



# R & E Grant Application 17-19 Biennium

Project #: 17-042

## ODFW Fish Hatchery Deferred Maintenance Block

### Project Information

---

**Requested Cycle:** 17-6  
**R&E Project Request:** \$980,000  
**Other Funding:** \$106,300  
**Total Project:** \$1,086,300  
**Spending Start Date:** 8/1/2018  
**Spending End Date:** 6/30/2019  
**Project Start Date:** 8/1/2018  
**Project End Date:** 6/30/2019  
**Organization:** Oregon Department of Fish and Wildlife

### Applicant Information

---

**Name:** Daniel Straw  
**Address:** 24500 S Entrance Rd  
Estacada, OR 97023  
**Telephone:** 503-630-7210  
**Email:** daniel.e.straw@odfw.oregon.gov

### Past Recommended or Completed Projects

---

This applicant has no previous projects that match criteria.

### Authorized Agent

---

**Name:** Ryan Couture  
**Address:** 2418 East Fall Creek Rd  
Alsea, OR 97324  
**Telephone:** 541-487-5510 x100  
**Fax:** 541-487-5534  
**Email:** ryan.b.couture@state.or.us

### Authorized Agent

---

**Name:** Manuel Farinas  
**Address:** 3406 Cherry Avenue NE  
Salem, OR 97303  
**Telephone:** 503-947-6000 x228  
**Telephone 2:** 541-207-7444

**Fax:** 541-757-4252  
**Email:** manny.a.farinas@state.or.us

## **Location Information**

---

### **Where is it?**

The project will occur Statewide

The project will occur on public land owned or managed by the applicant

### **Site Description**

*Street Address, nearest intersection, or other descriptive location.*

Clackamas Hatchery: 24500 S Entrance Rd., Estacada, OR 97023

Cedar Creek Hatchery: 33465 HWY 22, Hebo, OR 97122

Bandon Hatchery: 55212 Fish Hatchery Rd., Bandon, OR 97411

Roaring River Hatchery: 42279 Fish Hatchery Dr., Scio, OR 97374

Wallowa Hatchery: 82119 Fish Hatchery Lane, Enterprise, OR 97828

Klamath Hatchery: 46161 HWY 62, Chiloquin, OR 97624

*Directions to the site from the nearest highway junction.*

Please reference the ODFW website for specific direction to each facility.

<http://www.dfw.state.or.us/fish/hatchery/>

*Following project completion, public anglers will be allowed the following level of access to the project site:*

Full access

*Please describe what leases, easements, agreements are in place to ensure angler access to the project site, and what is the length of each agreement.*

ODFW Fish Hatcheries are located on state owned land or long term (100 year) leases on non state owned properties. While fish hatcheries are open to the public, there may be daylight, or hourly time restrictions to the entire or part of the facility.

*Dominant Land Use Type:*

ODFW Fish Hatcheries are typically located in rural, forested areas away from public services. They are very close to rivers, streams, flood planes and riparian areas.

### **Project Location**

*General Project Location.*

*Specific Project Location.*

| Latitude |          | Longitude |          |
|----------|----------|-----------|----------|
|          | 45.30528 |           | 122.3686 |
|          | 45.21583 |           | 123.8453 |
|          | 43.1161  |           | 124.3842 |
|          | 44.62444 |           | 122.7222 |
|          | 45.4176  |           | 117.3013 |
|          | 42.6503  |           | 121.9475 |

## **Project Summary**

---

### **Project Summary**

*Please provide a couple sentence summary of the proposal.*

This block grant will fund deferred maintenance projects and vital improvements at 6 ODFW

Fish Hatcheries.

### Overall Project Goals

*Describe the primary goals or outcomes of the entire project, including elements not requesting funding from R&E.*

Clackamas Hatchery: Install individual drum and UV filters on 5 raceways to allow for early rearing during the summer months.

Cedar Creek Hatchery: The lake pond for mass rearing needs new header water delivery, cracks sealed and pond resurfaced, railing and walkway repairs, bird netting and dam board replacement.

Bandon Hatchery: A new public restroom needs to be placed on the facility. There is currently no place for visitors to use the bathroom.

Roaring River Hatchery: Purchase a new 8" fish pump mounted with trailer.

Wallowa Hatchery: Replace the leaking room on the hatchery building along with siding, window and door trim, and 4 garage doors. The roof is the priority; each year the leaks get worse.

Klamath Hatchery: Reside/cover the hatchery and feed building with vinyl siding.

### Primary objectives of R&E funding

*Please describe the measurable objectives for the R&E portion of the funding request.*

Clackamas Hatchery produces 1.3 million spring Chinook, 180,000 winter steelhead and rears 705,000 coho for the SAFE fishery. The Drum and UV systems will be utilized during summer rearing to eliminate pathogens once the pipeline project is completed.

