



R & E Grant Application 13 Biennium

**Project #:
13-074**

Camp Sherman Hatchery Property Enhancement

Project Information

R&E Project Request: \$25,000.00
Match Funding: \$4,128.00
Total Project: \$29,128.00
Start Date: 8/2/2014
End Date: 10/30/2014
Project Email: Kurt.W.Cundiff@state.or.us
Project Biennium: 13 Biennium
Organization: ODFW- High Desert Region - Bend Office

Applicant Information

Name: Kurt Cundiff
Address: 61374 Parrell RD.
 Bend, OR 97702
Telephone: 541-388-6363 x236
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Fax: 541-388-6281
Email: Kurt.W.Cundiff@state.or.us

Past Recommended or Completed Projects

Number	Name	Status
05-127	Fall River Hatchery Trout Liberation Truck	Completed
07-066	Wizard Falls Hatchery Trout Liberation Truck	Completed
07-124	High Desert Winter Survey Equipment	Completed
09-002	2009 Little Deschutes River Boat Launch Project	Completed
09-272	Electrofishing raft - Deschutes redband monitoring	Completed
09-271	Camp Sherman Hatchery Property Enhancement	Completed
11-093	Pressure Washer for Desert Region Lib Trucks	Approved
11-092	Marker Buoys for Deschutes Lake Fishing Boundaries	Approved

Project Summary

This project is part of ODFW's 25 Year Angling Plan.

Activity Type: Education

Summary: The Metolius River hatchery property is located in the Camp Sherman area on Spring Creek, a tributary of the upper Metolius River. In 1947 the Oregon Fish Commission constructed the Metolius Hatchery and began artificial propagation of

spring chinook; the hatchery closed in 1967. The ODFW property includes 15 acres of meadow, a small forested riparian area and 0.4 miles of Spring Creek riverfront. Located on the site are five unused concrete raceways, a water diversion system, a dam and a house. Currently, the property is used by ODFW's STEP program and the house is used by Wizard Fall's hatchery personnel. Through STEP's Kokanee Karnival Youth Education Program, several Bend, Redmond and Tumalo classes visit the site annually and conduct stream and fisheries investigations. The shallow creek, the springs and the meadow provide an excellent location for students to perform stream studies. It is also a potential site for a small fishing pond that would provide an easy angling opportunity for families. Presently, there is no easy opportunity in the area for kids to catch fish. The eventual goal of this project is to provide access to a safe and easy place for families to fish, and provide safe access to a unique area where Salmon Trout Enhancement Program volunteers can continue to conduct field trips and expand fisheries and watershed education programs.

Objectives: The proposed project objective is to improve the old hatchery site by reclaiming the roadway through the property, constructing a small parking area and removing the decrepit concrete raceways. A professional land survey is necessary to establish property boundaries. The long term objective is to increase usage of the site by the Salmon-Trout Enhancement Program as well as construction of a 2-acre pond, which would serve dual purposes of youth-only fishing and chinook acclimation. This final phase of the project, which is construction of the pond and public facilities, is not part of this project proposal. It would be prudent to make the initial proposed improvements and seek further public support for the fishing pond in 2015.

Fishery Benefits: The property is used by ODFW's STEP program. Volunteers from Central Oregon Flyfishers, through the Kokanee Karnival Youth Education Program, provide a fisheries education program for Redmond, Bend and Tumalo classes. They conduct stream and fisheries investigations, sample macro invertebrates, test water quality and observe kokanee salmon spawning. The shallow creek, the springs and the meadow provide an excellent location for students to perform nature studies. Once the road is repaired and the raceways are removed the riverfront will be open for fishing access. The final phase of this project includes a youth angling pond, which would provide a easy angling opportunity for kids and families. The surrounding Metolius River is difficult to fish and is fly-fishing only.

Watershed Benefits: The benefit is mainly watershed education. This site could provide a unique and a safe place to teach kids and adults about local fisheries and the Metolius River watershed. Each year two hundred or more students could use this site for an outdoor classroom. The shallow creek, the springs and the meadow provide an excellent location for students to perform watershed studies.

Current Situation: Currently, the property is used by ODFW's Salmon-Trout Enhancement program. Through the Kokanee Karnival Program, Redmond, Bend and Tumalo students and teachers visit the site and conduct stream and fisheries investigations. They sample macroinvertebrates, test water quality, learn about Metolius fisheries and observe kokanee salmon spawning. However, there are areas at the site we must avoid due to large holes and crumbling raceways. Currently, ODFW staff places tape and markers around the old structures to avoid these hazards. Removal of the old structure would make this site a safe place for people to visit. Additionally, the existing road is narrow and rutted, with a very old culvert, making vehicle travel unsafe.

