

## Project #16-2101, Asotin IMW Monitoring YR10

Current Status: Application Submitted

### Project Details

**Primary Sponsor:** Asotin County Conservation District

**Primary Contact:** Megan Stewart  
(509) 552-8100  
meganaccd@cableone.net

**Funding Program:** Salmon Federal Activities

**Lead Entity:** Snake River Salmon Recovery Board  
Lead Entity

**Project Type:** Monitoring

### Project Description

The Asotin County Conservation District proposes to support one year of ongoing monitoring in the Asotin Cr Intensively Monitored Watershed project (Asotin IMW). The project started in 2008 and is expected to run until 2019. Funds will support i) juvenile steelhead PIT tagging and mark-recapture surveys, and ii) habitat monitoring using the Columbia Habitat Monitoring protocol (CHaMP). These two monitoring efforts are being used to assess the effectiveness of large woody debris (LWD) to increase juvenile productivity in Asotin Cr. Three tributaries will be monitored: Charley, North Fork Asotin, and South Fork Asotin Cr. Funds are needed because the current IMW monitoring budget being provided by Pacific State Marine Funding Commission (PSMFC) has been reduced in 2016 to \$178,000 from an average of ~\$250,000. It is critical at this stage in the Asotin IMW to maintain the basic monitoring level to ensure its goals can be completed: namely to determine the effectiveness of LWD restoration methods, determine the causal mechanisms of habitat and fish responses, and to provide recommendations for implementing LWD restoration in other watersheds. Fish monitoring occurs in 12 sites, each 300-500m long, 4 in each tributary. Habitat monitoring occurs in 12 CHaMP sites in Charley and North Fork Asotin Cr, each 160-200m long. This project will support ESA listed steelhead recovery. All data will be made publicly available. Data analyses will be conducted with other funds.

### Project Overall Metrics (Outcomes, Benefits)

#### Category / Work Type / Metric

#### Application Answer

#### Completion Date

Projected date of completion 12/31/2018

#### Sponsor Match: Monetary Funding

Amount of other monetary funding (A.12) \$0.00  
Project identifier for the other monetary funding (A.12.b) n/a  
Source of other monetary funding (A.12.a) n/a

#### Sponsor Match: Donated Un-paid Labor (volunteers)

Value of Donated Unpaid Labor (Volunteers) (A.13.a.2) \$0.00  
Source of Donated Un-paid labor contributions (A.13.a.4) n/a

#### Sponsor Match: Donated Paid Labor

Value of Donated Paid Labor (A.13.b.1) \$0.00  
Source of Donated Paid Contributions (A.13.b.2) n/a

#### Sponsor Match: Other In-kind Contributions

Value of Other In-Kind Contributions (A.13.c.1) \$25,000.00  
Source of Other In-Kind Contributions (A.13.c.3) Integrated Status and Effectiveness Monitoring Program (ISEMP).  
Description of other In-Kind contributions (A.13.c.2) PIT tags for fish surveys and data evaluation.

### Project Funding

Funding Request		Funding %	Sponsor Match Source	
Salmon Federal Activities (FY2017)	\$86,000	77.48 %	Donated Labor	\$15,000
Sponsor Match	\$25,000	22.52 %	Donated Materials	\$10,000
Total Project Funding	\$111,000	100.00 %		

Project Cost Summary		Project %	Admin/A&E %	Maximum for Selected Program
<b>MONITORING COSTS</b>				
Monitoring	\$111,000			
A&E	\$0		0.00 %	\$33,300 (30%)
Subtotal	\$111,000	100.00 %		
Total Cost Estimate	\$111,000	100.00 %		

### Worksites and Properties

# Worksite #1: Astoin

Coordinates from Mapped Point:	Latitude: 46.27283403	Longitude: -117.29360698
Coordinates from Worksite Directions:	Latitude: 46.273813	Longitude: -117.292993

**Worksite Description:** The project will take place within the Asotin Creek watershed in the IMW study area, which includes Charley Creek, North Fork Asotin Creek, and South Fork Asotin Creek. Monitoring is the only activity occurring.

**Site Access Directions:** The Asotin watershed and IMW study area can be accessed from the town of Asotin by heading up Asotin Creek Rd.

