



North Coast Coho Project CA Trout Unlimited

27 years of Watershed Restoration in Northern California

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**Every River
Needs A Champion**





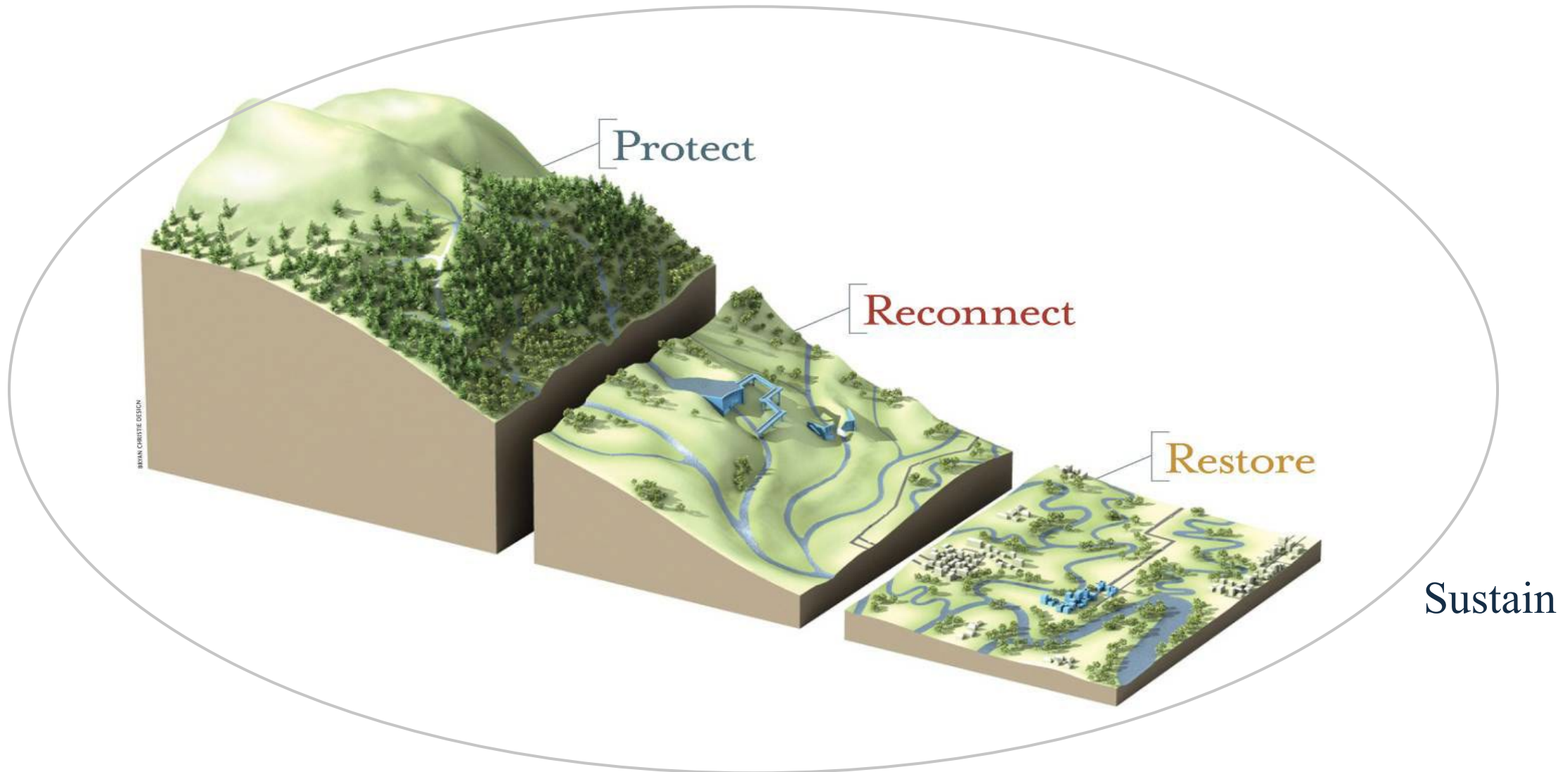
North Coast Coho Project

A public-private partnership with significant and demonstrable results.

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Trout Unlimited - Conservation Strategies

