

Fisheries Habitat Restoration

Trinity River Watershed



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Photo 20. Chinook spawning in constructed side channel downstream of pond in northwest project area one year after construction.

Fisheries Habitat Restoration

- Overview of Program
- Recovery Criteria and Focus Watersheds
- Recent Projects in the Trinity River Watershed
- Process for Developing a Project

Fisheries Habitat Restoration

- Restore, enhance, or protect anadromous salmonid habitat in watersheds of California or
- Lead to process-based restoration, enhancement, or protection of anadromous salmonid habitat
- California Water Action Plan, State Wildlife Action Plan, and
- CDFW's mission.

Project Types

- Fish Passage at Stream Crossings
- Instream Barrier Modification for Fish Passage
- Instream Habitat Restoration
- Riparian Restoration
- Instream Bank Stabilization
- Watershed Restoration (Upslope)

Project Types

- Monitoring Watershed Restoration
- Watershed and Regional Organization
- Project Design
- Public Involvement and Capacity Building
(includes AmeriCorps projects)
- Watershed Evaluation, Assessment, and Planning
- Enforcement and Protection

Project Types

- Fish Screening of Diversions
- Private Sector Technical Training and Education
- Water Conservation Measures
- Water Measuring Devices (Instream and Water Diversion)
- Cooperative Rearing

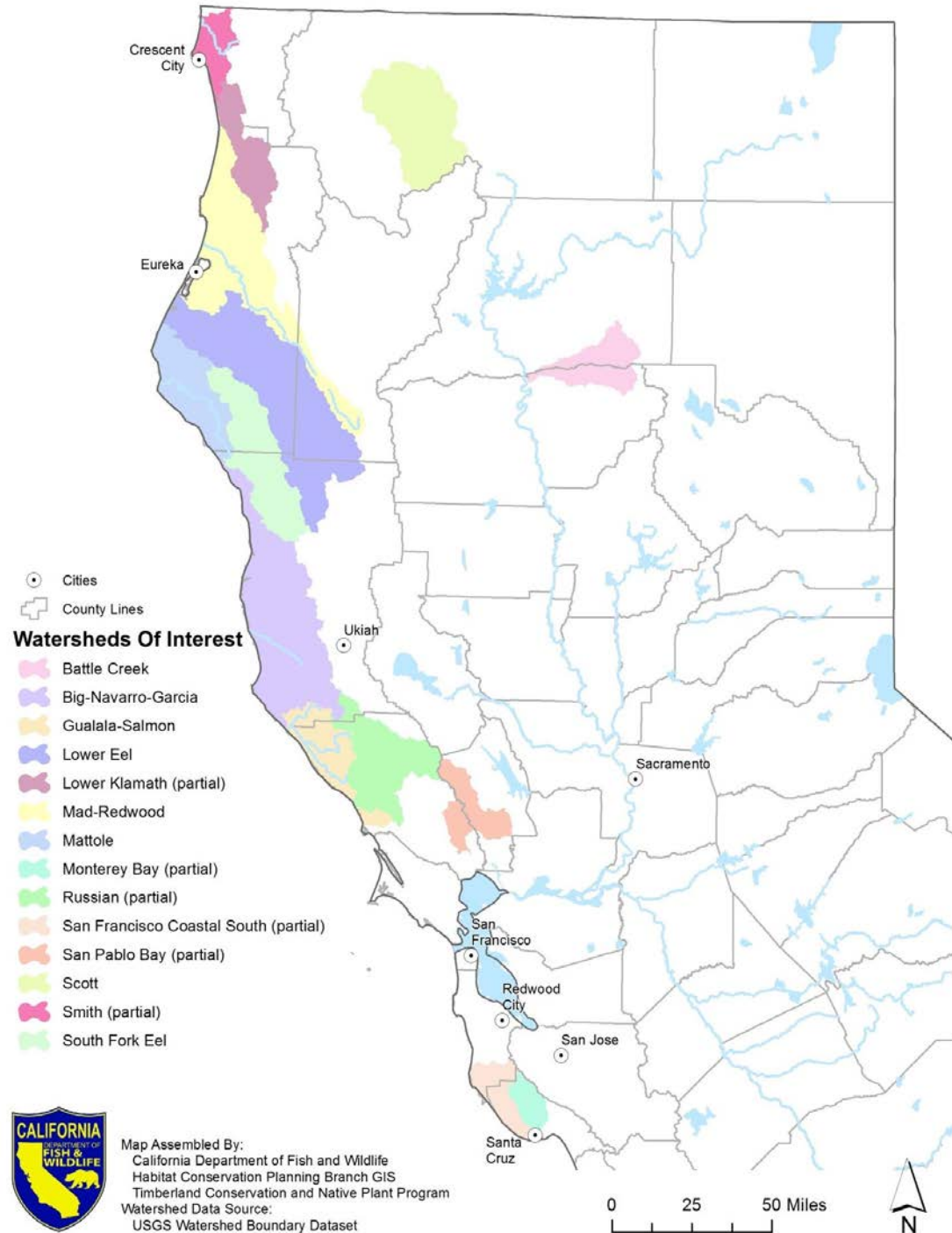
Two Programs:

