

Meadows Restoration in the Scott River Watershed



SCOTT RIVER
WATERSHED COUNCIL

SWIF
Feb 21, 2025

The background features abstract, overlapping geometric shapes in various shades of green, including light lime green, medium green, and dark forest green. These shapes are scattered around the central text, creating a modern, organic feel.

Why Meadows?



Ground Water Storage



High Biodiversity



Carbon Sequestration



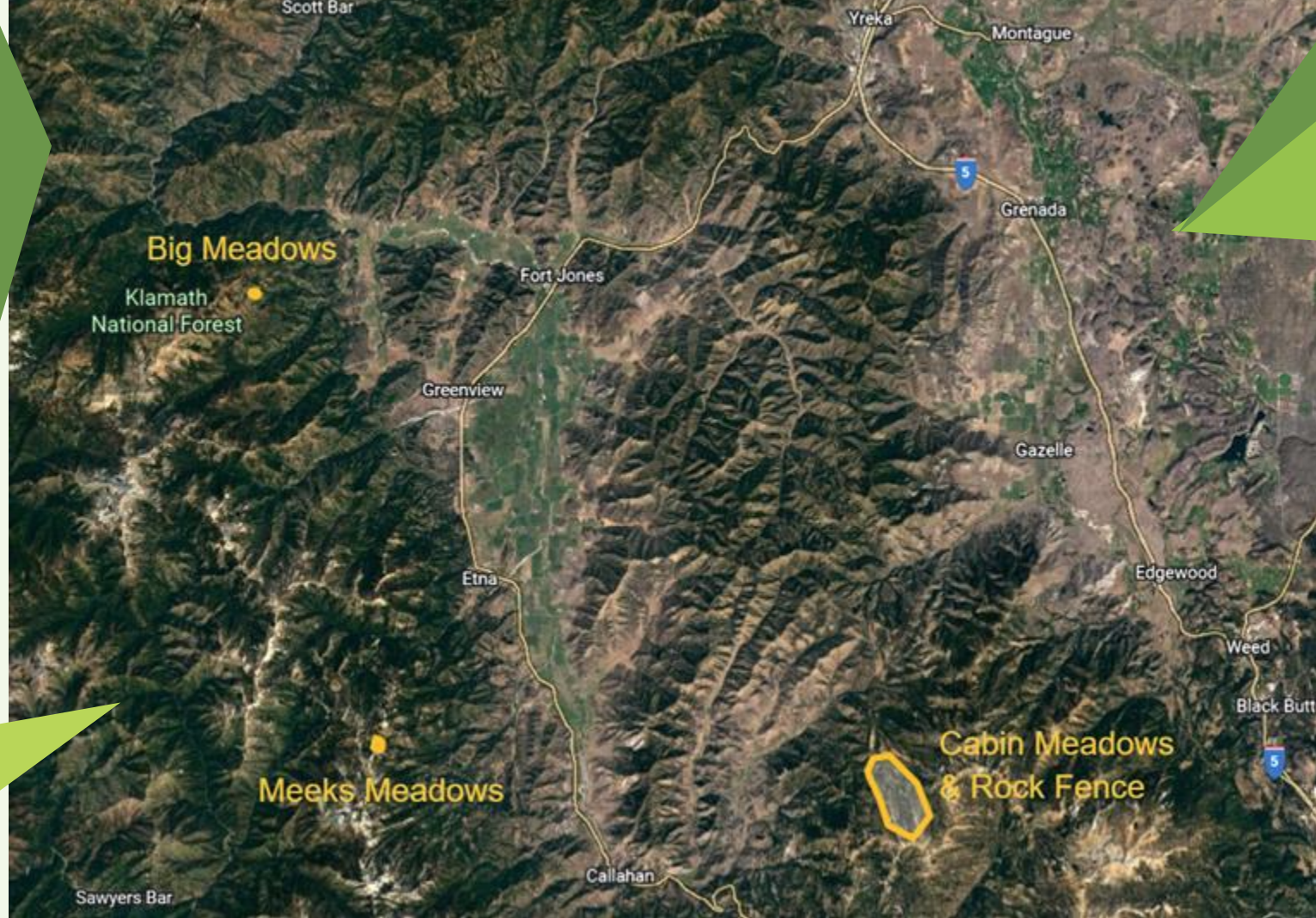
Wildfire Refugia



Cultural Use by Indigenous peoples



Recreation



Big Meadows

Klamath
National Forest

Meeks Meadows

**Cabin Meadows
& Rock Fence**



Big Meadows

- USFS & Ecotrust Forest Management
- Wilderness Area includes active grazing allotment



