

Grant Application

Kaysi Dean



Email : kaysi@nfjdw.org
Application ID : A3DK32
Custom Ref. -

Application Start Date: 2021-03-25 18:56:01
Application Completed Date: 2021-04-09 20:46:05

1 Have you ever applied for an OWF grant before?

no

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

no

3 Project Title

WVTC Camp Creek Planting/Fencing Effort

4 Name of my Organization

North 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

N/A

6 Project Manager Full Name

Kaysi Dean

7 Project Manager Mailing Address

-

Please enter full address with city, state & zip

PO Box 444 Long Creek, OR 97856

8	Project Manager Phone Number
	541-421-3018
9	Project Manager Email Address
	kaysi@nfjdw.org
10	Please provide a brief biographical statement about yourself
	The North Fork John Day Watershed Council (NFJDWC) was formed by local citizens in 1995 and incorporated as a non-profit 501(c)3 in 2006 with the purpose of serving the resources and communities within the North and Middle Fork John Day River Watersheds. NFJDWC engages in planning, fundraising, and implementation of programs and actions that reinforce the health and resiliency of our watersheds and local, rural communities. Including dedicated programs for at-risk youth, military veterans, and private and public land natural resource management- NFJDWC seeks to foster the understanding that healthy communities, people, and natural resources are vital to the social and economic fabric of rural Eastern Oregon.
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
	Facebook.com/nfjdw, Instagram.com/northforkjohndaywc
12	Please indicate if you are currently following Oregon Wildlife Foundation on our social media channels
	- Instagram - Facebook
13	Total estimated project cost
	238283.46
14	Funding that you are requesting from OWF - If you're request if for more than \$5,000, please contact Tim Greseth - tim@myowf.org before submitting your application.
	3776.54
15	What type of project are your proposing?
	Fish
16	Will your project address an Oregon Conservation Strategy habitat or species?
	yes
16.1	What habitat or species is addressed?
	Flowing Water and Riparian Habitat

17	Start date of project- Day/Month/Year
	04-03-2020
18	End date of project
	31-12-2022
19	Location of project
	Camp Creek, 44.651475,-118.829753
20	Has a local, state or federal biologist reviewed this project?
	yes
20.1	What is their name and contact info?
	Dan Armichardy, Fish Biologist, Malheur National Forest, Blue Mountain Ranger District, darmichardy@fs.fed.us 541-575-3391
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?
	This request would fill the need of supporting the mileage costs (\$313.60), personal protective equipment (\$164), and fencing materials (\$3,039) and tools (\$259.94) of the Wilderness Veterans Trail Crew (WVTC). If awarded these funds will support 2 weeks of work for a crew of four military veterans to complete planting and fencing on Camp Creek, as part of a larger restoration project by Malheur National Forest and North Fork John Day Watershed Council.
23	Provide a brief Project Summary
	The Wilderness Veterans Trail Crew (WVTC) program provides military veterans serviceable skills and a career pathway into natural resource management. The WVTC works with diverse conservation partners to improve wilderness trails, install & protect native plants, and administer aquatic native fish habitat restoration actions. This request supports 2 weeks of WVTC work to install & protect vital native riparian plants on Camp Creek, a high priority perennial tributary of the Middle Fork John Day River (MFJD), aiding listed Endangered Species Act (ESA) native fish. High stream temperatures is the most detrimental limiting factor for ESA steelhead and spring Chinook salmon. The installation & protection of native riparian plants will bolster cold water ESA habitats on Camp Creek by increasing streambank density & shading in thermally sensitive areas. This effort supports a large multi-year restoration project with the Malheur National Forest (MNF). The WVTC will work with MNF staff, volunteers, and hired contractors to complete the installation of 12,000 plants and protection of 40 acres. The WVTC will be responsible for building 10 exclosures built out of welded wire cattle panels to complement the 8 large buck and pole exclosures built by contractors. Materials for buck and pole fencing, plant costs, and contracting expenses are supported by agreements with the USFS and OWEB. Supplemental costs of training, equipping, and managing the WVTC will be covered by NFJDWC.
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.