Cedar Creek Hatchery produces Spring and Fall Chinook, Summer and Winter Steelhead and trout for the coastal fishery and rears coho for the SAFE fishery. The lake pond would be rehabbed in order to allow for additional SAFE coho rearing.

Bandon Hatchery produces over 2 million Fall Chinook for STEP, several local winter steelhead programs and local trout stocking.

Roaring River Hatchery produces over 10 million trout eggs for statewide production along with 600,000 steelhead. Heavy stocking occurs at this facility and the aging, inefficient fish pump would be replaced with a high efficiency, better suited for trout, model.

Wallowa Hatchery provides over 1 million steelhead to the local area as well as trout stocking. The goal would be to replace the metal roof and siding.

Klamath hatchery raises over 600,000 brook, brown, cutthroat and rainbow trout for stocking throughout central Oregon. New vinyl siding will protect the wood and seal the lead paint, protecting the building and public.

### Current Situation/Justification

*Please describe the current situation and explain why this funding is needed.*

Deferred maintenance among Oregon Hatcheries is a chronic problem. There is an estimated \$21 million in repairs needed. These facilities have been identified as needed critical repairs to their infrastructure in order to maintain and optimize productivity and safety.

### Recreation and Commercial Benefit

*This project will provide benefits to:*

- Recreational fisheries
- Commercial fisheries

*Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.*

Fish Hatcheries across the state contribute to the harvest opportunity for local anglers all the way to the commercial fishery in Astoria and the Columbia River. Maintaining these facilities is priority number one to insure that they can accomplish the mission of the state to protect and enhance fish for use and enjoyment by current and future generations.

*Percent benefit split between Commercial and Recreational anglers:*

- 20 % Commercial
- 80 % Recreational

*Please explain, or justify, how the percentage split was determined:*

The entire project at Cedar Creek is designed to maximize space for increased production of Coho for the SAFE commercial fishery. The marking trailers are responsible for marking all fish, both commercial and sport. The other facilities function as mitigation and supplementation to sport fisheries.

*This project has been identified as an ODFW priority for:*

- Statewide

*Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?*

*Please briefly explain when this was identified as a priority and what process or workgroup was used to identified this as an ODFW priority.*

*Identify any plan or other document that identifies this priority.*

- Oregon Secretary of State Audit of deferred maintenance at ODFW facilities.

*Is this project part of an approved Salmon-Trout Enhancement Program (STEP) activity?*

- No

*This project is intended to benefit the following species:*

- Fall Chinook Salmon
- Other Fish Species
- Brown and Brook Trout
- Spring Chinook Salmon
- Coho Salmon
- Winter Steelhead
- Summer Steelhead
- Cutthroat Trout
- Rainbow Trout

*This project will benefit anglers or fishery by providing:*

- Angling Opportunity
- Hatcheries/Propagation/Liberation

*Angling Opportunity*

*This project will:*

- Improve the opportunity for anglers to catch fish (better stocked fish, trapping)

Provide new opportunity for anglers to catch fish (new pond, more fish to stock more areas, new species)

### Hatcheries/Propagation/Liberation

#### *Hatchery Name:*

Clackamas, Cedar Creek, Bandon, Roaring River, Wallowa, Klamath

#### *This is a:*

State hatchery  
STEP hatchery  
Other hatchery

#### *As a result of this request hatchery production will:*

Increase

#### *This project will:*

Address a need identified on the ODFW Hatchery Maintenance Priority list  
Restore, rehabilitate, modify, or replace existing production/acclimation facilities  
Restore, rehabilitate, modify, or replace existing liberation equipment  
Add new or upgrade production/acclimation facilities/capacity.  
Add new or upgrade liberation equipment  
Improve safety of hatchery operations  
Improve staff efficiency of hatchery operations  
Improve effectiveness of hatchery operations (i.e. improve survival or return to angler)

#### *Fish produced at this facility are for:*

Sport harvest  
Commercial harvest  
Mitigation

## ***Project Description***

---

### Schedule

| Activity                                     | Date         | RE Funding |
|----------------------------------------------|--------------|------------|
| Clackamas Hatchery UV and Drum order         | October 2018 | Yes        |
| Cedar Creek Lake Pond Overhaul               | August 2018  | Yes        |
| Bandon Public Restroom Construction          | August 2018  | Yes        |
| Roaring River Fish Pump Order                | August 2018  | Yes        |
| Wallowa Hatchery siding and roof replacement | August 2018  | Yes        |
| Klamath Hatcher vinyl siding installation    | August 2018  | Yes        |

### Permits

| Permit | Secured? | Date Expected |
|--------|----------|---------------|
|        | No       |               |

### Project Design and Description

*Please describe in detail the methods or approach that will be used to achieve the project objectives.*

ODFW Engineering is already involved at Cedar Creek with the lake pond. If approved, Engineering will be ready to proceed with bids for continued repairs. Clackamas and Roaring River Hatcheries will order from vendors their respective products. All other projects currently have bids from private contractors to perform the work required.

