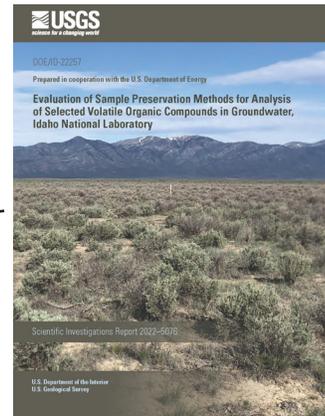


In a [new paper](#), Research Hydrologist Austin Baldwin and colleagues from the USGS, the University of California at Davis, and Idaho Power Company show that methylmercury concentrations in filter-passing water, zooplankton, suspended particles, and detritus increase in response to reservoir destratification in the [Hells Canyon Complex](#).

In [our latest report prepared in cooperation with the U.S. Department of Energy](#), we evaluate sample preservation methods for analyzing selected volatile organic compounds (VOCs) in groundwater at the Idaho National Laboratory.



As part of an effort to advance [streamflow monitoring in remote headwater streams](#), we evaluated the accuracy and suitability of three low-cost velocity measurement methods for estimating stream discharge in small streams. The study included 24 sites in 8 states, including Reynolds Creek in Owyhee County. [Results were published](#) in the Journal of the American Water Resources Association.

[More >](#)



# Idaho Hydrologic Update for September 2022

## New Staff: Megan Kenworthy



We have been introducing some of our new staff members over the last few months. This month we feature hydrologist [Megan Kenworthy](#). Megan's research interests are centered on instream processes, including sediment transport, flow hydraulics, and understanding changes in stream channel morphology. She holds an undergraduate degree in environmental studies from the University of Montana and Master of Science in hydrology from Boise State University.

## Before and After on the South Fork Coeur d'Alene River

We recently completed another seepage study to quantify the rate and quality of groundwater discharging to the South Fork Coeur d'Alene River between Kellogg and Smelterville. This effort mirrored one we [completed in 2017](#) prior to the U.S. Environmental Protection Agency's construction of a facility to capture and treat groundwater contaminated with trace metals. Results from this year's work will be compared to the study from five years ago to compare pre- and post-remediation conditions.



[usgs.gov/idahowater](https://usgs.gov/idahowater)

208.387.1300

Director: Roy Bartholomay

Deputy Director: Chris Mebane

Assistant Director for Data: Dave Evetts

Public Information Officer: Tim Merrick