

Wildlife Conservation Board Meeting

August 30, 2018, 10:00am

Natural Resources Building, First Floor Auditorium

1416 9th Street, Sacramento, California 95814



WILDLIFE CONSERVATION BOARD (3640) P-68 ROLLOUT PLAN

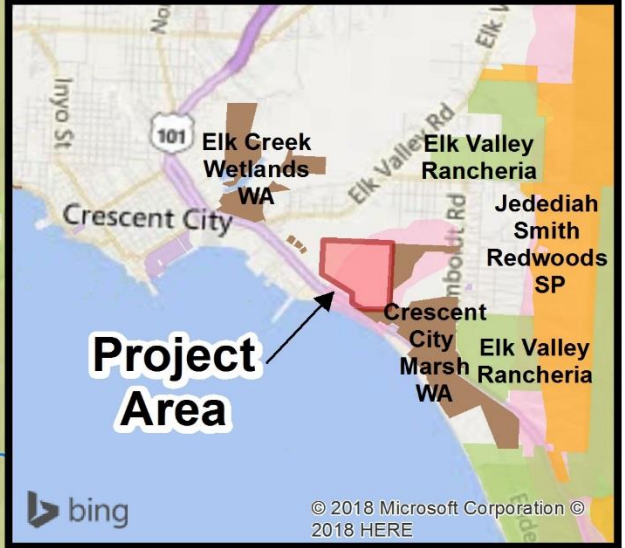


Wildlife Conservation Board (3640) P-68 Rollout Plan						
\$ in thousands)					FY 2018-19	
Chapter	Bond Section	Agency	Program	Bond Allocation	Local Assistance	State Operations
7	80100(a)(3)	WBC	Lower American River Conservancy Program	\$10,000	\$2,000	\$37
8	80111(a-d)	WBC		\$137,000	\$39,000	\$515
			(a) Specified Purposes + Regional Conservation Investment Strategies	\$5,000	\$2,000	
			(b) NCCP Implementation	\$52,000	\$26,000	
			(c) UC Natural Reserve System	\$10,000	\$4,000	
			(d) WCB Governing Statutes	\$70,000	\$7,000	
10	80132(a)	WBC	Direct Expenditures and Grants Pursuant to Wildlife Conservation Law of 1947 -Competitive Grants	\$18,000	\$10,000	\$0
	80132(c)	WBC	Pacific Flyway Habitat Protection and Restoration	\$20,000	\$0	\$75
	80132(e)(1)	WBC	Wildlife or Fish Passage - Competitive Grants	\$30,000	\$10,000	\$113
	80132(f)	WBC	Sierra Nevada and Cascade Mountains -Competitive Grants	\$60,000	\$10,000	\$113
				\$275,000	\$71,000	\$853



- Project Area
- TNC Conservation Priority Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other

Project Site



Project Area

**Crescent City Marsh Wildlife Area
Expansion 2
Del Norte County**



WCB
State of California
Wildlife Conservation Board

4 Miles

7 WCB 8/30/2018

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#7. Crescent City Marsh WA, Expansion 2



Aerial view of Marsh and surrounding area

#7. Crescent City Marsh WA, Expansion 2



Typical forested wetland found throughout the property

#7. Crescent City Marsh WA, Expansion 2



A Sitka Spruce snag on the property showing signs of wildlife activity

#7. Crescent City Marsh WA, Expansion 2

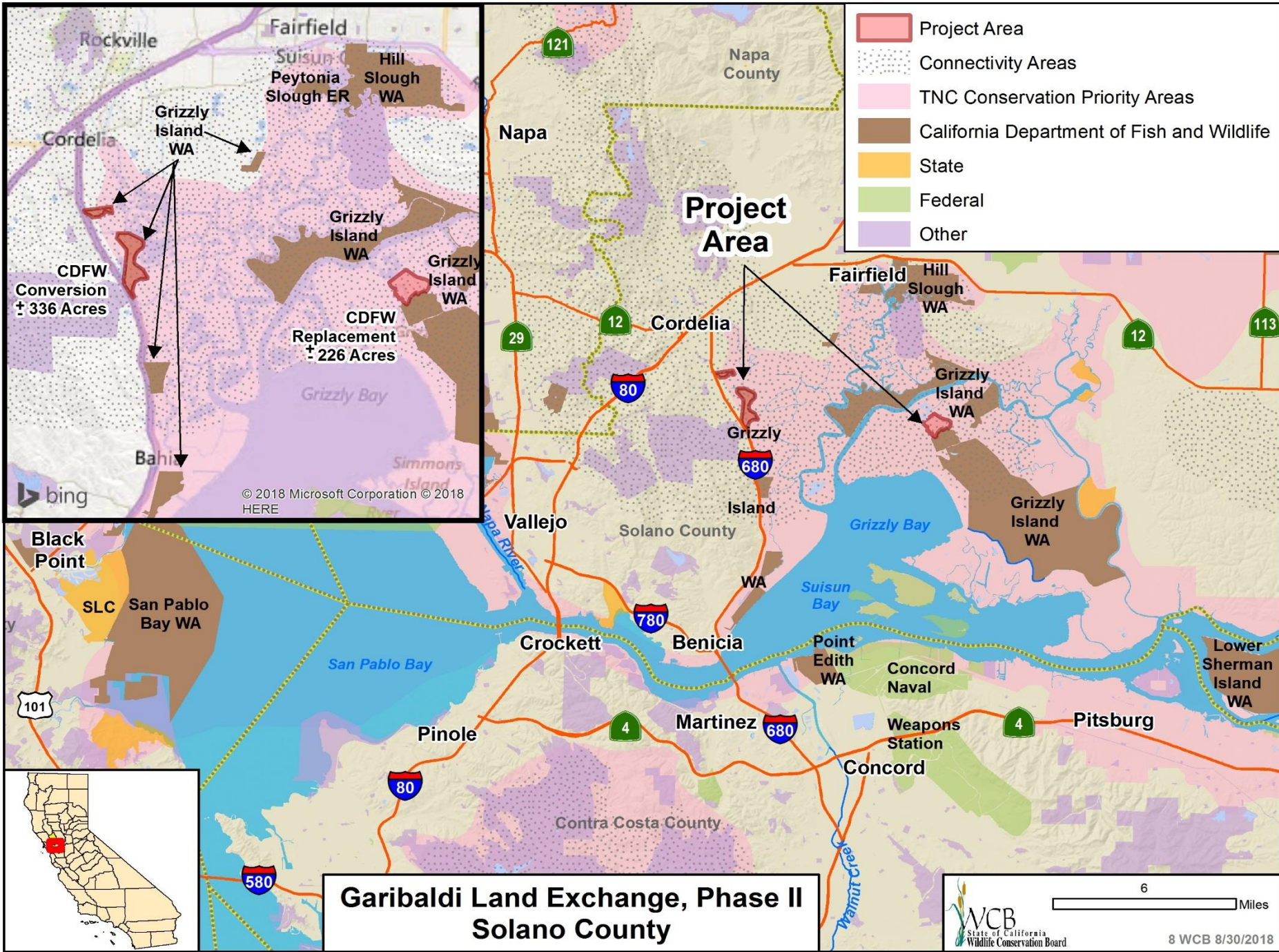


Picture taken from the edge of the Sitka Spruce stand looking out towards the wetland area of the property

#7. Crescent City Marsh WA, Expansion 2



A 125 year old Sitka
Spruce



#8. Garibaldi Land Exchange, Phase II



Long Point property – lateral ditch that conveys water from Tree Slough.

