



# R & E Grant Application 09-11 Biennium

Project #:  
09-192

## *Alsea Hatchery Restoration Bundle*

### ***Project Information***

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**R&E Project Request:** \$25,124.00  
**Match Funding:** \$17,210.00  
**Total Project:** \$42,334.00  
**Start Date:** 3/12/2010  
**End Date:** 6/30/2011  
**Project Email:** alsea.hatchery@state.or.us  
**Project Biennium:** 09-11 Biennium  
**Organization:** ODFW - Alsea Hatchery

### ***Applicant Information***

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**Name:** William Frank  
**Address:** 29050 Fish Hatchery Road  
Alsea, OR 97324  
**Telephone 2:** 541-487-4416  
**Fax:** 541-487-7248  
**Email:** alseaofw@oregonvos.net

### ***Past Recommended or Completed Projects***

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This applicant has no previous projects that match criteria.

### ***Project Summary***

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This project is NOT part of ODFW's 25 Year Angling Plan.

**Activity Type:** Hatchery Maintenance - ODFW

**Summary:** This project is a bundle of smaller projects that will correct worker and public safety hazards and replace portions of hatchery equipment along with repairing and maintaining others. A portion of leaking domestic water pipe will be replaced. Water input valves for raceways will be replaced. Roads and parking areas and walkways will be re-graveled and graded. The project will replace a 19 year old lawn tractor; repair the power steering pump and seals on a Ford tractor; replace alarm system radio batteries; replace an aging hanging scale; install public safety fence around show pond area; purchase enamel paint to refurbish rusting pond railings; replace cracking fish pump hoses; replace predator netting arches; replace lighting in shop and storage shed; and replace chainsaw and backpack leaf blower.

**Objectives:** To make needed repair and improvements to hatchery buildings grounds

and equipment.

<b>Fishery Benefits:</b>	By investing in hatchery maintenance we can insure our facility remains functional and attractive in order to retain the public trust in our commitments to being good stewards of the hatchery. Additionally by addressing safety issues at our facilities we can reduce or eliminate costly injuries and or litigation which make more money available for fishery programs.
<b>Watershed Benefits:</b>	By maintaining this facility it will continue to function in a cost effective efficient manner that is conducive to being a good partner to the watershed fish production and continue to provide quality fisheries for our anglers.
<b>Current Situation:</b>	The domestic water pipe that distributes water to the public bathroom and hatchery building is in need of replacement. This 60 year old pipe was compromised and patched six times last summer. The 20 year old water input valves for ten of the hatchery ponds are beginning to fail. The seals have cracked and they do not close completely. The hatchery roads, walking paths and parking areas are showing wear and accumulating potholes. The walking paths need to be refurbished with small ADA approved gravel. The Kubota lawn tractor is a "hand me down" from another facility and is 19 years old. It is in need of \$2,500 of repairs to make it operational. The Ford tractor that was used for road grading and field mowing is currently inoperable. To render the tractor operational, it needs the power steering pump and various seals replaced. The hatchery emergency alarm system is in need of new rechargeable radio batteries, and a new scale is needed to replace the old 15 + year old hanging scale that was used for inventorying fish. This scale has become unreliable and is no longer repairable and is essential for hatchery operations. The show pond area is not fenced and is a falling liability hazard to visitors. A fence needs to be installed to keep the public from falling in. Approximately 1/2 of the pond railings at the facility are rusting and in need of repainting. Half were repainted last summer, and staff would like to finish the job. The 8 inch flexible hoses for the fish pump are in need of replacement. They are brittle and beginning to crack. Staff will replace the 15 year old PVC predator netting arches which have become brittle and are beginning to break. Currently the lighting in the shop and storage shed is inadequate and needs to be upgraded. The chain saw and backpack leaf blower are 24 years old and are no longer reliable.
<b>Alternatives:</b>	No alternatives are being considered. We need to maintain the facility if we want it to function properly in the future.
<b>Designer:</b>	The hatchery manager will design the project.
<b>Methods:</b>	All purchases will be made using state purchasing procedures. All labor for the projects with the exception of the tractor repair will be completed by staff and volunteers.

