



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

(Prepared for Flood Authority Action on 8/30/2012)

Proposed Project: Satsop River Floodplain Restoration (Alternatives Analysis, Preliminary Design).

Lead Agency: Grays Harbor County.

Budget: \$50,000.

Description: The project design need is to identify alternatives for floodplain restoration. Satsop River Floodplain Restoration project consists of ~100 acres of floodplain habitat impaired by ~5,200 lineal feet of constructed dike and ~2,500 lineal feet of riprapped riverbank. Satsop Committee has identified the dike, riprap, three gravel extraction ponds, and excessive eroding banks as areas to focus restoration efforts to restore floodplain functions, re-establish access to off-channel habitat, and allow the Satsop River to access ~2/3 of its lower reach migration zone. Grays Harbor County is interested in securing a firm with expertise in civil, flood design work to develop, evaluate alternative designs. See project location at <http://goo.gl/maps/P9RBc>.

Flood Hazard Reduction Benefits: The intended flood benefit of the proposed project is to reduce erosion, save farm soils and create better fish and wildlife habitat.

Adverse Impacts/Effects: Unknown at this time. Will be determined as part of the alternatives analysis conducted by the consultant hired with expertise in civil, flood design work.

Project Feasibility: Unknown at this time if significant issues exist that would preclude moving forward with the project. Project feasibility will be part of the alternatives analysis conducted by the consultant hired with expertise in civil, flood design work.

Timeline: RFP for a firm with expertise in civil, flood design work to develop and evaluate solution options for these proposed projects will be issued soon after receipt of Jobs Now Act funding.

Authority: ESB5127, §313(6).

Jobs Supported: 0.2 FTE (for this stage).

Studies Completed: A Satsop River Floodplain Restoration report was developed by WEST (5/5/04) for USCOE.

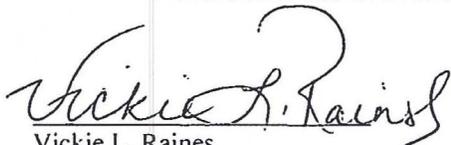
Further Studies Needed: Studies necessary to support permit review and hydraulic analysis to determine adverse impacts and effects of various alternative designs. Hydraulic analysis to determine adverse impacts/effects. Updating the current HEC-RAS hydraulic model for the Satsop will better and more accurately enable investigation of alternatives to restore floodplain connectivity, reduce bank erosion, and (possibly) reduce flooding.

Current Project Status: Waiting for funding.



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

8/31/12
Date


David Burnett
Chair, Chehalis Tribe

10/2/12
Date