Project Revenue	Cash	In-Kind	Committed / Pending
Oregon Wildlife Foundation Request	3776.54		Pending
NFJDWC		5426.40	Committed
USFS	140071.72		Committed
OWEB	89008.8		Committed
REVENUE	232857.06	5426.40	
		TOTAL PROJECT SUPPORT	238283.46
Project Expenses	Cash	In-Kind	Total
WVTC Wages		3708	3708.00
NFJDWC Salaries (WVTC Coordinator & Executive Director		1640	1640.00
NFJDWC Restoration Coordinator	15750		15750.00
Buck and Pole Enclosure Contract	116527.43		116527.43
Mileage	1276.80	78.40	1355.20
Personal Protective Equipment (Gloves, hardhats, eye protection)	164		164.00
Cattle Panels	2240.		0.00
6 ft' T posts	749		749.00
Fencing Clips	50		50.00
T-Post Pounders	99.98		99.98
Planting spades	159.96		159.96
Grown and rooted cottonwoods and willows	57166.52		57166.52
Buck and Pole enclosure materials	38673.37		38673.37
			0.00
		TOTAL PROJECT EXPENSES	236043.46
Balanced budget? This cell should read "0" ---->		NET	2240.00

Upload your Project Narrative -
Please make sure your narrative is no more than 7 pages long, single spaced, 12 pt. font (Calibri preferred).

27 Upload letters of support

1 Document Uploaded

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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Application ID: **A3DK32**

1 Are the eligible?

No Answer Provided



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Wilderness Veterans Trail Crew Program Overview

The 2 week planting effort is part of full 21-week season in which the Wilderness Veterans Trail Crew (WVTC) will work with Malheur National Forest (MNF) Recreation Department and Trout Unlimited. This allows the veterans to be exposed to several different aspects of environmental restoration and natural resource management.

The WVTC program offers military veterans work experience and a pathway into the natural resource management field, through: military-to-civilian professional development, employable skill trainings and certifications, environmental literacy, and a unique connection to the outdoors. The WVTC works with various federal, state, and private conservation partners to construct and maintain wilderness trails, install and protect native plants, and implement various aquatic restoration actions. This program further champions veteran support through trainings and presentations in Adult Trauma Informed Care, Grant County Veteran Services, and instruction on how to use USA Jobs to apply for future employment through the US Forest Service.

The Wilderness Veterans Trail Crew is a veteran focused crew carried out under the North Fork John Day Watershed Council's (NFJDWC) John Day Basin Conservation Corps (JDBCC) program. NFJDWC started the JDBCC program in 2013, with a mission of strengthening the next generation of environmental stewards through paid work experiences for youth. These experiences offer skills and life training, education, camaraderie with peers, and inspiration to form a deeper connection to the outdoors. The WVTC was developed in 2018 to extend services to military veterans.

According to the 2010 census, Grant County's population was 10% veterans. This portion of our community is greatly under supported. Post military service is a tumultuous time for many veterans, and this program offers employable skills and resources to assist veterans in developing a new career. Through group trainings supporting mental health and safe and supported work in the wilderness, veterans will also have an opportunity to build connections with people in similar life situations, while making a measurable impact on natural resources.

Budget Narrative

The WVTC will work with MNF staff, volunteers, and hired contractors to complete the installation of 12,000 plants and protection of 40 acres. The WVTC will be responsible for building 10 enclosures built out of welded wire cattle panels to complement the 8 large buck and pole enclosures built by contractors. Materials for buck and pole fencing, plant costs, and contracting expenses are supported by agreements with the USFS and OWEB. Supplemental costs of training, equipping, and managing the WVTC will be covered by NFJDWC.

This request would fill the need of supporting the (1) mileage costs (\$313.60; 560 miles at the state mileage rate of \$0.56/mile), (2) personal protective equipment (\$164; gloves, hardhats, eye protection), (3) fencing materials (\$3,039; cattle panels, t-posts, fencing clips) and (4) tools (\$259.94; post pounders, planting spades) of the Wilderness Veterans Trail Crew (WVTC).

Please see included budget for full detail of 2021 total project costs. Total anticipated project cost spanning 2020-2022 is \$458,255.32.

