

Project #16-1787, Peshastin Irrigation District Pump Exchange

Current Status: Application Submitted

Project Details

Primary Sponsor: Chelan County Natural Resource Department

Primary Contact: Michael Kaputa
(509) 667-6584
mike.kaputa@co.chelan.wa.us

Funding Program: Salmon State Projects

Lead Entity: Upper Columbia Salmon Recovery Board Lead Entity

Project Type: Planning

Project Description

Chelan County will use these funds to work with the Peshastin Irrigation District (PID) to complete preliminary designs for a proposed pump exchange facility that would deliver up to 30 cfs from the Wenatchee River to the Peshastin Irrigation District Canal during late summer critical low flow period. This would allow for a corresponding reduction in diversions from Peshastin Creek, thus increasing instream flow to the lower 2.4 miles of Peshastin Creek and a portion of the Wenatchee River. Increased instream flows in lower Peshastin Creek during the late summer critical low flow period would improve passage conditions for Chinook salmon and bull trout, improve spawning habitat for Chinook salmon, and improve rearing habitat for Chinook salmon, bull trout, and steelhead. An appraisal study was prepared in 2012 to evaluate alternatives for pumping water from the Wenatchee River to the PID Canal. A preferred alternative (Alternative 1) was selected and is the alternative being proposed here. Peshastin Creek is a Priority 2 area with a major spawning population of steelhead, a minor spawning population of Spring Chinook, and a core area for bull trout. The priority action for lower Peshastin Creek is to increase instream flows.

Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
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Completion Date

Projected date of completion	4/30/2018
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Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12)	\$0.00
Project identifier for the other monetary funding (A.12.b)	N/A
Source of other monetary funding (A.12.a)	N/A

Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)	\$0.00
Source of Donated Un-paid labor contributions (A.13.a.4)	N/A

Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	N/A

Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions (A.13.c.1)	\$0.00
Source of Other In-Kind Contributions (A.13.c.3)	N/A
Description of other In-Kind contributions (A.13.c.2)	N/A

Project Funding

Funding Request		Funding %	Min Match Required
Salmon State Projects	\$199,393	100.00 %	
Total Project Funding	\$199,393	100.00 %	

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
PLANNING COSTS				
Planning	\$199,393			
A&E	\$0		0.00 %	\$59,700 (30%)
Subtotal	\$199,393	99.80 %		
Total Cost Estimate	\$199,393	99.80 %		

Worksites and Properties

County: Chelan

Legislative Districts 2012: 12

Congressional Districts 2012: 08

Salmon Recovery Regions: Upper Columbia
DNR Watershed Units (WAU): Mission Creek
4th Field Catalog Units (HUC): Wenatchee
WRIA: Wenatchee
Sections: 27
Township: T24NR18E
Coordinates: 47.54104965
-120.56630729

Worksite #1: Pump station on the Wenatchee River near Dryden.

Coordinates from Mapped Point: Latitude: 47.54104965 Longitude: -120.56630729
Coordinates from Worksite Latitude: Longitude:
Directions:

Worksite Description: This proposal includes developing preliminary designs for a pump station location on the right bank of the Wenatchee River at Dryden, near RM 16.5.

Site Access Directions: The pump station location is on the right bank of the Wenatchee River near Dryden, WA, near RM 16.5 and is near State Highway 2/97.

Worksite Address:

Planning Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Upper Columbia River Spring-run ESU, Steelhead-Upper Columbia River DPS	
Targeted species (non-ESU species)	Bull Trout	
Area Encompassed (acres) (B.0.b.1)	0.5	
Miles of Stream Affected (B.0.b.2)	2.40	
Design for Salmon restoration		
Preliminary design		
Total cost for Preliminary design		\$199,000.00
Name of the Plan	Upper Columbia Salmon Recovery Board 2007. Upper Columbia Spring Chinook Salmon and Steelhead Recovery Plan. www.ucsrb.org.	
Description of the Plan	This plan is an outgrowth and culmination of several conservation efforts in the Upper Columbia Basin, including efforts related to ESA, state and tribal-sponsored recovery efforts, subbasin planning, and watershed planning. This plan is to be used to guide federal agencies charged with species recovery. This plan is non-regulatory and may be used to inform future actions that strive to secure the survival of species.	
Name and Description of Plan	The Upper Columbia Spring Chinook Salmon and Steelhead Recovery Plan was developed for the recovery of Upper Columbia spring Chinook, Upper Columbia steelhead, and bull trout.	
Agency Indirect Costs		
Agency Indirect		
Total cost for Agency Indirect		\$393.00