Restoration Activities

Aspen Stand Restoration & Protection

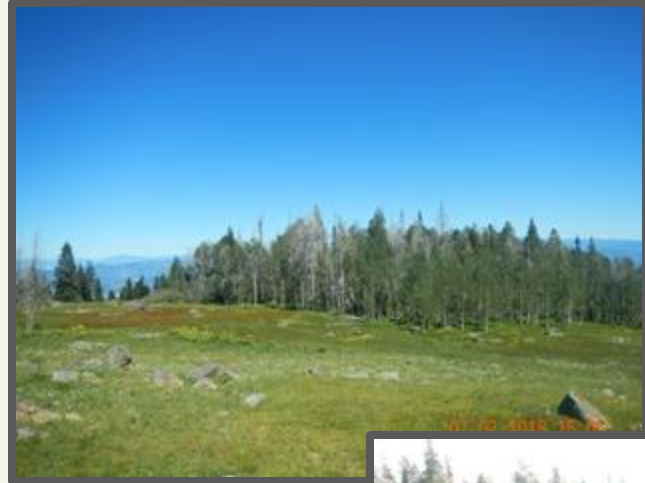
Cottonwood Stand Protection

Invasive Weed Management

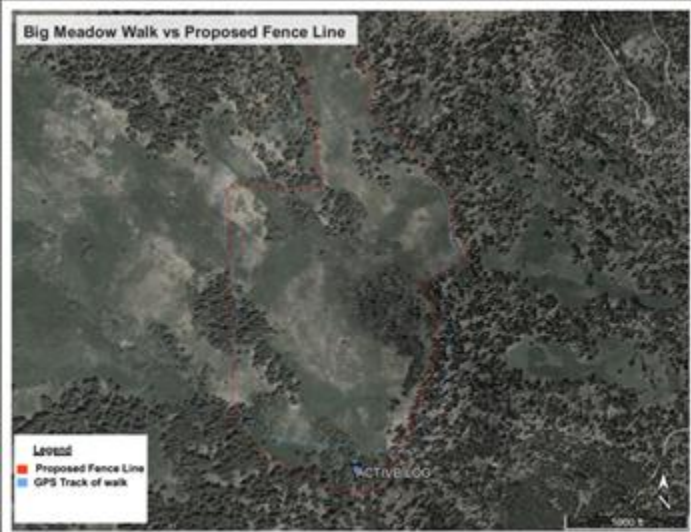
Gully Treatment



Conifer Removal 2020 & 2021