Table 1. 2021 Total Project Cost

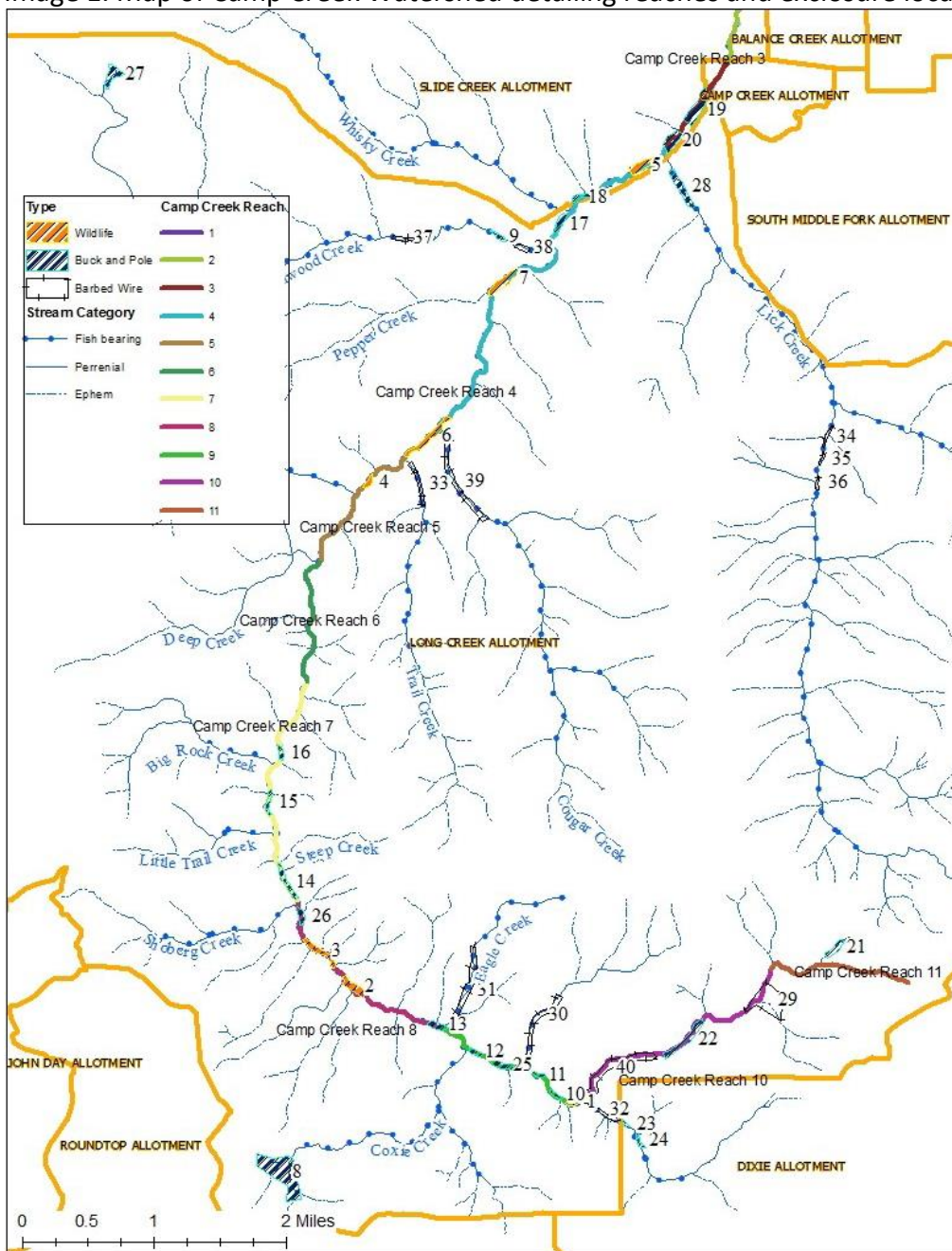
<i>WVTC Camp Creek Planting/Fencing</i>	Unit		Unit	OWF Requested Funds	In-Kind NFJDBC Match	Cash USFS/OWEB Match Funds	Total Costs
PERSONNEL							
Wild Veterans Crew Leader	80	Hours	\$21.86		\$1,311.60		\$1,311.60
Wild Veterans Crew Member	80	Hours	\$19.97		\$798.80		\$798.80
Wild Veterans Crew Member	80	Hours	\$19.97		\$798.80		\$798.80
Wild Veterans Crew Member	80	Hours	\$19.97		\$798.80		\$798.80
NFJDBC Project Lead- WVTC	40	Hours	\$30.00		\$1,200.00		\$1,200.00
NFJDBC Executive Director	10	Hours	\$44.00		\$440.00		\$440.00
NFJDBC Restoration Coordinator (USFS/OWEB)	500	Hours	\$31.50			\$15,750.00	\$15,750.00
CONTRACTED SERVICES							
Camp Creek Planting- Contractor (Exclosure building) (OWEB)		Total	\$28,184.50			\$28,184.50	\$28,184.50
Camp Creek Planting- Contractor (Exclosure building) (USFS)		Total	\$88,342.93			\$88,342.93	\$88,342.93
TRAVEL							
Mileage – Wild Vet Crew	560	Miles	\$0.56	\$313.60			\$313.60
Mileage – NFJDBC Project Coordinator Site Visits	140	Miles	\$0.56		\$78.40		\$78.40
Mileage- 2021 Camp Creek Planting (USFS)	1720	Miles	\$0.56			\$963.20	\$963.20
SUPLIES/MATERIALS/EQUIPMENT							
Personal Protective Equipment (Gloves, Hardhats, Eye Protection etc.)	4	Each	\$41.00	\$164.00			\$164.00
Combination Cattle Panels	70	Each	\$32.00	\$2,240.00			\$2,240.00
6' T-posts	140	Each	\$5.35	\$749.00			\$749.00
Fencing clips	1	Pack	\$50.00	\$50.00			\$50.00
T-post Pounder	2	Each	\$49.99	\$99.98			\$99.98
Planting Spades	4	Each	\$39.99	\$159.96			\$159.96
Plants and planting materials (OWEB)		Total	\$57,166.52			\$57,166.52	\$57,166.52
Buck & Pole Exclosure Materials (USFS)		Total	\$38,673.37			\$38,673.37	\$38,673.37
BUDGET TOTAL				\$3,776.54	\$5,426.40	\$229,080.52	\$238,283.46