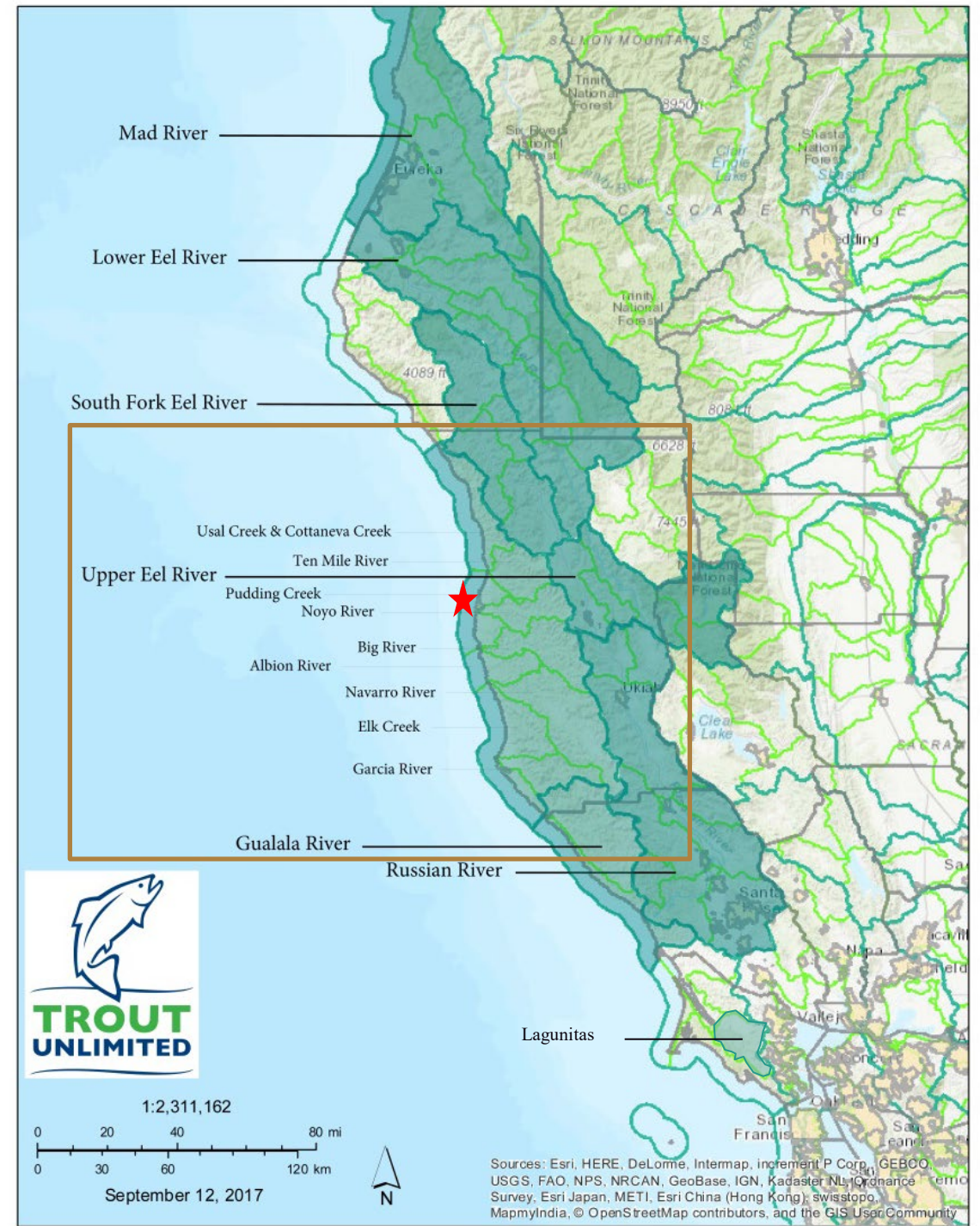


Where We Work

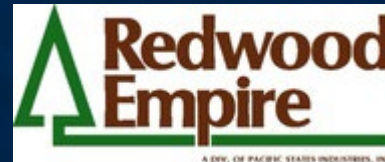
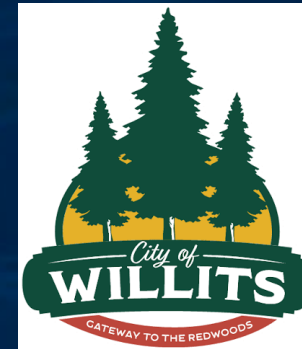
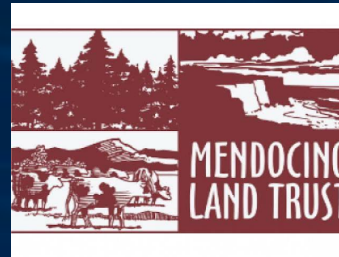
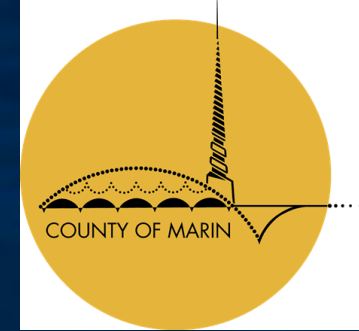
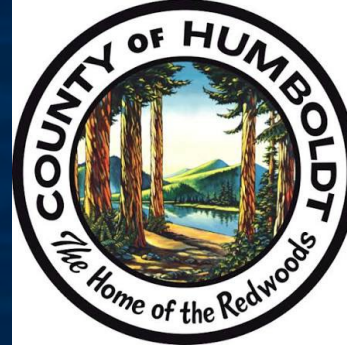
TU partners manage more than 900,000 acres of land



