



R & E Grant Application 13 Biennium

Project #:
13-060

Rock Creek Instream Enhancement 2014

Project Information

R&E Project Request: \$78,600.00
Match Funding: \$213,737.00
Total Project: \$292,337.00
Start Date: 4/26/2014
End Date: 6/30/2015
Project Email: TerryL@UmpquaRivers.org
Project Biennium: 13 Biennium
Organization: Partnership for the Umpqua Rivers (Tax ID #: 93-1298800)

Fiscal Officer

Name: Debbie Thornton
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Technical Contact

Name: Sam Moyers
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Applicant Information

Name: Terry Burleson
Address: 1758 NE Airport Rd
Roseburg, OR 97470
Telephone: 541-673-5756 x148
Email: TerryL@UmpquaRivers.org

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Project Summary

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

Activity Type: Habitat

Summary: Rock Creek, one of main tributaries to the North Umpqua River, is a major contributor to OC coho, spring and fall Chinook, summer and winter steelhead, cutthroat trout and Pacific lamprey production. A new fish ladder, located at the dam near the mouth of Rock Creek, has greatly improved fish passage, but poor upstream habitat still limits fish production. In-place instream restoration projects are already working to increase fish survival. Restoration work planned for 2014 implementation will occur immediately downstream from already restored habitat and will include 1,400 boulders, 20 trees and 51 logs placed at 19 sites.

Objectives: The long-term outcome of the Rock Creek Restoration Project is the restoration of historic runs of wild anadromous fish to the watershed. This will be accomplished through watershed-scale instream and side channel habitat restoration. This phase of instream restoration work includes the placement of 51 logs, 20 trees and 1,400 boulders throughout 19 sites in Rock Creek and will create specific habitats: slow flowing meanders, juvenile fish refuge areas, spawning gravels for spring Chinook,

summer steelhead and coho, and deep pools for upstream migrating fish.

**Fishery
Benefits:**

The North Umpqua River Watershed is located in southern Oregon. The mainstem river flows 110 miles from the Cascade Range to meet the South Umpqua River 5 miles west of Roseburg. Approximately 34 miles between the mouth of Rock Creek upstream to the Soda Springs dam, have been designated as Wild and Scenic. This reach hosts world class fly fishing for salmon and steelhead and is home to a rich and diverse anadromous fishery. Oregon Coast (OC) coho, fall and spring Chinook salmon, winter and summer steelhead, searun cutthroat trout, and Pacific lamprey return to the river and its tributaries to spawn. A historic hatchery exists at Rock Creek dam. Spring Chinook and winter steelhead are released at this site and return to Rock Creek. Within the next two years, wild and hatchery fish will be separated at the fish ladder and only wild fish will be allowed to pass upstream. As hatchery releases decline, restoration work done in Rock Creek and other North Umpqua tributaries contributes directly to greater fishing opportunities.

**Watershed
Benefits:**

Limiting factors to anadromous fish have been identified in the watershed and include inadequate summer and winter instream fish habitat needed to support thriving native fish runs, hatchery influences on native fish genetics and fish passage barriers for migrating fish. Work has already begun to address these limiting factors and includes instream fish habitat restoration, the reduction of hatchery fish releases, and the renovation of a fish ladder at a full-spanning dam across Rock Creek. As part of the fish ladder renovation, a fish sorting station will be run to allow only wild native fish to pass upstream. Land ownership in the watershed is a checkerboard of BLM and private lands. A coordinated effort between state and federal agencies as well as the local watershed council is in place to continue to restore degraded instream fish habitat. Contiguous restoration across ownerships is needed to provide a variety of habitat types needed for the many runs of fish migrating up and rearing in Rock Creek.

**Current
Situation:**

The Oregon Coastal Coho Assessment (2005) states that hatchery influence and lack of habitat are the main limiting factors for wild fish production in the North Umpqua Watershed. Douglas County's only remaining hatchery is located near the mouth of Rock Creek. Competition for habitat and food, increased predator populations, genetic changes in wild fish and increased infectious disease problems are a few potential concerns that may adversely impact wild salmonid populations. The Oregon Department of Fish and Wildlife (ODFW) has identified High Intrinsic Potential habitat for OC coho throughout the Rock Creek watershed, but most of the same area is also currently identified as having poor winter habitat. The lack of refuge from high winter flows in the tributaries causes juvenile fish to be flushed into the mainstem North Umpqua River where winter survival is much lower for rearing fish.

As part of a multi-agency review process, the North Umpqua Watershed was recognized as a "salmon stronghold" by the Wild Salmon Center (WSC). The WSC, National Fish and Wildlife Foundation (NFWF) and the Oregon Governor's office have joined to support the stronghold concept. The Oregon Governor's Fund (GF) for the Environment recently realigned to focus on supporting the stronghold watersheds in Oregon.

Restoration in Rock Creek, a 13,465 acre tributary to the North Umpqua River, is based off of identified bottlenecks to fish production. The Rock Creek Area Assessment and Action Plan (2006) listed seven specific limiting factors that impede salmon recovery:

- Lack of winter habitat and refuge from high winter stream flows.
- Elevated summer temperatures that stress fish.
- Lack of gravel substrate required for spawning.
- Fish passage barriers or obstacles preventing access to habitat.
- Hatchery influence on genetics of wild fish populations.
- Elevated peak flows due to lack of wood and boulders in the stream.
- Lack of adult holding pools and harassment of fish in existing pools by humans.

Since the assessment was completed in 2006, a portion of the limiting factors have been addressed. The dam across Rock Creek at the hatchery, which was built in 1940, was retrofitted with a state of the art fish ladder in 2010. Up to three times more fish are observed by ODFW surveyors upstream of the dam now that the improvements have been made. OC coho have not been released at the hatchery since 2006, but summer steelhead and spring Chinook continue to be released. As part of the improved fish ladder, a fish sorting station will be operating within the next two to five years to ensure only native wild fish pass upstream. This aspect of the overall plan for Rock Creek is unique in the Umpqua and will eliminate any future hatchery influence upstream of the dam. Multiple culverts in the watershed have been measured and ranked for their severity at blocking upstream fish migration using the Umpqua Basin Fish Access Team (UBFAT) protocol and model. Replacing these culverts in future phases of project work will open up additional miles of habitat that are currently inaccessible to anadromous fish. BLM and USFS engineers have already begun the design phase for two of the most complex culverts that block four miles of fish habitat up Kelly and McComas creeks.

Instream restoration work is already being planned and prioritized for future phases (see map). In the immediate future, the planning group has prioritized work in the tributaries and upper mainstem stream reaches. In the longer term, work will be planned in the lower mainstem creek where the active channel is quite wide. Large side channels are part of the stream geomorphology in these areas. In an effort to better understand this complex area of the stream, as well as to “see through the trees” in the watershed, the BLM raised the funds needed for a LIDAR survey of the entire watershed. The data was collected this year and the planning team has already begun to use these detailed maps. This survey data will be used as a powerful way to assist with planning large scale, big water projects that reconnect critical side channel habitat to the mainstem.

Pre-project habitat surveys (summer and winter) showed that in the absence of restoration the primary channel is simplifying yearly and the usable habitat is becoming less suitable for overwinter survival. Until primary channel habitat structures are completed, this trend in channel simplification will continue.