#8. Garibaldi Land Exchange, Phase II



Long Point property – westerly view

#8. Garibaldi Land Exchange, Phase II



Long Point property – northwesterly view

#8. Garibaldi Land Exchange, Phase II



Long Point property – southwesterly view

#8. Garibaldi Land Exchange, Phase II

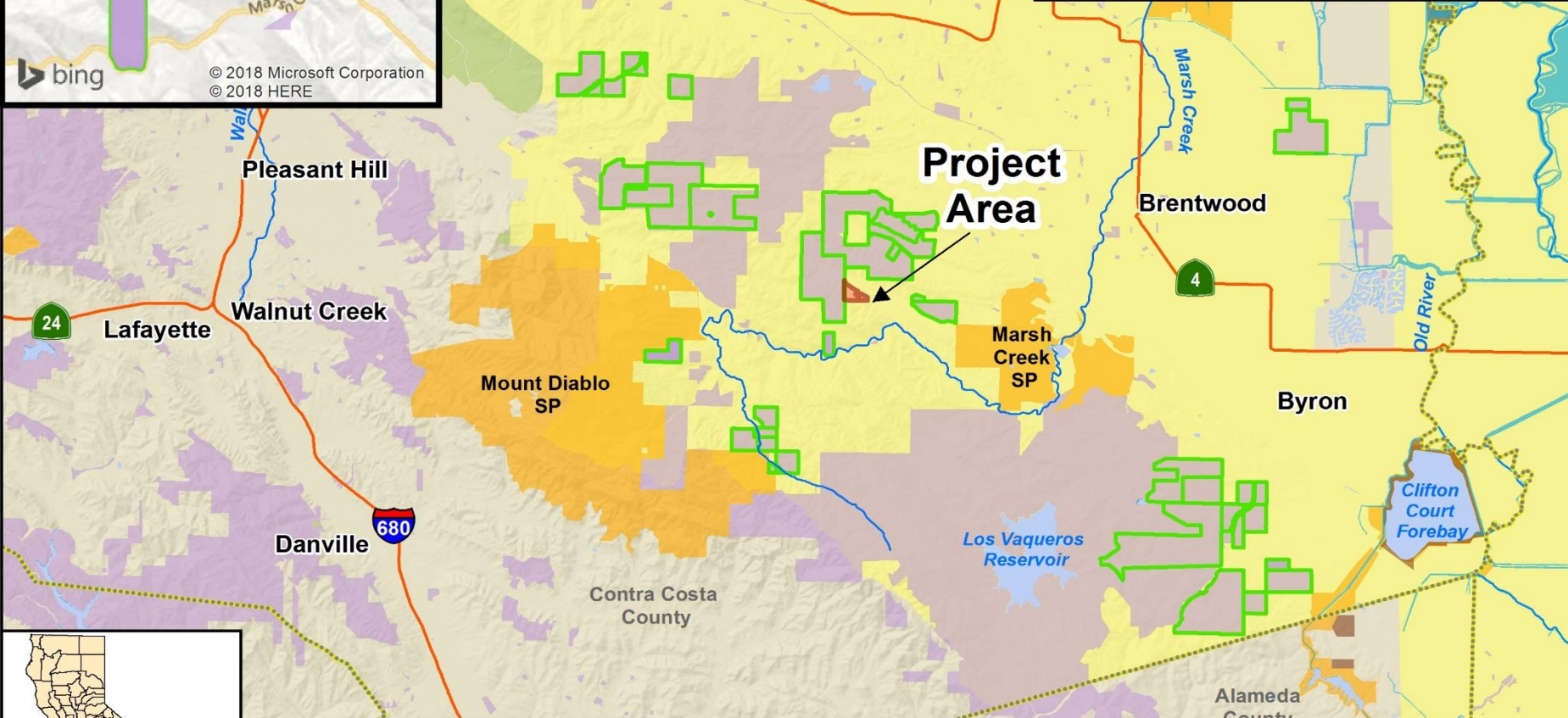
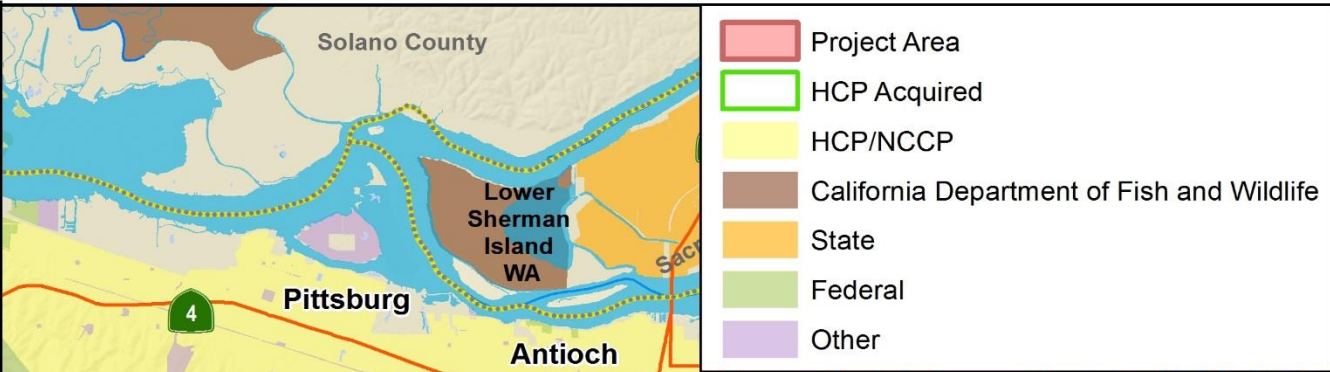
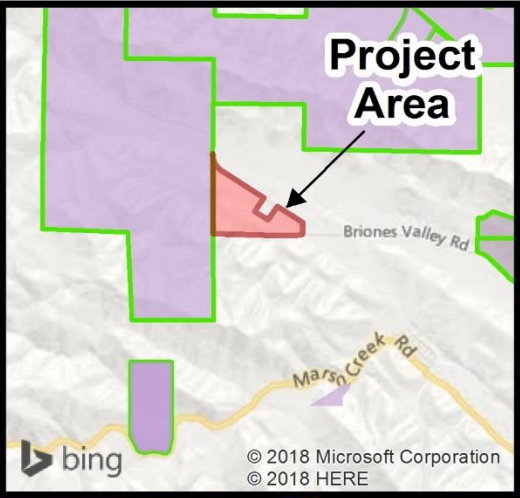


Easterly view of Garibaldi property

#8. Garibaldi Land Exchange, Phase II



Westerly view of Garibaldi property



**East Contra Costa County HCP/NCCP
(Poppi/Halstead)
Contra Costa County**

#9. East Contra Costa County HCP/NCCP (Poppi/Halstead)



View just south of Briones Valley Road looking south onto the property.

#9. East Contra Costa County HCP/NCCP (Poppi/Halstead)



View from the property looking in a northeast direction.

#9. East Contra Costa County HCP/NCCP (Poppi/Halstead)



View looking east across the property.

#9. East Contra Costa County HCP/NCCP (Poppi/Halstead)

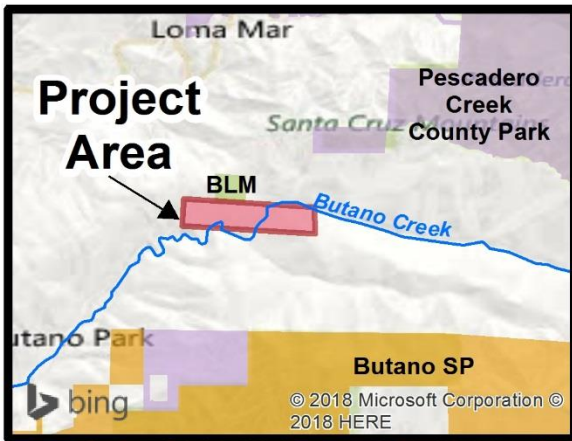


Oak trees on the southwestern portion of the property.