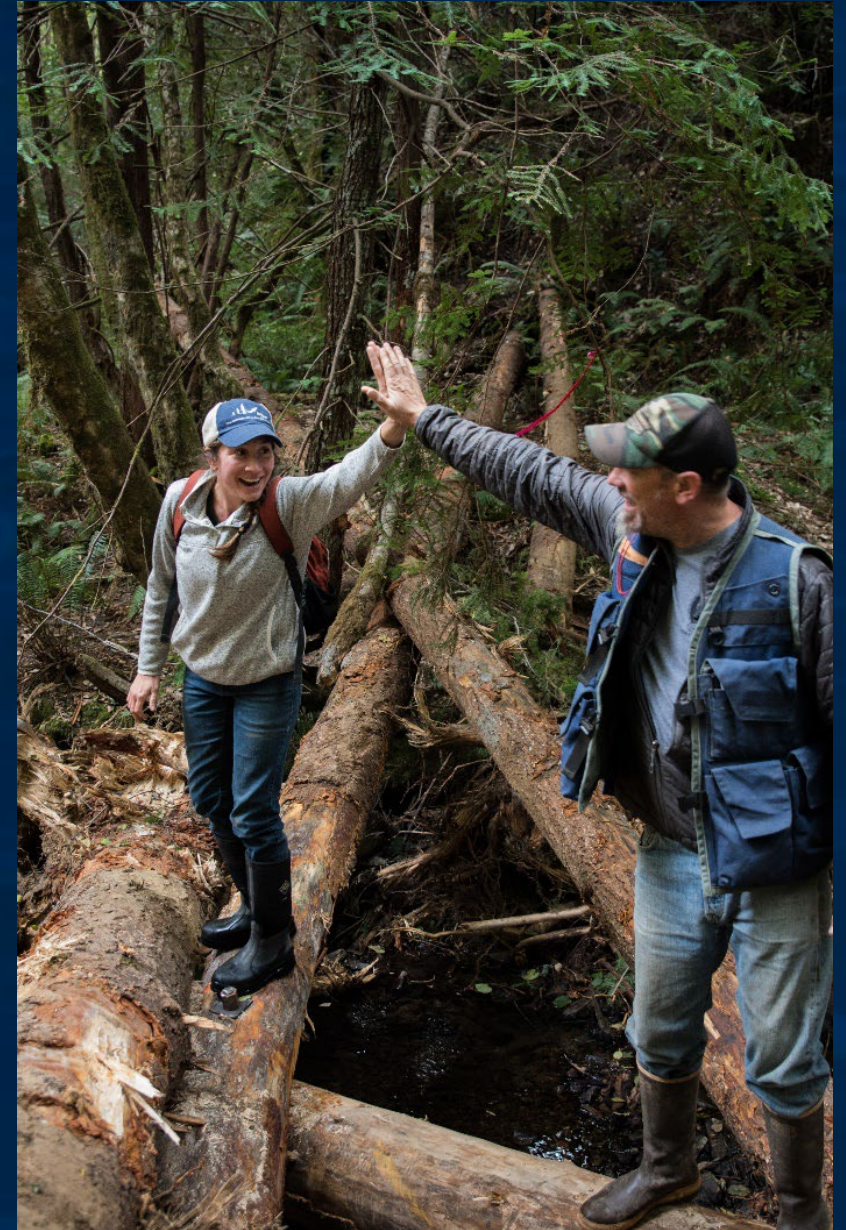
Photo Credit: Leslie Elias



Large Landowners



Collaborative Efforts



Are Key to Recovery Success

NCCP Focal Species & Protection Status



Central California Coast Coho Salmon - Endangered

Oncorhynchus kisutch

North Coast Steelhead Trout - Threatened

Oncorhynchus mykiss

Coastal Chinook Salmon - Threatened

Oncorhynchus tshawytscha

Coastal Cutthroat Trout

Oncorhynchus clarkii clarkii

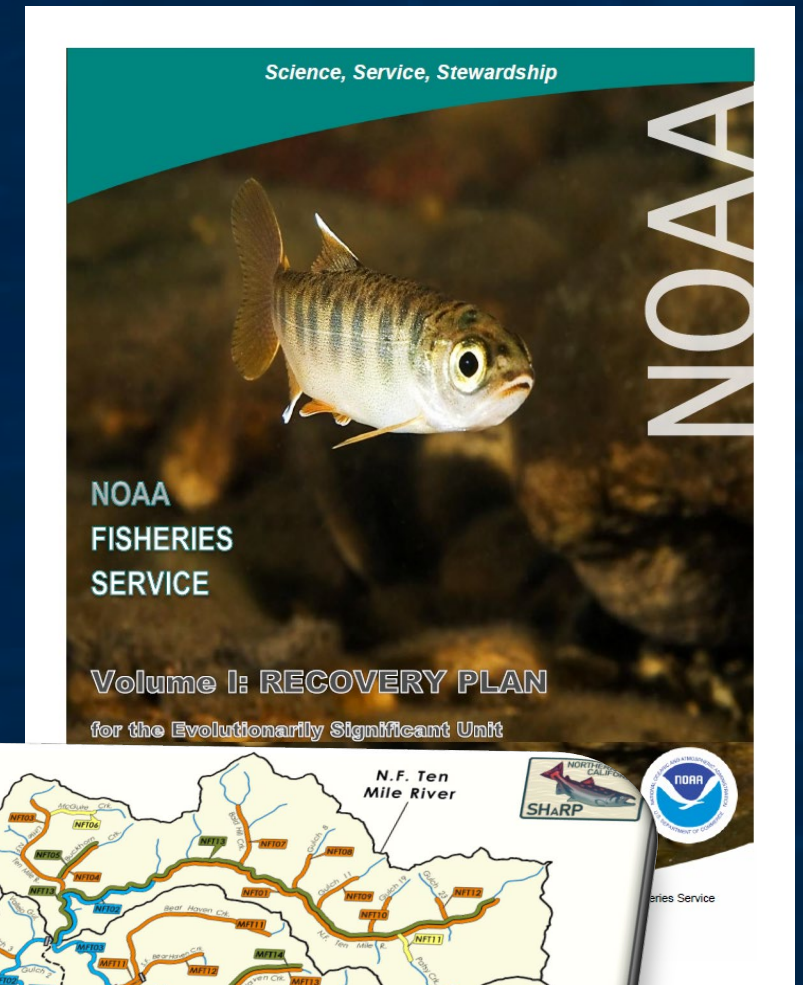
Pacific Lamprey – Species of Special Concern

Entosphenus tridentatus



State and Federal Guidance

- Rely on data from CMP