Cattle Exclusion 2021



inside
of fence

outside
of fence

Prescribed Burn 2021



Aspen Transects



2018

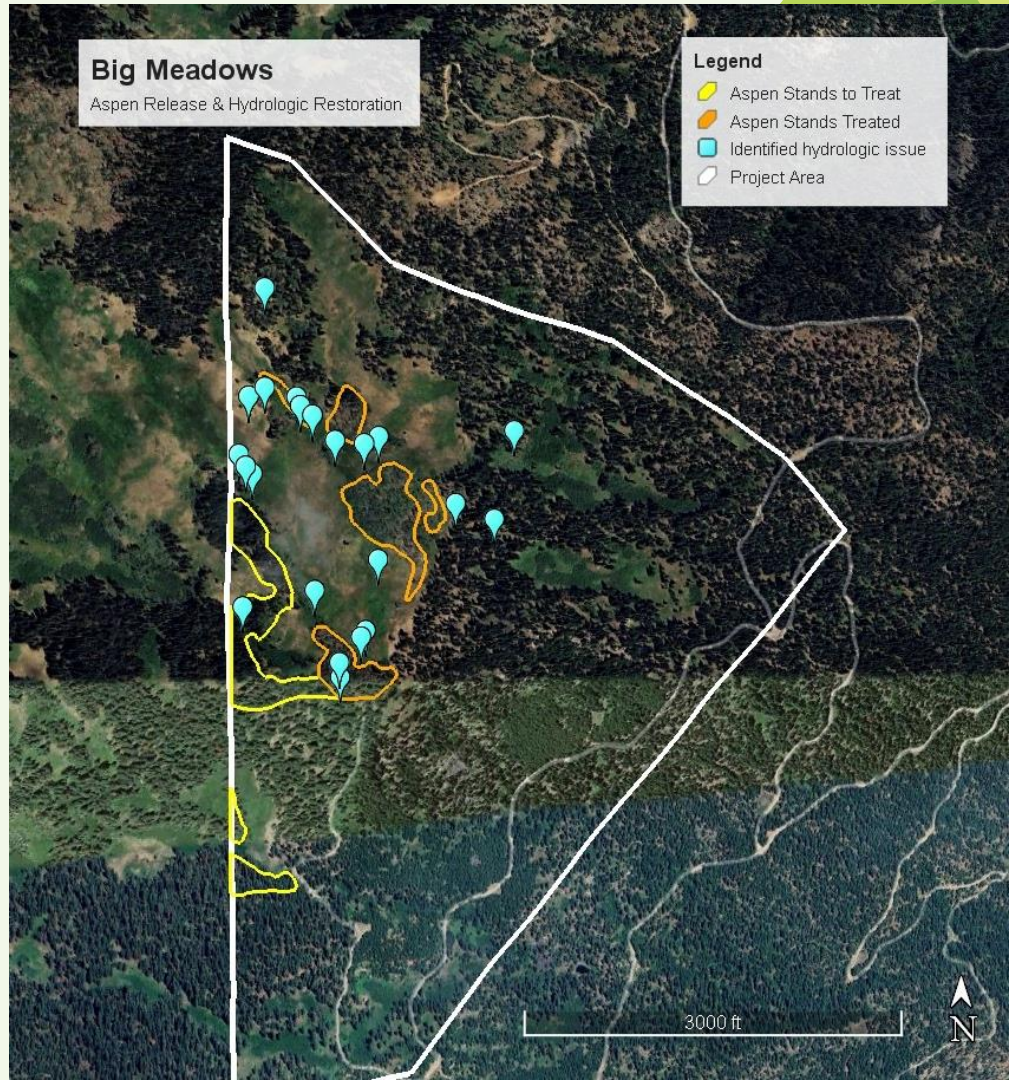
2024



Invasive Weeds Management 2018-present



Work planned for 2025-2026





Meeks Meadows

