

## Final Report for Peshastin Creek RM 10.5 PIT Tag Detection Site 6/8/16

### Project Summary

The project is located in the Wenatchee Subbasin in north-central Washington on Peshastin Creek. Site installation was completed on 3/22/16, and has been operating without interruption since. The PIT Tag Array power supply is located within the Washington State Department of Transportation (WSDOT) Right-of-Way (ROW) at the pull-out near the Ruby Creek Slide and the array itself was installed in Ruby Creek just upstream of the slide location (RM 10.5), in Peshastin Creek.

### Challenges

The WDFW Fish Science Office is extremely experienced in installing PIT Tag Arrays across Washington State. There were no challenges with the installation, which was timed with low seasonal flows to successfully install the equipment, nor have there been any challenges with current operation.

WDFW Contracting staff provided feedback regarding some of the contracting challenges faced with this project. Since WDFW is a state agency, our contracting rules made it necessary to create separate contracts with the Rock Island Tributary Committee and with WSDOT (landowner agreement). The WDFW Contracts Office was uncomfortable signing off on the landowner agreement, since the contract language included access for the Rock Island Tributary Committee, even though the Committee did not sign the landowner agreement.

### Suggestions to the Committee

Please consider adding a signature for the Tributary Committee in the Landowner Agreement.

### Final Work Products

Detected at the site (up to 6/2/16):

22 juvenile wild summer steelhead – all tagged last fall in Peshastin Creek

16 adult wild summer steelhead

1 adult unknown origin summer steelhead

The array also detected 4 juvenile hatchery coho and 2 juvenile hatchery chinook (all released in the Wenatchee River basin in April). This could be due to very strangely behaving juveniles, or in the belly of a bull trout, preyed on by a bird, etc.

A formal annual update report will be submitted to the Tributary Committee at the end of each calendar year with summaries from the site.

Photos (see below)