- Address highest priority recovery actions identified by NOAA CCC Coho Recovery Plan
 - Restore alcove, backchannel, seasonal pond habitat
 - Create or restore complex habitat features
 - Retain, recruit, and actively input large wood into streams
- Follow the Recommendations outlined in SHaRP





Restoration Approaches Over Time

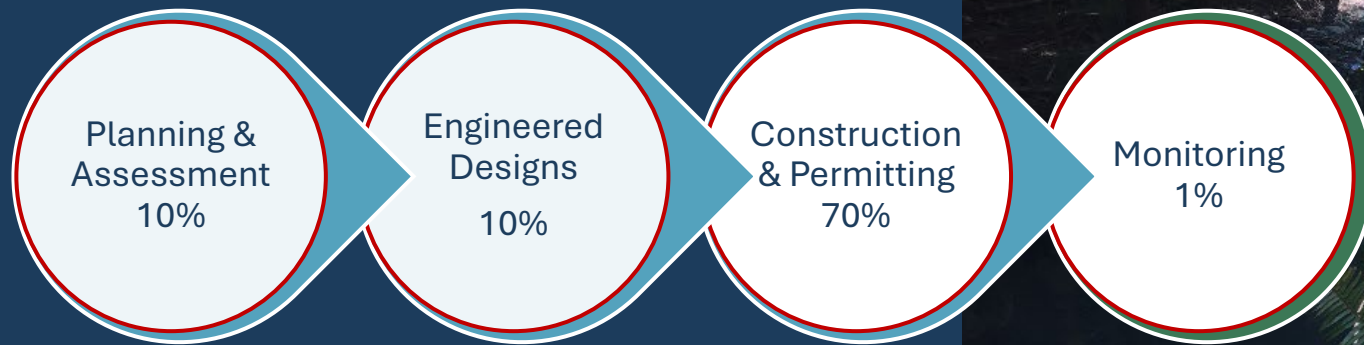
1. Watershed Scale Sediment Reduction
2. Fish Passage Remediation
3. Instream Habitat Enhancement
4. Floodplain Habitat Enhancement
5. Streamflow Conservation
6. Low-tech process-based restoration and groundwater
7. Prescribed and Cultural Fire