USFS land outside the Russian Wilderness
active grazing allotment



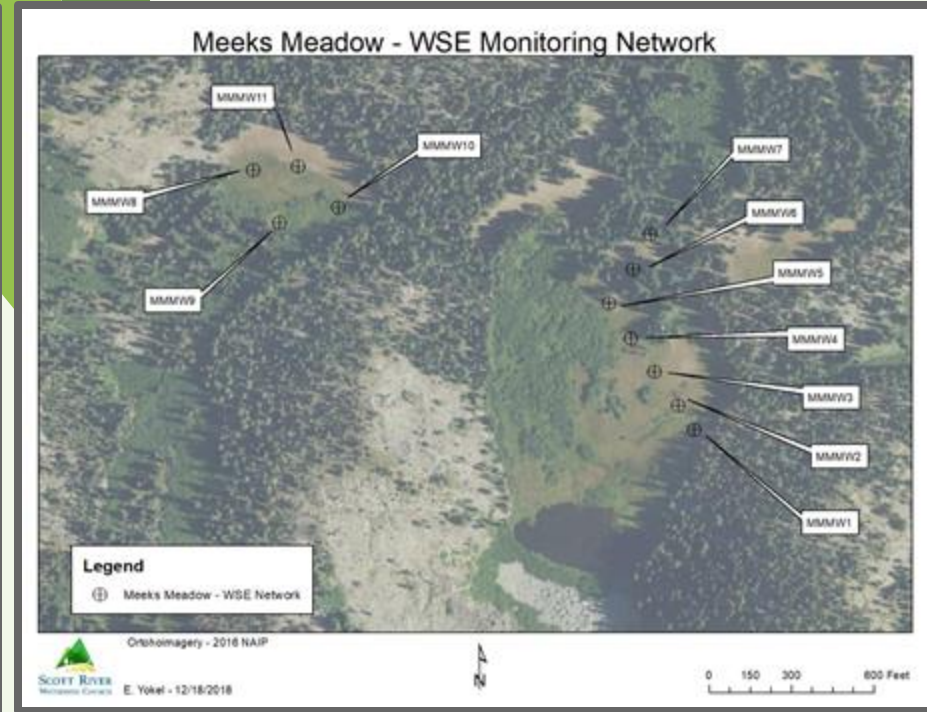
Meeks Meadows Monitoring Activities



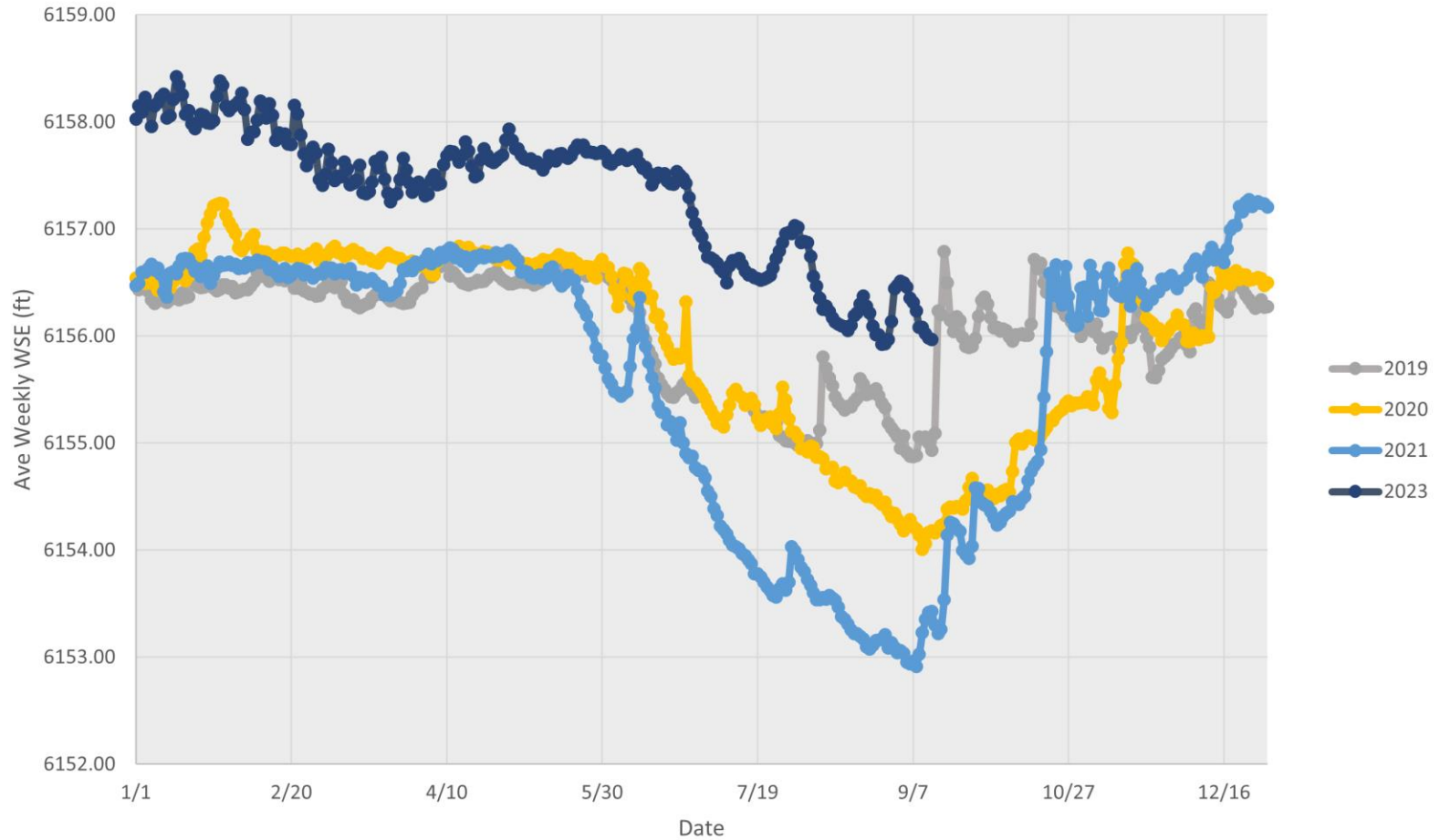
Groundwater monitoring

Aspen Stand monitoring and fencing