**Worksite Address:**

## Monitoring Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer	Work Type Costs
Targeted salmonid ESU/DPS (A.23)	Chinook Salmon-Snake River Spring/Summer-run ESU, Steelhead-Snake River Basin DPS	
Targeted species (non-ESU species)	Rainbow	
Number of Reports Prepared (E.0.e.1)	0	
Name Of Report (E.0.e.2)	None	
Project Identified in a Plan or Watershed Assessment (E.0.c)	Snake River Salmon Recovery Board (2011 Version). Snake River Salmon Recovery Plan for SE Washington. Dayton, WA. Snake River Salmon Recovery Board (2013 Version). Snake River Salmon Recovery Region Provisional Work Plan 2013-2018. Dayton, WA.	
Number of Cooperating Organizations (E.0.d.1)	2	
Name Of Cooperating Organizations (E.0.d.2)	Ecological Research (Asotin IMW) and WDFW.	
Complement Habitat Restoration Project (E.0.b)	Astoin IMW Restoration Treamtments (11-1573, 12-1637, 15-1321)	
<b>Monitoring</b>		
Acres of watershed area monitored (E.1.b.2)	180.0	
Record Name Of Strategy/Program (E.1.d)	Seber, G.A.F. 1982. The estimation of animal abundance, 2nd Edition. Charles Griffin and Company, London. CHaMP. 2014. Scientific protocol for salmonid habitat surveys within the Columbia Habitat Monitoring Program.	
Square miles of water monitored (E.1.b.3)	0.01	
Stream Miles Monitored (E.1.b.1)	25.00	
<b>Intensively monitored watershed (E.1.c.15)</b>		
Total cost for Intensively monitored watershed		\$111,000.00
# acres (to nearest 0.1 acre) Intensively monitored watershed (E.1.c.15.c)	180.0	
# miles (to nearest 0.01 mile) Intensively monitored watershed (E.1.c.15.a)	25.00	

## Overall Project Questions

1 of 5	<b>Who will be responsible for administration, design, and/or implementation of this project (i.e. in-house staff, paid consultants, contractors, volunteers, other agency staff, etc.)? Explain.</b> Paid Consultants, Ecological Research Inc. is currently under contract for implementing the IMW monitoring.
2 of 5	<b>Is this project located at a hatchery or hatcheries? If so, provide the hatchery name(s):</b> No.
3 of 5	<b>What type of contract is this: Purchased Service, Personal Service, Interagency Agreement?</b> Purchased Service.
4 of 5	<b>Is this a sole source contract?</b> Yes.
5 of 5	<b>Does this contract have to be filed with OFM?</b> No.

## Project Attachments

Required Attachments	1 out of 1 done
RCO Fiscal Data Collection Sheet	<input checked="" type="checkbox"/>

### Photos

Attachment Type	Title	Attach Date
Agreement - State	Full contract with WWCC.pdf	07/13/2016

Application Document	Application Authorization.pdf	08/12/2016
Application Document	Project Sponsorship and Partial Funding Plan Memo.doc	08/08/2016
Cost Estimate	Asotin IMW from SRFB 16-2101_sbRevision w ACCD.xlsx	08/08/2016
Project partnership form	Appendix_G_Proj_Partner_Contribution_Form.doc	05/06/2016
Salmon Project Proposal	Appendix_C_MonitorProposal_2016NewFormat.docx	05/06/2016
Scope of work	AsotinCreekIMW_StudyPlan.pdf	05/06/2016
Visuals	AsotinIMW_MonitoringLocations_Figure1.jpg	05/06/2016
Visuals	map2.jpg	05/06/2016

## Application Status

### Application Due Date:

Status	Status Date	Name	Notes
Application Submitted	08/12/2016	John Foltz	Hi Keith, this project is ready to go. Thanks!
Preapplication	05/04/2016		

I certify that to the best of my knowledge, the information in this application is true and correct. Further, all application requirements due on the application due date have been fully completed to the best of my ability. I understand that if this application is found to be incomplete, it will be rejected by RCO. I understand that I may be required to submit additional documents before evaluation or approval of this project and I agree to provide them. (John Foltz, 08/12/2016)

Date of last change: 08/12/2016