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Our Role

Grantee/Project Manager

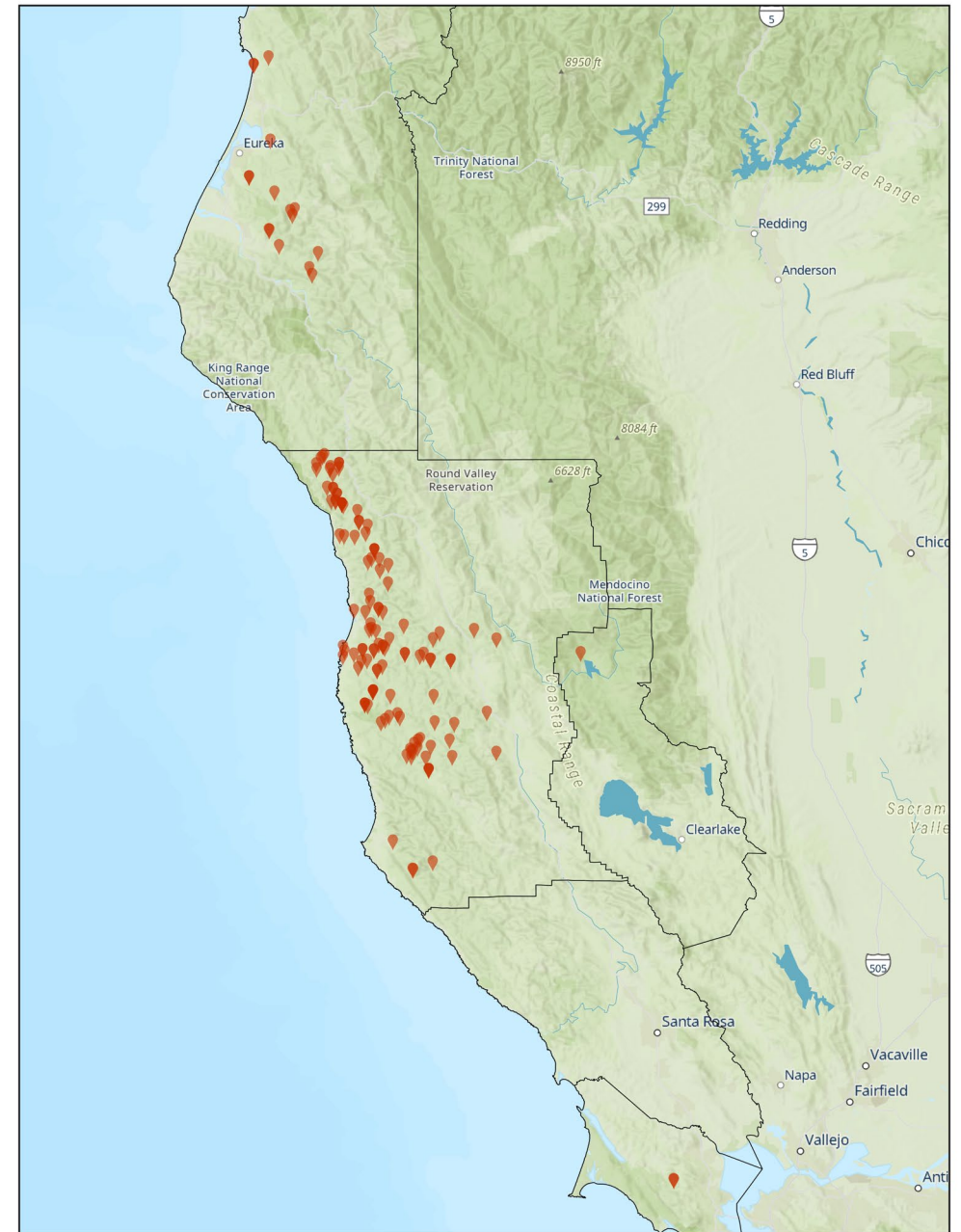


- Project Coordination
- Fundraising
- Permits
- Compliance
- Monitoring



Shared Accomplishments Over Time

- 🐟 180 projects
- 🐟 16 fish migration barriers removed
- 🐟 72 miles of habitat opened
- 🐟 145 miles of instream enhancement 4 off channel ponds or alcoves
- 🐟 575 miles of road treated
- 🐟 727,813 CY of sediment prevented from entering streams.





Upcoming Tours

NCCP Restoration Collaborations in:

Navarro Watershed - Friday

Big River Watershed – Saturday

Noyo River Watershed – Sunday

Usal Creek Watershed – Sunday

Restoration through Aggradation (Albion and Navarro)
- Sunday

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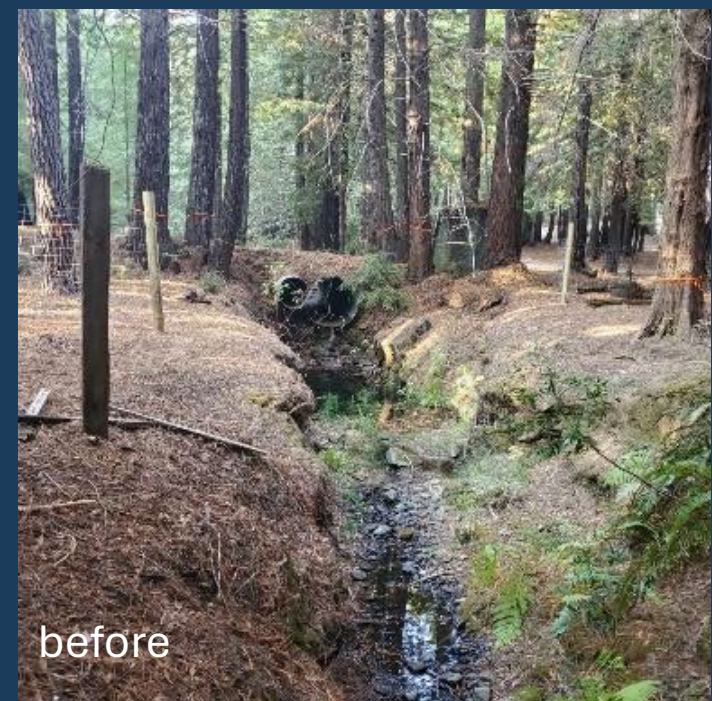


