

## Project #17-1304, Asotin IMW Monitoring 2017

Current Status: Application Submitted

### Project Details

<b>Primary Sponsor:</b> Snake River Salmon Recovery Board	<b>Primary Contact:</b> Stephen Bennett (435) 757-5668 bennett.ecological@gmail.com
<b>Secondary Sponsor:</b> Eco Logical Research Inc.	
<b>Funding Program:</b> Salmon Federal Activities	<b>Lead Entity:</b> Snake River Salmon Recovery Board Lead Entity
<b>Project Type:</b> Monitoring	

### Project Description

ELR Inc is the project sponsor and the project type is a monitoring project. This request is to support ongoing monitoring in the Asotin Creek Intensively Monitored Watershed project (Asotin IMW). The project was started in 2008 and is expected to run until 2019. The funds are being requested to support i) juvenile steelhead PIT tagging and mark-recapture surveys and replace damaged PIT tag array equipment, 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 restoration at increasing juvenile productivity in Asotin Creek. Three tributaries in Asotin Creek need to be monitored: Charley Creek, North Fork Asotin Creek, and South Fork Asotin Creek. extent of fish monitoring is 12 sites 300-500 m in length, 4 in each tributary (see attached map). The extent of the habitat monitoring is 12 CHaMP sites (length 160-200 m) in Charley and North Fork Creek – Tetra Tech is funding CHaMP monitoring in South Fork Creek in 2017. This project will support the ESA listed summer steelhead recovery. All of the fish and habitat data collected will be made publically available in the PTAGIS (ptagis.org) and on the CHaMP website (champonitoring.org). Analyses of the data will be conducted with other funds provided to the Asotin IMW by PSMFC.

### Project Overall Metrics (Outcomes, Benefits)

Category / Work Type / Metric	Application Answer
<b>Completion Date</b>	
Projected date of completion	12/31/2019
<b>Sponsor Match: Monetary Funding</b>	
Amount of other monetary funding (A.12)	\$30,000.00
Source of other monetary funding (A.12.a)	PSMFC
Timing of other monetary funding	Expected fall of 2017.
<b>Sponsor Match: Donated Un-paid Labor (volunteers)</b>	
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
<b>Sponsor Match: Donated Paid Labor</b>	
Value of Donated Paid Labor (A.13.b.1)	\$0.00
Source of Donated Paid Contributions (A.13.b.2)	n/a
<b>Sponsor Match: Other In-kind Contributions</b>	
Value of Other In-Kind Contributions (A.13.c.1)	\$0.00
Source of Other In-Kind Contributions (A.13.c.3)	n/a
Description of other In-Kind contributions (A.13.c.2)	n/a

### Project Funding

Funding Request		Funding %	Sponsor Match Source	
Salmon Federal Activities (FY2018)	\$187,770	86.22 %	Grant - Federal	\$30,000
Sponsor Match	\$30,000	13.78 %		
Total Project Funding	\$217,770	100.00 %		
<b>Project Cost Summary</b>		<b>Project %</b>	<b>Admin/A&amp;E %</b>	<b>Maximum for Selected Program</b>
<b>MONITORING COSTS</b>				
Monitoring	\$217,770			
A&E	\$0		0.00 %	\$65,331 (30%)
Subtotal	\$217,770	100.00 %		
<b>Total Cost Estimate</b>	\$217,770	100.00 %		

### Worksites and Properties

#### Worksite #1: Asotin

<b>Coordinates from Mapped Point:</b>	<b>Latitude:</b> 46.27259903	<b>Longitude:</b> -117.29400098
<b>Coordinates from Worksite</b>	<b>Latitude:</b> 46.272006	<b>Longitude:</b> -117.294503
<b>Directions:</b>		

**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 Astotin Watershed and IMW study area can be accessed from the town of Asotin by heading up Asotin Creek Road.

**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	
Priority in Recovery Plan	This project is identified as a high priority in the 3-year regional workplan and occurs in a major spawning area for steelhead in a priority restoration reach as identified in the Snake River Salmon Recovery Plan.	
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 (2017 Version). Snake River Salmon Recovery Region Provisional 3-5 Year Work Plan. Dayton, WA.	
Number of Cooperating Organizations (E.0.d.1)	2	
Name Of Cooperating Organizations (E.0.d.2)	WDFW and ELR.	
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.	
Stream Miles Monitored (E.1.b.1)	25.00	
<b>Intensively monitored watershed (E.1.c.15)</b>		
Total cost for Intensively monitored watershed		\$217,770.00
# 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 6	<p><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></p> <p>Paid Consultants, Ecological Research Inc. is currently under contract for implementing the IMW monitoring.</p>
2 of 6	<p><b>Is your organization registered as a non-profit with the Washington Secretary of State? If so, what is your Unified Business Identifier (UBI) number?</b></p>
3 of 6	<p><b>Is this project located at a hatchery or hatcheries? If so, provide the hatchery name(s):</b></p> <p>No.</p>
4 of 6	<p><b>What type of contract is this: Purchased Service, Personal Service, Interagency Agreement?</b></p> <p>Purchased Services.</p>
5 of 6	<p><b>Is this a sole source contract?</b></p> <p>Yes</p>
6 of 6	<p><b>Does this contract have to be filed with OFM?</b></p> <p>No.</p>

## Project Attachments

Attachment Type	Title	Attach Date
Cost Estimate	AsotinIMW_ScopeOfWorkWork_FY2017.xlsx	05/11/2017

Salmon Project Proposal	C4-Monitoring_AsotinIMW_2017.docx	05/11/2017
Scope of work	AsotinCreekIMW_RevisedStudyPlan_2015.pdf	05/11/2017
Visuals	3 map 2.pdf	05/11/2017
Visuals	3 map 1.pdf	05/11/2017

## Application Status

**Application Due Date:**

Status	Status Date	Name	Notes
Application Submitted	08/08/2017	Leon Wu	Submitted by PRISM support staff per OGM's request
Preapplication	05/09/2017		

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. (Leon Wu, 08/08/2017)

Date of last change: 08/08/2017