



United States Department of the Interior

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Reporting period October to December, 2020

To: Keunyea Song, SAM coordinator

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From: Richard W. Sheibley

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Subject: Quarterly update of USGS level logger maintenance

This memo summarizes and documents the level logger download and maintenance work done during the 1st quarter of water year 2021, from October 1 through December 31, 2020.

During this time period, level loggers from all 33 Puget Small Streams sites plus the two references sites (Griffin and Holder creeks) were downloaded and pulled out of the field. This concluded the data collection for WY2020 at these sites. Data were transferred to network drives in Tacoma, WA to secure data integrity. The sensors at Griffin creek were replaced with a new set to continue data collection in WY2021. This is a sentential reference site for Ecology and will be sampled every year.

In addition to the retrieval of sensors from WY2020 sites, installation began for the WY2021 sites. Of the original list of 33 sites, 15 had to be dropped, 12 were kept and sensors installed, 3 of them the landowners were contacted and did not reply, and 3 still need an initial visit. Of the 15 sites dropped, 3 were replaced with back up sites. Reconnaissance is ongoing and 15 sites are collecting water level data.

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