- Forest Land Anadromous Restoration (FLAR)
 - Timber Regulation and Forest Restoration Fund
- Fisheries Restoration Grant Program (FRGP)
 - Pacific Coastal Salmon Recovery Fund



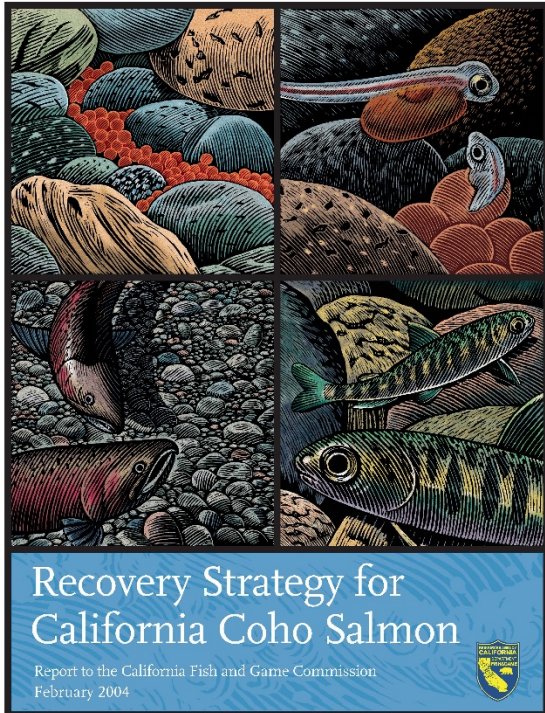
FLAR Focus

- Fish Passage at Stream Crossings
- Instream Barrier Modification for Fish Passage
- Instream Habitat Restoration
- Riparian Restoration
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- Watershed Restoration (Upslope)



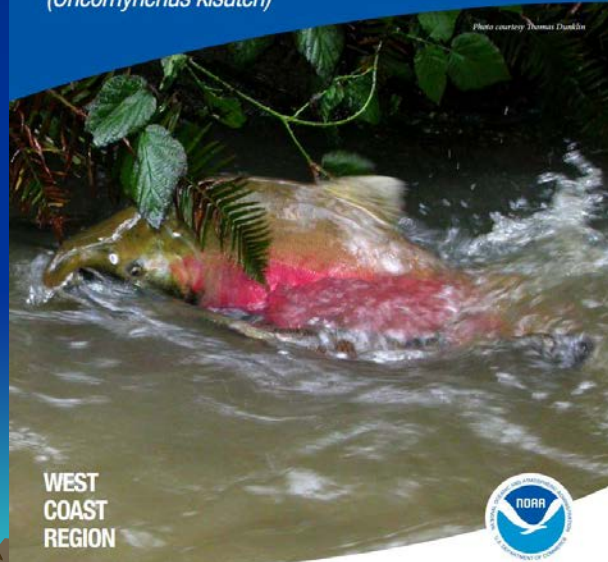
Recovery Tasks

Example: SONCC-LTR.2.2.12.2 Remove levees and restore channel form and floodplain connectivity.



Final Recovery Plan for the Southern Oregon/ Northern California Coast Evolutionarily Significant Unit of Coho Salmon (*Oncorhynchus kisutch*)

2014



Final Coastal Multispecies Recovery Plan

October 2016

- California Coastal Chinook Salmon
- Northern California Steelhead
- Central California Coast Steelhead