Secondary (side) channel habitat, prior to project completion, showed the same simplification and is becoming isolated from base winter flow levels. Preliminary results show that the amount of secondary channel habitat available for summer and winter habitat has improved significantly with this project, a 72% increase over the pre-project average. Secondary channel pool area has increased (summer and winter) as has the total number of pools that can house fish all year long. During the first year of post-project juvenile coho monitoring (snorkel density counts), the density of overwintering coho nearly doubled the 3 year average. The majority of those fish were counted in the secondary channels versus overwintering in the primary channel. Spawning survey pre-project numbers are more difficult to see any trends, some of that may be due to the discontinuing of hatchery coho releases from Rock Creek hatchery which occurred in 2006 with the last non-straying adults returning to Rock Creek hatchery in 2008. The first year of post-restoration project fish returns will occur during the winter of 2013.

Project designs for 2014 work are very similar to designs already implemented (see photos). ODFW biologists have already coordinated with private timber owners on Rock Creek for permission to do the work. Restoration reaches on BLM lands were chosen to connect restoration contiguously across multiple ownerships. A total of 160 logs, 70 trees and 2,100 boulders were placed at 50 sites throughout 3.25 miles of Rock Creek and East Fork Rock Creek during July and August of 2013. Project areas will tie together planned restoration with previously restored areas and make restoration contiguous across 7.5 miles of various private and BLM parcels. Project work proposed for 2014 will extend restoration 1.0 mile immediately downstream from this area.

Alternatives: The project designers had many choices when laying out this project, but ultimately used a subset of instream designs that have performed the best throughout the other portions of the Rock Creek watershed. Other structures that have been placed using these designs have remained stable under high flow conditions and worked well to capture and utilize the massive amounts of bedload (substrate) that move through this system each year. Very large boulders were chosen for this project due to the width to depth ratios seen across the project area. Even though these are very large boulders, they are not higher than the ordinary high water and pose no threat to upstream migration. The complexities they create during high flows help migrating fish by providing critical resting areas. This size of material is also what is needed to slow flows enough to deposit spawning gravels needed for spring Chinook and summer steelhead. For example, Spring Chinook need about 36" of gravel to dig a successful redd.

Designer: Sam Moyers, ODFW North Umpqua Hydromitigation Biologist
Kirk Haskett, ODFW North Umpqua Hydromitigation Biologist
Jeff McEnroe, BLM Swiftwater Area Fisheries Biologist

Methods:**Project Design**

- ODFW Rock Creek Mitigation Biologists led design work for this phase of project work in Rock Creek. They determined the locations, designs, material needs and equipment access for each of the 19 sites.
- Structures have been designed based on sites already in place in the watershed that are providing the highest quality summer and winter fish habitat for the many fish species present.
- The biologists also used results from two ongoing monitoring projects in Rock Creek to select the best locations for sites.
- Rock Creek is much more gravel rich than other streams in the Umpqua and this was a critical design consideration.
- This project area was chosen to tie together planned and previously restored areas to make restoration contiguous across 8.5 miles of various private and BLM parcels.

Project Implementation:

- A total of 51 logs and 1218 boulders will be purchased, staged and placed at 19 sites throughout 1.0 mile of Rock Creek. An additional 20 trees will be placed throughout the project area.
- Sites will be located on both BLM and FIA lands. PUR, BLM and ODFW biologists will work together to coordinate staging, traffic control, and placement of materials.
- Best Management Practices (BMPs) will be used for sediment abatement.
- Disturbed access areas will be seeded with native stock and mulched to prevent the spread of blackberry and other invasive species.

Post-Project Monitoring

- ODFW, BLM and PUR will work together to monitor photo points and other sites to determine the overall effectiveness of the project.
- Effectiveness of the structure placements will be determined by a combination of structure integrity after high water events, the amount of winter refuge created during high water events, and the survival of the associated plantings.
- ODFW and BLM biologists will also continue to monitor summer and winter fish populations to detect increases in fish survival due to restoration work.

Project Coordination and Planning

- Coordinate ODFW, PUR and BLM biologists with contractors.
- Keep close contact with the private landowners and federal land managers and schedule regular coordination meetings.
- Purchase materials, transport purchased and donated materials and stage and prepare materials.
- Prepare schedule of items for log and boulder placement contracts.
- Award contracts.
- Inspect project installation and post-project site rehabilitation seeding and mulching.
- An Environmental Assessment (EA) has been completed.
- The project will be covered by the BLM's Programmatic General Authorization

(ARBO) with the Army Corps of Engineers (ACOE) and Division of State Lands (DSL).

Inspector: Sam Moyers (ODFW), Jeff McEnroe (BLM), Terry Burleson (PUR)

Funding Elements: R&E funds will be used to pay for staff time, excavator-based boulder placement, boulders, and grant administrative costs. Staff time will be used for Terry Burleson, PUR's Senior project planner and Hydrologist. Terry will use R&E funded time to spend five days working with ODFW on material staging (rock and log delivery). Other project management duties are funded through OWEB.

Partners: Yes

ODFW Hydromitigation staff: These biologists have the primary duty of designing and implementing instream restoration work on private lands in the area covered under the PacifiCorp hydromitigation MOU, which includes Rock Creek.
Roseburg BLM Swiftwater Area Fisheries staff: BLM staff work closely with ODFW and PUR to plan, design, permit, fund, and implement instream restoration in Rock Creek.

Existing Plan: Yes

PUR completed the Rock Creek Region Assessment and Action Plan in 2006. The input of many local area biologists was used to create the list of limiting factors to fish, as well as a specific list of actions needed for fishery recovery in Rock Creek. Work planned in Rock Creek implements portions of the action plan.

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: Local BLM staff have been extremely supportive of work on BLM-managed lands and are part of long-term restoration planning in the watershed. Steve Ziegler, Forester for Mason, Bruce, and Girard, Inc., represents FIA LC timber holdings in Rock Creek and has supported earlier phases on instream work on FIA lands, as well as continued work into the future.

Project Schedule/Participants/Funding

Activity	Date	Participants
ARBO Permit Approval	3/1/2014	Jeff McEnroe, BLM Fisheries Biologist
Solicit bids for materials, begin acquisition	3/1/2014	Terry Burleson, PUR
Solicit bids for implementation	4/15/2014	Terry Burleson, PUR
Award Implementation Contract	5/1/2014	Eric Riley, PUR Executive Director
Stage logs and boulders	6/1/2014	Terry Burleson, PUR; Kirk Haskett, ODFW
Log and boulder placement	7/1/2014	Moyers, Haskett, Burleson, McEnroe
Project inspection	7/1/2014	Moyers, Haskett, Burleson, McEnroe
Post project monitoring and reporting	10/15/2014	Moyers, Haskett, Burleson, McEnroe

Affected Species: Chinook Salmon
Coho Salmon

Steelhead

Project Permits

Name	Issued By	Secured?	Date Secured	Date Expected
ARBO	Roseburg BLM	No	1/1/0001	3/1/2014

Project Monitoring

Organization	Address	Activity	Frequency
ODFW	4192 North Umpqua Hwy. Roseburg, OR 97470	Summer and winter snorkel surveys to determine survival of juvenile fish; spawning surveys for summer Steelhead, Spring Chinook, OC coho, and winter steelhead	Snorkel surveys: 2x/year; spawning surveys 1x/year
Partnership for the Umpqua Rivers	1758 NE Airport Rd. Roseburg, OR 97470	Post project status reporting	2x/year for 2 years
Roseburg BLM	777 Garden Valley Blvd. Roseburg, OR 97471	Summer and winter habitat surveys	2x/year

