

Prairie Creek Floodplain  
Restoration Phase 2

## Fig. 1 Project Location

L. Raine Leblanc | June 2021

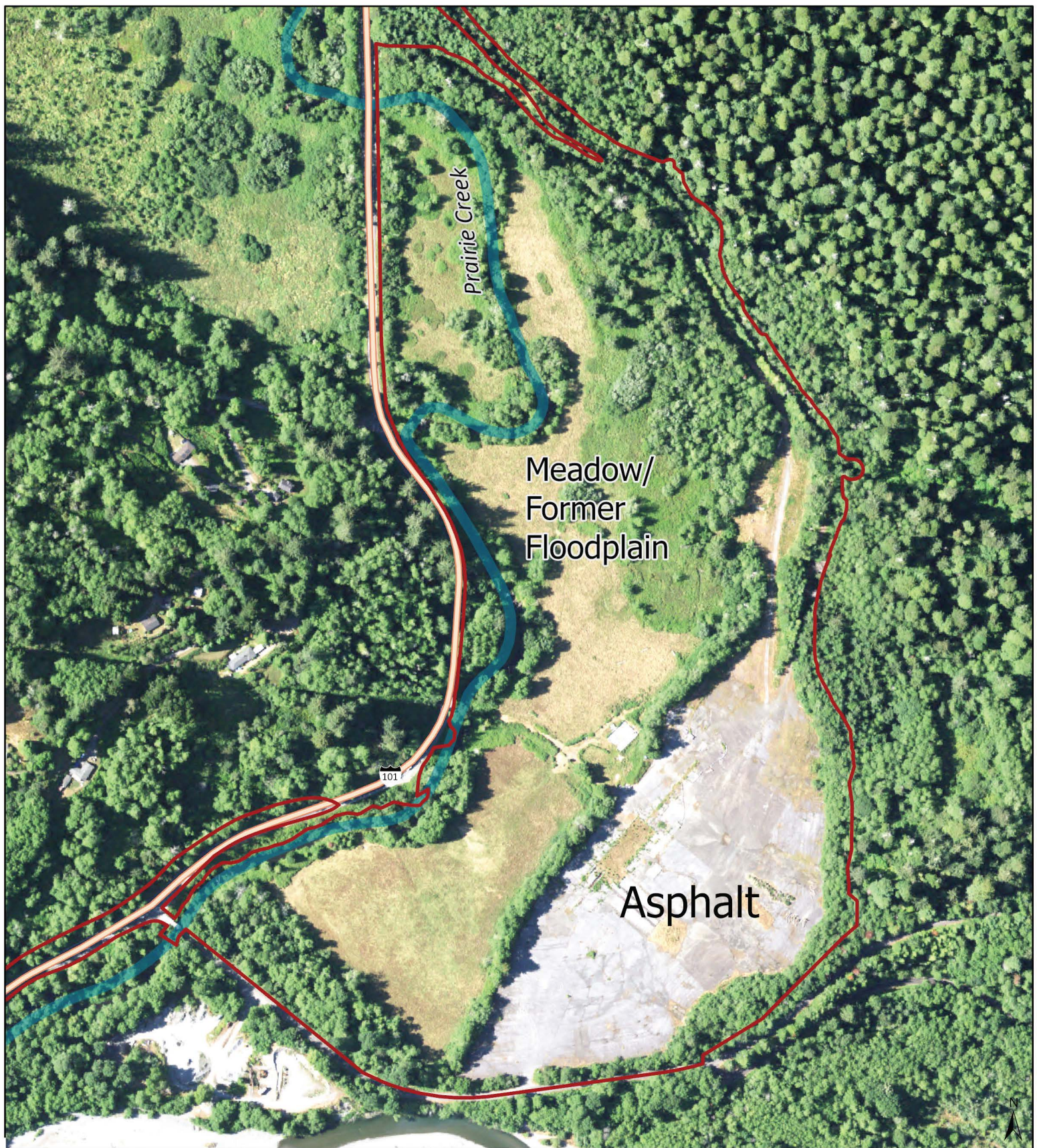
Sources: CDFW; McBain Associates; NHD; US Census