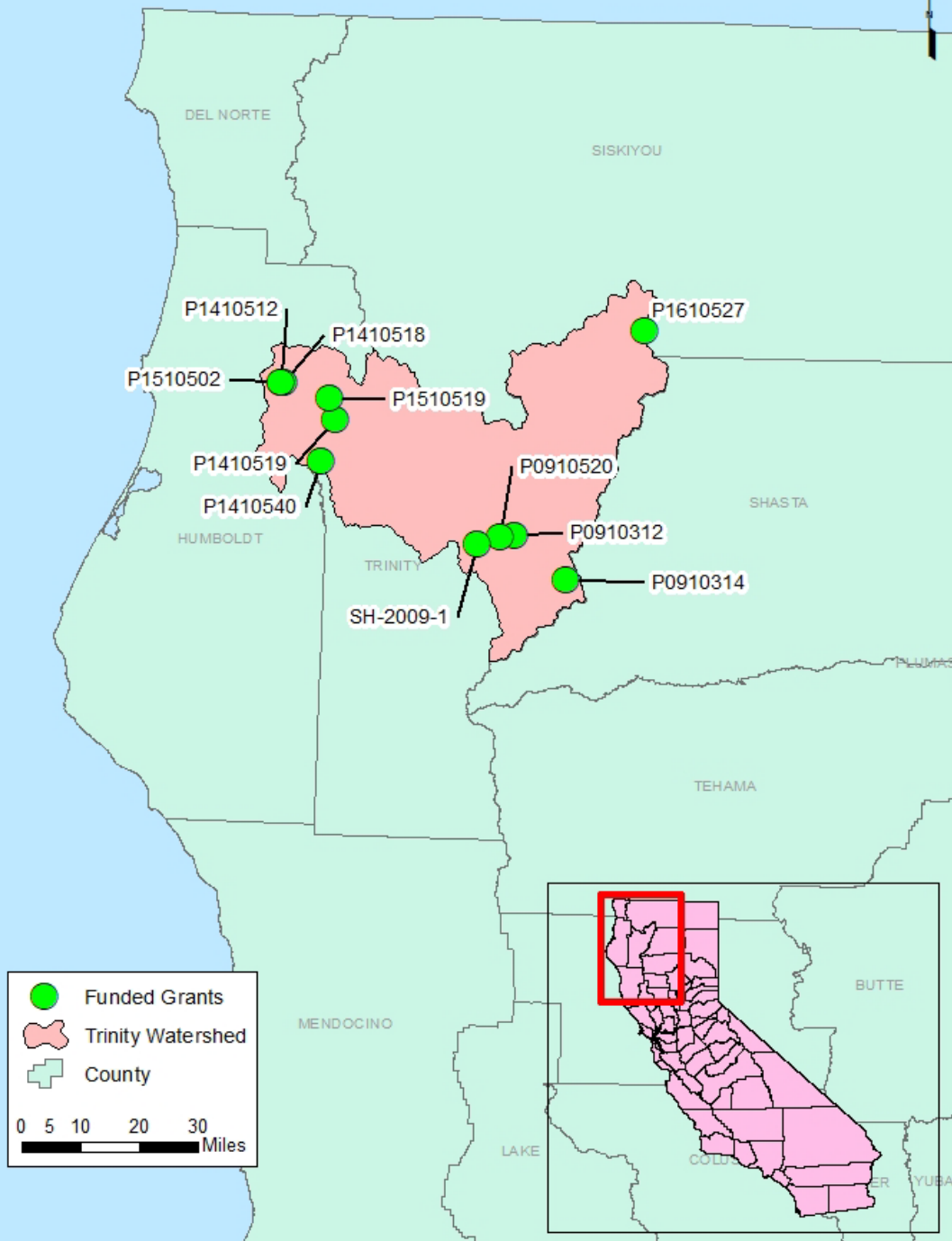
FRGP Focus

Map Number (See website)	Watershed	Criteria Detail	Species ¹																				
	<i>The HUC watershed system is used. The number following the name indicates the HUC level.</i>	<i>Proposals will be considered for designated project types benefiting the target species in the focus streams and watersheds listed below.</i>	Coho	steelhead	Chinook	E F	F P	H B	H I	H R	H S	H U	M O	O R	P D	P I	P L	R E	S C	T E	W C	W D	
1	Salmon River - 8	Salmon River	B			✓		✓	✓				✓		✓	✓	✓			✓			
3	Weaver Creek - 10, Canyon Creek - 10, NF Trinity River - 10, Big French Creek - 10	Upper Trinity (below Lewiston Dam)	A			✓	✓	✓	✓				✓		✓	✓	✓		✓	✓	✓	✓	
3	New River - 10, Big French Creek - 10, Horse Linto Creek - 10	Lower Trinity	A			✓	✓	✓	✓			✓	✓		✓	✓	✓		✓	✓	✓	✓	
3	SF Trinity - 8	SF Trinity	B			✓		✓	✓			✓	✓		✓	✓	✓			✓	✓	✓	

A "✓" in the project type columns represent eligible project types within that watershed. A solid black box represents species and project types that are ineligible for designated watersheds.