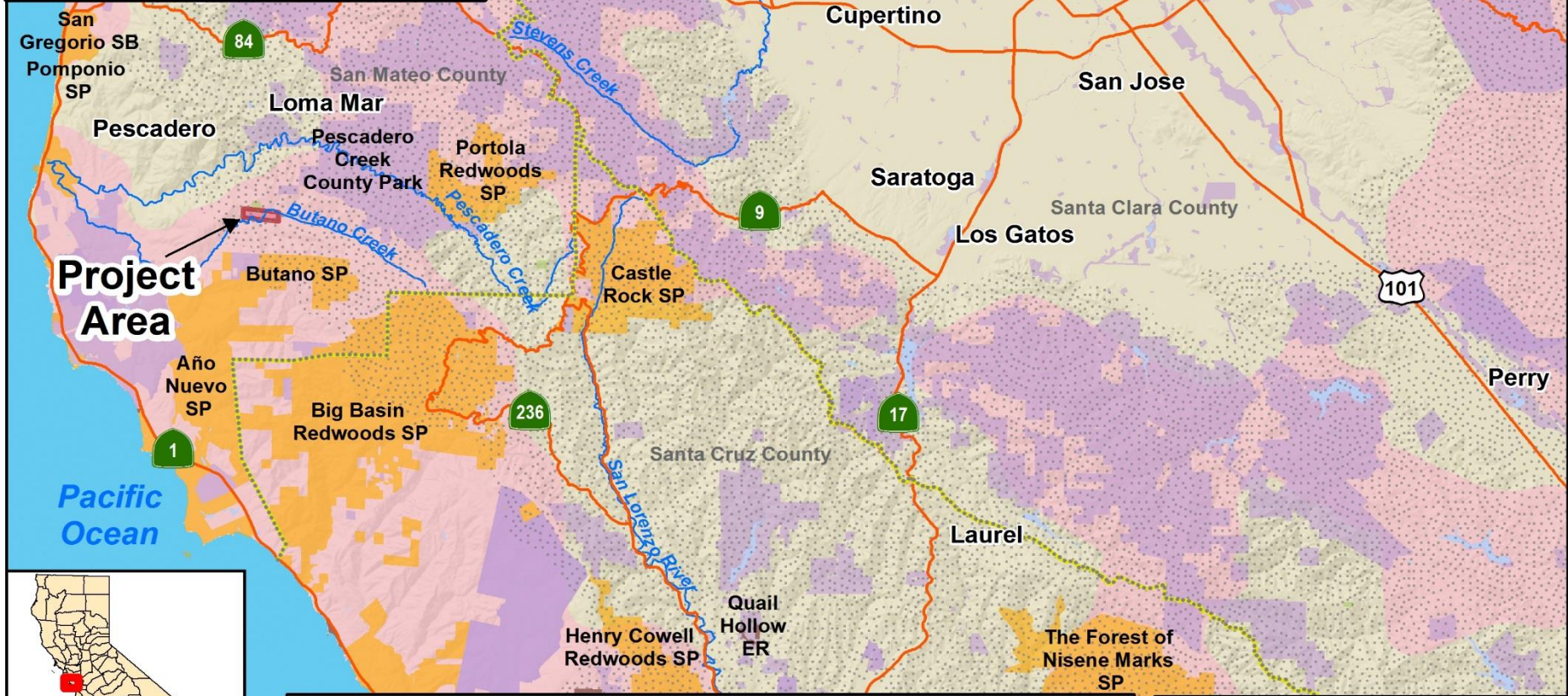
#9. East Contra Costa County HCP/NCCP (Poppi/Halstead)



View looking northwest across Briones Valley at the ridgeline.



- Project Area
- Connectivity Areas
- TNC Conservation Priority Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other



**Sinnott Parcel - OSPR Oil Mitigation Fund Project
San Mateo County**

WCB
State of California
Wildlife Conservation Board

6 Miles

10 WCB 8/30/2018

#10. Sinnott Parcel – OSPR Oil Mitigation Fund Project



Upland conifer forest in a previously harvested area near the northeast of the Property.

#10. Sinnott Parcel – OSPR Oil Mitigation Fund Project



Riparian habitat along the North Fork Butano Creek near the center of the Property.

#10. Sinnott Parcel – OSPR Oil Mitigation Fund Project



Riparian habitat along the North Fork Butano Creek near the center of the Property.

#10. Sinnott Parcel – OSPR Oil Mitigation Fund Project

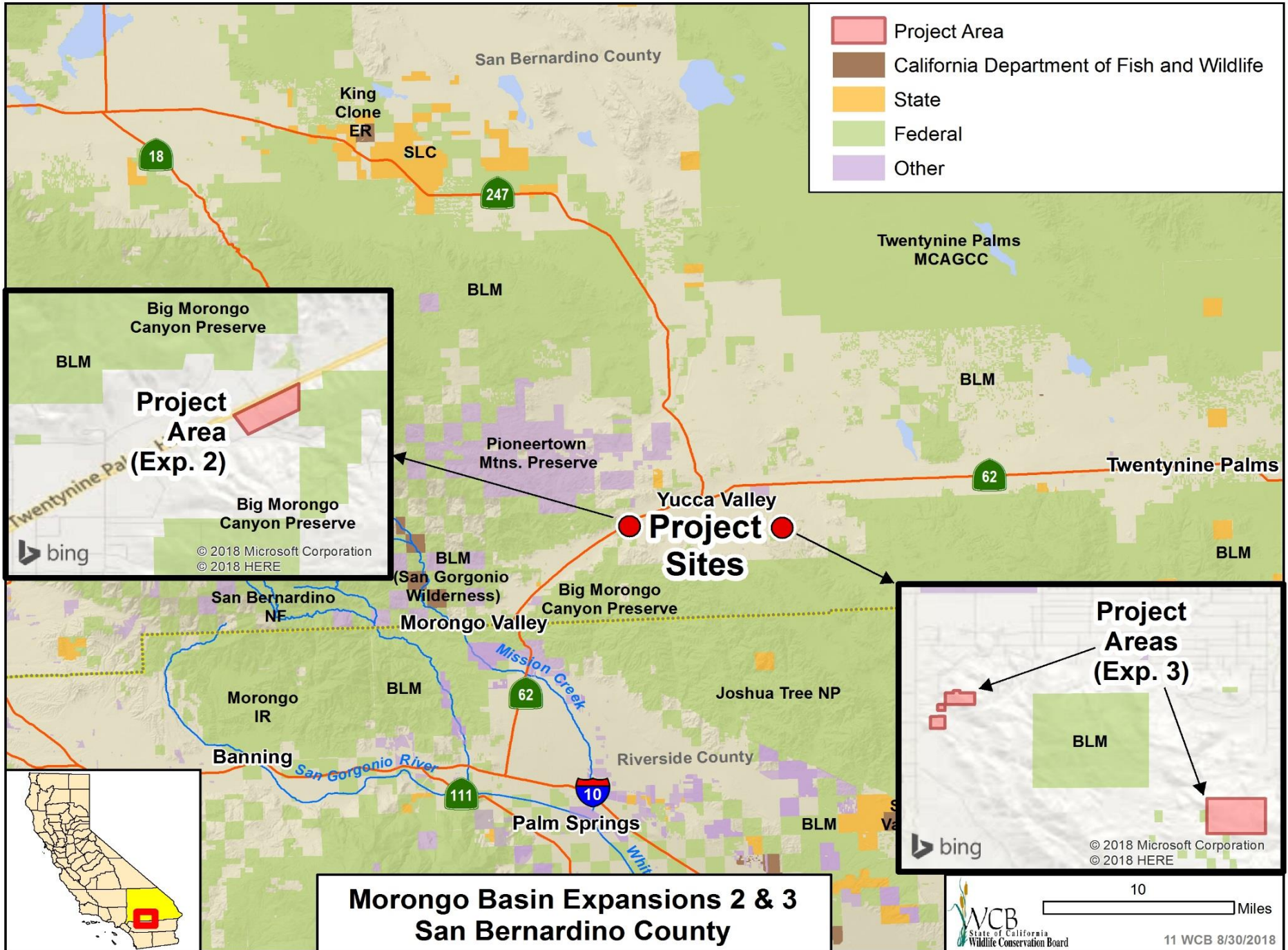


Aerial photo looking north across the center of the Property along Butano Creek. Photo courtesy of Sempervirens Fund.

#10. Sinnott Parcel – OSPR Oil Mitigation Fund Project



Large, late-seral redwoods along Butano Creek in the southwest portion of the Property.



- Project Area
- California Department of Fish and Wildlife
- State
- Federal
- Other

Big Morongo Canyon Preserve

BLM

Project Area (Exp. 2)

Big Morongo Canyon Preserve

bing

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Project Areas (Exp. 3)

BLM

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Morongo Basin Expansions 2 & 3 San Bernardino County

#11. Morongo Basin Expansions 2 & 3



Portillo property looking Northeast from APN 0589-301-01. Typical rocky desert hills with Morongo Basin in background.

#11. Morongo Basin Expansions 2 & 3



Portillo property looking northwest from APN 0588-121-55, showing typical Joshua Tree habitats on the project area.

