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| --- | --- | --- | --- | --- | --- |
| Lead Entity: | Snake River Salmon Recovery Board |  |  | Date | Status**[[1]](#footnote-1)** |
| Project Number: | 17-1304 |  | Post-Application |  |  |
| **Project Name:** | Asotin IMW Monitoring 2017 |  | Final |  |  |
| **Project Sponsor:** | Asotin County Conservation District |  |
| Grant Manager: | Keith Dublanica |  |

# Project Summary *(for Monitoring Panel reference only)*

This proposal requests $150K to supplement the monitoring activities associated with the Asotin IMW project, which is investigating the effects of adding large wood to several sites in Asotin Creek on the productivity of juvenile steelhead. The funds will be used to support i) juvenile steelhead PIT tagging and mark-recapture surveys and replace damaged PIT tag array equipment, and ii) habitat monitoring using the Columbia Habitat Monitoring protocol (CHaMP). Three tributaries in Asotin Creek need to be monitored: Charley Creek, North Fork Asotin Creek, and South Fork Asotin Creek. extent of fish monitoring is 12 sites 300,500 m in length, 4 in each tributary (see attached map). The extent of the habitat monitoring is 12 CHaMP sites (length 160,200 m) in Charley and North Fork Creek – Tetra Tech is funding CHaMP monitoring in South Fork Creek in 2017. The updated study plan submitted with the proposal by Utah State University and Eco Logical Research is two years old and is essentially the same as the study plan for the Asotin IMW.

# FINAL Monitoring PANEL Comments

**Date:**  **Final Project Status: None**

**Monitoring Panel Member(s):**  Full Monitoring Panel

1. **If the project is a POC, identify the SRFB monitoring eligibility criteria used to identify the status of the project:**
2. **If the project is Conditioned, the following language will be added to the project agreement:**
3. **Other comments:**

# Monitoring PANEL Questions

**Date: 9/8/17 Project Status:** NMI

**Review Panel Member(s):**

1. **There is little in the narrative to describe the extent of damage or the PIT-tag items needing replacement. The proposed budget provides some information about what will be purchased but additional details in the study plan would help. In addition, the Asotin IMW project already includes funding for CHaMP and Rapid habitat assessments. Will the work covered by this proposal allow investigators to include additional habitat parameters not currently being surveyed by the CHaMP crew? As with the PIT-tag monitoring, more information about the new CHaMP survey elements would be helpful.**
2. **Power analysis is used to evaluate alternative sampling designs. Now that the project is 2 years post-treatment, can power analysis also be used to predict when significant changes in steelhead abundance or production could be known?**

1. CLEAR: Cleared to proceed; CONDITIONED: Cleared to proceed with a condition; NMI*:* Needs More Information; POC: Project of Concern; NOTEWORTHY: Exemplary Project [↑](#footnote-ref-1)