

Project #08-1328, Chehalis Watertype Assessment

Submitted by Jamie Glasgow on 07/24/2012

Accepted by Kat Moore on 07/26/2012

CONTACTS

Primary Sponsor: Wild Fish Conservancy

Project Contact: Jamie Glasgow
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Lead Entity: Grays Harbor County LE

Billing Contact: Terri Shell
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Managing Agency: Rec. and Conserv. Office

RCO Grant Manager: Kat Moore
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DESCRIPTION OF THE COMPLETED PROJECT

Project Start Date: 02/01/2009

FundingEnd Date: 07/01/2012

RCO Closure Date:

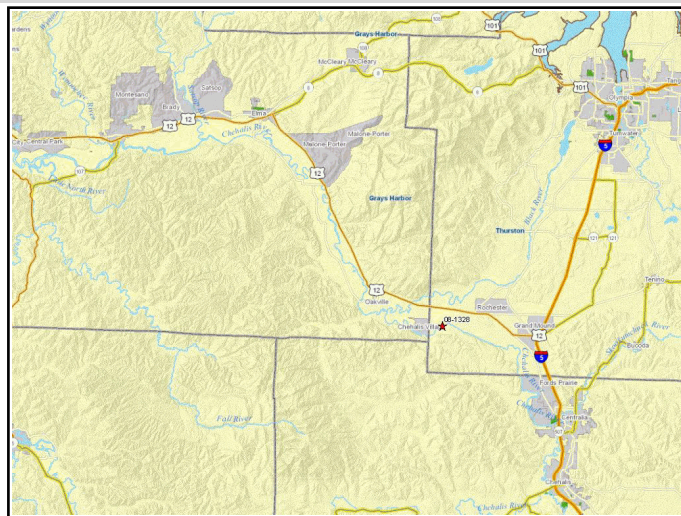
Errors in Washington State water type maps result in the under-protection of 40-60% of the fish-bearing stream network. Work by the Wild Fish Conservancy has systematically documented that streams mapped incorrectly or not at all limit the effectiveness of habitat protection on private lands under local government land use and state forest practice regulations. Using visual and electrofishing surveys, Wild Fish Conservancy documented and corrected water type classifications using established state protocols in approximately 50 miles of at-risk streams in the Chehalis watershed. WFC worked with the Chehalis Habitat Work Group and County staff to pinpoint two priority subwatersheds for the water type assessment - Wildcat Creek (tributary to the Cloquallum) and Allen Creek (tributary to Beaver Creek). Using GPS and GIS, WFC accurately mapped previously unmapped/incorrectly mapped water courses to ensure informed and responsible watershed management. WFC incorporated assessment results in a web-based interactive GIS available to planners, landowners, and resource managers (see www.wildfishconservancy.org). WFC will also submit assessment results to WDNR for correction of state regulatory water type maps. In addition to corrected water type maps, this assessment benefits salmon by generating species-specific fish distribution data and identify restoration opportunities on lesser-known tributaries of the Chehalis River. Water type corrections upstream from anadromy will benefit salmon as the integrity of the headwaters is critical to the quality of downstream fish habitats.

SITE LOCATION

General Area of Project: wildcat, scatter creek, and black river

Waterbodies:

Cong District: 03
County: Thurston
HUC: Upper Chehalis
Leg District: 20
Salmon Recov Reg 05: Coastal
Section: 02
Township/Range: T15NR04W
WAU: Black River
WRIA: Upper Chehalis



Sponsor Clarifications:

General Area: Chehalis tributaries.
Associated Waterbodies: Wildcat Creek, tributary to the Cloquallum; and Allen Creek, tributary to Beaver Creek in the Black River watershed.

PROJECT NARRATIVE

Please see attached final report.

AMENDMENTS

#	Type	Applied Date	Description
2	Time Extension	03/21/2012	The project period of 02/01/2009 to 04/01/2012 is extended to allow the contracting party until 07/01/2012 to complete the project.
1	Time Extension	11/16/2011	The project period of 02/01/2009 to 01/31/2012 is extended to allow the contracting party until 04/01/2012 to complete the project.