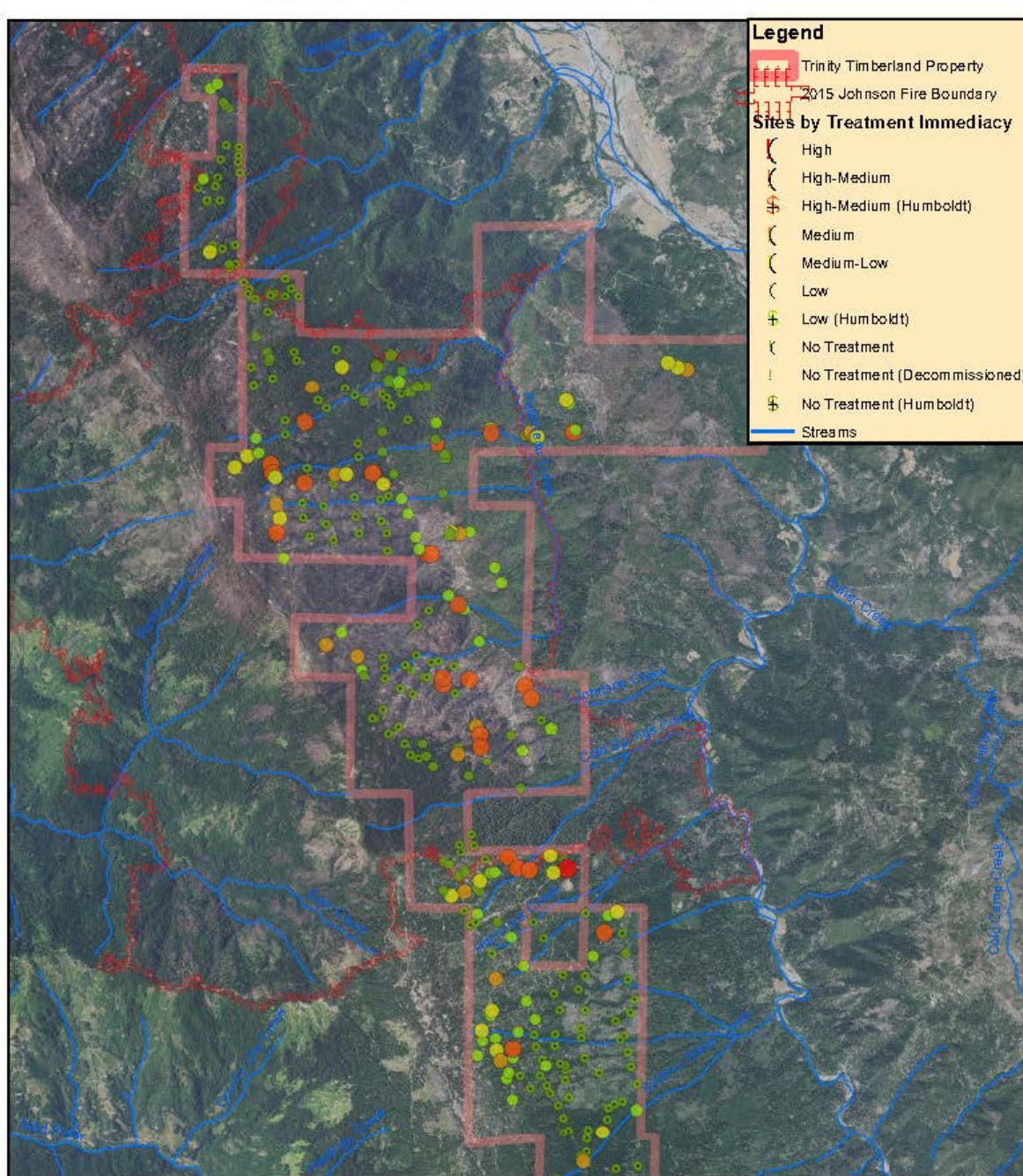
NMFS Recovery Plan population priorities are designated by species (A - 1st priority, B - 2nd priority) and may be considered in the ranking of proposals or prioritization of funding.

Trinity River Watershed Projects



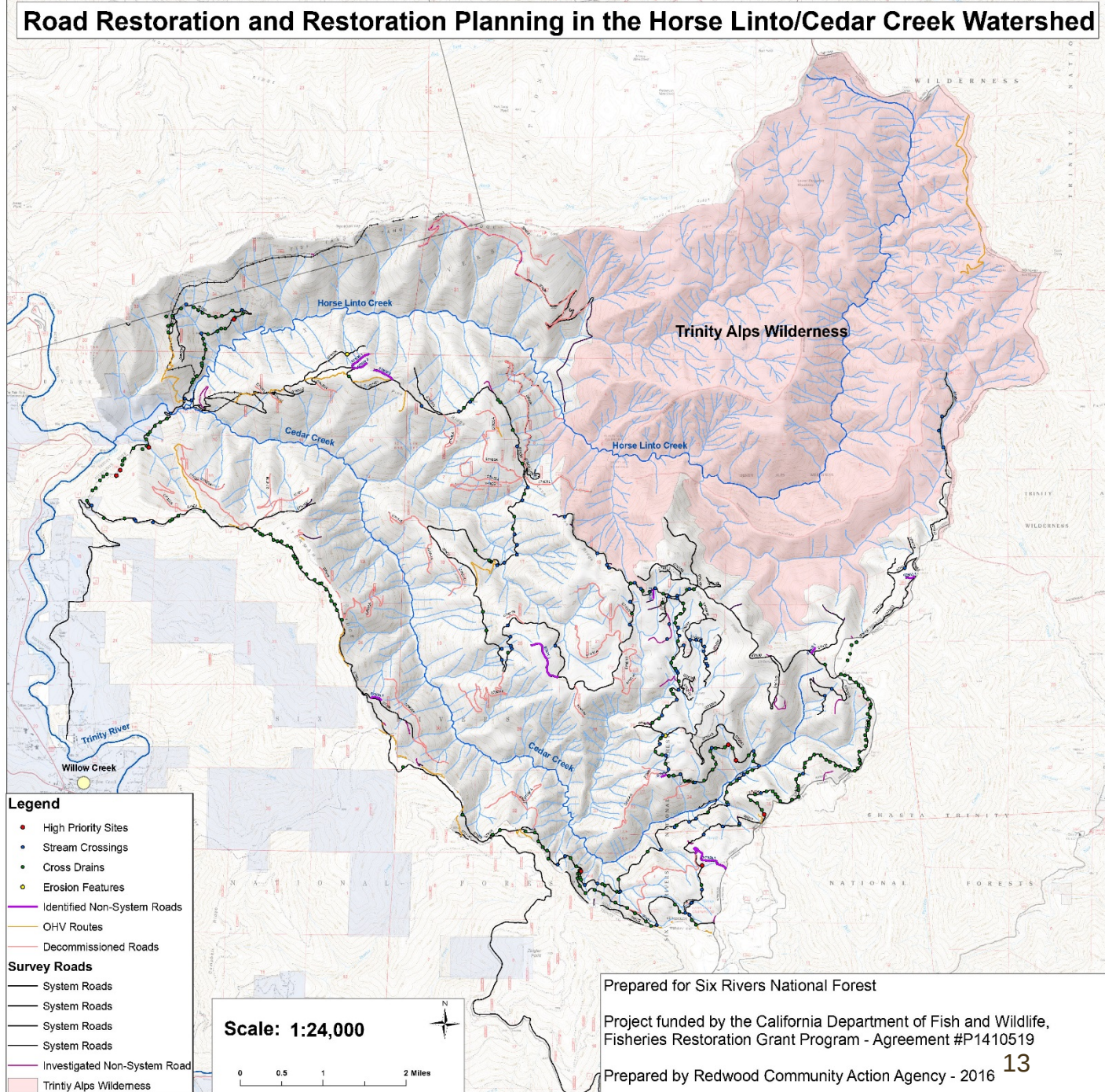
Trinity Timberlands Road Sediment Source Inventory