#11. Morongo Basin Expansions 2 & 3

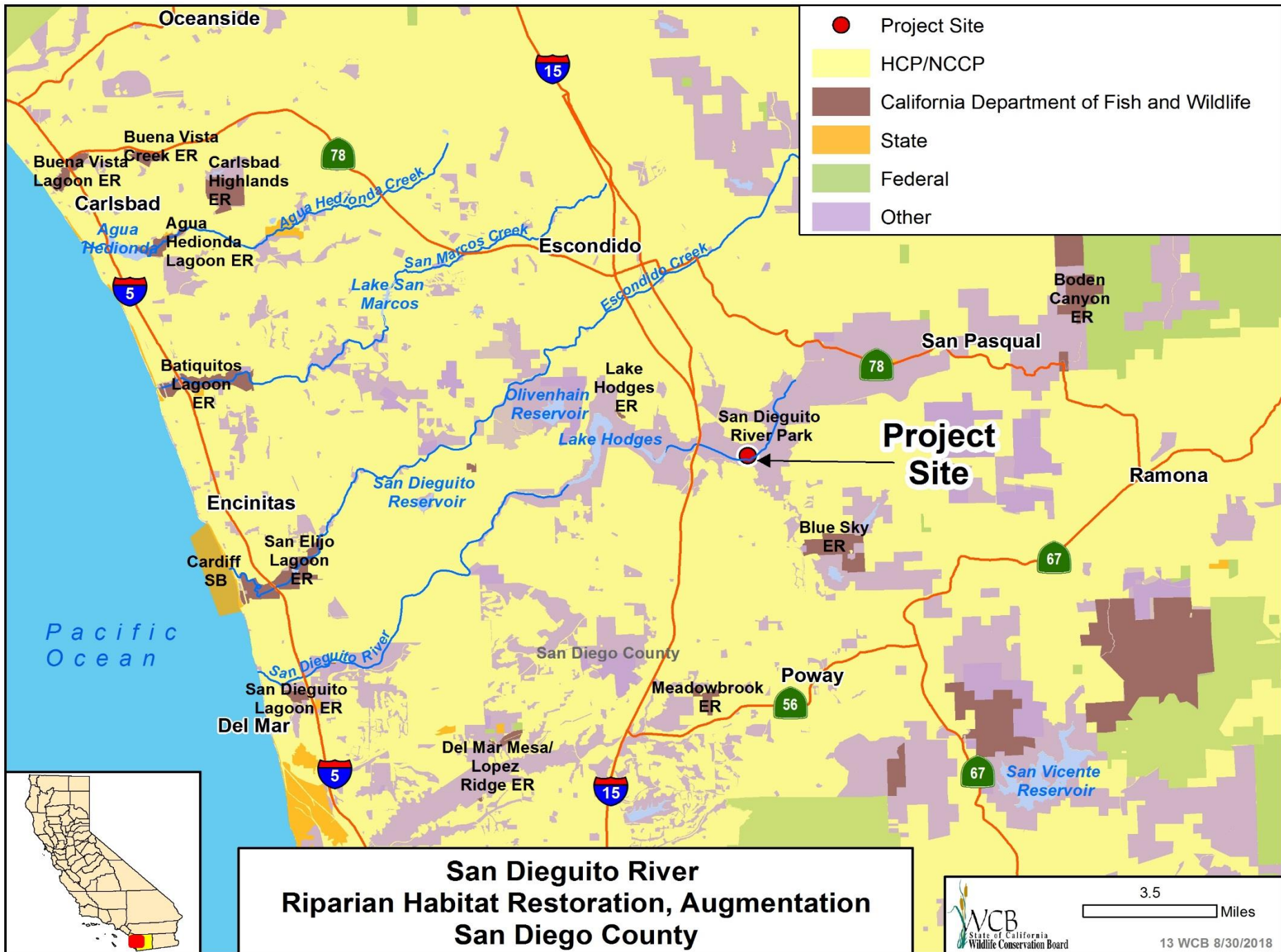


Harrington property photo taken from APN 0585-242-01, looking northeast. Typical Joshua Tree desert habitat found on the property.

#12. Jamul Creek Watershed Riparian Restoration, Augmentation



This item has been withdrawn from consideration at this time.



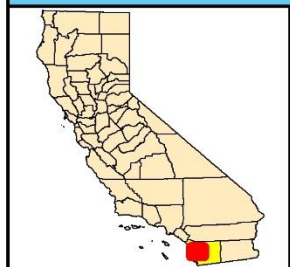
- Project Site
- HCP/NCCP
- California Department of Fish and Wildlife
- State
- Federal
- Other

**San Dieguito River
Riparian Habitat Restoration, Augmentation
San Diego County**

WCB
State of California
Wildlife Conservation Board

3.5
Miles

13 WCB 8/30/2018



#13. San Dieguito River Riparian Habitat Restoration, Augmentation



View looking east toward watershed headwaters, with
invasive weeds in foreground.

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



View looking south toward southern boundary.

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Salt cedar stumps

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Mulched salt cedar

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Medium size salt cedar mulch pile

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Treated perennial pepperweed

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Project area after site prep

#13. San Dieguito River Riparian Habitat Restoration, Augmentation



Salt cedar stumps



- Project Site
- TNC Conservation Priority Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other

Project Site

**Lake Earl Wildlife Area
Estuary Dunes Restoration
Del Norte County**



WCB
State of California
Wildlife Conservation Board

4

Miles

14 WCB 8/30/2018

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration



Aerial view of the greater Lake Earl area.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration

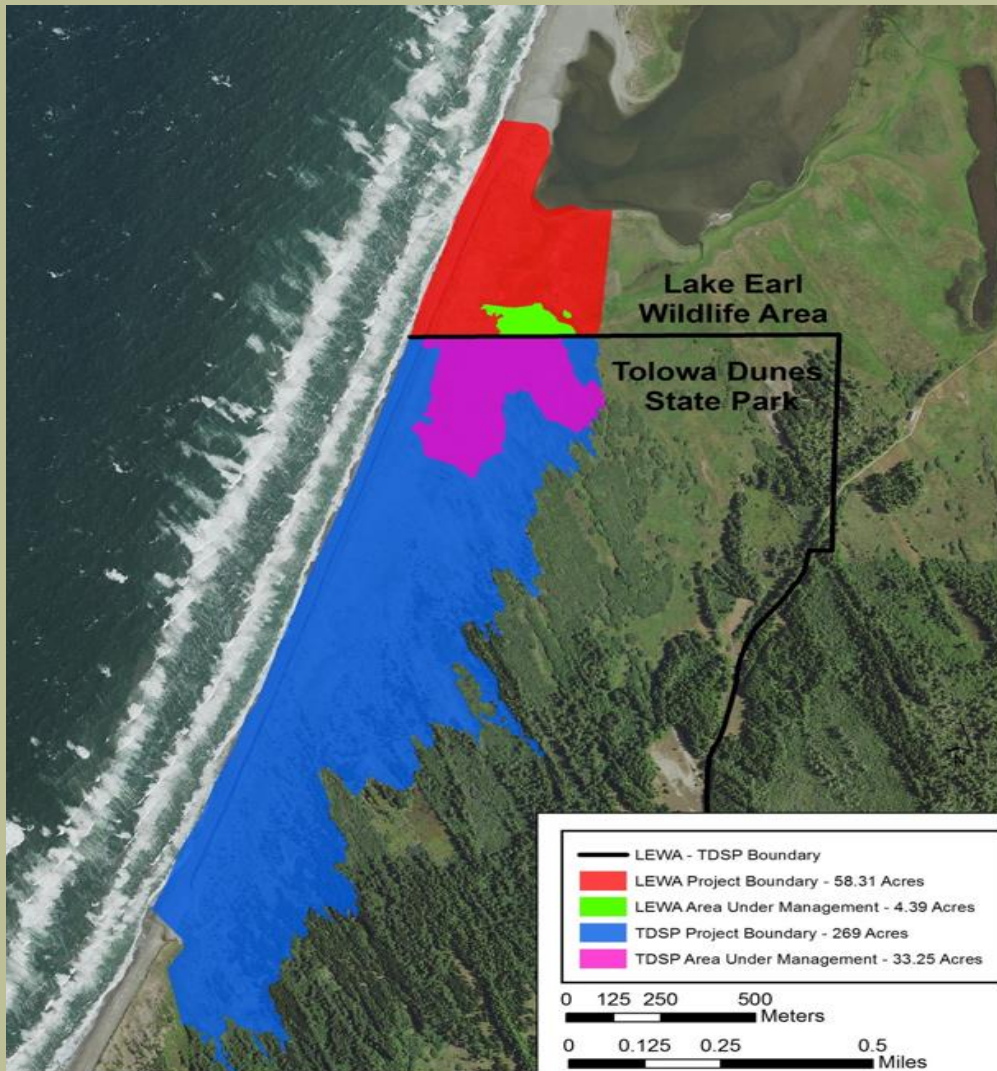


Project Area Overview



Project Area Overview

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration



Project area for both Lake Earl Wildlife Area and Tolowa Dunes State Park.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration



Tolowa Dune Stewards working with Del Norte County's Youth Training and Sierra Service Project to remove European beachgrass in the project area.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration



Restored dune habitat displaying native dune mat species beach buckwheat, beach primrose, beach morning glory and seaside daisy.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration



Restored area State Parks property with a youth group in the distance removing European beachgrass in the distance.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration








Looking north along the shores of Lake Tolowa.