Alternatives: Some alternatives considered: continue to tape and mark hazards and block road to vehicle use. Use an alternative site on the Metolius (however Spring Creek's shallow water and springs offers an ideal site for kids to wade in the water and conduct their investigations).

Designer: Kurt Cundiff ODFW
Jen Luke ODFW

Methods: Professional surveyor will survey property boundaries. Services will be contracted to improve the existing road, create a parking area and remove old raceways. Contractors would also remove old intake water lines (an old wood pipe that has rotted out).

Inspector: Kurt Cundiff, Jen Luke

Funding Elements: R&E funds for this project will be used to contract services to improve the road, create a parking area, and remove old raceways. The road will be graded and gravel added. Contractors will also remove the old intake water lines (an old wood pipe that has rotted out).

Partners: Yes

Some of the raceways and water lines are on the adjacent property and ODFW will work with this landowner. ODFW has a deeded right to the land that the water line and raceways are occupying.

Existing Plan: No

Affected Contacted: Yes

Affected Supportive: Yes

Affected Comments: These are the groups that support this project.
 Black Butte Ranch
 Lake Creek Resort
 Adjacent Landowners
 Cold Springs Resort and RV Park (adjacent landowner?)
 Black Butte Resort and RV Park
 Camp Sherman Store and Cabins
 Metolius River Resort
 Metolius River Lodges
 Lodge At Suttle Lake

Project Schedule/Participants/Funding

Activity	Date	Participants
Go out for contract bids (supplies and services for full project)	8/8/2014	Applicant
Begin construction work on raceway, pipe, culvert, road and parking lot.	8/25/2014	Construction company
Approve construction work and pay for services	9/8/2014	Applicant
Survey property	8/4/2014	Surveyor

Affected

- Species:**
- Brook Trout
 - Brown Trout
 - Bull Trout
 - Chinook Salmon
 - Kokanee Salmon
 - Rainbow Trout
 - Steelhead

Project Permits

This project has no permits.

Project Monitoring

Organization	Address	Activity	Frequency
ODFW	Bend, OR 97702	Monitoring this project site will be the responsibility of the High Desert (STEP), and Deschutes District staff.	High Desert (STEP) and Deschutes district staff will check on this site before outdoor classes are to be held.

Project Maintenance

Organization	Address	Activity	Frequency
ODFW	Bend, OR 97707	This project site will be the responsibility of the High Desert (STEP), and Deschutes District staff	High Desert (STEP) and Deschutes district staff will check on this site before outdoor classes are to be held.