Planning Questions

- 1 of 4

Has the worksite been investigated for historical, archeological, or cultural resources? If yes, when did this occur and what agencies and tribes were consulted? Attach related documents (letters, surveys, agreements, etc.) to your project in PRISM.
No
- 2 of 4

Will the project include any ground disturbing activities? (Please remember that this includes geotechnical survey sampling and the like.)
Yes, Detailed geotechnical investigations of the pump station location and pipeline alignment.
- 3 of 4

What is the current land use of the site? Has there been ground disturbances historically, if so, what are/were those disturbances? Is there any fill where ground disturbance is proposed? If known, how deep is the fill?
Current land use includes agriculture and irrigation canal. Existing fill locations and depth are unknown at this time.
- 4 of 4

Is the worksite(s) located within an existing park, wildlife refuge, natural area preserve, or other recreation or habitat site? If yes, name the area and specify if the land is owned by local, state or federal government.
No

Overall Project Questions

- 1 of 5

Do you need state SRFB dollars (not Federal) to match the requirements of any other federal funding you will be using to complete this project. If Yes, please state the amount of state dollars needed out of your total request.
No

- 2 of 5

Describe any ground disturbing work that will be necessary as part of the design process, such as geotech work. Include anticipated number of test sites, depth of disturbance, location, etc.

The only ground-disturbing work that is anticipated as part of the 30% design process will include field geotechnical investigations for pumping and pipeline facilities. Geotechnical investigations will include digging at least two test pits and completing at least one boring to characterize subsurface soil conditions at key project locations. Excavations and borings will be backfilled and restored following the geotechnical field work.
- 3 of 5

Is the project on State Owned Aquatic Lands? Please contact the Washington State Department of Natural Resources to make a determination. (www.dnr.wa.gov/Publications/aqr_land_manager_map.pdf)

No
- 4 of 5

For grants listed in the Sponsor Match Category section on the Funding Request tab, list the grant source(s), when the funds were (or will be) secured, and how long the grant funds will be available to this project.

N/A
- 5 of 5

Describe the type and timing of donated labor (skilled and unskilled), donated equipment, and donated materials that will be used for this project, identified in the Sponsor Match Category section on the Funding Request tab.

N/A

Project Permits

Permit Type	Applied Date	Received Date	Expiration Date	Permit Number
Cultural Assessment [Section 106]				

Project Attachments

Required Attachments	7 out of 7 done
Authorizing Resolution/Application Authorization	<input checked="" type="checkbox"/>
Cost Estimate	<input checked="" type="checkbox"/>
Map: Area of Potential Effect (APE)	<input checked="" type="checkbox"/>
Map: Planning Area	<input checked="" type="checkbox"/>
Photo	<input checked="" type="checkbox"/>
RCO Fiscal Data Collection Sheet	<input checked="" type="checkbox"/>
Salmon Project Proposal	<input checked="" type="checkbox"/>

Photos

Attachment Type	Title	Attach Date
Authorizing Resolution/Application Authorization	SRFBApplicationResolutionCCNRD.doc	08/09/2016
Cost Estimate	IPID Pump Exchange - SRFB_Cost_Estimate - 2016-07-01.xlsx	07/01/2016
Map: Planning Area	Figure 2.pdf	08/09/2016
Photo	Peshastin Creek.jpg	08/09/2016
Salmon Project Proposal	IPID Pump Exchange7-1-16CLEAN.pdf	07/01/2016
Salmon Project Proposal	IPID Pump Exchange7-1-16TRACK CHANGES.pdf	07/01/2016
Salmon Project Proposal	IPID pre-proposalcompiled.pdf	04/15/2016

Application Status

Application Due Date: 08/12/2016

Status	Status Date	Name	Notes
Application Submitted	08/09/2016	MaryJo Sanborn	
Preapplication	04/05/2016		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (MaryJo Sanborn, 08/09/2016)