

# Salmon Recovery Funding Board

## Individual Comment Form



<b>Lead Entity:</b>	Upper Columbia
<b>Project Number:</b>	16-1787
<b>Project Name:</b>	Peshastin Irrigation District Pump Exchange Project, Conceptual Design
<b>Project Sponsor:</b>	Chelan County Natural Resources Department
<b>Grant Manager:</b>	Marc Duboiski

	<b>Date</b>	<b>Status<sup>1</sup></b>
Post-Application	09/20/2016	<b>CLEAR</b>
Final	09/20/2016	<b>CLEAR</b>

### PROJECT SUMMARY (for Review Panel reference only)

The objective of the Peshastin Irrigation District (PID) Pump Exchange Project is to divert water from the Wenatchee River near Dryden and deliver it to the PID Canal, allowing for reduced diversions and increased flows in the lower 2.4 miles of Peshastin Creek. The intent is to reduce late summer diversions from Peshastin Creek, which will increase flows in lower Peshastin Creek to improve passage, holding and rearing conditions for all three listed species. Restoration of instream flows in lower Peshastin Creek is a high priority recommendation from the UCRTT. PID currently diverts up to 50-cfs flow from Peshastin Creek approximately 2.4 miles upstream of its confluence with the Wenatchee River. The resulting diversion exacerbates low flow conditions in lower Peshastin Creek that prevent fish passage, increase water temperature and reduces rearing habitat. Chelan County has been working with PID to identify and implement projects designed to improve late summer instream flows and fish passage for several years. The PID has implemented water conservation projects to reduce its diversion and has an agreement in place to maintain a minimum flow through the fishway at its diversion dam on Peshastin Creek. An Appraisal Study was completed this year with a preferred alternative selected for pump station location and piping alignment. Next steps include completing final design to define pump station operations (design flow, duration and timing), habitat benefits and design.

### FINAL REVIEW PANEL COMMENTS

**Date: September 20, 2016**

**Final Project Status: Clear**

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

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

### POST-APPLICATION REVIEW PANEL COMMENTS

**Date: September 20, 2016**

**Project Status: Clear**

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

1. If the project is a POC, identify the SRFB criteria used to determine the status of the project:
2. If the project is a POC, identify the changes that would make this a technically sound project:
3. If the project is Conditioned, the following language will be added to the project agreement:

<sup>1</sup> CLEAR: Cleared to proceed; CONDITIONED: Cleared to proceed with a condition; NMI: Needs More Information; POC: Project of Concern; NOTEWORTHY: Exemplary Project

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### 4. General comments:



#### SPONSOR RESPONSE INSTRUCTIONS:

If your project is not cleared (i.e. has a status of NMI, Conditioned, or POC) you must update your proposal, PRISM questions, or attachments as necessary to address the review panel's comments. Use track changes when updating your proposal. Fill out the section at the end of your project proposal to document how you responded to comments.

### DRAFT APPLICATION / SITE VISIT REVIEW PANEL COMMENTS

**Date:** May 11, 2016

**Project Site Visit?**  Yes  No

**Review Panel Member(s):** Michelle Cramer and Steve Toth

1. **Recommended improvements to make this a technically sound project according to the SRFB's criteria:**
2. **Missing Pre-application information.**
3. **General Comments:**

The Peshastin Irrigation District (PID) pump exchange project has the potential to provide significant in-stream flow benefits to Peshastin Creek of up to 20 cfs during low flow periods. The proposed pump station facility to replace the current diversion, however, has significant costs and uncertainties. Depending on the alternative chosen and whether the Icicle Creek irrigation district is added, total expected costs vary from \$6.5 million to \$19 million. The project sponsor has been exploring opportunities to fund the necessary annual pump operation and replacement costs, but project implementation is many years away and still involves much discussion with stakeholders about various alternatives and funding.

### 4. Staff Comments:



#### SPONSOR RESPONSE INSTRUCTIONS:

Revise your project proposals using "track changes" and update any relevant PRISM questions and attachments. Fill out the section at the end of your project proposal to document how you responded to comments.