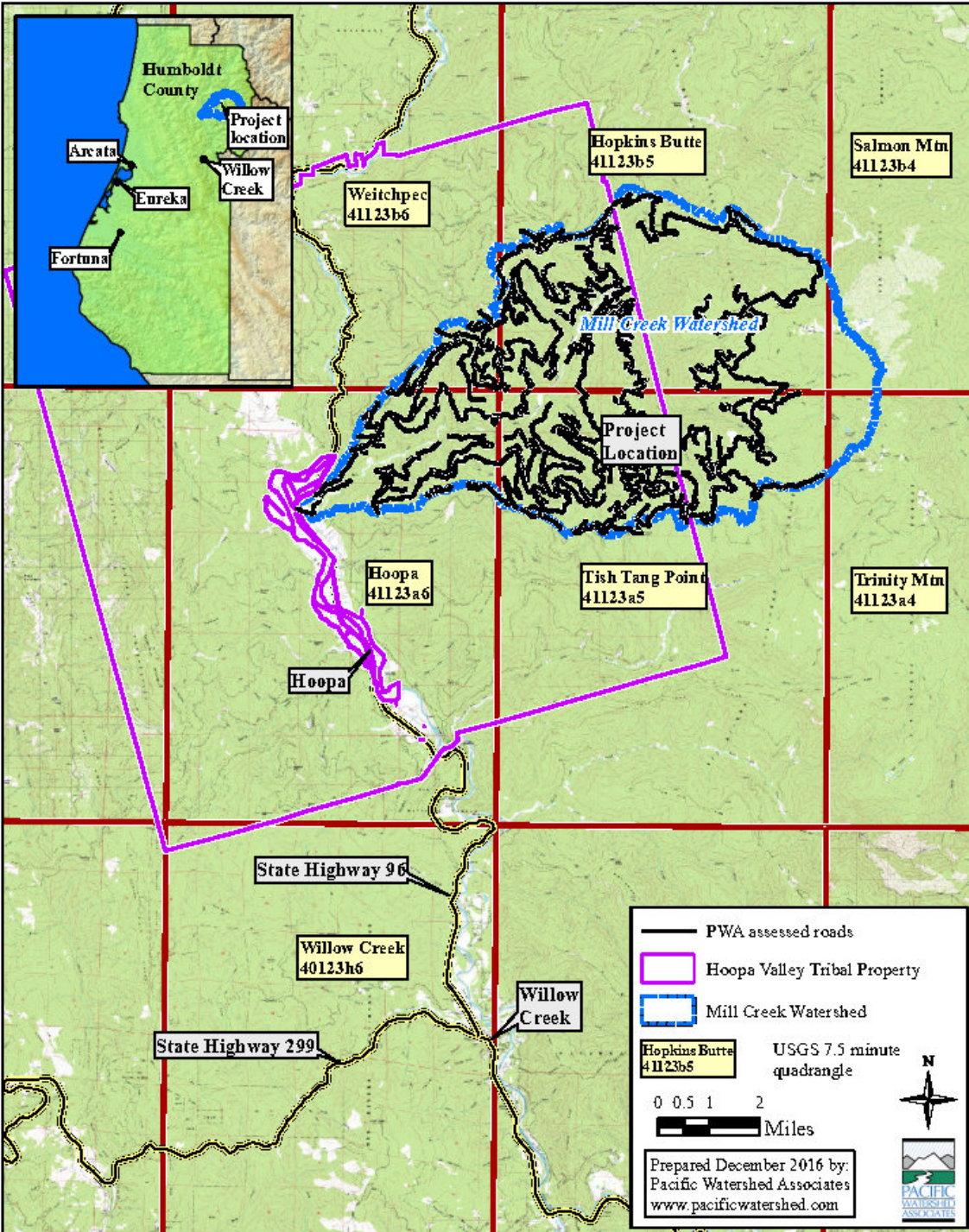
- 112 miles
- 393 features
- 12,926 cubic yards



