

Grant Application



Amy Stiner

Email : astiner@outlook.com

Application ID : A16SA46

Custom Ref. -

Application Start Date: 2021-10-14 03:11:19

Application Completed Date: 2021-11-03 16:25:44

1 Have you ever applied for an OWF grant before?

yes

1.1 What was the name of the project?

Lewis Creek Watershed Enhancement, Snow Mountain Ranch Restoration

2 Have you ever been denied for an OWF grant before?

no

3 Project Title

Antelope Juniper Removal

4 Name of my Organization

South Fork John Day Watershed Council

5 If your organization is not a tax-exempt nonprofit, please list the name of your fiscal sponsor

-

If this does not apply to you, write N/A

We are 501c3 Non-Profit

6 Project Manager Full Name

Amy Stiner

7 Project Manager Mailing Address

-

Please enter full address with city, state & zip

150 East Main Street, Suite 102, John Day, Oregon 97845

8	Project Manager Phone Number
	541-792-0435
9	Project Manager Email Address
	astiner@outlook.com
10	Please provide a brief biographical statement about yourself
	I am born and raised in our small rural community of Grant County, OR. My husband and I are 3rd generation ranchers in Mt. Vernon, with 2 kids of our own. I have a Bachelor's of Science from Eastern Oregon University, and was lucky to have found the perfect profession working for the South Fork John Day Watershed Council assisting private landowners in conserving our environment.
11	Provide any social media handles you use - Enter social handles or URLs such as instagram, facebook, twitter, youtube, etc. so that we can use to cross promote on our channels - if you do not have any, please place N/A
	Instagram @southforkjohnday, Facebook @sfjdw
12	Please indicate if you are currently following Oregon Wildlife Foundation on our social media channels
	- Instagram - Facebook
13	Total estimated project cost
	6100
14	Funding that you are requesting from OWF - If you're request is for more than \$5,000, please contact Tim Greseth - tim@myowf.org before submitting your application.
	2500
15	What type of project are your proposing?
	Wildlife
16	Will your project address an Oregon Conservation Strategy habitat or species?
	yes
16.1	What habitat or species is addressed?
	Mule Deer

17	Start date of project- Day/Month/Year
	04-01-2022
18	End date of project
	31-12-2022
19	Location of project
	Izee, OR, USA
20	Has a local, state or federal biologist reviewed this project?
	yes
20.1	What is their name and contact info?
	Ryan Torland, District Wildlife Biologist Oregon Dept of Fish & Wildlife PO Box 9 John Day, OR 97845 541-575-1167 ext 222 Ryan.E.TORLAND@odfw.oregon.gov
21	Have you already or will you obtain necessary permits from all requisite agencies as applicable to proposed project?
	yes
22	What will the requested funds be used for?
	Juniper Removal and piling
23	Provide a brief Project Summary
	<p>In Antelope Creek, habitat types consist primarily of large stands of bitterbrush, and native bunchgrasses that provide excellent forage for wintering deer and elk. These key habitats are undergoing landscape changes resulting from western juniper encroachment, leading to a loss of the shrub and forb components. On semi-arid sites, water interception and use by western juniper causes a decline in forbs, grasses, and shrubs in the space between juniper canopies. This increases bare mineral soil in juniper-dominated watersheds. Reduction of plant cover increases the potential of overland water flow during large storms because water cannot be held on the surface long enough to infiltrate bare soil. Sites fully occupied by juniper can release tremendous amounts of sediment during a rain storm or from the overland flow of melting snow. Juniper trees can use water very early in the spring before other plants begin to grow. Individual trees can use from 20 gallons per day up to 40 gallons per day. This site was selected by the Ranch manager due to it's appeal to local wildlife, and the juniper being in Phase 1, and just beginning to encroach in this drainage. We are proposing to remove 10 acres of Juniper, and the landowner will maintain the spring development that is present.</p>

24 Upload pre-project pictures or a video -
By submitting these photos or video I warrant that I am the legal owner of this media and grant the Foundation permission to reproduce, exhibit, or publish them for all general purposes in relation to Oregon Wildlife Foundation's work. If you have questions about photo or video submissions please refer to myowf.org/grants for guidance.

