

# PROJECT REVIEW SHEET - EZ1

## HISTORIC & CULTURAL RESOURCES REVIEW

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**Property / Client Name:** Hardy Creek Design, 11-1365  
**Worksite Name/Number:** USFWS Pierce Wildlife Refuge (Worksite 1 of 1)  
**Funding Agency:** Rec. and Conserv. Office

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**Project Applicant** Lower Columbia River FEG  
**Contact Person** Peter Barber  
**Address** 12404 SE Evergreen Hwy  
**City, State, Zip** Vancouver, WA 98683  
**Phone** (360) 882-6671  
**E-Mail** peter@lcfeg.org

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### Funding Agency:

**Organization** Rec. and Conserv. Office  
**Address** PO Box 40917  
**City, State, Zip** Olympia, WA 98504-0917  
**Phone** 360-902-3000  
**Contact** Kat Moore, Email: kathryn.moore@rco.wa.gov

<b>PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED</b>
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(Be as detailed as possible to avoid having to provide additional information)
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### Provide a detailed description of the proposed project:

The proposed fish passage and groundwater investigation design project is located on US Fish & Wildlife Service (USFWS) Pierce Wildlife Refuge, Skamania County. This project will focus on addressing passage barriers on two Hardy Creek perennial spring tributaries named Domestic Springs and Grenia Creek in addition to restoring passage to a once active Columbia River side channel called South Slough. Populations of ESA listed Lower Columbia chum and coho salmon spawn in the lower reaches of Hardy Creek, adjacent to these spring channels however salmonids are unable to access the isolated/protected spring-fed habitat due to water control structures managed by USFWS.

The Hardy Design project will create 30% preliminary designs to allow juvenile and adult salmonids access into two protected spring fed habitats, re-activate a Columbia River side channel known as South Slough, in addition to investigating groundwater levels for future spawning channel designs. The proposed multi-species project will produce habitat enhancement and passage improvements to address three primary components:

- 1.) Modification or redesign of a new water control structure to restore juvenile and adult fish passage to 1,100 feet of Domestic Springs Pond and 2,800 ft of Grenia Creek/Pierce Pond.
  - 2.) Groundwater investigation for the creation of future spring-fed spawning habitat.
  - 3.) Design a bottom-less culvert to re-activate the 2,900 foot South Slough side channel connection to lower Hardy Creek.
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### Describe existing project site conditions.

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USFWS Pierce Wildlife Refuge is located in Skamania County, Washington, immediately west of the town of North Bonneville and two river miles east of Franz Lake Refuge. The US Fish and Wildlife Service acquired 383 acres of the Pierce Ranch property in 1983 through donation. Land clearing, gravel mining, dikes, cattle grazing, rail road construction, severely altered the surrounding hydrology and bedload transport processes of the Hardy Creek alluvial fan. Currently, salmonids can only to access spawning/rearing habitat with Hardy Creek and have limited access to surrounding spring channels being managed for waterfowl and Western Pond Turtle habitat.

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**Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gra**

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**Will buildings be altered or demolished? If so please complete a DAHP Determination of Eligibility EZ2 form for each building affected by the proposed project and attach the form to your project in PRISM. <http://www.dahp.wa.gov/pages/Documents/Sites.htm>**

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If no PRISM map, please attach a copy of the relevant portion of a 7.5 series  
USGS quad map and outline the project impact area.  
(USGS Quad maps are available on-line at <http://www.topozone.com>)

### Worksite Location (identified with star):

Address:

Township: 02N  
Range: 07E  
Section: 41

City:  
County: Skamania  
Latitude: 45.63  
Longitude: -122.00