Project Narrative

The following project description encompasses the entire 3-year Camp Creek Planting Project supported by Malheur National Forest (MNF) through the National Fish and Wildlife Foundation (NFWF) and the Collaborative Forest Landscape Restoration Program (CFLRP) and the Oregon Watershed Enhancement Board (OWEB) through the John Day Basin Partnership (JDBP) Focused Investment Partnership (FIP) Program.

Camp Creek is a priority watershed for the USFS and the JDBP Strategic Action Plan, as it is identified as a Tier 1 (highest priority) watershed with high biological benefit potential. Partners, along with the USFS, have been implementing actions identified in the Camp Creek Watershed Restoration Action Plan (WRAP), instream work planned on the mouth of Camp Creek in 2022 and 2023 will close out the WRAP. Additionally, portions of Camp Creek are designated by the USFS as a 'Most Sensitive Riparian Area'.

Image 1. Map of Camp Creek Watershed detailing reaches and enclosure locations.



Tributaries to the Middle Fork John Day River (MFJDR) such as Camp Creek provide miles of potential thermal refugia for ESA and Oregon State 'sensitive-critical' listed fish species from warming MFJD water temperatures. Streambank shading from riparian plants has been proven to be a top down limiting factor on productivity for some of these tributaries and the MFJDR. Camp Creek has significant portions of stream channel that are over widened, incised, and lack adequate shade. These areas have potential to provide high levels of juvenile rearing abundance by providing water temperatures that are survivable within salmonid lethal limits, as well as mediate downstream warming of water temperatures, therefore potentially expanding suitable thermal rearing habitat downstream.

A variety of historic land use practices have resulted in an impaired watershed. These practices included beaver removal, grazing, logging, the installation of the Sumpter Valley Railroad, and the construction of a dense road system for logging. Recent (2003-2018) stream restoration has (1) removed over 240 log weirs installed in the mid-1980's, (2) added large woody debris habitat structures instream and on the floodplain, (3) reconstructed portions of the main channel and reconnected/reactivated its floodplain, (4) built beaver analog structures, (5) removed or replaced 15 non-functional or undersized culverts, opening up 17 miles of critical aquatic habitat, and (6) planted native riparian vegetation and hardwoods.