□

25 Fill out the budget

28 I understand that I am required to submit a Project Completion Report, copies of any publications or social media posts crediting the Foundation's support, and post-project pictures at the completion of my project

yes

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— Grant Application

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1 Are the eligible?

No Answer Provided

1. Describe your organization and the work that it does.

The South Fork John Day Watershed Council is a 501c3 non-profit that works with private landowners and public land managers in the South Fork John Day River watershed. Our services are available to all landowners and land managers in the watershed and are entirely voluntary.

The Council's mission is to maintain and enhance the health of the South Fork John Day River watershed and the long term economic stability of the region, foster a better understanding of the multiple resources, represent broad and diverse geographies and interests, and work collaboratively to carry out voluntary watershed restoration activities.

Our staff assist in planning and applying for funding for projects at the landowners and land managers request. Common project types include: Juniper Removal, Upland Water Developments, Riparian Enhancements, Aspen Enhancement, Youth Education, Educational Workshops and Field Tours, Research & Data Collection, Forest and Rangeland Health Treatments, and Noxious Weed Control.

2. Identify the need for the proposed project; an outline of it; and the anticipated benefits upon completion.

In Antelope Creek, habitat types consist primarily of large stands of bitterbrush, and native bunchgrasses that provide excellent forage for wintering deer and elk. These key habitats are undergoing landscape changes resulting from western juniper encroachment, leading to a loss of the shrub and forb components.

Juniper Woodlands pose a critical threat to watershed and ecosystem health wherever they occur, especially on shallower soils. Once juniper becomes dominant, only its removal benefits the watershed (Bedell, et.al. 2003). An ecosystem containing juniper functions differently than one without juniper. Particularly noticeable are the changes in the water and nutrient cycles. As western juniper increases in number and size, a larger proportion of the water falling on a site is affected by canopy interception and the overland flow of water. Ranchers have also witnessed springs drying up as junipers became abundant in a watershed.

Overstocked forested headwaters, in this case overstocked Juniper, arid climate zone, and climate change, are affecting the amount of good quality upland watering sources. Well distributed, high quality water available in upland habitats can assist in a more even use of rangelands.

The goal of the proposed project is to protect, enhance, and restore range conditions that will provide key winter habitat for mule deer and elk, and increased water quantity for Antelope Creek. In order to increase water quantity to Antelope Creek, and water availability to the spring source proposed for development, we are planning to use landowner cost share and funding from the

Oregon Wildlife Foundation, to remove 10 acres of Phase1 Juniper surrounding a Spring Source, and on aspects with flow into Antelope Creek.

3. Quantify your outcomes (i.e., acres planted, stream miles enhanced, etc.)

Juniper Cut and Pile: 10 acres, using OWF funding

Spring Source Development: 1 source developed, and 1000 gallons of water storage, landowner cost-share