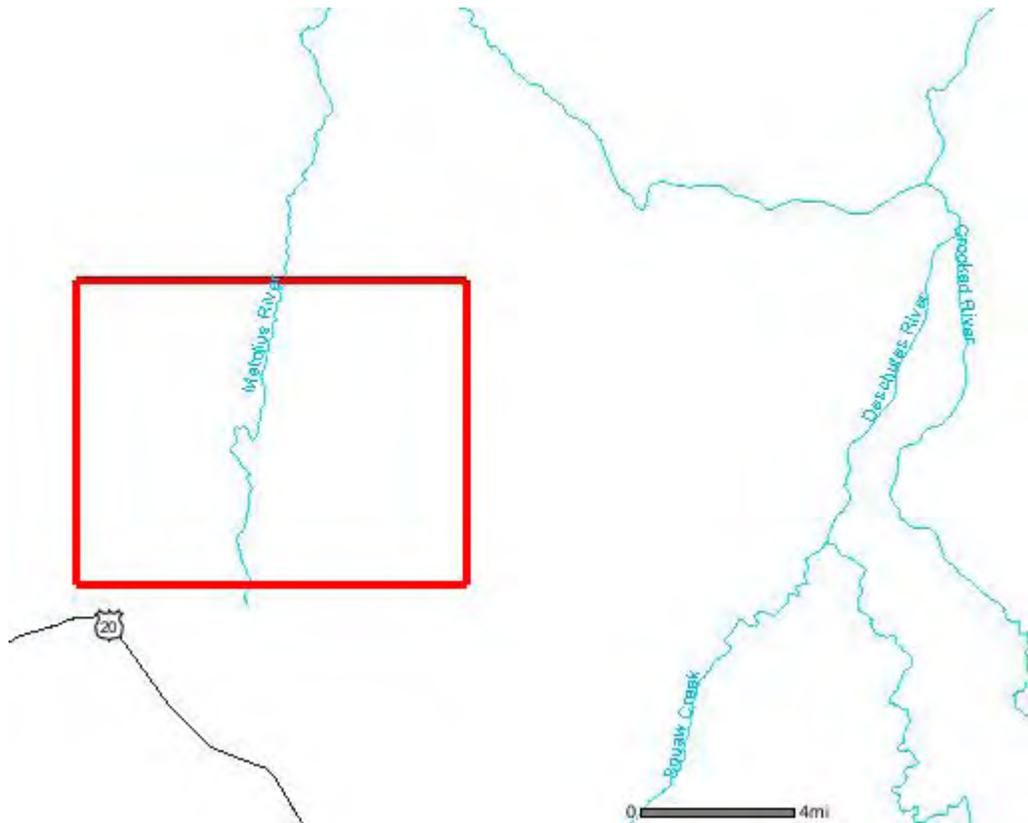
Project Match Funding

Funding Source	Cash	In-Kind	Other	Description	Total	Secured?	Conditions?	Comments
R&E Request	\$25,000.00	\$0.00	\$0.00		\$25,000.00	No	No	
ODFW	\$4,128.00	\$0.00	\$0.00		\$4,128.00	Yes	No	
				Total Match Funding:	\$29,128.00			

Project Budget

Item	Item Type	Units	Unit Cost	R&E Funds	Match Funds	Total
removal of old raceways and culvert	Contracted Services	1	\$10,000.00	\$10,000.00	\$0.00	\$10,000.00
Road work, gravel, culvert	Contracted Services	1	\$10,000.00	\$10,000.00	\$0.00	\$10,000.00
survey	Contracted Services	1	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00
District time	Personnel	96	\$43.00	\$0.00	\$4,128.00	\$4,128.00
					Total Budget:	\$29,128.00

Project Map



Additional Files

Click a link to view that particular file.

[Map of Spring Creek Site - Satellite Picture](#)

[ODFW Engineering Work Order](#)

[Old Raceways](#)

[Old Water line](#)

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[Water intake to raceways.](#)

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: Spring Creek site

Applicant: Kurt Cundiff

Date: 12-17-10

Regional Manager: 

Date: 12/17/10

Applicant Signature Page
Fish Restoration and Enhancement Program
(Oregon Department of Fish and Wildlife Applicants)

I hereby make an application for financial assistance under the terms and conditions of the Fish Restoration and Enhancement Program as described in my project application. I acknowledge that:

- This proposal is an identified priority at the district, region, and/or state level and has been identified as such in the application (check box for appropriate level).
- This proposal is consistent with any applicable goals, policies, rules, species or basin management plans adopted by the F&W Commission and this has been explained in the application.
- This proposal will not be used to cover, back fill, or fund shift elements that have been cut or defunded as part of agency budget reductions. Approved deferred maintenance or projects with division approval are exceptions.

I understand that if my project proposal is approved for Restoration and Enhancement (R&E) Program funding, the following will apply:

- Applicants must sign an agreement containing the terms and conditions for the project implementation, release of funds, and documentation of completion. Non-compliance may impact future funding opportunities.
- The R&E Program will not pay for expenses which occur before the approved start date or after the end date.
- Funding is available one biennium only without prior authorization by the R&E Board.
- Applicant agrees to notify the R&E Program of all funds not needed for the project upon determination.
- Any inappropriate expenses using R&E funds will be corrected by the applicant immediately. By the close of the biennium any expenses exceeding, or not identified in, the grant approval will be reverted to a local cost code.
- Copies of all landowner, monitoring and maintenance agreements must be submitted to the R&E Program.
- Educational products resulting from projects are public domain.
- Information collected is subject to Oregon Public Records Law.
- As applicable, the project will be consistent with all federal, state, and local regulations, including the State Land Use Planning Goals & Local Land Use Plans, prior to any on the ground work.

By signing this application, I certify to the best of my knowledge that the information contained in the application are true, complete and accurate. If awarded funding the applicant agrees to follow all terms and conditions outlined in the agreement.

Project Title: Camp Sherman Spring Creek Property Enhancement

Applicant Name: Kurt Cundiff Title: Tech Services Coordinator

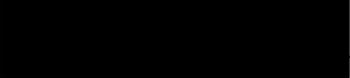
Applicant Signature:  Date: 4/3/2014

Manager Certification:

To be completed by Watershed Manger, Hatchery Coordinator, Program Manager, or higher level manager.

- I concur with the statements above and the applicant has permission to request these funds.