0 5 10 15 20 Miles

Projection: NAD1983 UTM Zone 10N

- Project Area
- Streams
- Highways
- Major Roads
- Protected Lands
- Prairie Creek Watershed
- Redwood Creek Watershed





0 310 620 1,240 Feet

Projection: NAD1983 UTM Zone 10N  
Imagery date: July 11, 2020

- Highway 101
- Prairie Creek
- Project Area



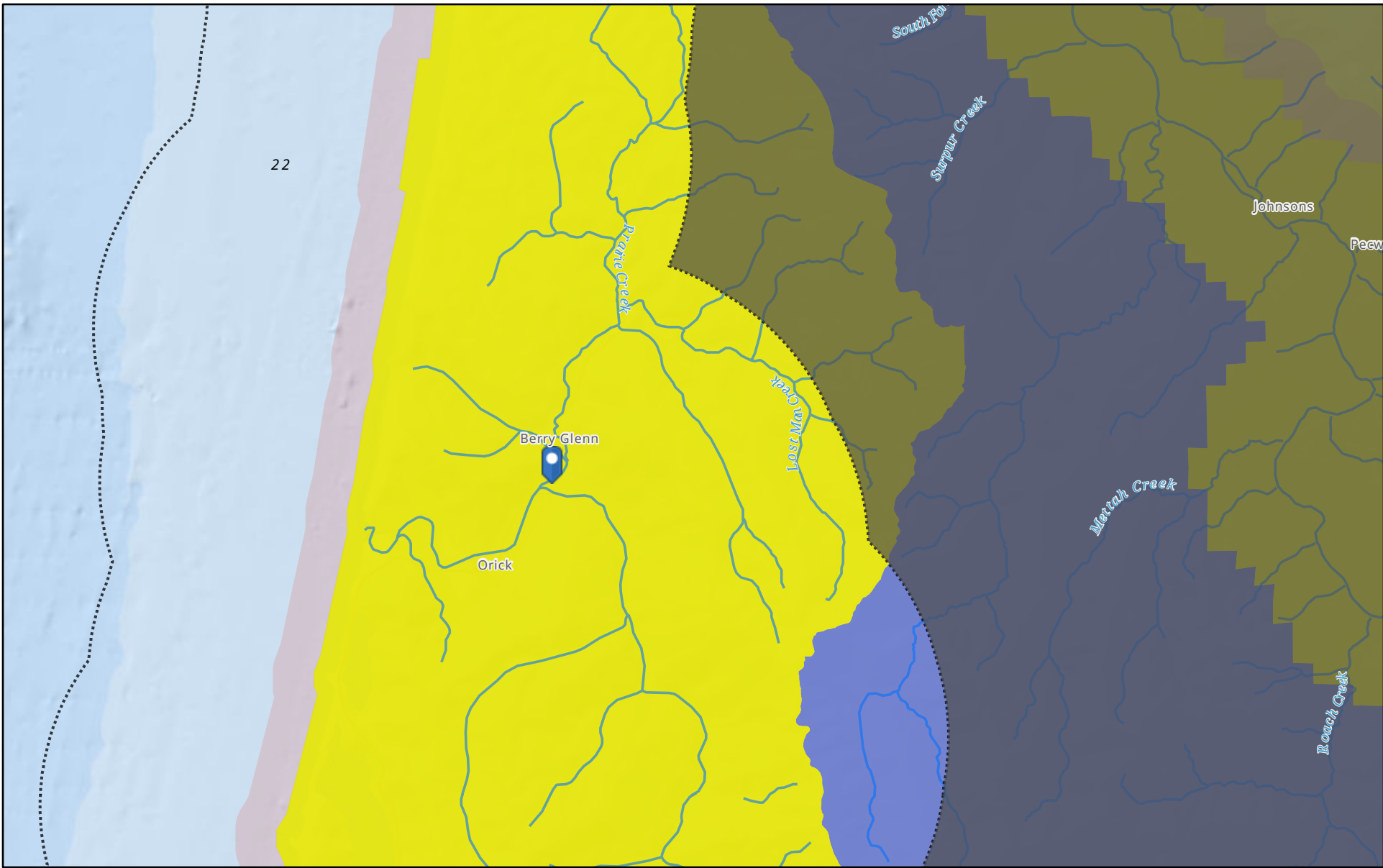
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## Fig. 2 Current Site Conditions