Project Maintenance

Organization	Address	Activity	Frequency
ODFW	4192 N. Umpqua Hwy. Roseburg, OR 97470	No maintenance is expected for instream structures.	Structures will be inspected throughout the year and at various flows

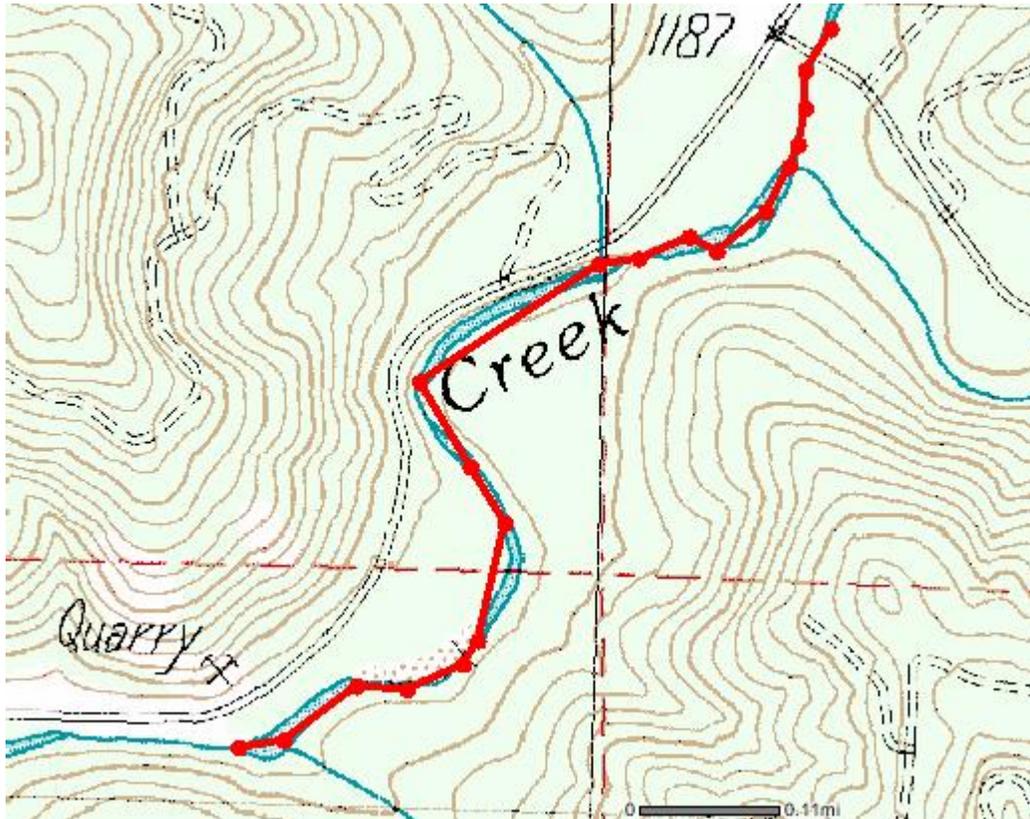
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$78,600.00	\$0.00	\$0.00		\$78,600.00	No	No	
ODFW	\$26,800.00	\$20,944.00	\$0.00		\$47,744.00	Yes	No	
BLM	\$0.00	\$32,160.00	\$0.00		\$32,160.00	Yes	No	
FIA LP	\$0.00	\$11,350.00	\$0.00		\$11,350.00	Yes	No	
Meyer Memorial Trust	\$4,090.00	\$0.00	\$0.00		\$4,090.00	Yes	No	
OWEB	\$118,393.00	\$0.00	\$0.00		\$118,393.00	Yes	No	
				Total Match Funding:	\$292,337.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
Grant Fiscal Administration	Administration	1	\$12,092.00	\$4,500.00	\$7,592.00	\$12,092.00
Boulder Staging	Contracted Services	1400	\$41.00	\$0.00	\$57,400.00	\$57,400.00
Excavator-based boulder placement	Contracted Services	1400	\$25.00	\$9,550.00	\$25,450.00	\$35,000.00
Excavator-based log placement	Contracted Services	51	\$75.00	\$0.00	\$3,825.00	\$3,825.00
Log Staging	Contracted Services	51	\$40.00	\$0.00	\$2,040.00	\$2,040.00
Mobilization	Contracted Services	1	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00
Site rehabilitation/reseeding	Contracted Services	19	\$50.00	\$0.00	\$950.00	\$950.00
FIA Timber Manager	Personnel	3	\$450.00	\$0.00	\$1,350.00	\$1,350.00
ODFW Hydromitigation Biologists	Personnel	56	\$350.00	\$0.00	\$19,600.00	\$19,600.00
Post Implementation Status Reporting	Personnel	2	\$1,170.00	\$0.00	\$2,340.00	\$2,340.00
PUR Executive Director	Personnel	20	\$409.00	\$0.00	\$8,180.00	\$8,180.00
PUR Senior Project Manager	Personnel	38	\$390.00	\$1,950.00	\$12,870.00	\$14,820.00
Roseburg BLM Fisheries Staff	Personnel	20	\$400.00	\$0.00	\$8,000.00	\$8,000.00
Boulders	Supplies/Materials /Services	1400	\$59.00	\$62,600.00	\$20,000.00	\$82,600.00
Logs	Supplies/Materials /Services	51	\$400.00	\$0.00	\$20,400.00	\$20,400.00
Whole conifers	Supplies/Materials /Services	20	\$1,000.00	\$0.00	\$20,000.00	\$20,000.00
BLM Mileage	Travel	1000	\$0.56	\$0.00	\$560.00	\$560.00
ODFW Project Mileage	Travel	2400	\$0.56	\$0.00	\$1,344.00	\$1,344.00
PUR Project Mileage	Travel	600	\$0.56	\$0.00	\$336.00	\$336.00
					Total Budget:	\$292,337.00

Project Map



Additional Files

Click a link to view that particular file.

[Design photos](#)

[High Intrinsic Potential and Winter Habitat Maps](#)

[Letter of Support](#)

[Letter of Support](#)

[Letter of Support from BLM](#)

[List of previous RE projects](#)

