



United States Department of the Interior

U.S. Geological Survey

USGS Washington Water Science Center

934 Broadway, Suite 300

Tacoma, Washington 98402

(253) 552-1600. FAX (253) 552-1581

<http://wa.water.usgs.gov/>

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To: Keunyea Song, SAM coordinator
Washington State Department of Ecology, Olympia, WA

From: Richard W. Sheibley
Research Hydrologist, Washington Water Science Center, Tacoma, WA

Subject: First quarter update of USGS level logger maintenance

This memo summarizes and documents the first round of site visits for the 35 Puget Small Streams (PSS) SAM sites being sampled in water year 2020. The first round of site visits took place from the end of January to end of February. For the most part, all loggers were found, and data downloaded successfully. There were a few sites with complications.

The two reference sites, Griffin and Holder Creeks, had large floods and the conductivity and water level loggers were missing or buried. The water level loggers were replaced with new ones within a few weeks, however, there is not an excess supply of conductivity sensors. These loggers might be able to be recovered before then end of the water year and an update will follow.

At Coal creek (001-WUGA), the level logger was buried during a big winter storm. Revisits will focus on replacing and finding this sensor.

At McSorley Creek (002-WUGA), the conductivity sensor was lost, but water level logger still in place.

At West Hylebos Creek (005-WUGA), the water level logger was missing and replaced with a second one. Revisits will focus on finding the original one.

All other sensors were found intact and data downloaded.

Please feel free to contact me at any time with questions about this quarterly summary or any other project related issues.