

## PROJECT: 21-1386 MON,RCH, ASOTIN IMW MONITORING PSMFC 2021

Sponsor: Eco Logical Research Inc. Program: Pacific States Projects Status: Director Approved

### Parties to the Agreement

#### PRIMARY SPONSOR

Eco Logical Research Inc.

**Address** PO Box 706

**City** Providence **State** UT **Zip** 84332

**Org Type** Non-Gov-Private Entity

**Vendor #** SWV0142370-00

**UBI** 602795500

**Date Org created**

**Org Notes**

[link to Organization profile](#)

[link to PRISM Organization page](#)

☐ Org data updated

#### QUESTIONS - PRIMARY SPONSOR

#1: Is your organization registered as a non-profit with the Washington Secretary of State?

No

#### SECONDARY SPONSORS

No records to display

#### LEAD ENTITY

Snake River Salmon Rec Bd LE

### Project Contacts

| Contact Name<br>Primary Org                                    | Project Role        | Work Phone     | Work Email                                                                     |
|----------------------------------------------------------------|---------------------|----------------|--------------------------------------------------------------------------------|
| <a href="#">Stephen Bennett</a><br>Eco Logical Research Inc.   | Project Contact     | (435) 757-5668 | <a href="mailto:bennett.ecological@gmail.com">bennett.ecological@gmail.com</a> |
| <a href="#">Ali Fitzgerald</a><br>Snake River Salmon Rec Bd LE | Lead Entity Contact | (509) 382-4115 | <a href="mailto:ali@snakeriverboard.org">ali@snakeriverboard.org</a>           |
| <a href="#">John Foltz</a><br>Snake River Salmon Recovery Bd   | Regional Contact    | (509) 382-4115 | <a href="mailto:john@snakeriverboard.org">john@snakeriverboard.org</a>         |
| <a href="#">Keith Dublanica</a><br>Rec. and Conserv. Office    | Project Manager     | (360) 902-2242 | <a href="mailto:Keith.Dublanica@gsro.wa.gov">Keith.Dublanica@gsro.wa.gov</a>   |
| <a href="#">Jim Lochner</a><br>Rec. and Conserv. Office        | MAgy Fiscal Contact | (360) 902-3007 | <a href="mailto:Jim.Lochner@rco.wa.gov">Jim.Lochner@rco.wa.gov</a>             |

### Worksites & Properties

# Worksite Name

#1 Asotin

Worksite Map & Description

Worksite #1: Asotin

WORKSITE ADDRESS

Street Address  
City, State, Zip

Worksite Details

Worksite #1: Asotin

SITE ACCESS DIRECTIONS

xxx

TARGETED ESU SPECIES

| Species by ESU                                                    | Egg Present | Juvenile Present | Adult Present | Population Trend |
|-------------------------------------------------------------------|-------------|------------------|---------------|------------------|
| Chinook-Snake River<br>Spring/Summer, Asotin Creek,<br>Threatened |             |                  |               |                  |
| Steelhead-Snake River, Asotin<br>Creek, Threatened                |             |                  |               |                  |

Reference or source used

TARGETED NON-ESU SPECIES

| Species by Non-ESU | Notes |
|--------------------|-------|
| Unknown            |       |

# Project Application Report - 21-1386

## Project Location

### RELATED PROJECTS

#### Projects in PRISM

| PRISM Number | Project Name                                      | Current Status   | Relationship Type | Notes |
|--------------|---------------------------------------------------|------------------|-------------------|-------|
| 19-1545 C    | Asotin IMW Monitoring PSMFC 2019                  | Active           | Earlier Phase     |       |
| 19-1499 R    | Increase Wood Densities in Asotin IMW Restoration | Active           | Earlier Phase     |       |
| 18-2627 M    | WDFW monitoring of Asotin IMW 2019                | Active           | Earlier Phase     |       |
| 15-1443 C    | Asotin IMW Monitoring PSMFC 2015                  | Closed Completed | Earlier Phase     |       |