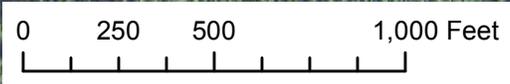
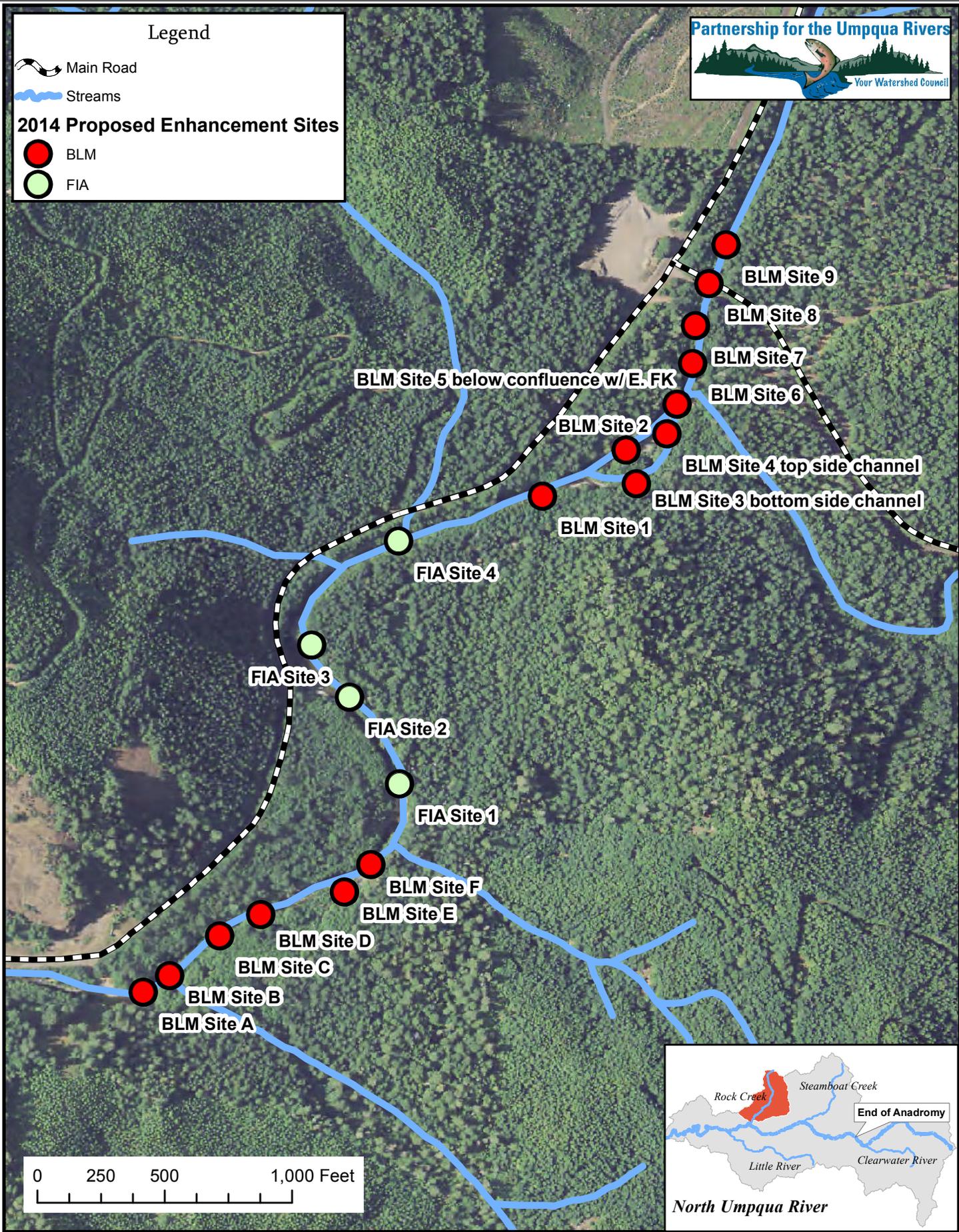
[Map of Rock Creek 2014 Sites](#)

[Map of Rock Creek Watershed](#)



Legend

- Main Road
- Streams
- 2014 Proposed Enhancement Sites**
- BLM
- FIA



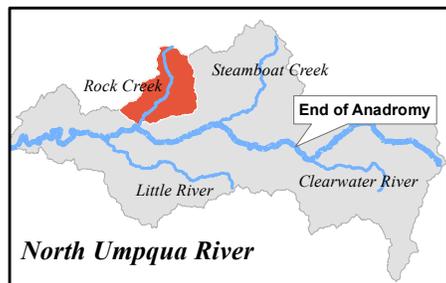
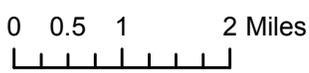
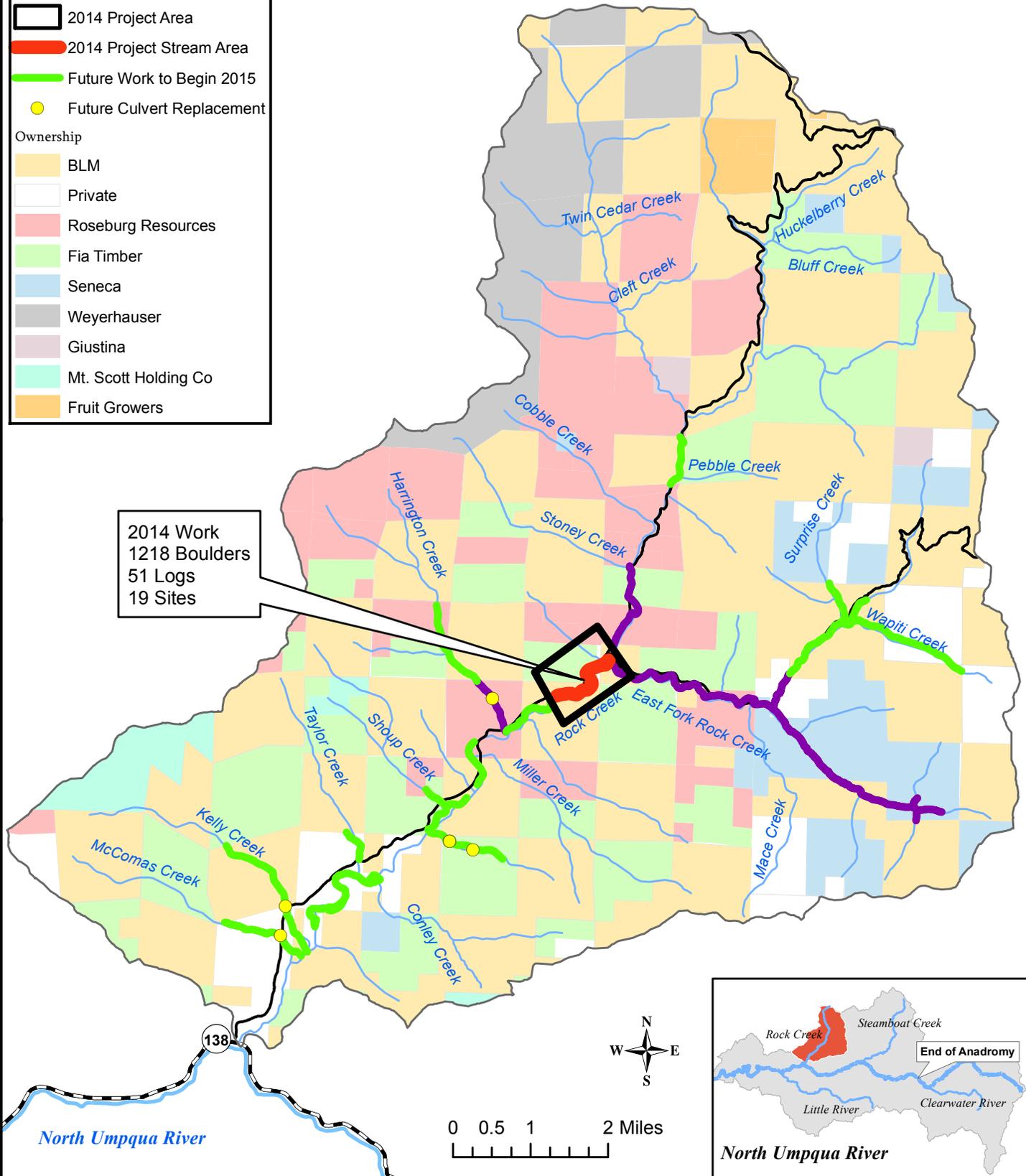
Rock Creek Instream Habitat Enhancement - 2014 Proposed Sites

Legend

- Main Roads
- Streams
- 2009-2013 Instream Work
- 2014 Project Area
- 2014 Project Stream Area
- Future Work to Begin 2015
- Future Culvert Replacement

Ownership

- BLM
- Private
- Roseburg Resources
- Fia Timber
- Seneca
- Weyerhaeuser
- Giustina
- Mt. Scott Holding Co
- Fruit Growers



Rock Creek Instream Habitat Enhancement - 2014

Signature Authorization Page

I hereby make an application for financial assistance under the terms and conditions of the R&E Program as described in my project application.