Groundwater Monitoring Wells Installed 2017



MMMW4 Average WSE



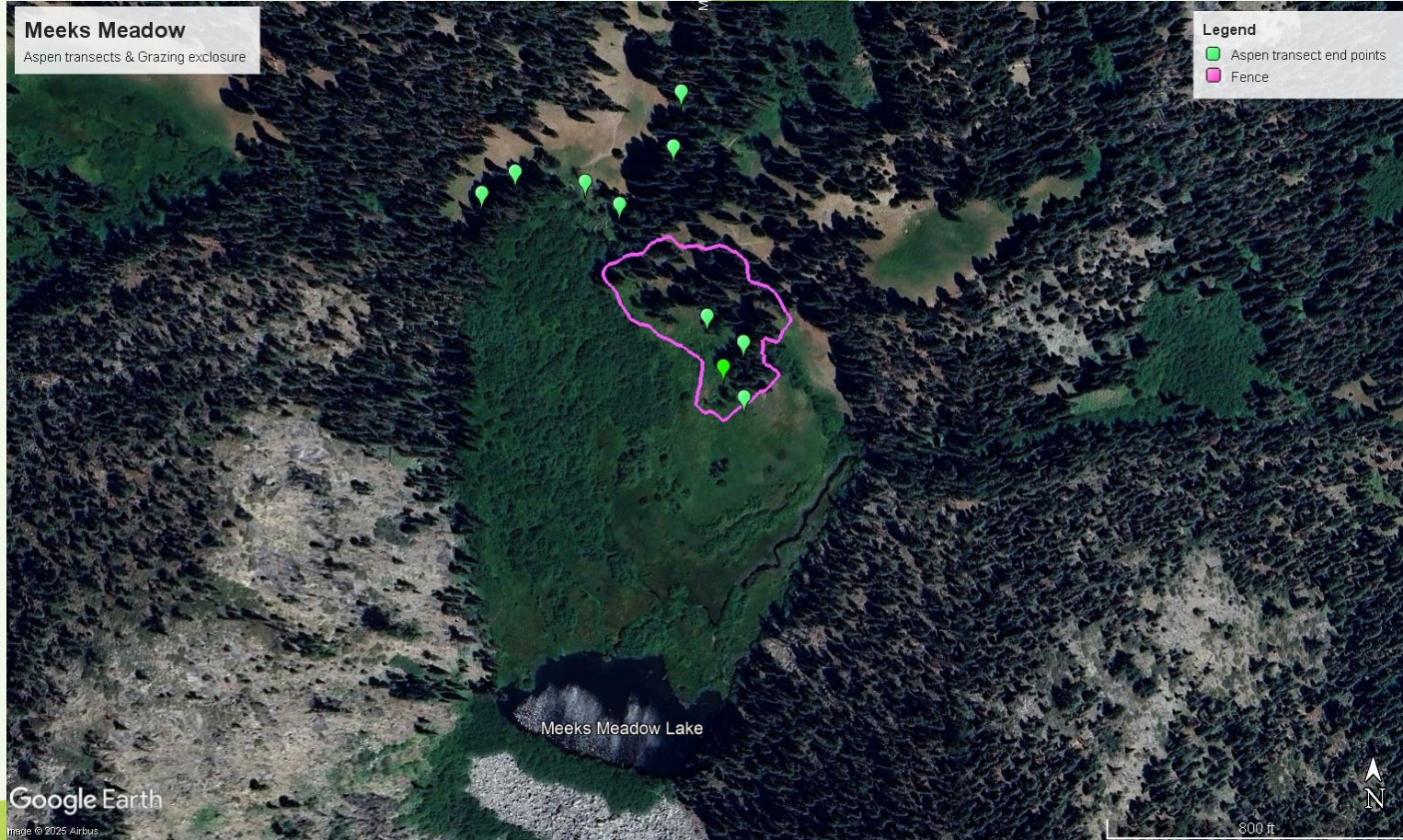
Aspen Stand Monitoring: began in 2018

Cattle impact aspen regeneration.

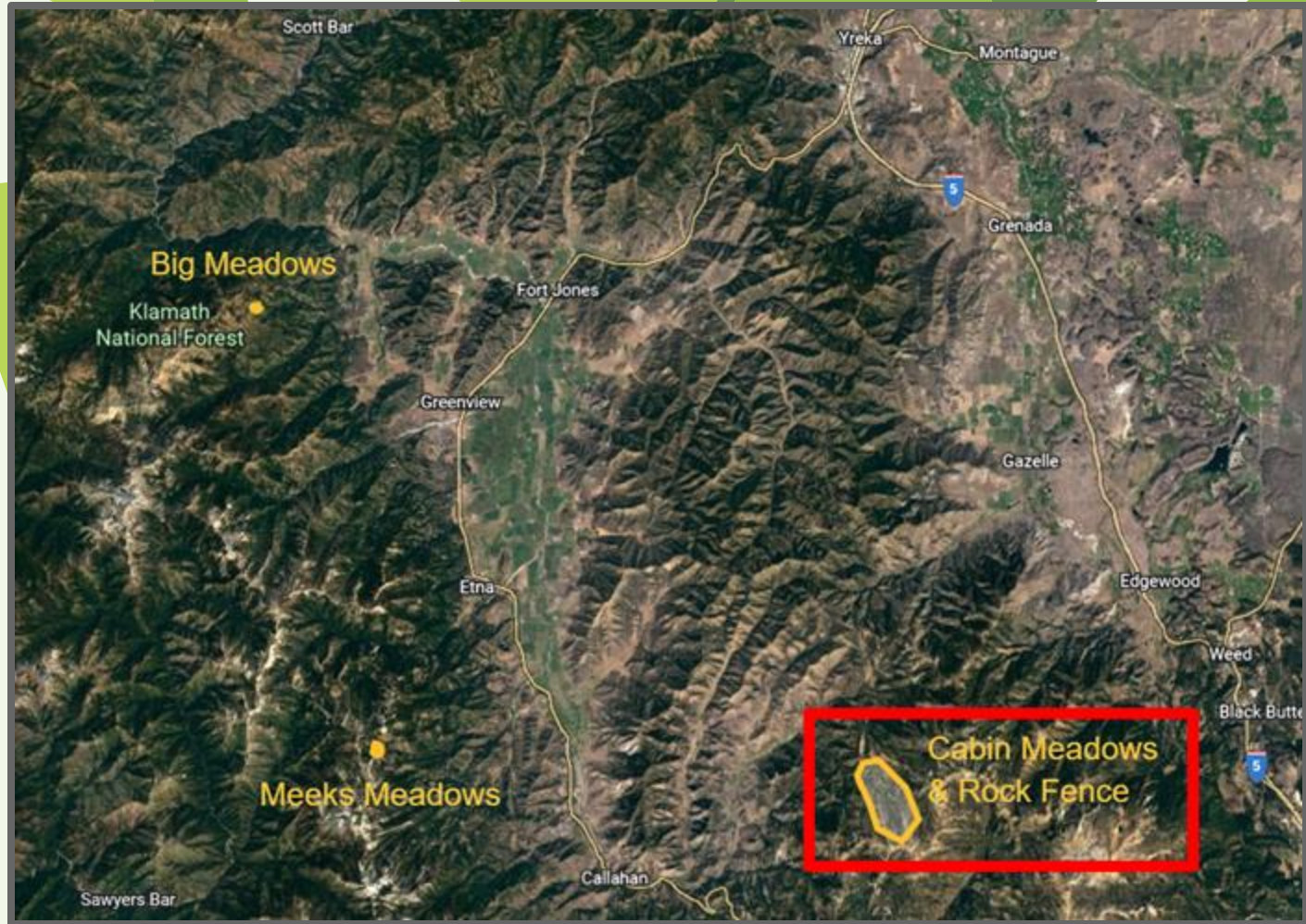
Up to 90% of young aspen are browsed.