#14. Lake Earl Wildlife Area, Estuary Dunes Restoration




Google Earth imagery showing advancement of European beachgrass into the open sand bar since 1993.



-  Project Area
-  California Department of Fish and Wildlife
-  State
-  Federal
-  Other

Project Area

**Willow Creek Wildlife Area
Meadow Enhancement
Lassen County**



6.5 Miles

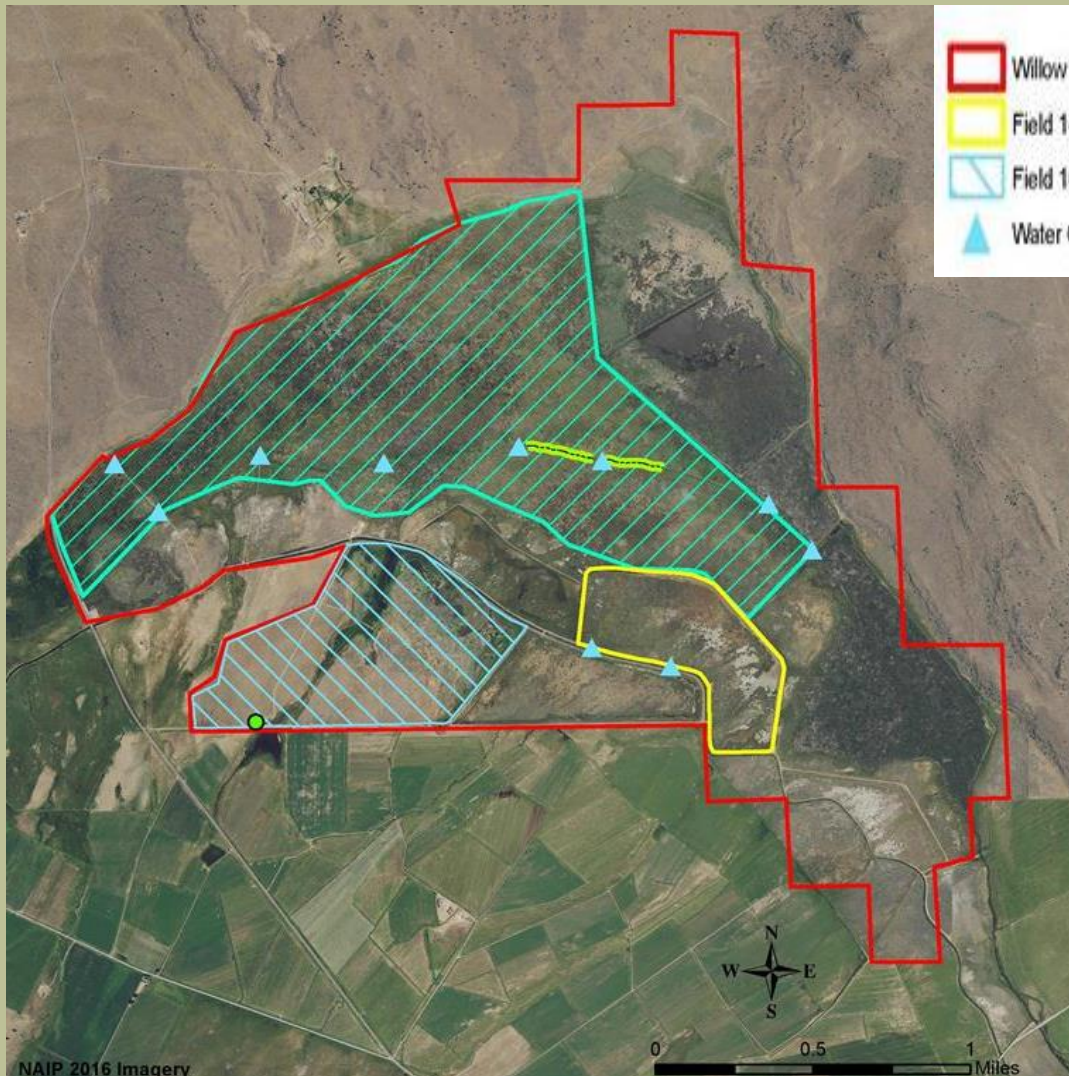
15 WCB 8/30/2018

#15. Willow Creek Wildlife Area Meadow Enhancement



Overview looking south onto Willow Creek Wildlife Area

#15. Willow Creek Wildlife Area Meadow Enhancement



- Willow Creek Wildlife Area
- Field 14 Wetlands Enhancement (NAWCA)
- Field 16/17 Irrigation Improvement (DFW/WCB)
- Water Control Structure Replace/Install (WCB/NAWCA)
- Wet Meadow Enhancement (WCB)
- Riparian Restoration (WCB)
- Well - Redrilled (DU)

General overview of work to be completed at Willow Creek Wildlife Area, showing Well, water control structures to be replaced, proposed field 16/17 irrigation improvement, field 14 wetlands enhancement, and area for Riparian Restoration

#15. Willow Creek Wildlife Area Meadow Enhancement



Irrigation capabilities for the Willow Creek floodplain and meadow will be improved by the project.

#15. Willow Creek Wildlife Area Meadow Enhancement



Old corrugated metal half-round risers will be replaced with new precast concrete twin-track weirs and high-density polyethylene pipe to improve irrigation capabilities.

#15. Willow Creek Wildlife Area Meadow Enhancement



Old corrugated metal pipe culverts will be replaced with new pre-cast concrete twin-track weirs and high-density polyethylene pipe to improve irrigation capabilities.

#15. Willow Creek Wildlife Area Meadow Enhancement



Select areas along the Willow Creek channel will be planted with willow cuttings to re-establish willow riparian habitat along Willow Creek.

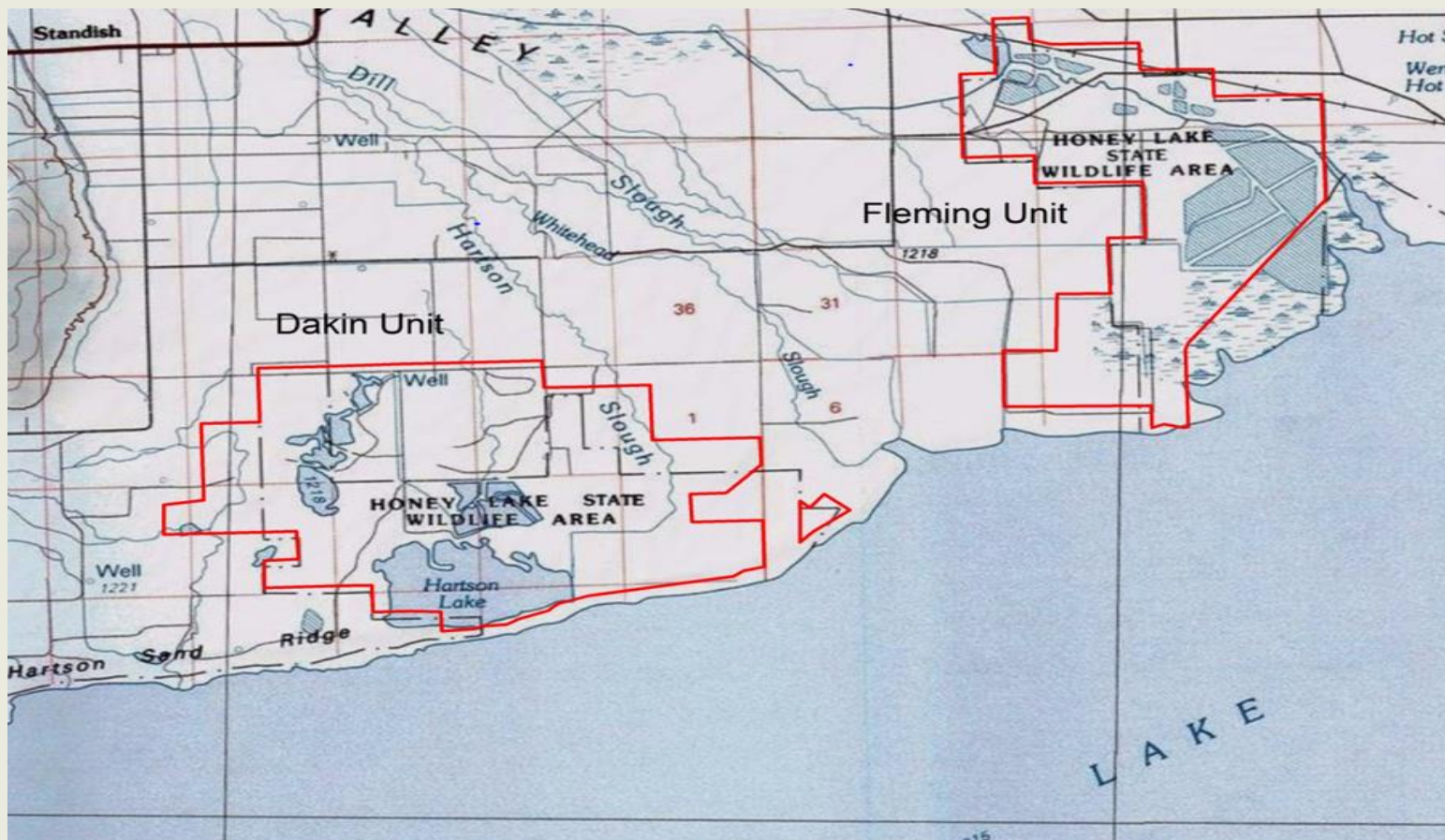
#15. Willow Creek Wildlife Area Meadow Enhancement



State-threatened greater sandhill cranes nest in the Willow Creek floodplain meadow and associated wetlands.