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Sources: CDFW; McBain Associates; NAIP; US Census



Figure 3: RNSPVCR Project - Phase I Year 1 Implementation - SDAC Map



4/15/2021, 3:54:54 PM

 3-mile Coastal Buffer

SP FactFinder (blockgroup data ACS2018 5yr)

— CWA Section 303(d) Impaired Waters

Disadvantaged

 Severely Disadvantaged

1:144,448

The image shows two horizontal number lines. The top number line is labeled with miles: 0, 0.75, 1.5, and 3 mi. The bottom number line is labeled with kilometers: 0, 1.5, 3, and 6 km. Both lines have tick marks every 0.375 miles (or 0.6 kilometers).

Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land

ArcGIS Web AppBuilder

CSUMB, Esri, DeLorme, NaturalVue | OEHA, CalEPA | U.S. Bureau of Reclamation, California Department of Conservation, California Department of Fish and Game, California Department of Forestry and Fire Protection, National Oceanic and Atmospheric





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# Fig. 4 Site Location

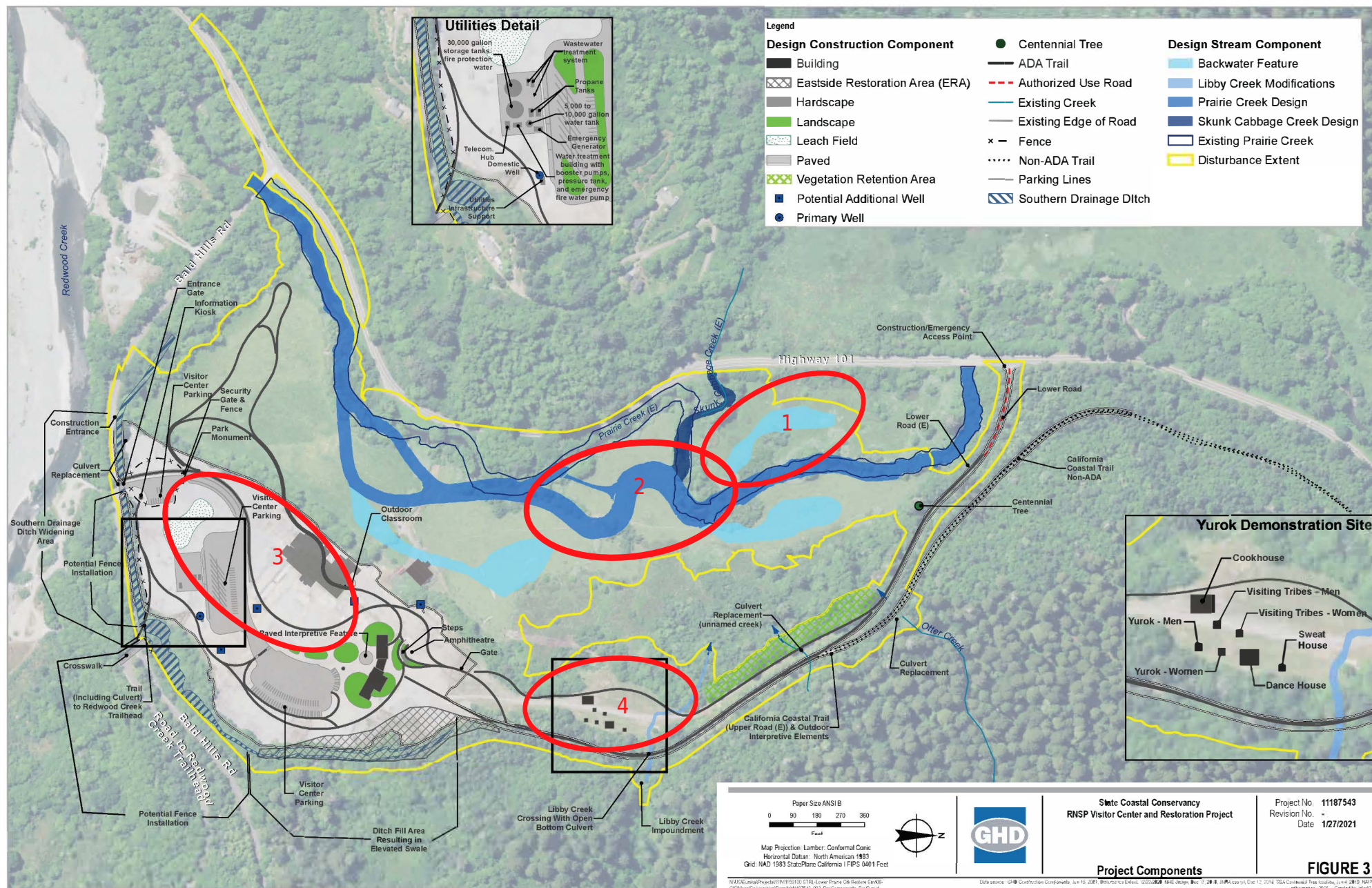
L. Raine Leblanc | June 2021  
Sources: CDFW; McBain Associates; NAIP; NHD; US Census



