

PROJECT REVIEW SHEET - EZ1

HISTORIC & CULTURAL RESOURCES REVIEW

Property / Client Name: Abernathy Creek Two Bridges, 11-1386
Worksite Name/Number: Two Bridges (Worksite 1 of 1)
Funding Agency: Rec. and Conserv. Office

Project Applicant Cowlitz Indian Tribe
Contact Person Rudy Salakory
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City, State, Zip Longview, WA 98632
Phone (360) 575-6227
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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

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information)

Provide a detailed description of the proposed project:

This restoration project is located on mainstem Abernathy Creek, Cowlitz County in Reach 9 (Tier 1). The project is located on WA Department of Natural Resources land. The project includes removal of an abandoned roadbed that inhibits full floodplain and channel migration zone connectivity. Roadbed encroachment has resulted in a uniform plane-bed channel that lacks adequate habitat to support ESA-listed steelhead and coho. Mainstem channel meander signatures will be excavated within the footprint of the former roadbed; combined with log jams in the main channel, the meanders will allow the river to naturally occupy a new meander pattern during high flows, thereby increasing sinuosity, pool-riffle frequency, and overall habitat complexity and connectivity. Two additional log jams will be used to split the main channel flow into existing meander scars that have been abandoned. The project site was identified as one of the highest priority areas for restoration as part of the recent Abernathy and Germany Creeks Intensively Monitored Treatment Plan (LCFRB 2009). The project, which is located in a Tier 1 reach, will not only provide process-based restoration of critical habitat for ESA-listed salmonids, but will also be an important restoration component of the IMW program. Reach- and basin-scale monitoring of project effects will be provided over the long term as part of the IMW program.

Describe existing project site conditions.

Forestry is the current and historical land use (DNR land). The Abernathy Creek road used to parallel the stream along the project reach but it washed out circa 2009, was abandoned, and the road was rerouted along the west valley hillslope well out of the floodplain. The road surface was removed and the road obliterated by the road fill and road base still remains along much of the site. There are abandoned bridges at the upstream and downstream ends of the project site. The reach currently supports winter steelhead and coho for all freshwater life stages, but encroachment on the channel from the former road has resulted in a uniform, straightened, plane-bed channel that lacks adequate 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

Excavation, using tracked excavators, will occur within the river-left floodplain terrace in order to remove roadbed fill and to create incipient meander scar features designed to become occupied by the mainstem during high flows. LWD jams will be constructed at the site, both within the main channel and within the excavated meanders. Jams will include ballasting of material through the use of buried logs and pilings. Tracked excavators will be used for jam construction. Native riparian plants will be planted throughout the project area using power and hand tools.

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>

No

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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: NA

Township: 09N

Range: 04W

Section: 16

City:

County: Cowlitz

Latitude: 46.26

Longitude: -123.18