## Engineering

*Does the project involve capital improvement, engineering, site grading or other construction?*

Yes

On ODFW land or managed by ODFW staff

## Project Management and Maintenance

*What is the life expectancy of R&E funded construction, structures, equipment, supplies, data or fishery?*

The life expectancy of these projects is between 20 and 75 years.

*Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.*

ODFW Hatchery and Fish Propagation

*Will the project require ongoing maintenance?*

Yes

Maintenance for each piece of equipment or structure will be part of the standard operational program at their respective facility.

*Is there a plan to collect baseline data and to conduct monitoring efforts to measure the effectiveness of the project?*

Not necessary

## Project Funding

---

### Funding

*Have you applied for OWEB funding for this project?*

No

*Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?*

[{"source":"ODFW Engineering Staff","type":"In-Kind","secured":"Secured","dollarValue":0,"comments":"ODFW Engineers will/have design/ed and manage projects through completion"}, {"source":"ODFW Propagation Staff","type":"In-Kind","secured":"Secured","dollarValue":0,"comments":"Fish Propagation staff will work alongside project managers where allowed and when needed"}]

| Other Funding Source   | Type    | Secured | Dollar Value | Comments                                                                                  |
|------------------------|---------|---------|--------------|-------------------------------------------------------------------------------------------|
| ODFW Engineering Staff | In-Kind | Secured | 0            | ODFW Engineers will/have design/ed and manage projects through completion                 |
| ODFW Propagation Staff | In-Kind | Secured | 0            | Fish Propagation staff will work alongside project managers where allowed and when needed |
|                        |         | Total   | 0            |                                                                                           |