Table 2. Past Restoration Actions completed in the Camp Creek watershed

Activity Name	Timeframe	Location	Activity Description
Riparian vegetation planting	2003-2006	Lower and Upper Camp Creeks	Riparian planting in lower 13 miles of Camp Creek. Riparian species planted include willow, cottonwood, and chokecherry and were caged.
Log weir and boulder modification	2011-2014	Camp Creek	Removal of over 230 log weirs that created juvenile fish barriers, stream widening and channel confinement, restoring juvenile fish passage to 6.1 miles of stream.
Riparian vegetation planting	2012	Camp Creek	Riparian planting in reaches 1, 3, 4, and 5 of Camp Creek. Riparian species planted include willow and cottonwood, none were caged.
Fish passage restoration	2008-2012	Camp Lick Watershed	15 fish barrier culverts have been removed and replaced with Aquatic Organism Passage structures opening access to 17 miles of historical and critical habitat. Large wood was added to locations with culvert replacements.
Large and coarse wood placement	2012-2016	Camp Lick Watershed	Large and coarse wood has been paced through the planning areas as identified in the Watershed Restoration Action Plan (WRAP). Most wood added has been within the vicinity of log weirs being removed, fish passage culverts being replaced, or where beaver dam analogues were placed.
Beaver habitat restoration	2016	Camp Creek reaches 8 and 9	70 beaver dam analogues were placed over 4 miles. In addition, 88 large wood jams, 65 small wood jams, 8 post vanes, and 7 rock vanes were placed. Cottonwood and willows were planted and many of the riparian plants were fenced. Forty-five log weirs were removed.
Instream restoration/floodplain work	2019-2020	Camp Creek reaches 4, 5	169 large wood structures and 302 secondary wood structures were placed, 4.07 miles of side channels were activated, ~4,750 cubic yards of high berms/railroad grade were removed. Planted 10,000 rooted native hardwoods.

This project's objective is to increase summer rearing habitat for chinook and steelhead. By protecting riparian plant communities through fencing, actions aim to (1) attenuate stream temperatures by increasing streambank shading, (2) increase instream habitat complexity through the recruitment of large wood inputs, (3) decrease sediment inputs and increase bank stabilization and (4) promote near stream habitat to support terrestrial-aquatic food webs.

The combined 3-year project would grow out roughly 12,000 large container rooted willow and 12,000 large container rooted cottonwood for planting within critical thermal loading areas, fenced areas, and newly restored areas on Camp Creek. Protection of the planting investments would occur with fencing through multiple funding sources and utilizing encroaching lodgepole for buck and pole fencing, welded wire enclosure fencing, and barbed wire fence for livestock. Restoration efforts are being implemented to provide more rearing habitat and to store water on the landscape. This is in addition to planting hardwoods and sedges in an effort to revegetate streams. The Middle Fork Intensively Monitored Watershed (MFIMW) team found that the primary cooling mechanism of the MFJDR occurred at the confluence of the mainstem and its tributaries, where tributaries supplied cooler, groundwater rich water into the main channel. Installation of fencing of riparian areas in the Camp Creek Watershed, which drains into the MFJDR, enhances and protects hardwood growth and protects restoration efforts. Partners on this include: NFJWC, the Confederated Tribes of the Warm Springs Indian Reservation (CTWSRO), and MNF.

Image 2. Drone footage of Camp Creek post instream



During the summer/fall of 2021 the WVTC will work with MNF staff, volunteers, and hired contractors to complete the installation of 12,000 plants and protection of 40 acres. The WVTC will be responsible for building 10 low tech, low cost exclosures built out of welded wire cattle panels to complement the 8 large buck and pole exclosures built by contractors. Materials for buck and pole fencing, plant costs, and contracting expenses are supported by agreements with the USFS and OWEB. Supplemental costs of training, equipping, and managing the WVTC will be covered by NFJDWC.