Manger Name: Bob Hooton Title: Deschutes Watershed Manager

Manager Signature:  Date: 4/3/2014



OREGON DEPARTMENT OF FISH & WILDLIFE
 Fish Division, Engineering

WORK ORDER

NEW CONSTRUCTION
 IMPROVEMENT

REPAIR
 OTHER:

NUMBER

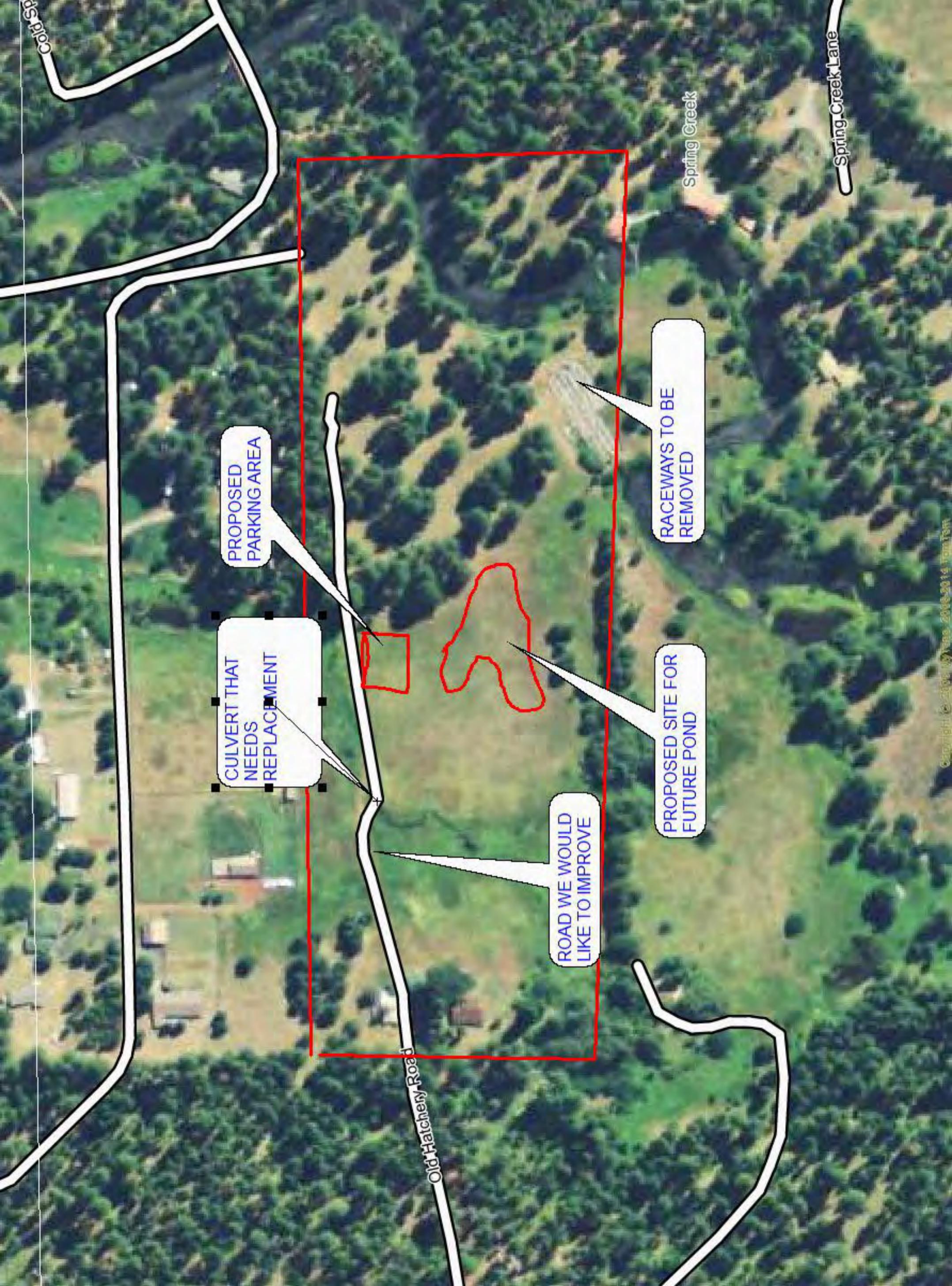
FACILITY: Old Spring Creek Hatchery, Spring Creek, Metolius River – Camp Sherman
DESCRIPTION: Improve existing roadway/driveway by adding gravel and replacing a culvert. (A small spring flows through culvert). Construct a bus turnaround and parking area. Remove five concrete raceways (20'*80*).

TENT. START DATE: August 2014		TENT. COMPL. DATE: September 2014		IN-WATER WORK?: Does not apply	
COST CODE	TITLE	GRANT COST	CENTER	PHASE	

ORIGINATOR	REGION/SECTION	ENGINEERING	
DATE:	DATE:	DATE:	

COMMENTS:

COMPLETION



PROPOSED
PARKING AREA

CULVERT THAT
NEEDS
REPLACEMENT

ROAD WE WOULD
LIKE TO IMPROVE

PROPOSED SITE FOR
FUTURE POND

RACEWAYS TO BE
REMOVED

Cold Sp...

Spring Creek

Spring Creek Lane

Old Hatchery Road







POSTED