



# United States Department of the Interior

U.S. Geological Survey

## USGS Washington Water Science Center

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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 for WY 2022 SAM small streams work

This memo summarizes and documents the continued work by USGS for the SAM small streams project. From October through December 2021.

During this time period, level loggers from all 33 of Puget Small Streams sites plus the two references sites (Dewatto and Griffin creeks) were downloaded and pulled out of the field. Data were transferred to network drives in Tacoma, WA to secure data integrity.

In addition to the retrieval of sensors from WY2021 sites, installation began for the WY2022 sites. All the sites from the original list of 33 sites have been visited. Of the original list of 33 sites, 17 had to be dropped, 16 were kept and sensors installed. Of the 15 sites dropped, 8 were replaced with back up sites. Reconnaissance is ongoing and 24 sites are collecting water level data.

Lastly, discussions on the SAM small stream budget for next year and beyond will need to take place before the current contract ends in June 2022. During this first year of reconnaissance of a full set of 33 stream sites, it became apparent that the time needed to complete this task was much more than initially planned. We had to visit over 70 stream sites to select the 33 used in 2021. This has taken a lot of time searching online and in the field for locations, access, and landowner details. We will provide an updated budget estimate to the SAM coordinator in the coming months.

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