Image 3. Example of welded wire exclosure to be built by WVTC (dimensions may vary)



This grant will cover the cost of the welded wire panels and necessary tools/equipment to install small wildlife exclosures. Allowing Camp Creek to host a mosaic of riparian vegetation protection methods. This project will be closely monitored in coming years to improve adapted management and inform future projects of which exclosure types result in the highest plant survival rate. If the low tech, low cost welded wire exclosures prove to be successful in protecting installed plants, this could help reduce project cost and required expertise, thus increasing implementation output.



United States
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Malheur
National
Forest

P.O. Box 909
John Day, OR 97845
(541) 575-3000
Fax (541) 575-3001
TDD (541) 575-3089

To: Oregon Wildlife Foundation

Subject: Camp Creek Revegetation/Fencing Project

Date: March 22, 2021

Dear Oregon Wildlife Foundation:

The Malheur National Forest is pleased to partner and support the Camp Creek Revegetation/Fencing project in collaboration with the North Fork John Day Watershed Council. This project is located within the Middle Fork of the John Day (MFJD) Basin and focuses on establishing and protecting hardwoods in a priority watershed with listed Middle Columbia River (MCR) Steelhead (Camp Creek) and strategically located cool water streams adjacent to Confederated Tribes of Warm Springs (CTWSRO) tribal property on the MFJD (Oxbow property).

Since the completion of the Camp Creek Watershed Restoration Action Plan in 2008 (WRAP) the Forest has been implementing essential projects identified within the WRAP. To date we have completed over 15 Aquatic Organism Passage (AOP) culvert replacements, removed 283 legacy log weirs, placed large wood on over 10 miles of streams, constructed beaver dam analogs on approximately 4 miles of stream and side channels as well as planted over 30,000 riparian hardwoods. While Oregon Department of Fish and Wildlife have monitored and documented an increase in juvenile steelhead abundance as a result of this work, water temperatures are resulting in high mortalities due to lack of shade. We have worked with rangeland specialists and permittees on these projects. However, the survival of the riparian hardwoods has been poor and water temperatures have not improved. This project will reduce the amount of ungulate browsing (livestock and wildlife) along critical stretches where solar heating occurs and to improve hardwood growth and riparian vegetation. We will continue the planting of rooted willows and cottonwoods within ongoing and past aquatic restoration and enhance our ability to plan and implement riparian restoration in the basin to improve favorable water temperatures.

Our staff understands the great opportunity to promote and conduct hardwood restoration within the lands that we manage. Hardwoods are an integral part of healthy stream habitats in addition to water quality and can be used to effectively improve habitat conditions and water temperature for MCR steelhead, bull trout, and Chinook salmon as well as various other aquatic and terrestrial wildlife in combination with actions that restore floodplain/depositional valley processes.

This project would allow us and our partners to begin the construction of much needed exclosures around riparian hardwoods in the Camp Creek Watershed, expand riparian hardwood communities and fulfill our commitments within the Camp Creek WRAP. Providing sustained



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cool water inputs into Chinook salmon rearing and staging areas during low flow periods of August and September is critical for their survival on the MFJD into the future.

We are confident of the capabilities of the North Fork John Day Watershed Council and know that they will accomplish this task with basin-wide benefits for fish, wildlife and local communities. The Malheur National Forest thanks you for your consideration and urges you to support these proposals.

Sincerely,

A handwritten signature in blue ink that reads "Dan Armichardy". The signature is written in a cursive, flowing style.

Dan Armichardy



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November 2020:
One area that was
planted in the fall
of 2020. Will be
protected from
browse by small
cattle panel
exclosures build by
WVTC.

June 2020: Mid 4 is
an example of an
area that will be
exclosed with a
large buck and pole
wildlife exclosure.





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April 2021:
Floodplain
activation from
instream
restoration work
that took place in
Summer 2020. Will
be planted in Fall
2021.

October 2020:

Fall 2020 Planting
with NFJWC staff,
MNF staff, and
volunteers. WVTC
will participate in
the 2021 effort.





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October 2020:
Trench planting.
This method will be
utilized for the Fall
2021 planting.

October 2020:
WTVC will work
with NFJDWC staff,
MNF staff, and
volunteers to install
12,000 plants as
well as built 10
exclosures for plant
protection.