I understand that if my project is approved for funding, the following will apply:

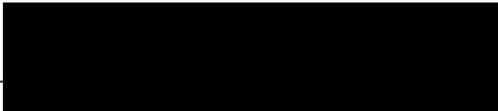
- All project sponsors must sign a grant agreement containing the terms and conditions on which funding will be released.
- Project expenses which occur before the grant agreement is signed or after the expiration date will not be paid by the R&E Program.
- Copies of all necessary permits must be submitted to the R&E Program.
- Project sponsors must certify compliance with local, state, and federal regulations and laws.
- Landowner, monitoring and maintenance agreements must be submitted to the R&E Program.
- Regular progress reports may be required, and at the end of each project a Completion Report must be submitted.
- Educational products resulting from projects are public domain.
- All information submitted to either party under this application is subject to the federal Freedom of Information Act.

Project Title: Rock Creek Instream Enhancement 2014

Applicant: Partnership for the Umpqua Rivers

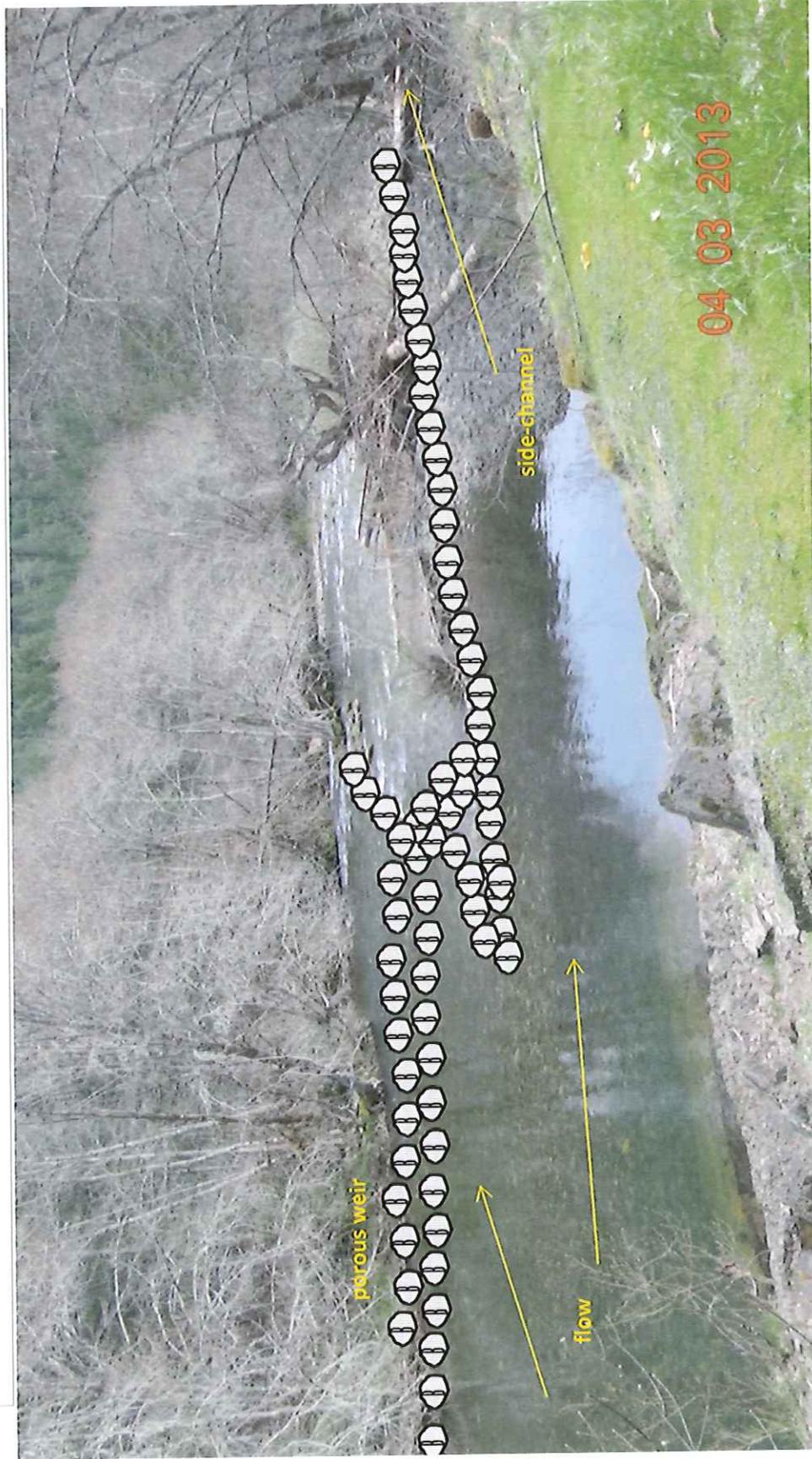
Date: 12/12/13

Fiscal Officer:



Date: 12-12-13

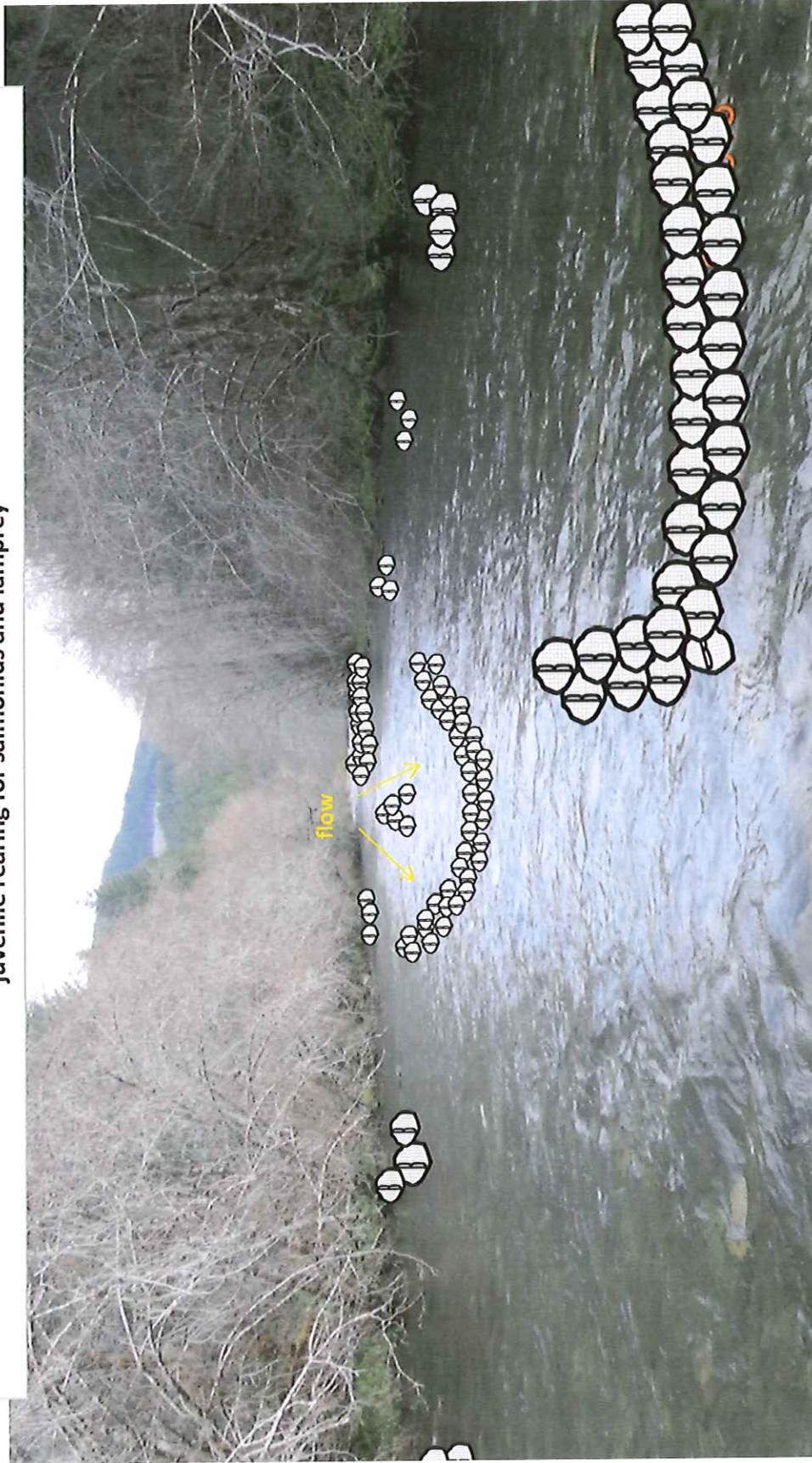
FIA Site #2 50 large boulders 50' wide channel
Porous/deflector weir designed to raise pool level & divert more flow into side channel at right
while allowing fish passage & retaining tail-out spawning gravel



FIA Site #4

85 large boulders 60' wide channel

Barbs, chevrons and u-shaped thalweg and edge deflectors divide energy to slow water velocity and drop out gravel to encourage meander and narrowing in channel within the streambanks providing adult spawning and juvenile rearing for salmonids and lamprey

