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**ESB 5127-Jobs Now Act Section 313-Chehalis River Basin Flood Relief Projects  
Review and Approval Form**

(Prepared for Flood Authority Action on 2/14/2013)

**Proposed Project:** Sickman-Ford Overflow Bridge Project (Construction).

**Lead Agency:** Confederated Tribes of the Chehalis Reservation.

**Budget:** \$2,075,000.

**Description:** The proposed project is a 250 foot overflow bridge on South Bank Road and an additional box culvert just to the east of the proposed bridge. The bridge will be placed out of the ordinary flow of the Chehalis River and will be designed to allow flood waters to pass through an area that is now blocked by roadway fill. The location of the bridge and the culvert were chosen specifically to reconnect two historic flood flow channels that were disconnected by the roadway fill. The bridge structure itself will be designed and installed to be out of the modeled 100-year flood event, so that hydraulic pressures on the bridge will be reduced during flood events. See project location at <http://goo.gl/maps/P9RBc>.

**Flood Hazard Reduction Benefits:** Currently the road is closed during high water events and that blocks ingress and egress for people living down South Bank Road. By creating an overflow bridge to allow flood water passage during high water events, South Bank Road will remain open longer, allowing access to vital facilities. There will be a decrease in flood heights directly upstream of the proposed site which should limit the physical damage done to South Bank Road and lessen flood impacts to the Chehalis Reservation during high flow events.

**Adverse Impacts/Effects:** The Tribe's consultant, Environ, Inc., has modeled the impacts of the proposed bridge and their model shows minor impacts immediately downstream of the project and no measurable impacts further downstream of the site. The impacts immediately below the bridge occur on tribal property and are limited in scope. These impacts are likely to be minor scouring and some increased flood water levels. These minor impacts to Tribal lands are acceptable to the Tribe.

**Project Feasibility:** The scope and scale of the project do not raise any significant issues that preclude completion.

**Timeline:** The tribe is currently in the Request for Proposals (RFP) stage. Engineering and design will begin in January 2013 with on-the-ground construction beginning in early May 2013. Project is expected to be fully completed by October 1, 2013.

**Authority:** [ESB5127, §313\(2\)](#).



**Jobs Supported:** This project will provide approximately 20 local jobs during construction, as well as one FTE for engineering and design. Additional man hours will be needed for actual bridge construction. Supplies such as rock, concrete, etc. will provide additional local jobs.

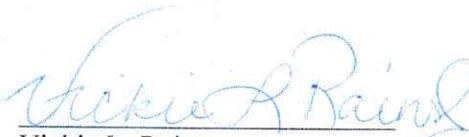
**Studies Completed:** The project has been modeled for best design and impacts to upstream and downstream neighbors. A copy of the hydraulic model and conceptual design are available through the Chehalis Tribe Department of Natural Resources.

**Further Studies Needed:** None.

**Current Project Status:** Currently the project is in the RFP stage.

By signing this review and approval form, we hereby agree to the following:

- We have received information from the project proponent and had the opportunity to ask questions or seek additional information.
- We understand that the proposed project fits the authorization allowed under ESB 5127, and will help provide or lead to a project to provide flooding relief within the Chehalis Basin while also providing jobs.
- We recommend that OFM allot funds to the project proponent.

  
Vickie L. Raines  
Chair, Flood Authority

2/14/13  
Date

  
David Burnett  
Chair, Chehalis Tribe

2/21/13  
Date