Grazing Exclusion 2024



Cabin Meadows & Rock Fence





Cabin Meadows & Rock Fence

USFS land
Two sub-watersheds
flow into the East Fork of the Scott River

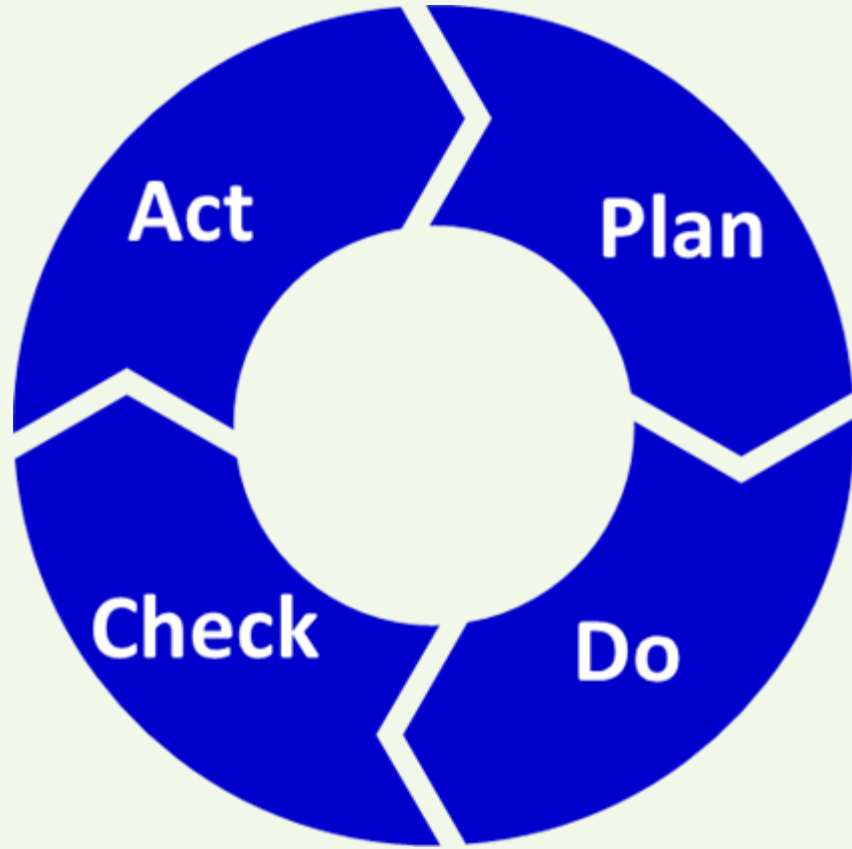


Stillwater
Sciences



NORTH RIVERS
CONSTRUCTION





Culvert Removal





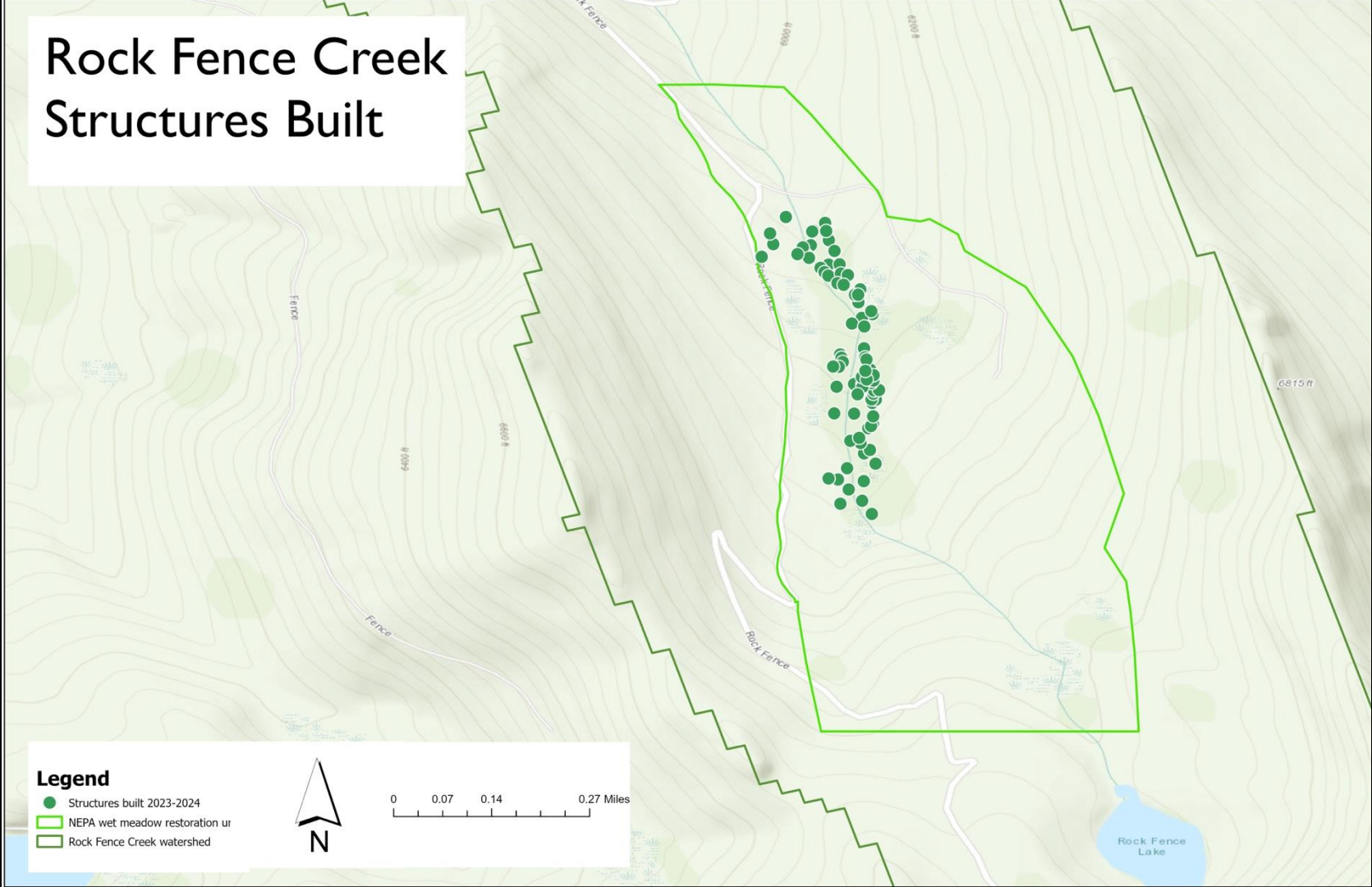
Slow it, spread it, sink it!