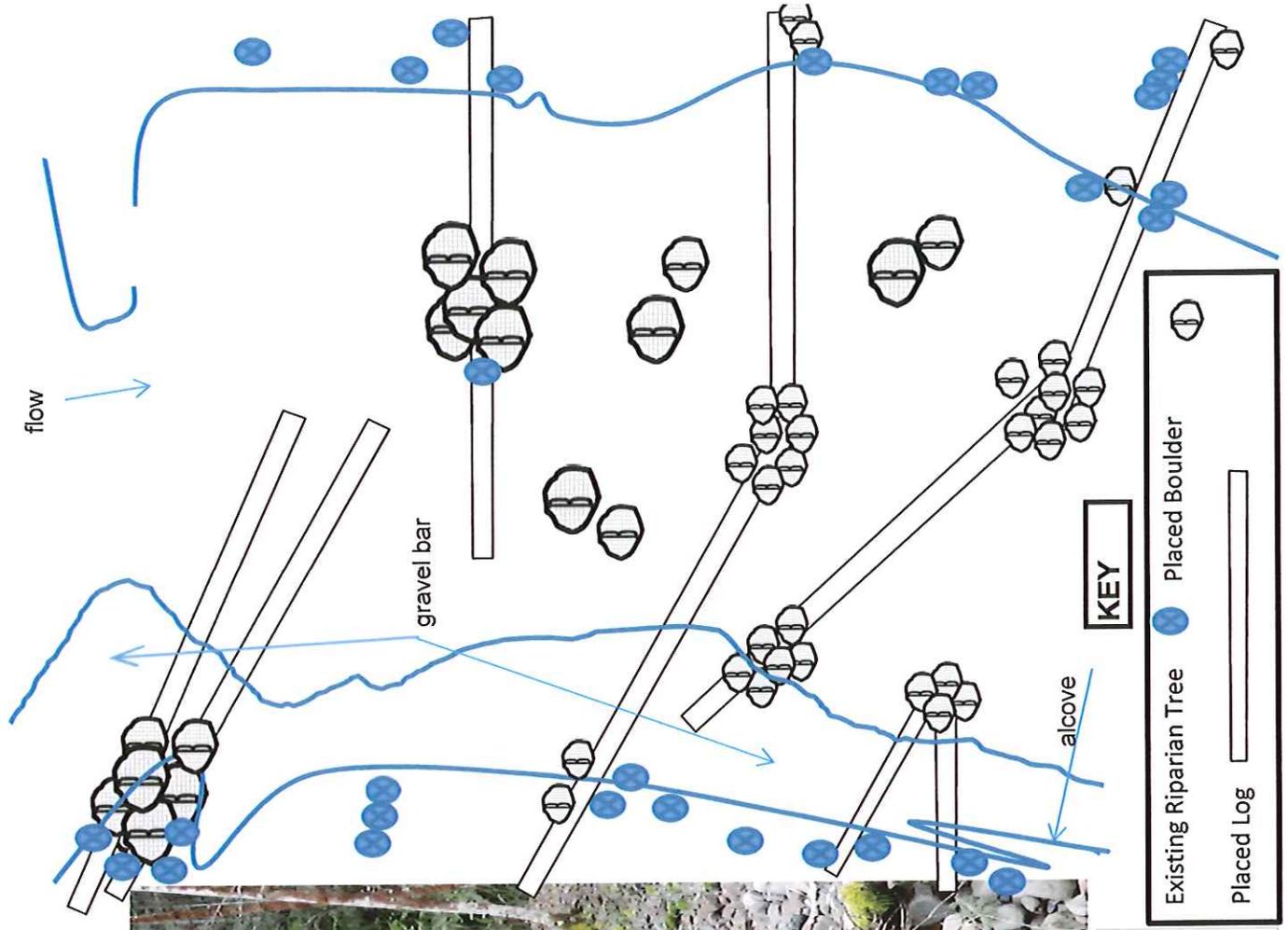


BLM Site #3 bottom of side channel

- 55 large boulders
- 2-30'x18" logs
- 7-50'x18"-24" logs

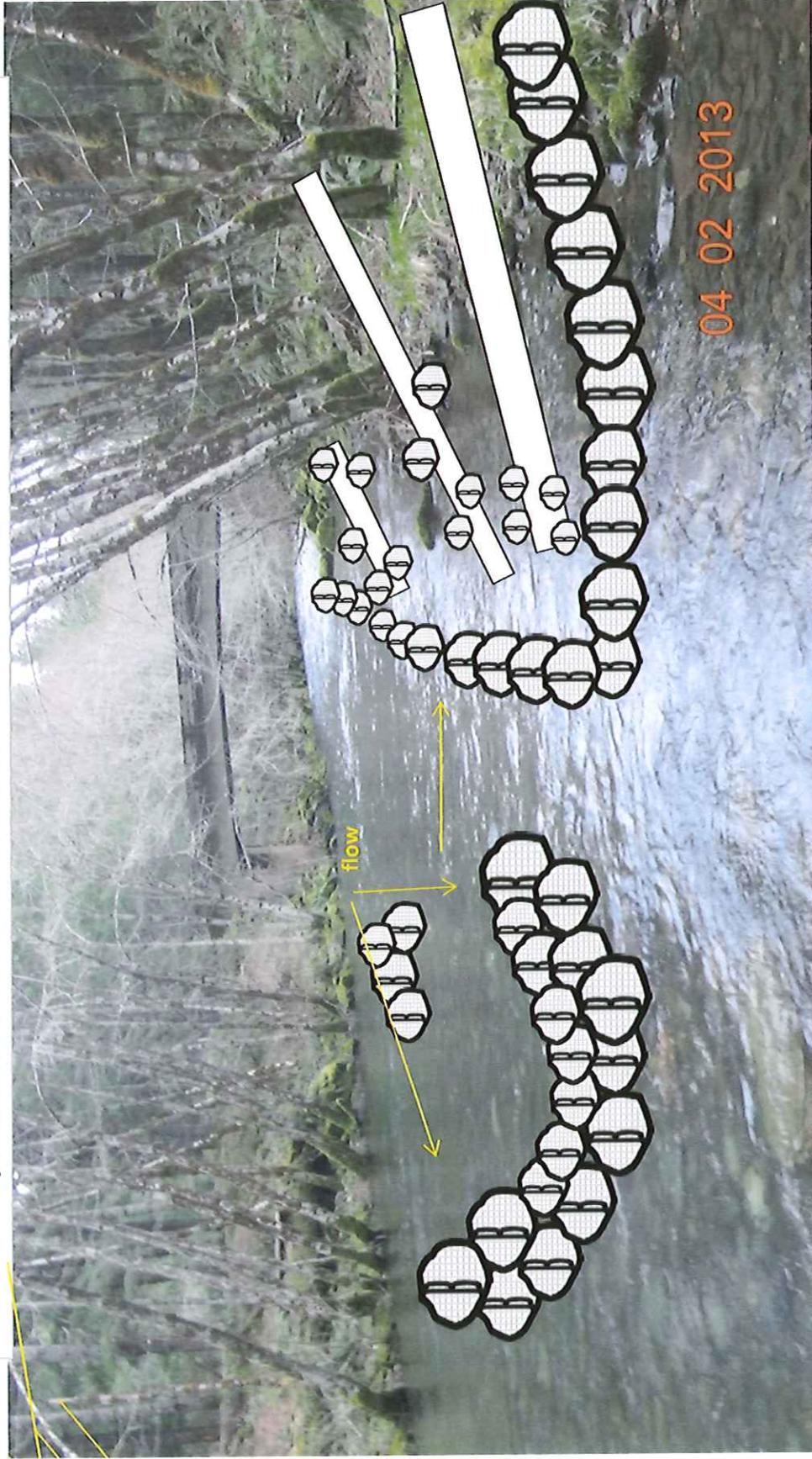


Bottom log/boulder weir raises juvenile pool while log/boulder combinations & boulders in pool provide cover for juveniles and smaller logs at left above alcove continue to promote high flow scour for overwintering juveniles



BLM Site #7 50 large boulders 3-40' x 24" logs 45' wide channel

U-shaped thalweg deflector designed to slow & divide flow while adding depth for lateral flow to enter juvenile designed habitat structure on the edge/lee area at right . This site was also designed to compliment the upstream and downstream sites to deflect and split thalweg in this 1000 meter reach.



Rock Creek Instream Enhancement – Previously Completed Sites



Looking upstream at project work completed in mainstem Rock Creek during summer 2012. Project work at this site is similar to proposed designs for 2014 work. Logs are keyed into streamside alder trees in order to not swing during high flow events. Instead they will work to create scour holes in the ample amounts of substrate present at this site and maintain deep, cool pools used by juvenile coho and steelhead during summer and winter. The logs also catch coarse woody debris and provide cover for juvenile fish from predators. Large boulders placed in clusters in the stream have worked to manipulate the thalweg and create areas of flow diversity. Work for 2014 is modeled off of this site and other sites providing excellent fish habitat.

Rock Creek OC Coho High Intrinsic Potential (HIP) and Winter Habitat Maps

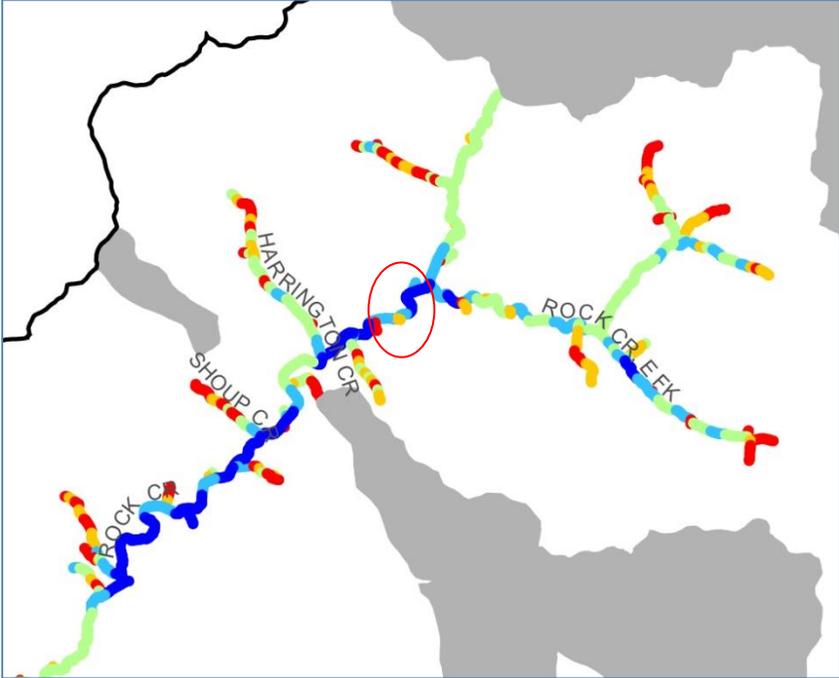


Figure 1. Rock Creek showing the areas of the highest intrinsic potential (HIP) habitat in dark blue, medium high in light blue, medium habitat in green, medium low in yellow, and low in red. Project work for 2014 is circled in red.

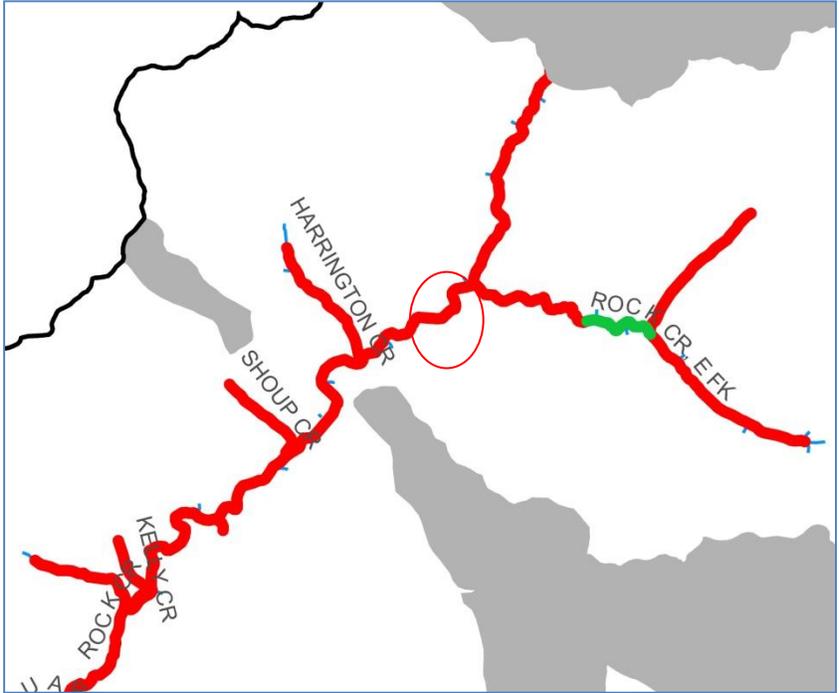


Figure 2. Rock Creek coho habitat (HabRate model) showing areas of the lowest quality winter habitat in red, and medium low quality habitat in green. High quality habitat, if present, would have been shown in blue. Project work for 2014 is circled in red.