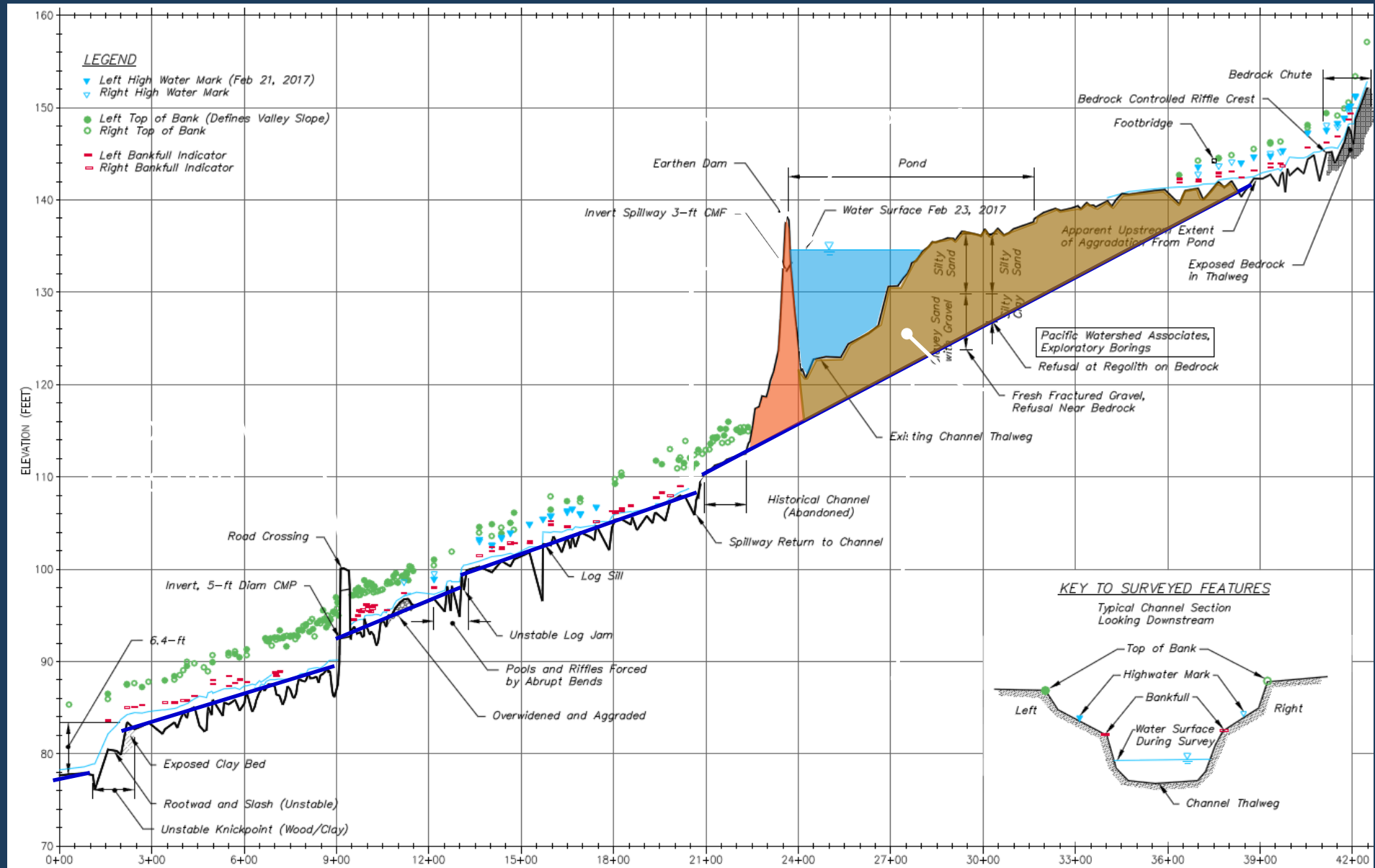
Neefus Gulch

Stock pond removal and instream channel enhancement

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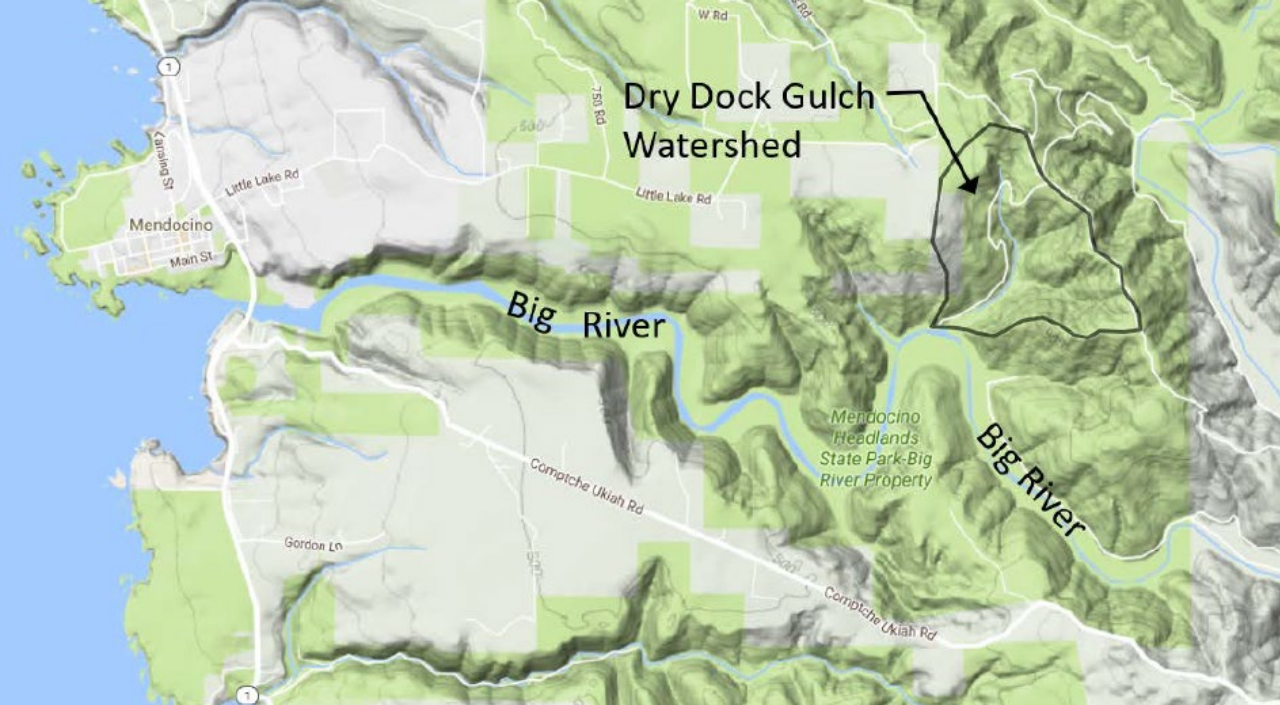






Neefus Gulch Fish Passage Improvement (Phase II), Earthen Dam Barrier Removal (a) before, (b) during, and (c) after construction.