Horse Linto

- 85 roads
- 345 features
- 630 cubic yards



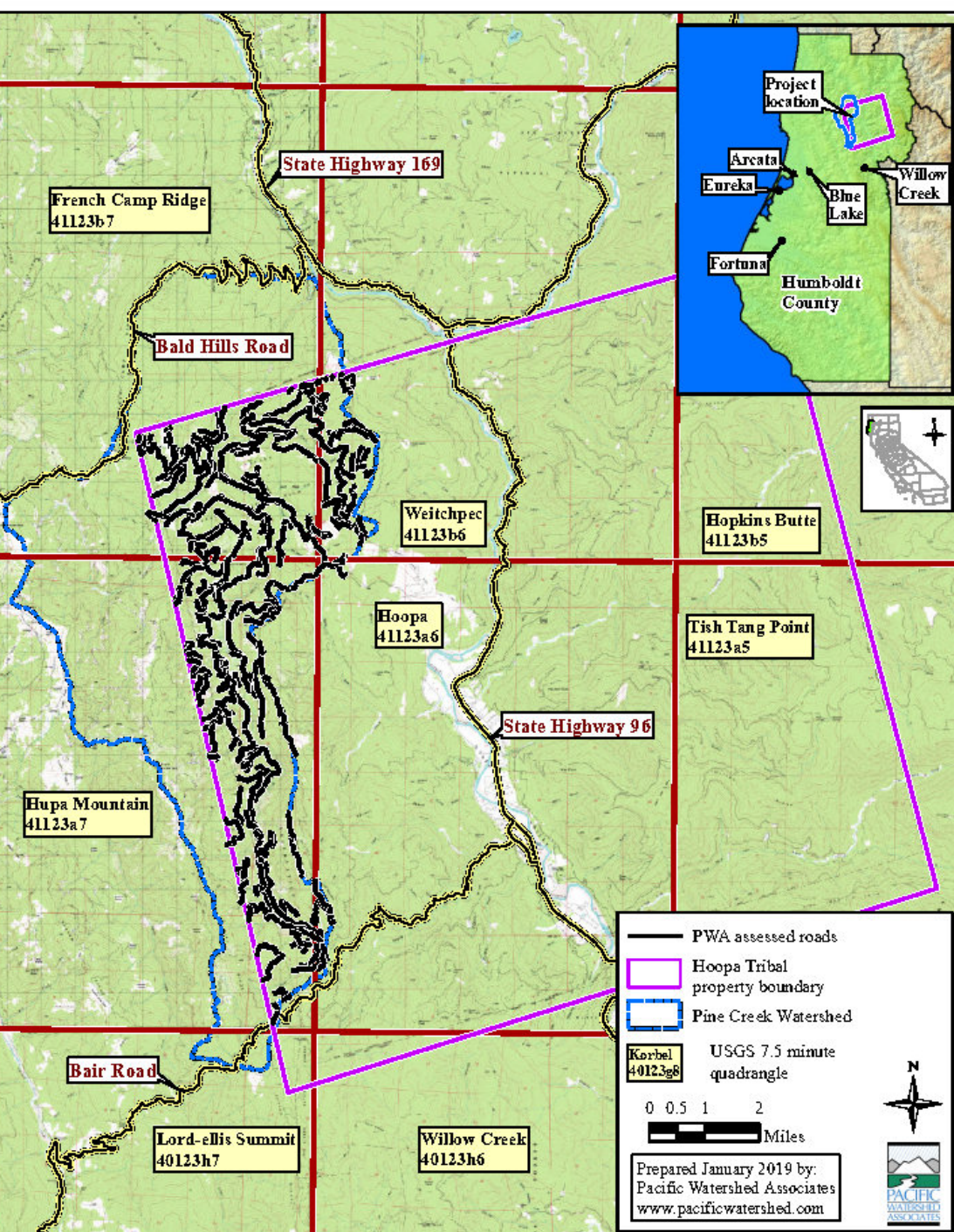


Mill Creek

- 185 miles
- 284 features
- 90,000 cubic yards

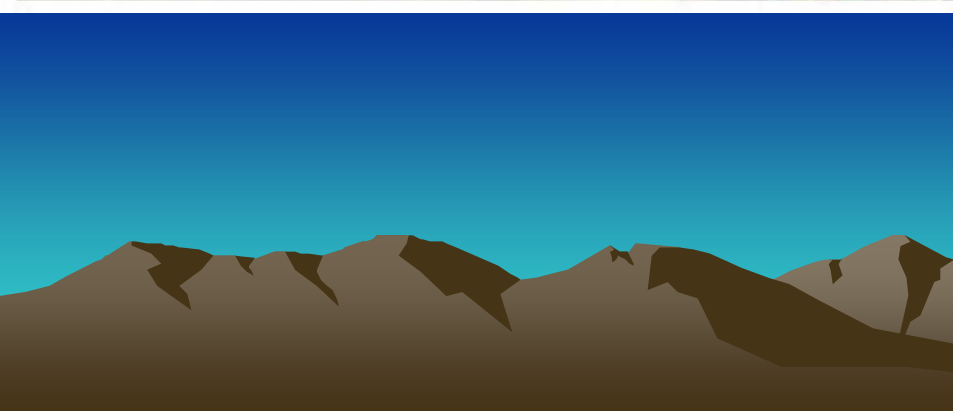
Pine Creek

- 108 miles
- 386 features
- 84,000 cubic yards



Sharber- Peckham

- 1.2 miles

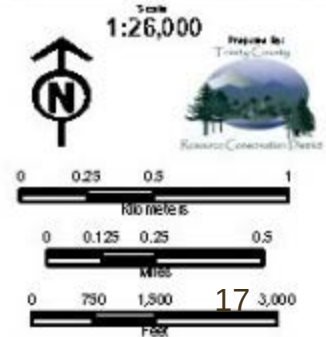


Prospect Creek Road Decommissioning All Work Sites

-  Work Sites
-  Project Roads
-  Wild-Mad Road (30 Road)
- Roads**
 -  Highway
 -  Paved
 -  Rocked
 -  Native
 -  Decommissioned
 -  Trail/Undrivable
- Streams**
 -  Perennial
 -  Intermittent
 -  Ephemeral