#### Related Project Notes

## Project Proposal

### Project Description

This project is a continuation of the Asotin Creek multi-year IMW project. The project is an Intensively Monitored Watershed monitoring project. The project focuses on three tributaries to the Asotin Creek in Southeast Washington. The tributaries are: Charley Creek, North Fork Asotin Creek, and South Fork Asotin Creek. The purpose of the project is to link salmon and steelhead responses to specific mechanisms related to habitat restoration. The fundamental approach is to treat restoration as an experiment and concentrate a large restoration effort in order to increase the likelihood of detecting a population increase. This type of project will increase our understanding of what restoration activities are most effective, demonstrate how changes in habitat influence survival of various life stages of salmon and steelhead, determine what magnitude of restoration is required to cause a significant population response, and ultimately provide information to better evaluate the efficacy of habitat restoration. The restoration effort is focused on summer run steelhead habitat. The funds for this grant award will focus on continuing the IMW effort in the Asotin. This phase will include:

- 1) Continue baseline monitoring of 12 permanent sites for fish abundance and habitat condition,
- 2) Implement restoration treatment plan based on approval of the plan by the Regional Technical Team
- 3) Monitoring a wide variety of response variables

PLEASE NOTE: A COMPLEMENTARY PROJECT SUPPORTED BY THE PSMFC TO WDFW FOR ASOTIN MONITORING /MAINTENNANCE

### Project Questions

#1: Is this project located at a hatchery or hatcheries? If so, provide the hatchery name(s):

no

#2: What type of contract is this: Purchased Service, Personal Service, Interagency Agreement?

Personal Service

#3: Is this a sole source contract?

yes

#4: Does this contract have to be filed with OFM?

no

## Monitoring/Research Metrics

## Project Application Report - 21-1386

### Worksite: Asotin (#1)

|                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Priority in Recovery Plan                                    | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Number of Reports Prepared (E.0.e.1)                         | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Name Of Report (E.0.e.2)                                     | Asotin Creek Revised IMW Study Plan, Bennett et.al. 2015 and subsequent annual reports to RCO<br><b>Note:</b> This document is the most recent and comprehensive of compilations to date for this project (7/13/15). It has served as foundation for the SRFB Monitoring Panel and their review process as well for reporting progress to the PSMFC, and addressing specific needs for the regional monitoring and IMW treatment programs supported by the SRFB for the 2015 grant round |
| Project Identified in a Plan or Watershed Assessment (E.0.c) | Snake River Recovery Plan                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Number of Cooperating Organizations (E.0.d.1)                | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Name Of Cooperating Organizations (E.0.d.2)                  | RTT, WDFW, SRSRB, USFS, Nez Perce, Asotin county Conservation District                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Complement Habitat Restoration Project (E.0.b)               | Asotin IMW complex                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

### MONITORING

|                                                                             |                                              |
|-----------------------------------------------------------------------------|----------------------------------------------|
| Acres of watershed area monitored (E.1.b.2)                                 | 1,000.0                                      |
| Record Name Of Strategy/Program (E.1.d)                                     | Asotin Creek Intensively Monitored Watershed |
| Stream Miles Monitored (E.1.b.1)                                            | 22.00                                        |
| <b>Intensively monitored watershed (E.1.c.15)</b>                           |                                              |
| Total cost for Intensively monitored watershed                              | \$241,898                                    |
| # acres (to nearest 0.1 acre) Intensively monitored watershed (E.1.c.15.c)  | 1,000.0                                      |
| # miles (to nearest 0.01 mile) Intensively monitored watershed (E.1.c.15.a) | 22.00                                        |

# Project Application Report - 21-1386

## Overall Project Metrics

### COMPLETION DATE

Projected date of completion

06/30/2022

## Monitoring/Research Cost Estimates

### Worksite #1: Asotin

| Category   | Work Type                                      | Estimated Cost | Note |
|------------|------------------------------------------------|----------------|------|
| Monitoring | Intensively monitored watershed<br>(E. 1.c.15) | \$241,898      |      |
|            | Subtotal:                                      | \$241,898      |      |
|            | Total Estimate For Worksite:                   | \$241,898      |      |