**Inspector:** The hatchery manager will lead and inspect the work.

**Funding Elements:** The R&E funds will be used for the purchases of the supplies and equipment to complete the projects with the exception of the tractor repair and truck barn extension. Equipment that will be purchased will be available to be used by other ODFW facilities if requested.

**Partners:** No

**Existing Plan:** No

**Affected Contacted:** No

**Affected Supportive:** No

**Affected Comments:** This is an ODFW project on ODFW property, so no individuals will be adversely impacted by the projects.

### ***Project Schedule/Participants/Funding***

Activity	Date	Participants
Hatchery staff will purchase and install new raceway pond valves.	7/31/2010	Alsea Hatchery staff
Hatchery staff will replace a 375 ft. section of domestic water pipe.	7/1/2010	Alsea Hatchery staff
Hatchery staff will re-gravel and grade all roadways parking areas and walking paths.	11/30/2010	Alsea Hatchery staff
Hatchery manager will purchase a new lawn tractor for grounds maintenance.	6/1/2010	Hatchery Manager
The Ford tractor will be repaired.	7/1/2010	Certified Diesel Mechanic
Hatchery manger will purchase replacement two way radio batteries for the hatchery alarm system.	6/1/2010	Alsea Hatchery Manager
Hatchery staff will purchase a replacement hanging scale for fish inventoring	6/1/2010	Alsea Hatchery staff
Hatchery staff will construct a fence around show pond area to improve public safety.	10/31/2010	Alsea Hatchery staff
Hatchery staff will purchase enamel paint and complete the painting of pond railings.	9/30/2010	Alsea Hatchery staff
Hatchery staff will purchase and install replacement hoses for fish pump.	8/15/2010	Alsea Hatchery staff
Hatchery staff will purchase and install PVC predator netting arches over raceways.	11/15/2010	Alsea Hatchery staff
Hatchery staff will purchase and install new lighting for shop and storage building.	2/1/2011	Alsea Hatchery staff
Hatchery staff will purchase chainsaw for grounds maintenance.	7/1/2010	Alsea Hatchery staff
Hatchery staff will purchase backpack leaf blower for grounds maintenance.	7/1/2010	Alsea Hatchery staff

**Affected Species:**

Rainbow Trout

Steelhead

### ***Project Permits***

This project has no permits.

### ***Project Monitoring***

Organization	Address	Activity	Frequency
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Alsea Hatchery-ODFW	29050 Fish Hatchery Rd Alsea, OR 97324	Routine maintenance	As per manufacturers specifications
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***Project Maintenance***

Organization	Address	Activity	Frequency
Alsea Hatchery-ODFW	29050 Fish Hatchery Rd Alsea OR 97324 Alsea , OR 97324	Routine maintenance	As per manufacturers specifications