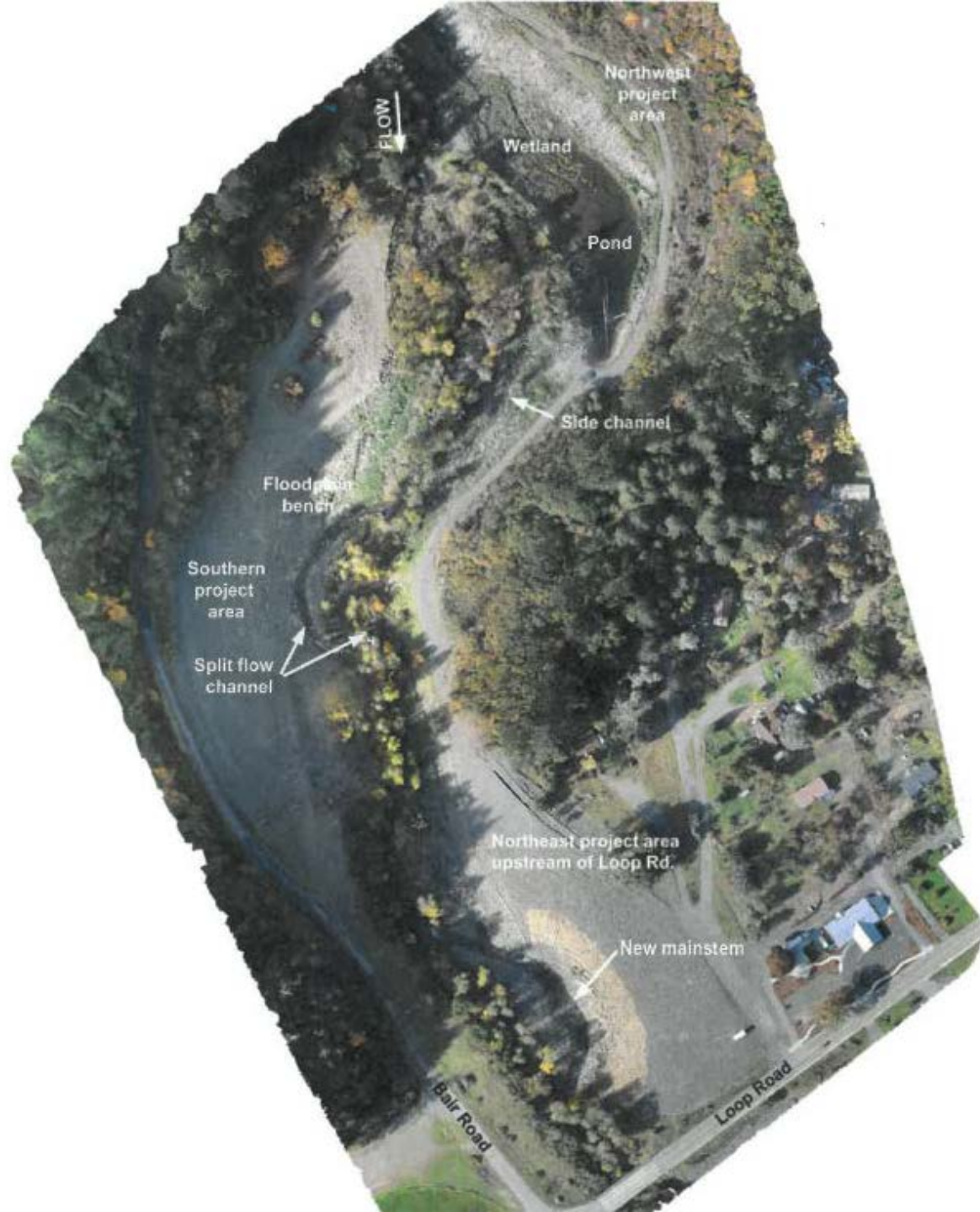
Pony Buck Peak and Smoky Creek Quads



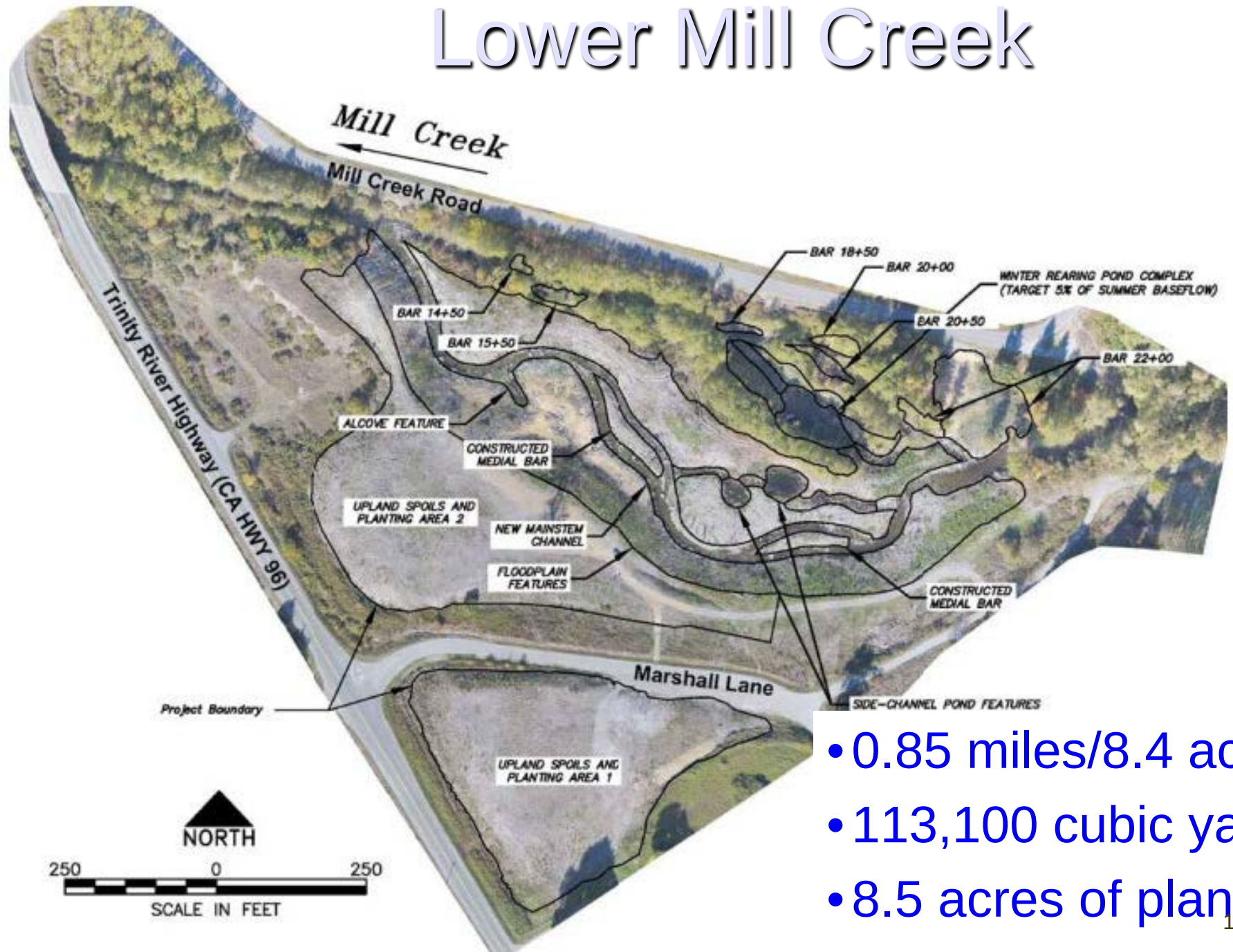
- 5 roads
- 5.72 miles
- 39 features
- 12,212 cubic yards

Supply Creek

- 113,000 cubic yards removed
- 0.58 miles off-channel
- 30 pools
- 268 rootwads and large wood pieces
- 8.9 acres planted with 5,020 plants



Lower Mill Creek



- 0.85 miles/8.4 acres
- 113,100 cubic yards
- 8.5 acres of planting

Proposal Solicitation Notice

Fisheries Habitat Restoration 2019 Proposal Solicitation Notice



Juvenile Coho Salmon
Photographer: Derek Acomb, CDFW

- March release
- 6 week open
- WebGrants
- Plan projects before release

March 5, 2019

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Questions for me?