Projection: NAD1983 UTM Zone 10N  
Imagery date: July 11, 2020

- Prairie Creek
- Highway 101
- Project Area
- Thomas H. Kuchel Visitor Center
- Redwood Creek Picnic Area

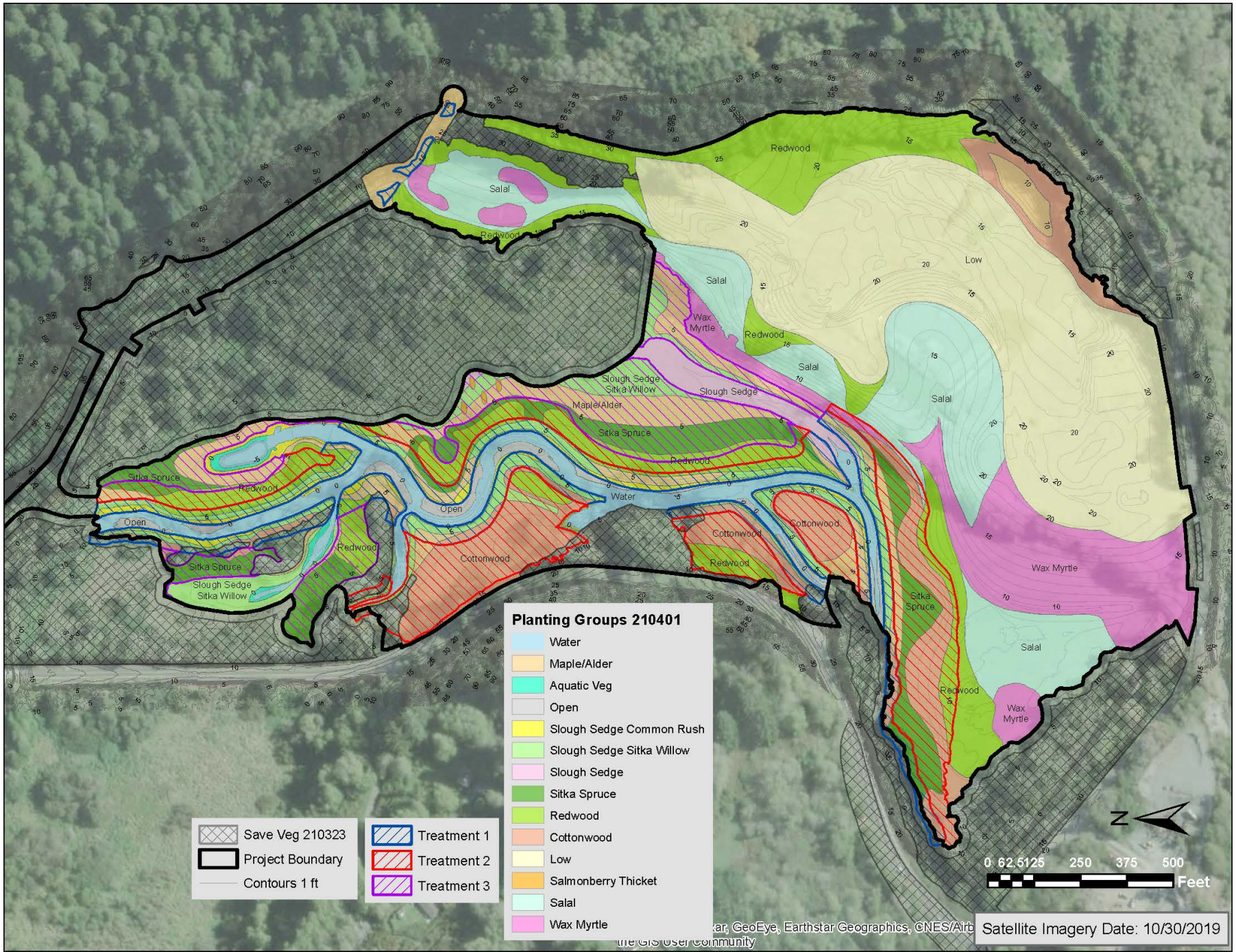




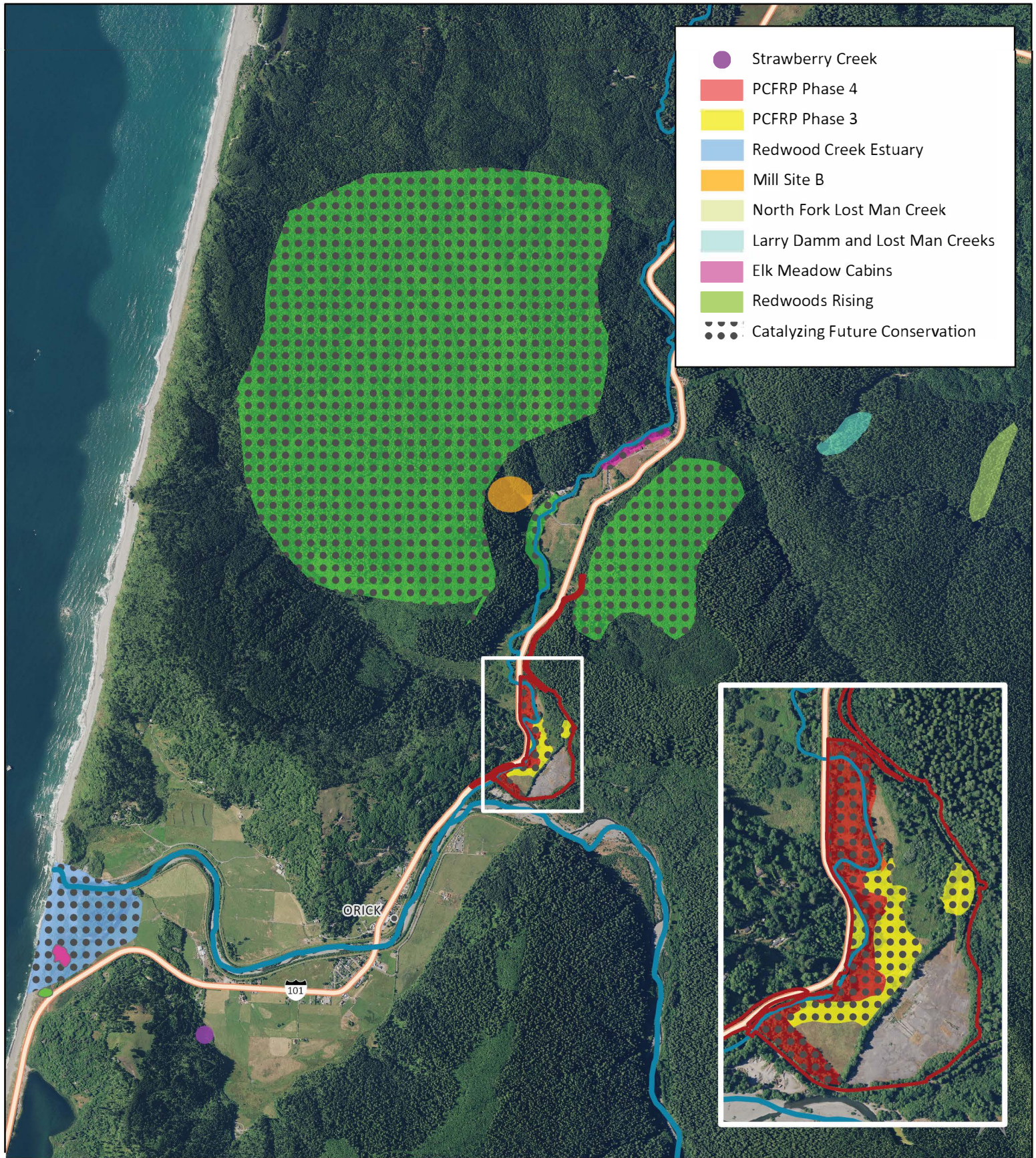
1-Northwest Pond (1.1 acre); 2-Creek Meander (800 ft); 3-Asphalt Removal and fill (4 acres with OPC funding); 4-Yurok village site (fill).



Figure 6-  
RNSPVCR Project  
Implementation Phases  
  
(White indicates P1Y2 -  
OPC funding)





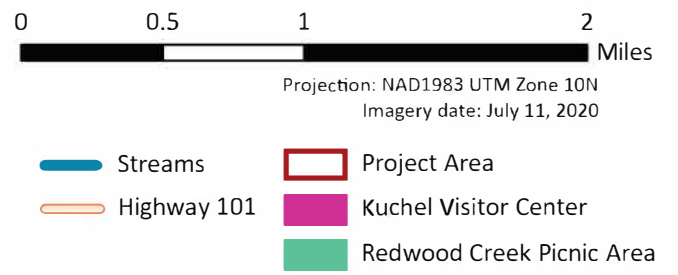


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**Fig. 7 Relation to Other Projects & Catalyzing Future Conservation**

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Sources: CDFW; NHD; US Census





The restoration of Prairie Creek 3.5-miles upstream effectively provides rearing habitat at the lowest feasible location in the watershed.

This lower section of Prairie Creek is accessible to fish that spawn in Redwood Creek, which has higher water temperatures and more water quality impairments. Thus, the project site will be able to improve salmonid habitat for the *entire* 282-square-mile Redwood Creek watershed.



### Remnant Redwood Creek Estuary

Estuarine habitat at the mouth of Redwood Creek is transitory and limited in extent, and fish rearing habitat in the estuary has been reduced by up to 75% from its historic extent.

### Current Visitor Center in former estuary

Flooding of the current Redwood National and State Park visitor center is problematic and likely to get worse. The restoration of Prairie Creek is part of a larger project to build a new visitor center on the same property. Once complete, estuary restoration will become more possible.

Photo 1