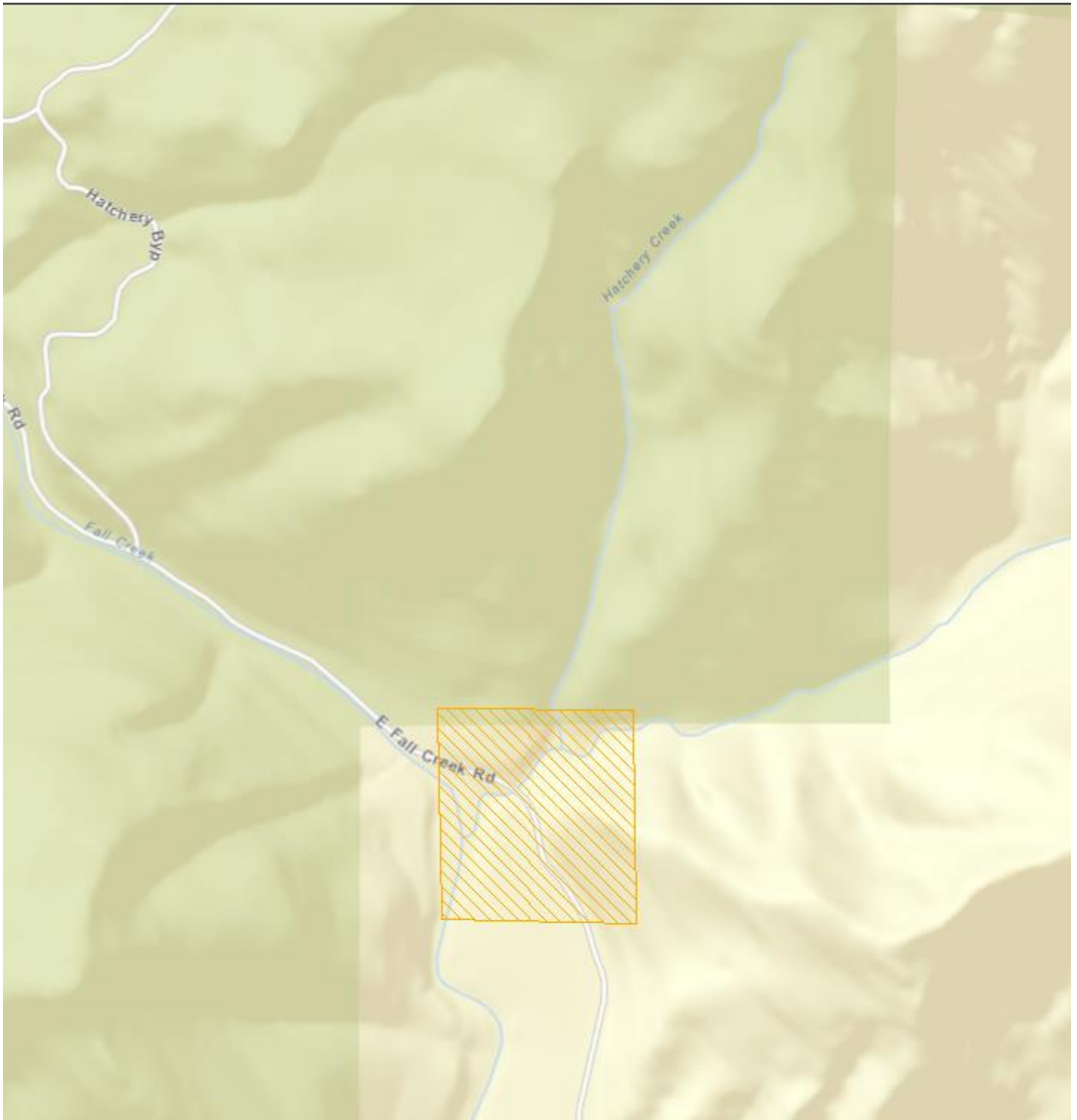
## Budget

| Item                                         | Unit Number | Unit Cost    | In-kind or non-cash contributions | Funding from other sources | R&E Funds | Total Costs |
|----------------------------------------------|-------------|--------------|-----------------------------------|----------------------------|-----------|-------------|
| PROJECT MANAGEMENT                           |             |              |                                   |                            |           |             |
| ODFW Engineers                               | 4           | 0.00         | 0                                 | 40000                      | 0         | 40000       |
|                                              |             | SUBTOTAL     | 0                                 | 40000                      | 0         | 40000       |
| IN-HOUSE PERSONNEL                           |             |              |                                   |                            |           |             |
| ODFW Engineers                               | 6           | 0.00         | 0                                 | 36300                      | 0         | 36300       |
| ODFW Hatchery Staff                          | 6           | 0.00         | 0                                 | 30000                      | 0         | 30000       |
|                                              |             | SUBTOTAL     | 0                                 | 66300                      | 0         | 66300       |
| CONTRACTED SERVICES                          |             |              |                                   |                            |           |             |
| Clackamas UV and Drum Filters                | 5           | 80000.00     | 0                                 | 0                          | 400000    | 400000      |
| Cedar Creek Lake Pond Rehab                  | 1           | 60000.00     | 0                                 | 0                          | 60000     | 60000       |
| Bandon Public Restroom                       | 1           | 80000.00     | 0                                 | 0                          | 80000     | 80000       |
| Roaring Rive Fish Pump                       | 1           | 85000.00     | 0                                 | 0                          | 85000     | 85000       |
| Wallowa Hatchery Siding and Roof replacement | 1           | 220000.00    | 0                                 | 0                          | 220000    | 220000      |
| Klamath Hatchery Vinyl Siding installation   | 1           | 135000.00    | 0                                 | 0                          | 135000    | 135000      |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 980000    | 980000      |
| TRAVEL                                       |             |              |                                   |                            |           |             |
|                                              |             |              | 0                                 | 0                          | 0         | 0           |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 0         | 0           |
| SUPPLIES/MATERIALS                           |             |              |                                   |                            |           |             |
|                                              |             |              | 0                                 | 0                          | 0         | 0           |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 0         | 0           |
| EDUCATION/OUTREACH                           |             |              |                                   |                            |           |             |
|                                              |             |              | 0                                 | 0                          | 0         | 0           |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 0         | 0           |
| EQUIPMENT                                    |             |              |                                   |                            |           |             |
|                                              |             |              | 0                                 | 0                          | 0         | 0           |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 0         | 0           |
| FISCAL ADMINISTRATION                        |             |              |                                   |                            |           |             |
|                                              |             |              | 0                                 | 0                          | 0         | 0           |
|                                              |             | SUBTOTAL     | 0                                 | 0                          | 0         | 0           |
|                                              |             | BUDGET TOTAL | 0                                 | 106300                     | 980000    | 1086300     |



## Project Map

---



## ***Additional Files***

---

Budget Information

Maps

[Project Map](#)

*Map image of project location*

Photos

[Bandon New Public Restroom Design](#)

[Bandon Outhouses](#)

[Wallowa Hatchery Building](#)

[Wallowa Hatchery Building](#)

Design Information

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

[Impact Statement](#)

[Signature Page](#)

### ***Completion Report***

---

A completion report has not been submitted for this project.