#16. Honey Lake Wildlife Area Water Infrastructure Improvements



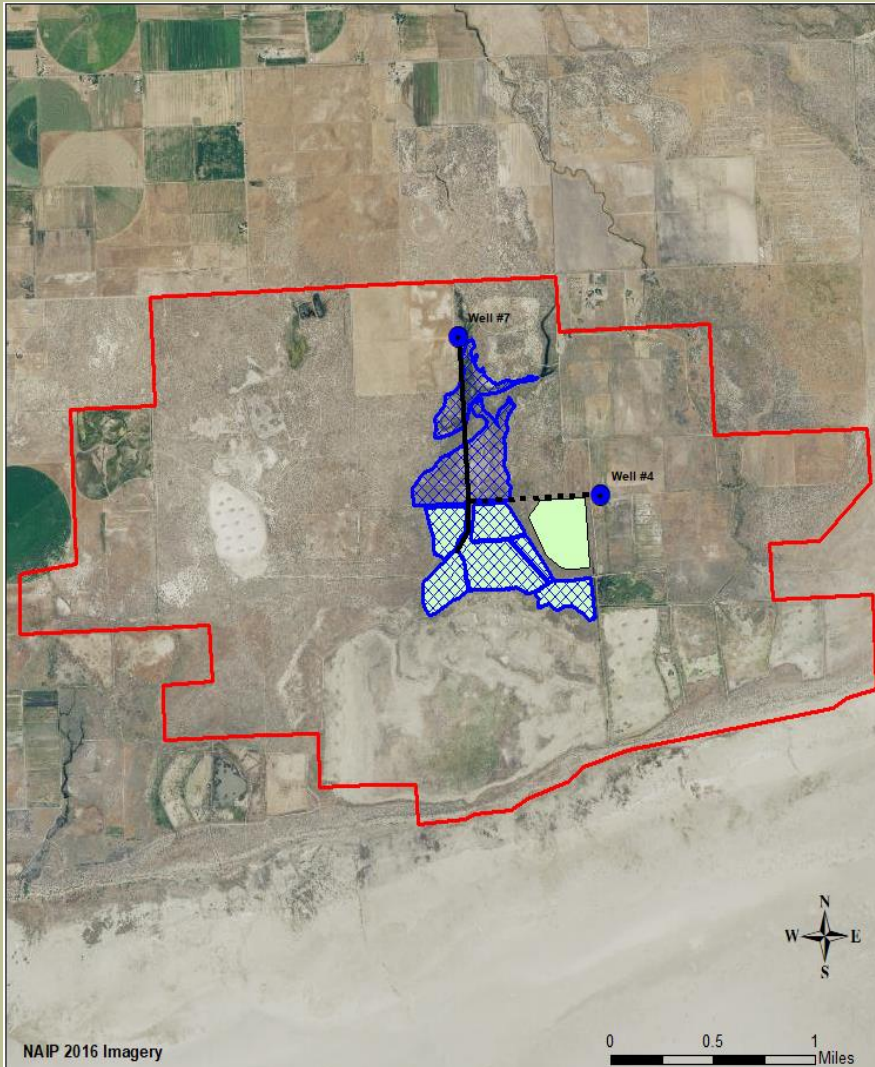
General Locations of the Dakin and Fleming Units on HLWA

#16. Honey Lake Wildlife Area Water Infrastructure Improvements



Well #7 pump located on the Dakin Unit at HLWA will supply water to a proposed pipeline that will improve water delivery to 260 acres of managed seasonal wetlands.

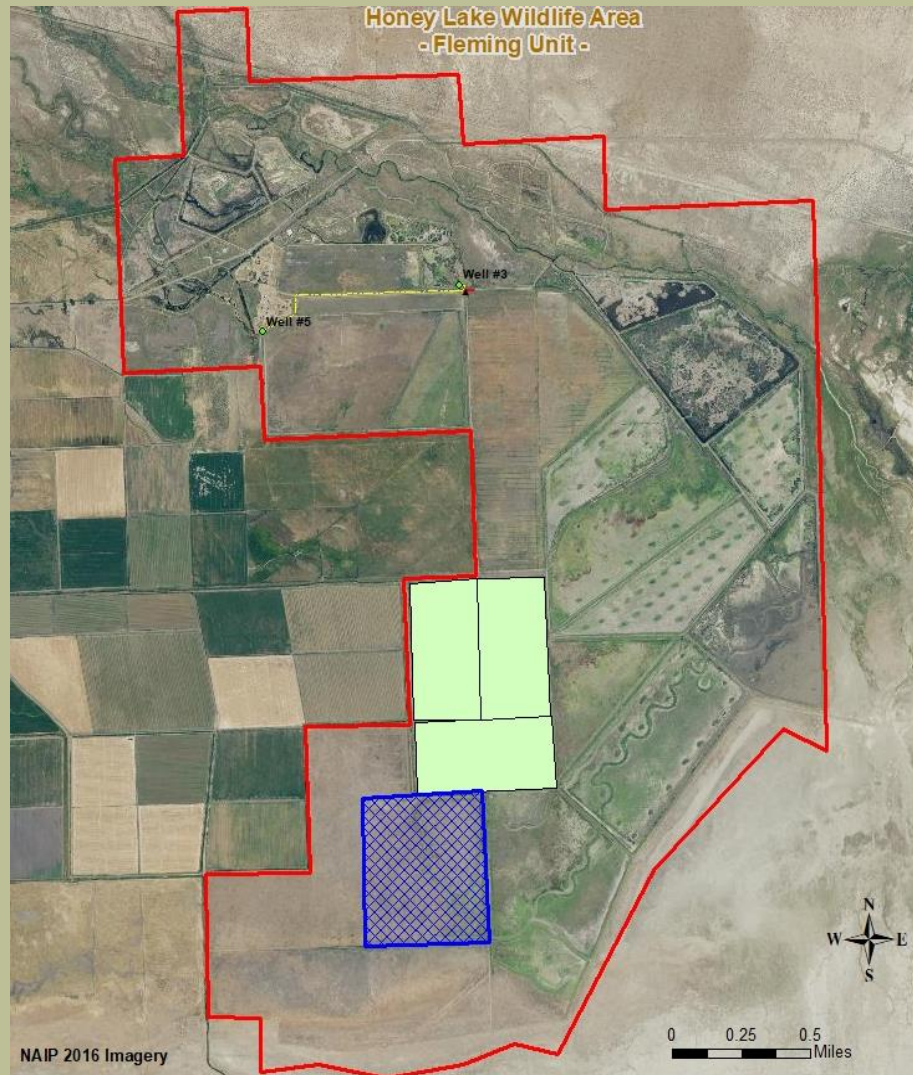
#16. Honey Lake Wildlife Area Water Infrastructure Improvements



- Honey Lake Dakin Unit Boundary
- Managed Wetlands Enhanced (WCB)
- Managed Wetlands Enhanced (WCB & NAWCA)
- Managed Uplands Enhanced (NAWCA)
- Well/Pump Locations
- Proposed Pipeline (NAWCA)
- Proposed Pipeline (WCB)