Dry Dock Gulch

Restoring fish passage, tidal hydrology, and enhance rearing habitat in lower Big River.



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Inlet



Outlet









Flynn Creek

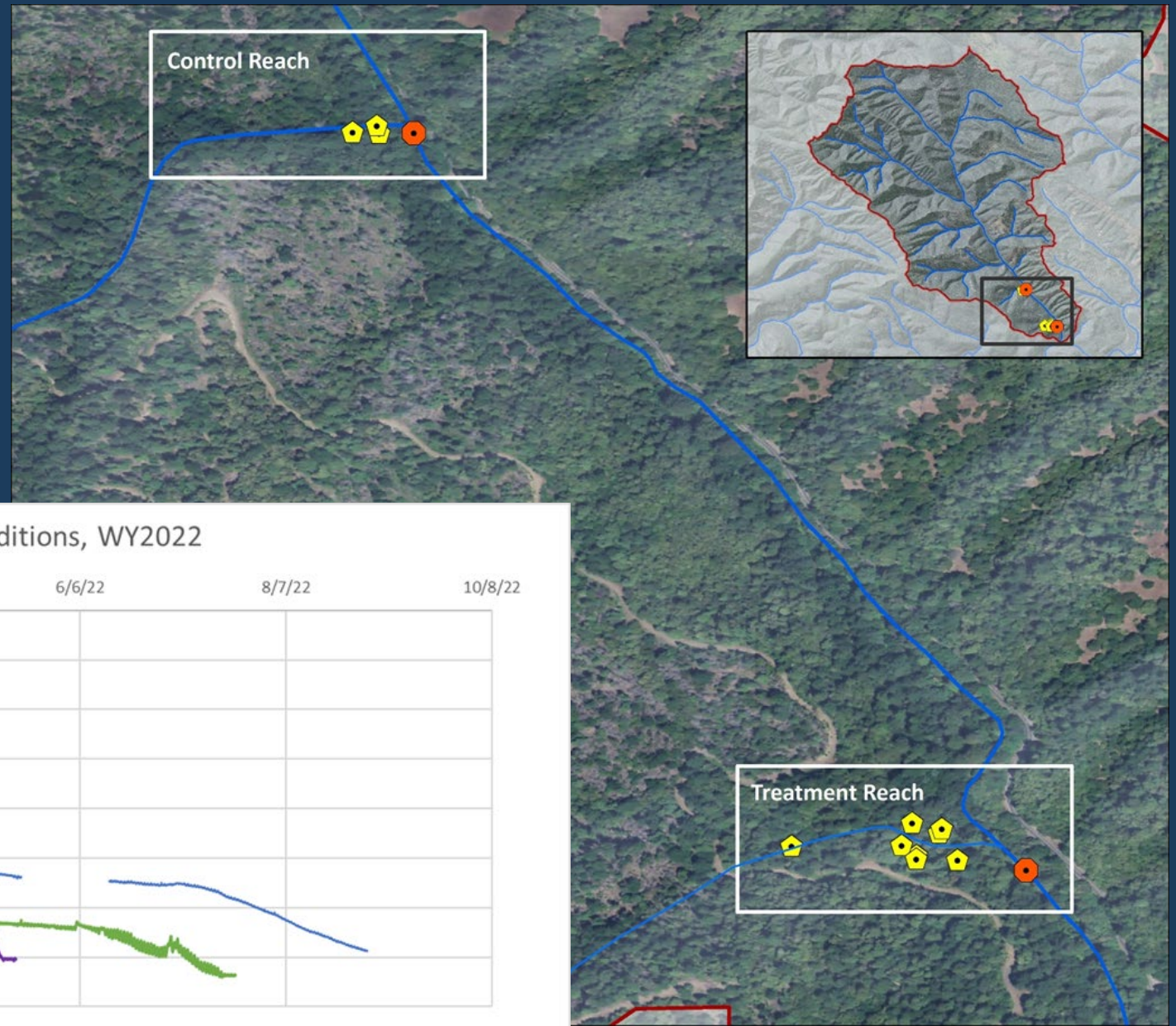
Low-tech PBR on Paired Watershed Pilot Project