Flood it!

Rock Fence Creek Structures Built



Legend

- Structures built 2023-2024
- ▭ NEPA wet meadow restoration ur
- ▭ Rock Fence Creek watershed



0 0.07 0.14 0.27 Miles

Forestry Treatments



Monitoring

- Hydrology
- Water quality
- Vegetation & seed bank
- Grazing impact
- Channel morphology
- Cascades frogs
- Soil carbon and nitrogen
- and more



Restoration Plans

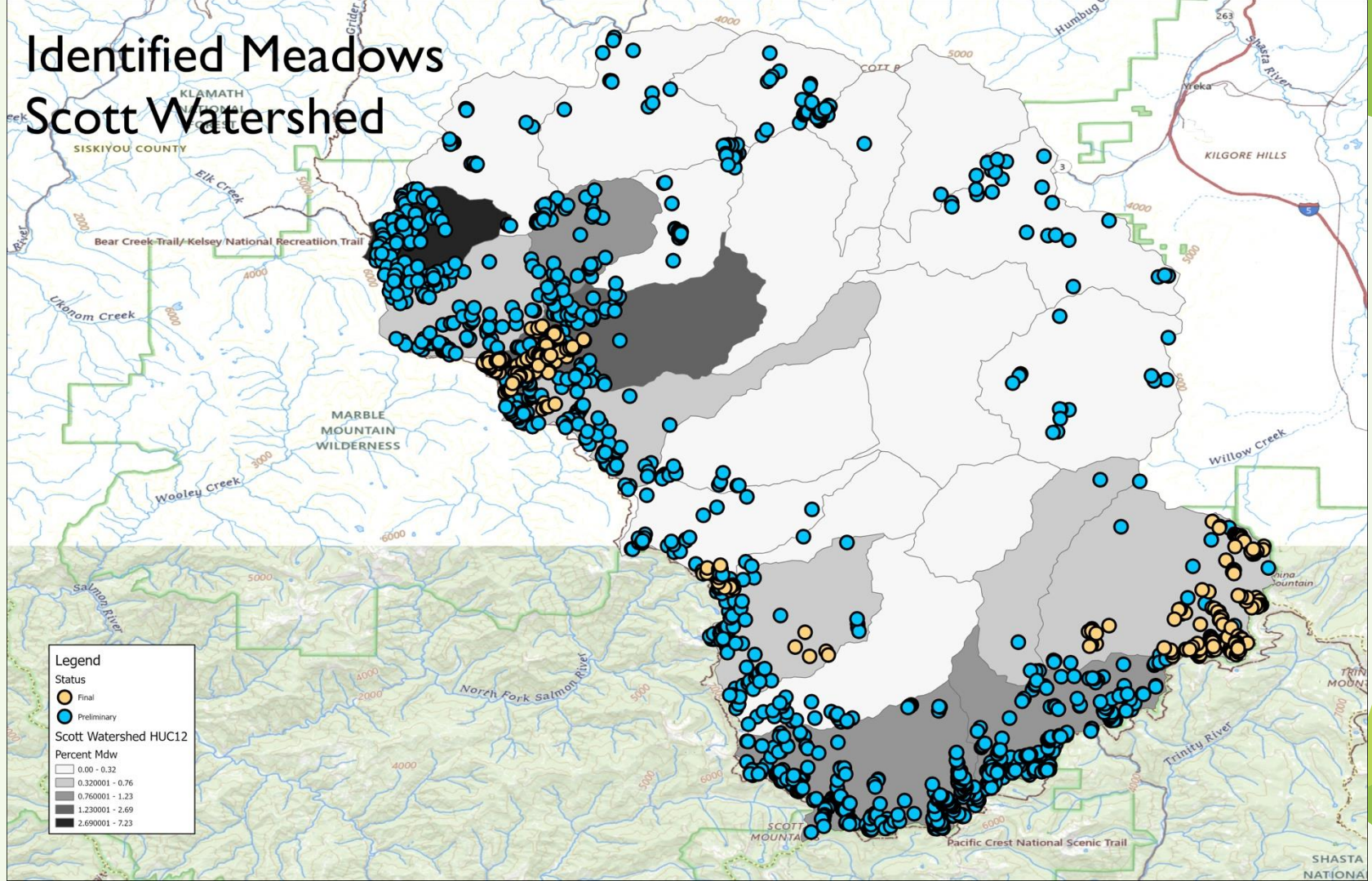
- Road system improvements
- Recovery of degraded stream channels
- Meadow & fen recovery
- Improved forest health