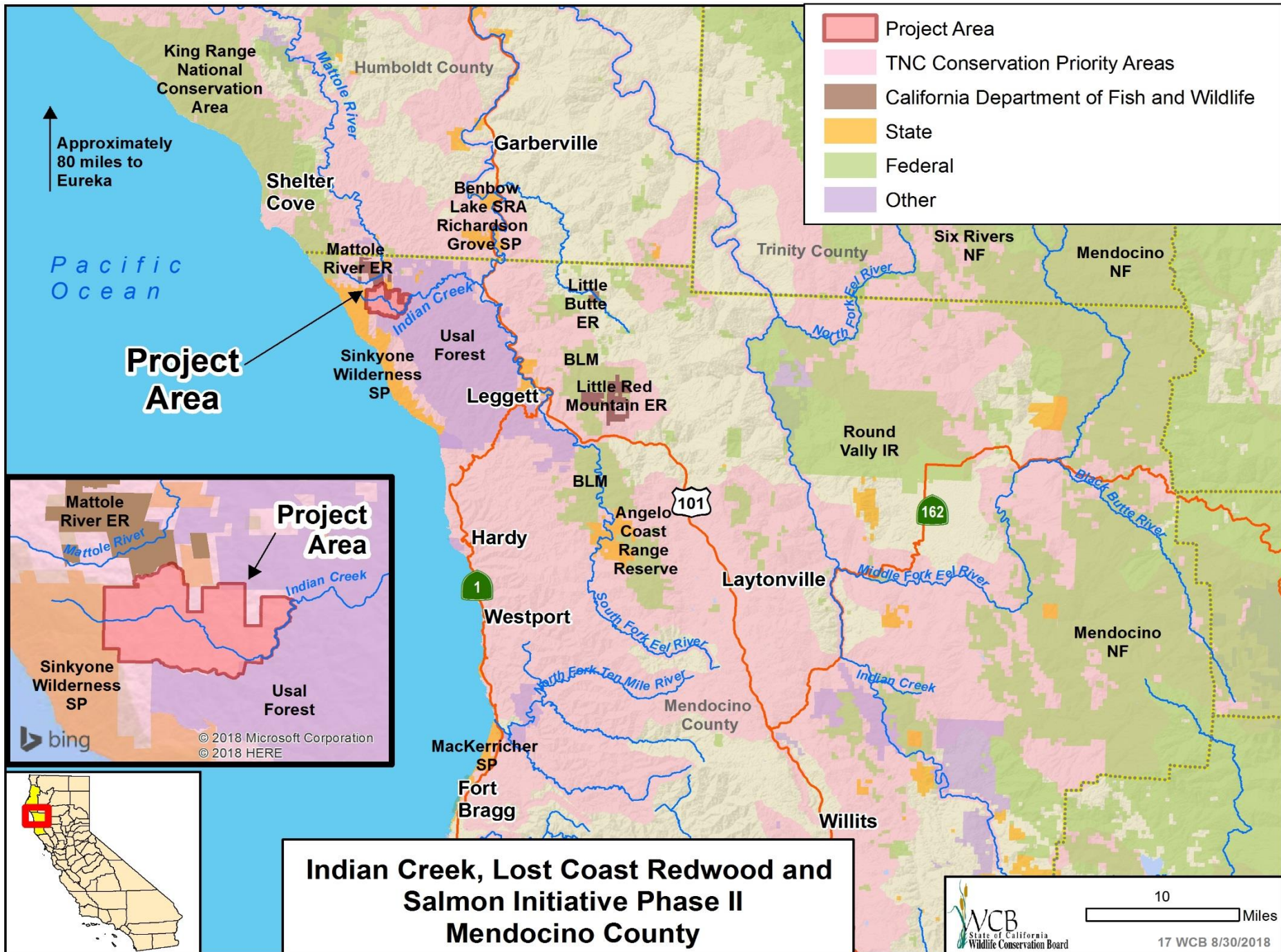
Proposed work for the Dakin Unit. Shows location of the well, proposed pipeline locations, and wetland and upland units that will benefit from the project.

#16. Honey Lake Wildlife Area Water Infrastructure Improvements



- Fleming Unit Boundary
- Managed Wetlands Enhanced (WCB)
- Wells
- Managed Uplands Enhanced (WCB)
- Low Lift Station
- Pipelines From Wells to Sump
- Sump

Proposed work for the Fleming Unit. Shows locations of the well and lift pumps, pipelines, and upland and wetland units that will benefit from the new infrastructure.



- Project Area
- TNC Conservation Priority Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other

Project Area

Project Area

Indian Creek, Lost Coast Redwood and Salmon Initiative Phase II Mendocino County

Approximately 80 miles to Eureka



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#17. Indian Creek



Confluence of Indian Creek and Anderson Creek.

#17. Indian Creek



Old growth redwood

#17. Indian Creek



Mature Redwood

#17. Indian Creek



Falls on Indian Creek

#17. Indian Creek



Cluster of Redwood

#17. Indian Creek

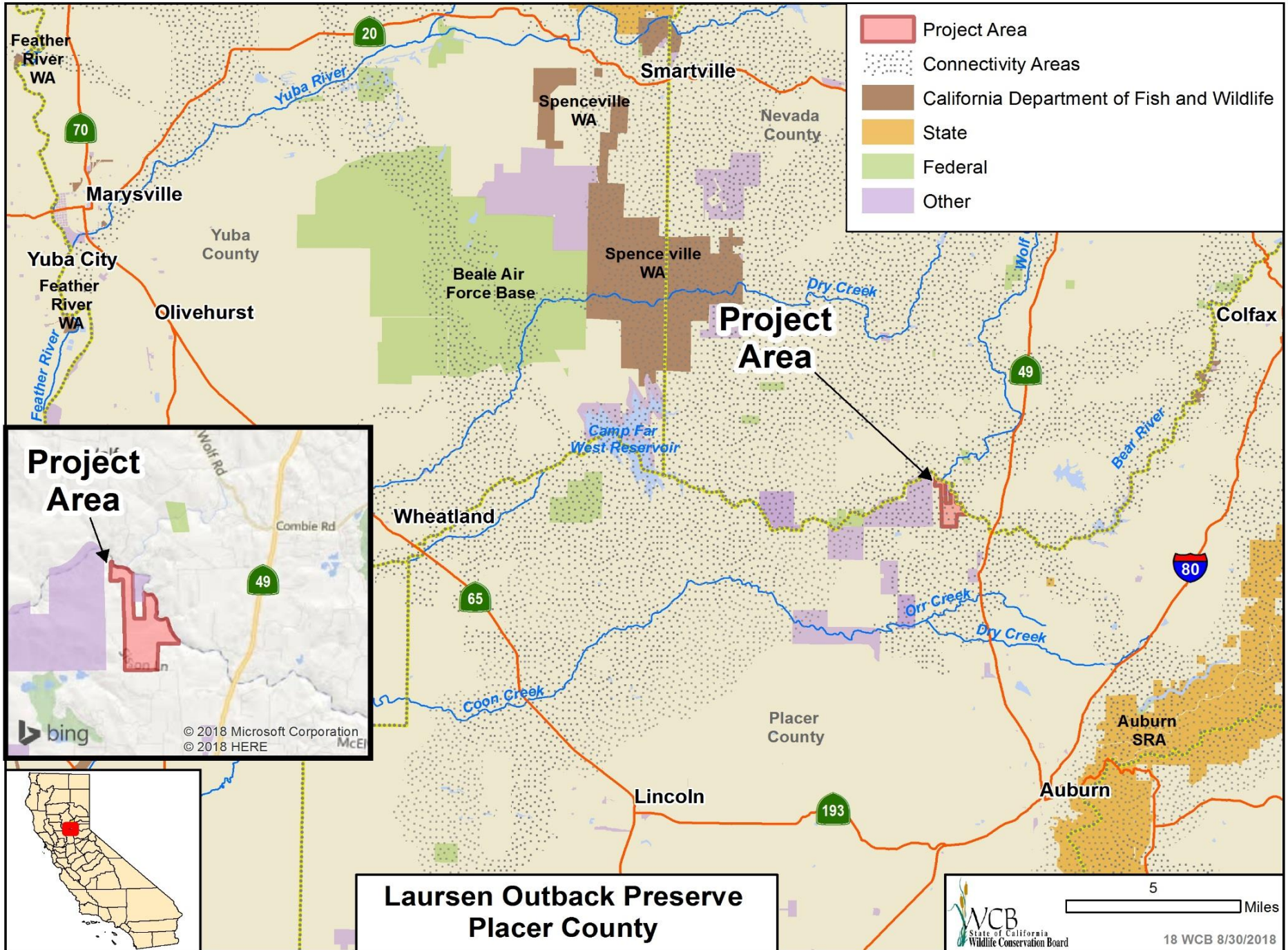


Mix woodlands of fir, oak, Redwood and Manzanita

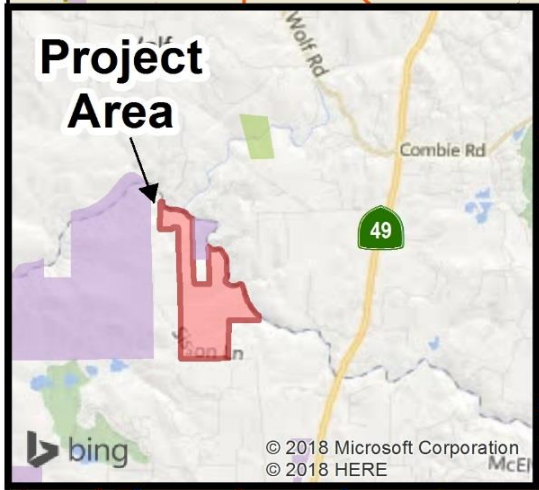
#17. Indian Creek



Indian Creek groundwater recharge project



- Project Area
- Connectivity Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other

