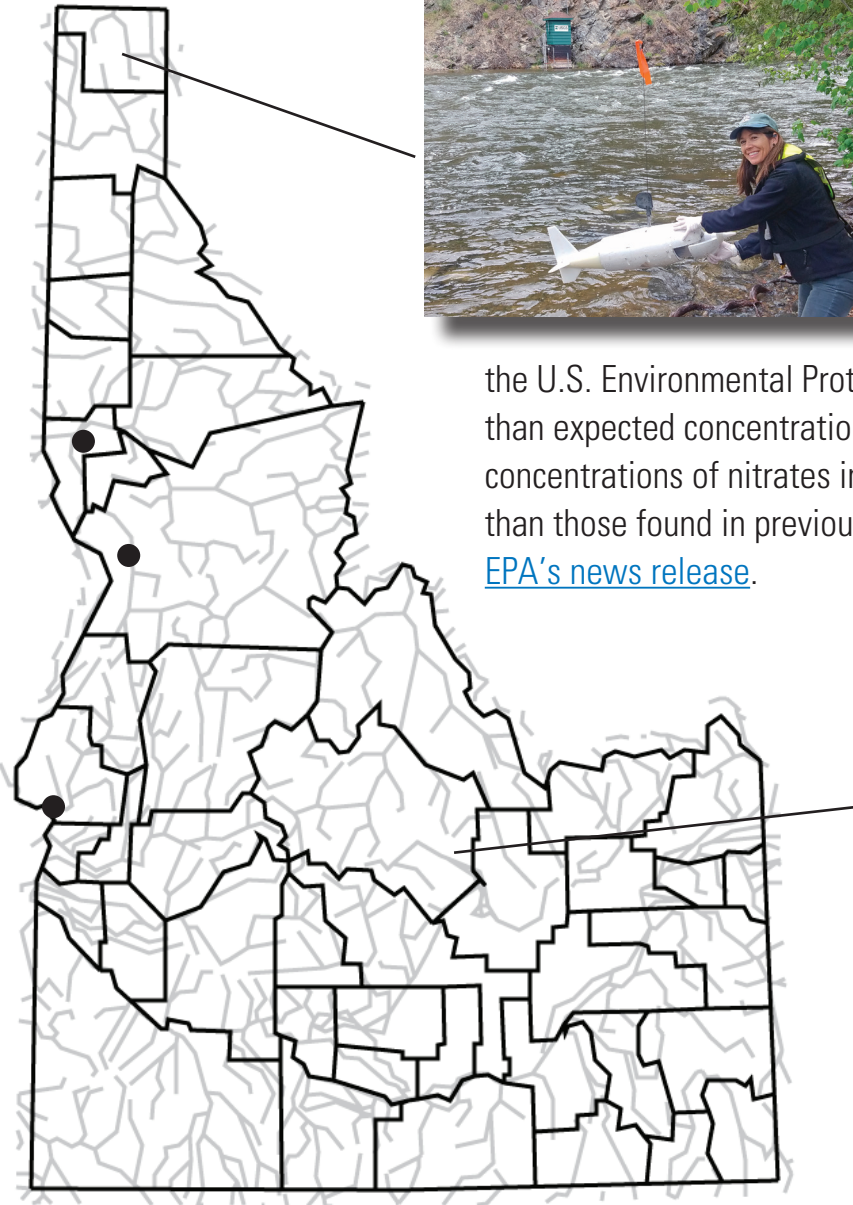


# Idaho Hydrologic Update for September 2019



The effects of upstream coal mining have raised concerns about impacts to the Kootenai River in Montana and Idaho. We released [water-quality and fish-tissue data](#) we collected from the Kootenai River and three tributaries in cooperation with

the U.S. Environmental Protection Agency. Results showed higher than expected concentrations of selenium in fish and water and concentrations of nitrates in water that are significantly higher than those found in previous sampling. For more details, [read EPA's news release](#).



Hydrologists from our Boise and Idaho Falls offices and the Idaho Department of Water Resources conducted [geophysical logging](#) of wells in the Big Lost River valley. They will use the data they collected to help construct a hydrogeologic framework of the valley's aquifer system. We are performing this work in cooperation with IDWR and the Idaho Water Resource Board.

Effective October 1, funding reductions will affect the following streamgauge stations:

- [13342500](#) - Clearwater River at Spalding in Nez Perce County
- [13317000](#) - Salmon River at White Bird in Idaho County
- [13266000](#) - Weiser River near Weiser in Washington County

Please follow the links to each station for details.

[More >](#)



# Idaho Hydrologic Update for September 2019

## Our Latest Publications

Evaluation of chemical and hydrologic processes in the eastern Snake River Plain aquifer based on results from geochemical modeling, Idaho National Laboratory, eastern Idaho

[USGS Professional Paper 1837-B](#)

Laboratory assessment of alternative stream velocity measurement methods

[PLoS ONE](#)

Arsenic, antimony, mercury, and water temperature in streams near Stibnite Mining Area, central Idaho, 2011–17

[USGS Scientific Investigations Report 2019-5072](#)

## Meet Our New Hydrologic Technicians



U.S. Marine Corps veteran and former Forest Service employee Sean Patton has joined our Boise Field Office. Sean is a graduate of Paul Smith's College in the Adirondacks of New York, and he has previous USGS experience with our New York and Pennsylvania Water Science Centers.



Jeremy Wall joined our Idaho Falls Field Office from the USGS Central Midwest Water Science Center. Jeremy graduated from the University of Kansas and was previously employed by the State of Missouri as a Superfund Remediation Project Manager, primarily overseeing cleanup of contamination due to lead mining and smelting.

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208.387.1300

Director: Kyle Blasch

Deputy Director: Christian Schmidt

Assistant Director: Dave Evetts

Public Information Officer: Tim Merrick