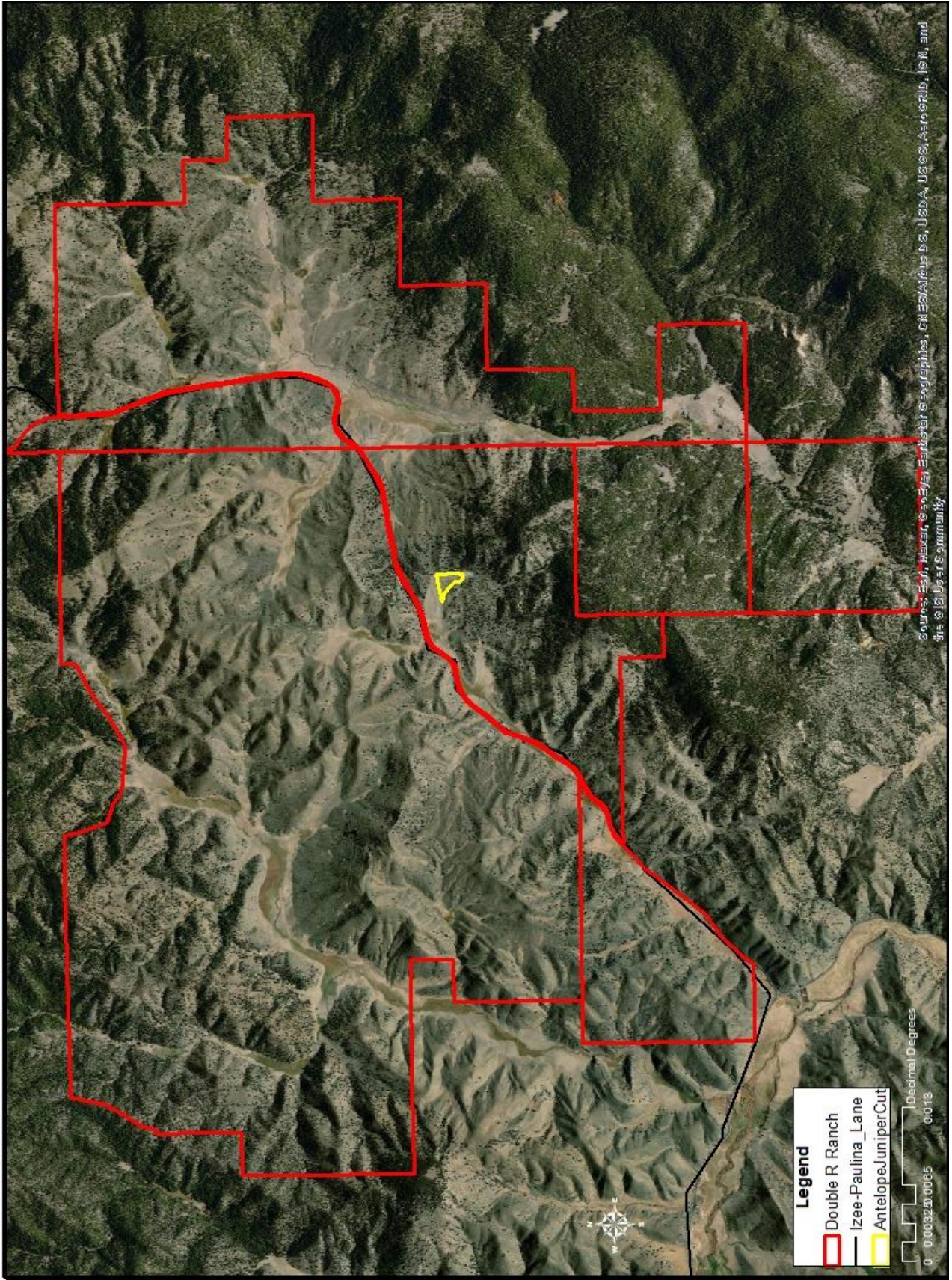
4. Identify who or what entity will manage or operate the project once it's completed.

Once completed the landowners, and ranch manager will manage the project by regular maintenance of the spring development, by removing any debris or moss, and by maintaining the protection around the spring source. Juniper will be monitored, and any seedlings will be removed using fire, loppers, or chainsaws.

5. Describe how the Foundation will be recognized for its funding support.

We will recognize the Oregon Wildlife Foundation in all project reporting. Project highlights will be posted on our social media page, and website, as well as regular updates on the project at SFJWC monthly board meetings.

Antelope Creek Juniper Removal



Sources: Esri, DeLorme, GeoEye, Earthstar/Earthpoint, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend
Double R Ranch
Izee-Paulina_Lane
AntelopeJuniperCut

0.00032500065 0013
Decimal Degrees





Oregon

Kate Brown, Governor

Department of Fish and Wildlife

John Day Field Office

PO Box 9

John Day, OR 97845

(541) 575-1167

FAX (541) 575-0948

www.dfw.state.or.us/

Wednesday, November 03, 2021



Dear Oregon Wildlife Foundation,

I am writing this letter in support of the Antelope Juniper Removal Project submitted by the Southfork Watershed Council. I agree with the project design and desired outcome. It's a smaller scale project but will enhance an important habitat component. Juniper, if left untreated, can invade and overtake springs. Springs, in arid habitats, are an important source of water and forage for wildlife in late summer. If junipers are allowed to take over a spring, they can draw significant amounts of water and reduce or eliminate spring flow, especially in late summer. It is necessary to remove juniper from these sites to maintain proper spring function. For these reasons I support this project and believe it will benefit Oregon's wildlife.

Sincerely,

Ryan Torland
District Wildlife Biologist
Oregon Department of Fish and Wildlife
Grant District

