

# PROJECT REVIEW SHEET - EZ1

## HISTORIC & CULTURAL RESOURCES REVIEW

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**Property / Client Name:** Rock Creek Assessment & Conceptual Design, 11-1344  
**Worksite Name/Number:** Rock Creek (Worksite 1 of 1)  
**Funding Agency:** Rec. and Conserv. Office

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**Project Applicant** Eastern Klickitat CD  
**Contact Person** Jim Hill  
**Address** 1107 S Columbus Ave  
**City, State, Zip** Goldendale, WA 98620  
**Phone** (509) 773-5823  
**E-Mail** klickcon@gorge.net

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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** David Caudill, Email: Dave.Caudill@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:

Eastern Klickitat Conservation District seeks to obtain a Salmon Recovery Funding Board grant to do a study and assessment of Rock Creek and its tributaries in Klickitat County, east of Goldendale. The study will include a LIDAR flight and high resolution photography. The project area will cover the length of Rock Creek from the mouth to approximately river mile 13, above the Bickleton Bridge, Luna Gulch up to river mile three, and Squaw Creek up to Harrison Creek at river mile 7. Also in this proposal will be a thorough geomorphic survey of the project area, including field survey, geomorphic mapping, and channel migration study. Successful implementation of habitat projects in Rock Creek and its tributaries will require thorough geomorphic, hydraulic, and hydrologic analysis to ensure channel stability and stable habitat creation. The goal of this project is to lay the groundwork for successful improvement of habitat for rearing and spawning Steelhead and Chinook Salmon. The ultimate outcome, in the next application phase, of this ongoing project is to facilitate construction of instream structures, stabilize channel alignment to promote the development of an established riparian corridor, and create cold-water refuge pools to support fish survival during dry periods. This project will make a detailed assessment of the Rock Creek watershed, analyze the data and make recommendations on the most likely sites for habitat improvement.

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#### Describe existing project site conditions.

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The project site has been under the same ownership since the early 1950's. Mr. Imrie has grazed the area on occasion but a recent habitat assessment for Rock Creek determined that there was no significant damage from grazing in Luna Gulch at Rock Creek, (WRIA 31 Instream Habitat Assessment, July 31, 2009, page 48). Uses prior to that are unknown, although this area has been historically grazed, so it is likely that some livestock grazing would have been allowed in this area. The Rock Creek Water Quality Report (Aspect Consulting, June 22, 2005), found nitrate and fecal coliform levels in the subbasin were well below state standards and livestock damage to the reach in Luna and Rock Creek at 0%.

This project will assess whether construction of Engineered Log Jams, log vanes, root wads or other structures and riparian plantings are feasible in this reach of Luna Gulch. Installation of these or other structures will provide needed pools, cool water refuges, and may provide suitable gravels for redds. Not doing this project will delay habitat improvements at a time when Rock Creek is coming under added scrutiny as a Category 5 stream. WA Dept of Ecology is working with Klickitat County Natural Resources and EKCD on a stakeholder driven Water Quality Improvement Project Plan which increases the importance of doing this study now. This project could add an important component to the development of the plan if used in conjunction with the implementation of a Straight to Implementation plan (STI) that is being developed in lieu of a TMDL. Phase two of this project will be implementation and construction of the design results of this project phase.

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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 E22 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: 04N  
Range: 18E  
Section: 14

City:  
County: Klickitat  
Latitude: 45.83  
Longitude: -120.53