### Summary

|                                               |           |
|-----------------------------------------------|-----------|
| Total Estimated Costs:                        | \$241,898 |
| Total Estimated<br>Monitoring/Research Costs: | \$241,898 |

## Cost Summary

|                                  | Estimated Cost | Project % | Admin/AA&E % |
|----------------------------------|----------------|-----------|--------------|
| <u>Monitoring/Research Costs</u> |                |           |              |
| Monitoring/Research              | \$241,898      |           |              |
| SUBTOTAL                         | \$241,898      | 100.00 %  |              |
| Total Cost Estimate              | \$241,898      | 100.00 %  |              |

## Funding Request and Match

### FUNDING PROGRAM

|                         |           |          |
|-------------------------|-----------|----------|
| Pacific States Projects | \$241,898 | 100.00 % |
|-------------------------|-----------|----------|

### SPONSOR MATCH

# Project Application Report - 21-1386

## Attachments

### Required Attachments

1 out of 1 done

RCO Fiscal Data Collection Sheet



### PHOTOS (JPG, GIF)

Photos (JPG, GIF)

### PROJECT DOCUMENTS AND PHOTOS

Project Documents and Photos

| File Type | Attach Date | Attachment Type                  | Title                                                        | Person   | File Name, Number Associations                                                   | Shared |
|-----------|-------------|----------------------------------|--------------------------------------------------------------|----------|----------------------------------------------------------------------------------|--------|
|           | 12/02/2021  | Application Review Report        | Grant Manager Comments, 21-1386C(compl 12/02/21 12:12)       | KeithD   | Grant Manager Comments Report - 21-1386 (compl 12-02-2021_12-12-44).pdf, 492197  | ✓      |
|           | 11/22/2021  | Project Application Report       | Project Application Report, 21-1386C (sub 11/22/21 13:23:26) | StephenB | Project Application Report - 21-1386 (submitted 11-22-2021_13-23-26).pdf, 491566 | ✓      |
|           | 11/20/2021  | Application Review Report        | Grant Manager Comments, 21-1386C(rtnd 11/20/21 12:07)        | KeithD   | Grant Manager Comments Report - 21-1386 (rtnd 11-20-2021_12-07-30).pdf, 491452   | ✓      |
|           | 11/16/2021  | Project Application Report       | Project Application Report, 21-1386C (sub 11/16/21 14:06:04) | KeithD   | Project Application Report - 21-1386 (submitted 11-16-2021_14-06-04).pdf, 491153 | ✓      |
|           | 11/16/2021  | RCO Fiscal Data Collection Sheet | WECY fiscal placeholder 2021.docx                            | KeithD   | WECY fiscal placeholder 2021.docx, 491152                                        |        |

## Application Status

Application Due Date: null

| Status Name             | Status Date | Submitted By    | Submission Notes                                                                                                                                                    |
|-------------------------|-------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Complete    | 12/02/2021  | Keith Dublanica | moving to complete status after re-submission by sponsor. Need to add milestones                                                                                    |
| Application Resubmitted | 11/22/2021  | Stephen Bennett |                                                                                                                                                                     |
| Application Returned    | 11/20/2021  | Keith Dublanica | this project is a continuation of previously funded PSMFC IMW monitoring. RCO will support the utility needs, as well as the complementary WDFW monitoring project. |
| Application Submitted   | 11/16/2021  | Keith Dublanica | submitted on behalf of EcoLogical Research for PSMFC allocation for 2022 IMW funds                                                                                  |
| Preapplication          | 10/22/2021  |                 |                                                                                                                                                                     |

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. (Stephen Bennett, 11/22/2021)

Date of last change: 12/02/2021