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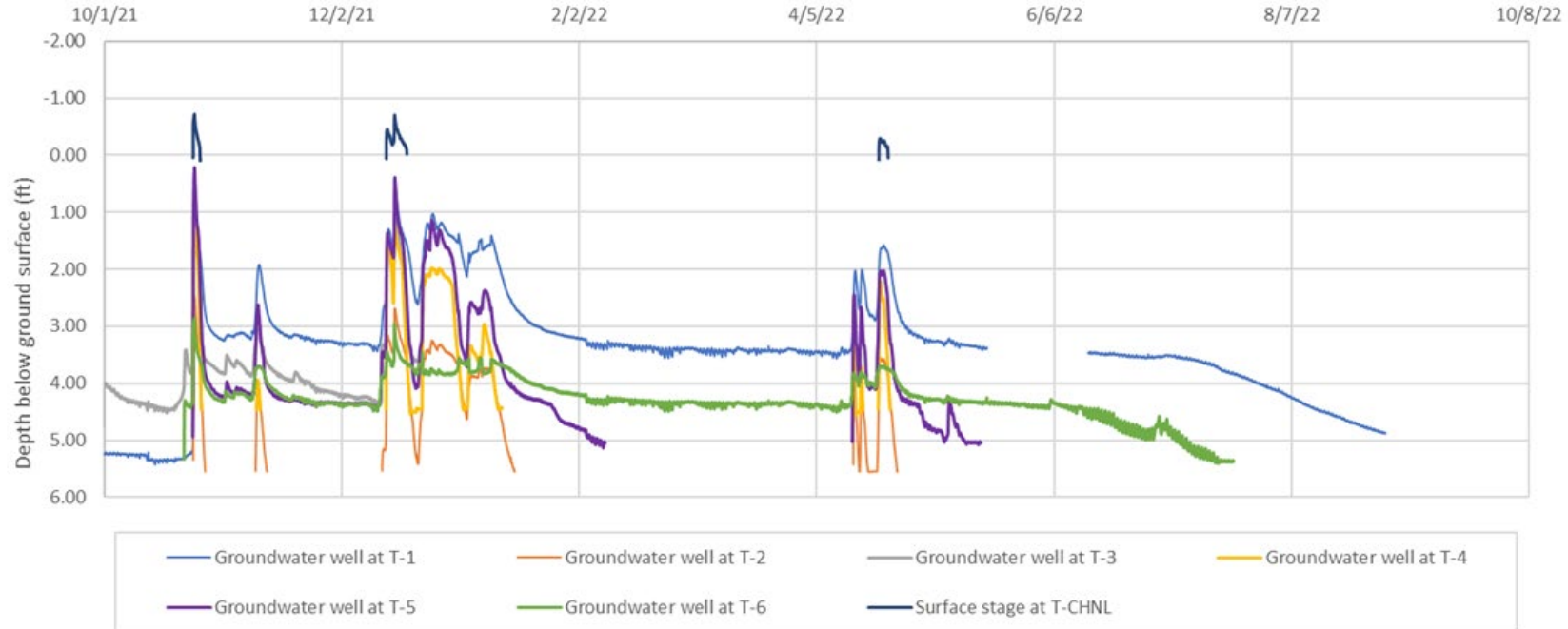








Flynn Creek treatment reach groundwater conditions, WY2022





Questions

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NOAA Fisheries

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