OVERALL PROJECT COSTS

Funding Formula:	Requested		Original		Final	
Salmon Federal Projects:	\$0.00	(0%)	\$80,000.00	(84%)	\$80,000.00	(84%)
Salmon State Projects:	\$80,000.00	(84%)	\$0.00	(0%)	\$0.00	(0%)
Sponsor Match:	\$14,700.00	(16%)	\$14,700.00	(16%)	\$14,700.00	(16%)
Total:	\$94,700.00	(100%)	\$94,700.00	(100%)	\$94,700.00	(100%)
Paid To Date:	\$80,000.00				Last Released Billing:	07/30/2012
Remaining RCO Funds:	\$0.00				Pending Billing:	No
Advance Balance:	\$0.00		Match Bank:	\$0.00	Number of Billings:	23
Admin Limit:	\$0.00		Admin Spent:	\$0.00		
A&E Limit:	\$0.00		A&E Spent:	\$0.00		

Billed Cost Summary:	Original Agreement	Expended	Non-Reimbursable	Total Billed
Non-Capital				
Non-Capital Costs		\$80,005.04	\$14,704.28	\$94,709.32
Equipment				
Non-Capital Total	\$94,700.00	\$80,005.04	\$14,704.28	\$94,709.32
Total	\$94,700.00	\$80,005.04	\$14,704.28	\$94,709.32

Project Cost Metrics:	Original Agreement	Final
PCSRF Federal Funds:		\$80,000.00
State Funds:		
Pending Billing - RCO Share Approved:		
Retainage - RCO amount retained:		\$0.00
Amount of other monetary funding:		\$0.00
Value of Donated Unpaid Labor (Volunteers):		\$0.00
Value of Donated Paid Labor:		\$0.00
Value of Other In-Kind Contributions:		\$14,709.00
Project identifier for the other monetary funding:		
Source of In-Kind contributions:		WFC
Source of other monetary funding:		N/A
Number of hours volunteers contributed to the project:		0
Describe how the value of the volunteers was determined:		N/A
Description of other In-Kind contributions:		GIS data, GIS workstation, truck rental, GPS rental, electrofisher rental.

PROJECT METRICS

	Original Agreement	Final
Restoration Planning And Coordination Project		
Plan/assessment has been used to guide restoration actions (yes/no):		Yes
Plan/assessment identifies necessary actions needed to meet goals (yes/no):		Yes
Plan/assessment identifies/prioritizes factors limiting production (yes/no):		Yes
Plan/assessment incorporates biological goals (yes/no):		Yes
Completion Date		
Projected date of completion:		07/01/2012
Project Goals		
Goals, purpose, and expected benefits:		The goal of the project is to increase/improve information to help select projects that have a high certainty and benefit. The objective of the project is to determine project siting, feasibility, design, or implementation.

WORKSITE #1: Miscellaneous Chehalis River Watersheds

Worksite Description: We expect to water type approximately 40 miles of stream channel, including numerous small independent creek drainages to the Chehalis River and its tributaries. The exact location of the water type assessment will be determined after consultation with the Chehalis Habitat Work Group, as well as county staff. We expect that our water type assessment will likely concentrate on rapidly developing areas close to the I-5 corridor, in and around the communities of Chehalis, Centralia, Tenino, and Bucoda.

Driving Directions: None, as of yet.

Coordinates for Worksite Directions - Latitude: 0.00 **Longitude:** 0.00

Sponsor Clarifications:

Sponsor verified the above information is correct and complete.

WORKSITE #1 COSTS

Worksite Billed Cost:	Estimated	Expended	Non-Reimbursable	Total Billed
Equipment				
Non-Capital Costs	\$360.00	\$80,005.04	\$14,704.28	\$94,709.32
Worksite Total	\$360.00	\$80,005.04	\$14,704.28	\$94,709.32

Worksite Costs by Category:	Original Agreement	Final
Habitat Assessment Funding:		\$94,709.00

WORKSITE #1 METRICS

	Original Agreement	Final
Targeted salmonid ESU/DPS:		Chinook Salmon-Washington Coast ESU, Chum Salmon-Pacific Coast ESU, Coho Salmon-Southwest Washington ESU, Steelhead-Southwest Washington/Washington Coast DPS
Targeted species (non-ESU species):		Bull Trout, Cutthroat, Rainbow, Searun Cutthroat
Area Encompassed (acres):		19750.0
Salmonid Habitat Assessment / Inventory		
Habitat surveys		
Acres of habitat assessed:		19750.0
Amount Of Habitat Assessed That Needed Restoration:		50.0
Type of Habitat Assessment:		Invasive species, Overall watershed condition assessment or mapping, Riparian condition, Road condition/inventory, Stream typing

PROPERTY DESCRIPTION (Chehalis Watershed properties)

Activity: Restoration

Control & Tenure:

Instrument Type:

Timing: Proposed

Term Length: Fixed # of years **# yrs:**

Expiration Date:

Landowner Type: Private

Note:

Sponsor Clarifications:

Sponsor verified the above information is correct and complete.

Sponsor Clarifications:

SPONSOR CERTIFICATION

- I certify that this project has been completed in accordance with the project agreement.
- I certify that, to the best of my knowledge, the information in the Final Report is true and correct.

Submitted by Jamie Glasgow on 07/24/2012