### ***Project Match Funding***

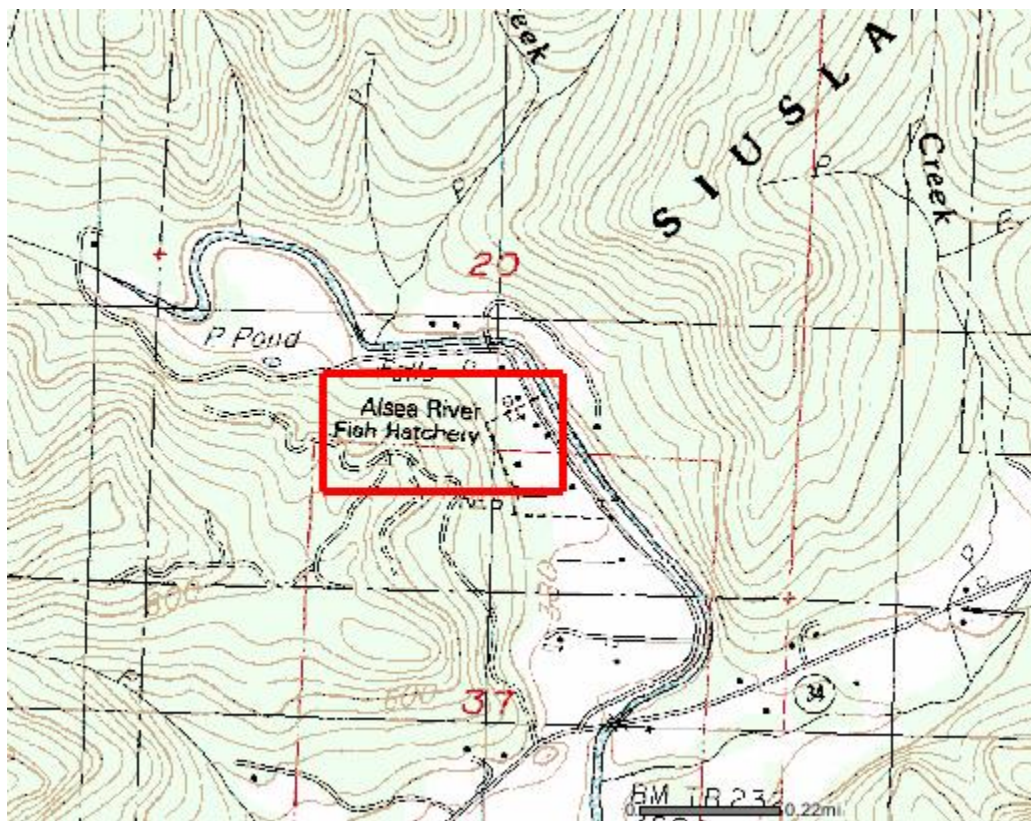
Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$25,124.00	\$17,210.00	\$0.00		\$42,334.00	No	No	
				Total Match Funding:	\$42,334.00			

## Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
BR 420 D Backpack Blower	Equipment	1	\$459.95	\$459.95	\$0.00	\$459.95
Chainsaw MS 390 20 in bar STHIL	Equipment	1	\$489.95	\$489.95	\$0.00	\$489.95
Challenger scale	Equipment	1	\$1,750.00	\$1,750.00	\$0.00	\$1,750.00
John Deere X500 garden tractor	Equipment	1	\$4,850.00	\$4,850.00	\$0.00	\$4,850.00
Rechargeable radio batteries	Equipment	5	\$80.00	\$400.00	\$0.00	\$400.00
Domestic water pipe	Supplies/Materials /Services	1	\$2,535.00	\$625.00	\$1,910.00	\$2,535.00
Enamel pond railing paint	Supplies/Materials /Services	1	\$3,090.00	\$490.00	\$2,600.00	\$3,090.00
Fence for show ponds	Supplies/Materials /Services	1	\$4,300.00	\$1,700.00	\$2,600.00	\$4,300.00
Fish pump hoses	Supplies/Materials /Services	1	\$2,382.20	\$2,232.20	\$150.00	\$2,382.20
Ford tractor repair	Supplies/Materials /Services	1	\$3,000.00	\$3,000.00	\$0.00	\$3,000.00
Gravel for roadways and parking lot	Supplies/Materials /Services	1	\$8,080.00	\$2,980.00	\$5,100.00	\$8,080.00
Lighting for shop and storage building	Supplies/Materials /Services	1	\$2,646.90	\$1,046.90	\$1,600.00	\$2,646.90
Pond valves	Supplies/Materials /Services	1	\$3,150.00	\$2,500.00	\$650.00	\$3,150.00
PVC for predator netting	Supplies/Materials /Services	1	\$5,200.00	\$2,600.00	\$2,600.00	\$5,200.00
					Total Budget:	\$42,334.00

## Project Map

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### ***Additional Files***

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Click a link to view that particular file.

[pictures of repairs](#)

[signature page](#)