Meadows Inventory, Restoration Planning, and Implementation



Identified Meadows Scott Watershed





Klamath Meadows Partnership

klamathmeadows.org





Questions?

Photo Credits

All photos by SRWC staff except as noted below

Daderot, CC0, via Wikimedia Commons

https://commons.wikimedia.org/wiki/File:Basket_cap,_maker_unknown,_Yurok_Hupa_Karuk_-_Mount_Shasta_Sisson_Museum_-_DSC02805.JPG

Tobias Geberth, CC BY-SA 2.5 <<https://creativecommons.org/licenses/by-sa/2.5/>>, via Wikimedia Commons

<https://upload.wikimedia.org/wikipedia/commons/f/f8/Grass.jpg>

<https://commons.wikimedia.org/wiki/File:Grass.jpg>

ChristophRoser. Please credit "Christoph Roser at AllAboutLean.com", CC BY-SA 4.0 <<https://creativecommons.org/licenses/by-sa/4.0/>>, via Wikimedia Commons

<https://commons.wikimedia.org/wiki/File:PDCA-Loop.png>

File:Rural Skipper - Ochloides agricola, Butterfly Valley Botanical Area, Plumas County, California (33293792562).jpg. (2021, November 17). *Wikimedia Commons*. Retrieved 00:36, February 19, 2024 from [https://commons.wikimedia.org/w/index.php?title=File:Rural_Skipper_-_Ochloides_agricola,_Butterfly_Valley_Botanical_Area,_Plumas_County,_California_\(33293792562\).jpg&oldid=607712606](https://commons.wikimedia.org/w/index.php?title=File:Rural_Skipper_-_Ochloides_agricola,_Butterfly_Valley_Botanical_Area,_Plumas_County,_California_(33293792562).jpg&oldid=607712606).

Wikimedia Commons contributors. File:Pale swallowtail - Papilio eurymedon (4962a000-4e62-4ee5-a364-7fe40c49c586).jpg [Internet]. Wikimedia Commons; 2023 Sep 29, 19:15 UTC [cited 2024 Feb 19]. Available from: [https://commons.wikimedia.org/w/index.php?title=File:Pale_swallowtail_-_Papilio_eurymedon_\(4962a000-4e62-4ee5-a364-7fe40c49c586\).jpg&oldid=806356054](https://commons.wikimedia.org/w/index.php?title=File:Pale_swallowtail_-_Papilio_eurymedon_(4962a000-4e62-4ee5-a364-7fe40c49c586).jpg&oldid=806356054).

Bda photo by NRCS Oregon under creative commons license https://www.flickr.com/photos/nrcs_oregon/50937970891/in/photostream/
<https://creativecommons.org/licenses/by-nd/4.0/>

Blalonde, CC BY-SA 3.0 <<https://creativecommons.org/licenses/by-sa/3.0/>>, via Wikimedia Commons

https://commons.wikimedia.org/wiki/File:Oregon_Junco_in_Kelowna,_BC.jpg

Andy Reago & Chrissy McClarren, CC BY 2.0 <<https://creativecommons.org/licenses/by/2.0/>>, via Wikimedia Commons

[https://commons.wikimedia.org/wiki/File:Lincoln%27s_Sparrow_\(34303079945\).jpg](https://commons.wikimedia.org/wiki/File:Lincoln%27s_Sparrow_(34303079945).jpg)

Bill Bouton, CC BY-SA 2.0 <<https://creativecommons.org/licenses/by-sa/2.0/>>, via Wikimedia Commons

https://commons.wikimedia.org/wiki/File:Lazuli_Bunting,_Passerina_amoena.jpg

VIAnderson. CC BY-SA 4.0 <<https://creativecommons.org/licenses/by-sa/4.0/>>, via Wikimedia Commons https://commons.wikimedia.org/wiki/File:Warbling_Vireo_0800wing

Thanks!

Do you have any questions?

youremail@freepik.com

+91 620 421 838

yourcompany.com



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**.

Please keep this slide for attribution.