2014 Rock Creek Mainstem and Side Channel Materials List

Site Number	Ownership	Boulders (4'-7')	Log # (length required)
1	BLM	70	5 (40'-50')
2	BLM	55	
3	BLM	55	9 (30'-50')
4	BLM	55	3 (50')
5	BLM	50	
6	BLM	75	3 (40'-50')
7	BLM	50	
8	BLM	62	
9	BLM	105	
1	FIA	123	15 (30'-=50')
2	FIA	50	
3	FIA	135	1 (50')
4	FIA	85	
a	BLM	134	
b	BLM	80	
c	BLM	81	5 (35')
d	BLM	80	2 (30')
e	BLM	55	5 (30')
f	BLM	Excavate and rearrange existing material	
Totals:		1400	51

Mason, Bruce & Girard, Inc.

Natural Resource Consultants

www.masonbruce.com

December 13, 2013

Terry Burlison
Senior Planner
Partnership for the Umpqua Rivers
1758 NE Airport Rd
Roseburg, OR 97470

Mason, Bruce & Girard Inc. (MB&G) acts in the capacity of land managers and local representatives for Forest Investment Associates (FIA) for management of timberlands in the Rock Creek Watershed, tributary to the North Umpqua River in Douglas County, Oregon, as well as other timberlands across the state and in Washington and California.

ODF&W has been conducting in-stream habitat improvement projects in Rock Creek and East Fork Rock Creek for several years, and we have been cooperating on those projects since the property was acquired by FIA approximately four years ago.

We and our client are supportive of such projects and would like to see them continue in this area. We are firm believers in the fact that commercial timberland management and clean water can both be realized in a watershed with the use of sound management practices, and with habitat improvement projects such as we are seeing in this area. We are confident that such practices enhance the overall value of the property and in no way have hindered other management objectives for the timberlands.

We intend to continue to cooperate in these projects so long as they can continue. Our client is committed to providing access across their lands to the watercourse areas, as well as trees, stumps, rocks and other materials that may be obtained on site for in-stream placement. It is our hope that funding can continue to be obtained from a variety of sources to continue the good work that has been conducted thus far in this area.

Best Regards

Steven Ziegler
Forester, Mason, Bruce & Girard, Inc.
Representatives for Forest Investment Associates

Medford Office; 33 North Central Avenue, Suite 418 • Medford, Oregon 97501 • Phone 541-973-1951

MAIN OFFICE; 707 SW Washington St., Suite 1300 • Portland, Oregon 97205-3530 • Phone 503-224-3445

Past Recommended or Completed Projects

Number	Name	Status
11-079	Scholfield Creek Restoration	Completed
11-078	Waggoner Creek Instream Restoration	Completed
11-129	West Fork Smith River Instream Restoration Phase 3	Completed
13-018	Bilger Creek Restoration	Approved

RECEIVED
5-8-06

Internal Revenue Service
P.O. Box 2508
Cincinnati, OH 45201

Department of the Treasury

Date: May 4, 2006

Person to Contact:

Sophia Brown
ID# 31-03530

Toll Free Telephone Number:
877-829-5500

Employer Identification Number:
93-1298800

PARTNERSHIP FOR THE UMPQUA RIVERS
% KEN FERGUSON PRES
1758 NE AIRPORT RD
ROSEBURG OR 97470-1419

Dear Sir or Madam:

This is in response to your request of March 7, 2006, regarding your tax-exempt status.

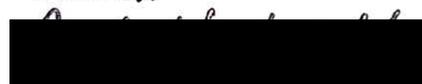
Our records indicate that a determination letter was issued in December 2001 that recognized you as exempt from Federal income tax. Our records further indicate that you are currently exempt under section 501(c)(3) of the Internal Revenue Code.

Our records also indicate you are not a private foundation within the meaning of section 509(a) of the Code because you are described in section 509(a)(1) and 170(b)(1)(A)(vi).

Donors may deduct contributions to you as provided in section 170 of the Code. Bequests, legacies, devises, transfers, or gifts to you or for your use are deductible for federal estate and gift tax purposes if they meet the applicable provisions of sections 2055, 2106, and 2522 of the Code.

If you have any questions, please call us at the telephone number shown in the heading of this letter.

Sincerely,



Cindy Westcott
Manager, Exempt Organizations
Determinations



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Roseburg District Office
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471
email address: BLM_OR_RB_Mail@blm.gov

DEC 16 2013

IN REPLY REFER TO:
6760 (ORR040)

Oregon Department of Fish & Wildlife
4034 Fairview Industrial Drive SE
Salem, OR 97302

Dear Sir or Madame,

I am writing this letter on behalf of the Partnership for the Umpqua Rivers' (PUR) grant application for the Rock Creek instream restoration project. The Bureau of Land Management (BLM) Roseburg District manages about 425,000 acres in the central portion of the Umpqua Basin, which are interspersed in a checkerboard pattern with private lands. Given this land-ownership pattern, we must work closely with a wide variety of partners to restore resources across ownership boundaries. One partner in particular, PUR, helps us accomplish this, by serving as a hub bringing diverse interests together. The BLM has worked with PUR on a wide variety of projects over the last 13 years and consider them a tremendous ally in aquatic resource management.

Currently, the Rock Creek watershed is one of our top priority areas for restoration. It contains one of the most diverse fish populations of any watershed in the Umpqua Basin providing habitat for Spring Chinook Salmon, Oregon Coast Coho Salmon, Pacific lamprey, summer and winter steelhead, and migratory cutthroat trout. The Roseburg District and Forest Service have already committed over \$150,000 to restoration work in the watershed. We have worked hand-in-hand with PUR, ODFW, and private landowners to plan and implement this work.

Additionally, Rock Creek is designated as a "learning watershed." ROCK-ED, an outdoor education center, is located at the ODFW Rock Creek fish hatchery in the watershed along with numerous interpretive trails. ROCK-ED is a unique outdoor educational facility created by many partners in the Umpqua Basin. There will be excellent opportunities with this project to educate students of all ages about the value of watershed restoration, hatcheries, watershed science, and aquatic ecology.

With funding from the ODFW R&E program, PUR can continue to implement high quality instream restoration projects that benefit the greatest diversity of native fish in the Umpqua Watershed. We feel that PUR is more than capable of managing this project and highly recommend them for these grants. If you have any questions or concerns please contact me at (541) 464-3316.

Sincerely,

Jeff McEnroe
Fish Biologist
Swiftwater Field Office