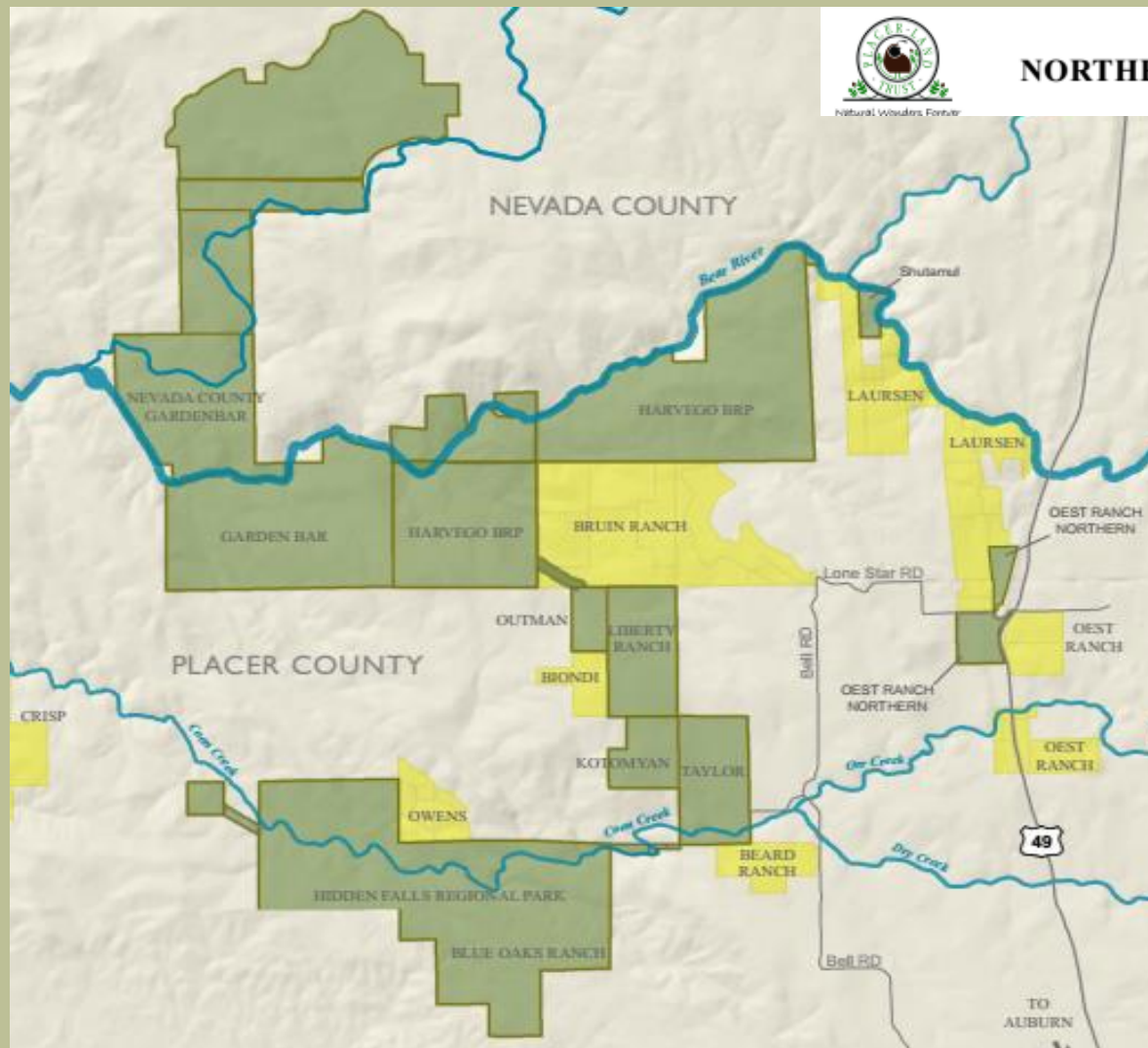


**Laursen Outback Preserve
Placer County**

#18. Laursen Outback Preserve

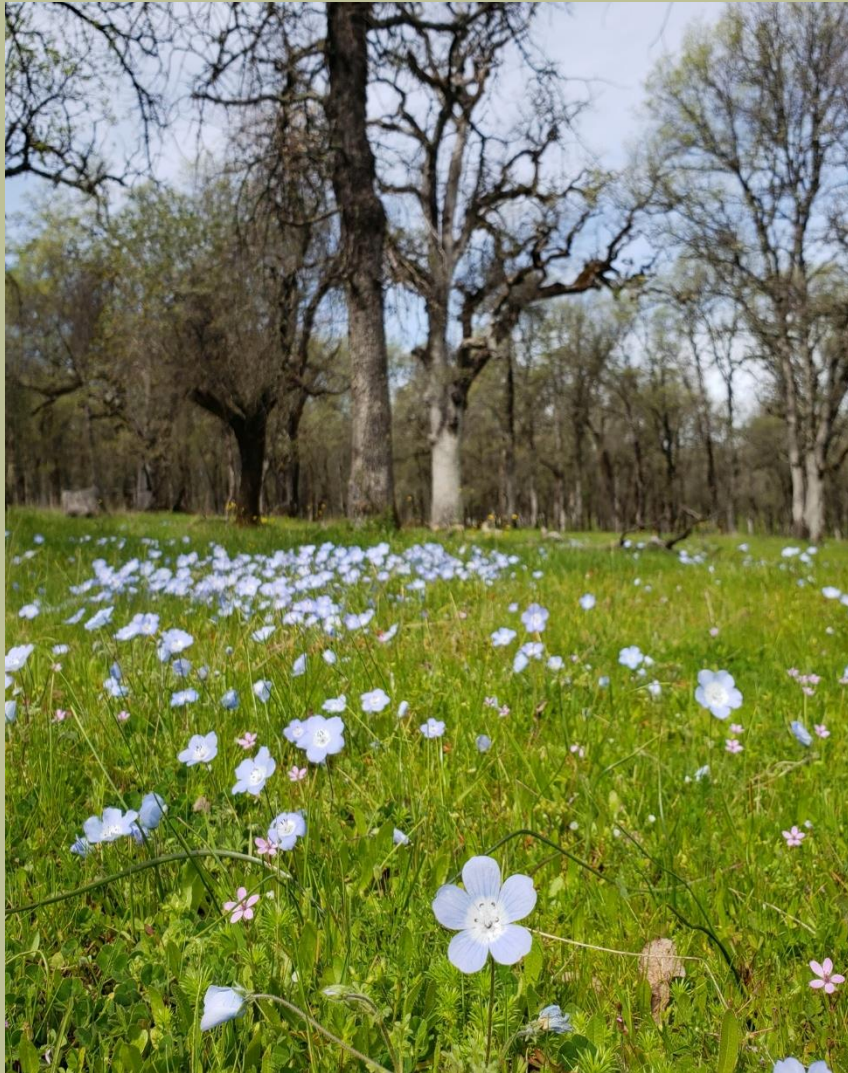


NORTHERN FOOTHILLS PARTNERSHIP



Lands that have been permanently protected by Placer Land Trust (south of Bear River) and Bear Yuba Land Trust (north of Bear River).

#18. Laursen Outback Preserve



Baby blue eyes in oak woodlands.

#18. Laursen Outback Preserve



Bear River downstream, taken from center portion of property looking north.

#18. Laursen Outback Preserve



Sue Graue
2013

California Dogface butterfly, taken at the northern portion of the property.

#18. Laursen Outback Preserve



Bear River downstream, taken from northern portion of property looking southeast.

#18. Laursen Outback Preserve

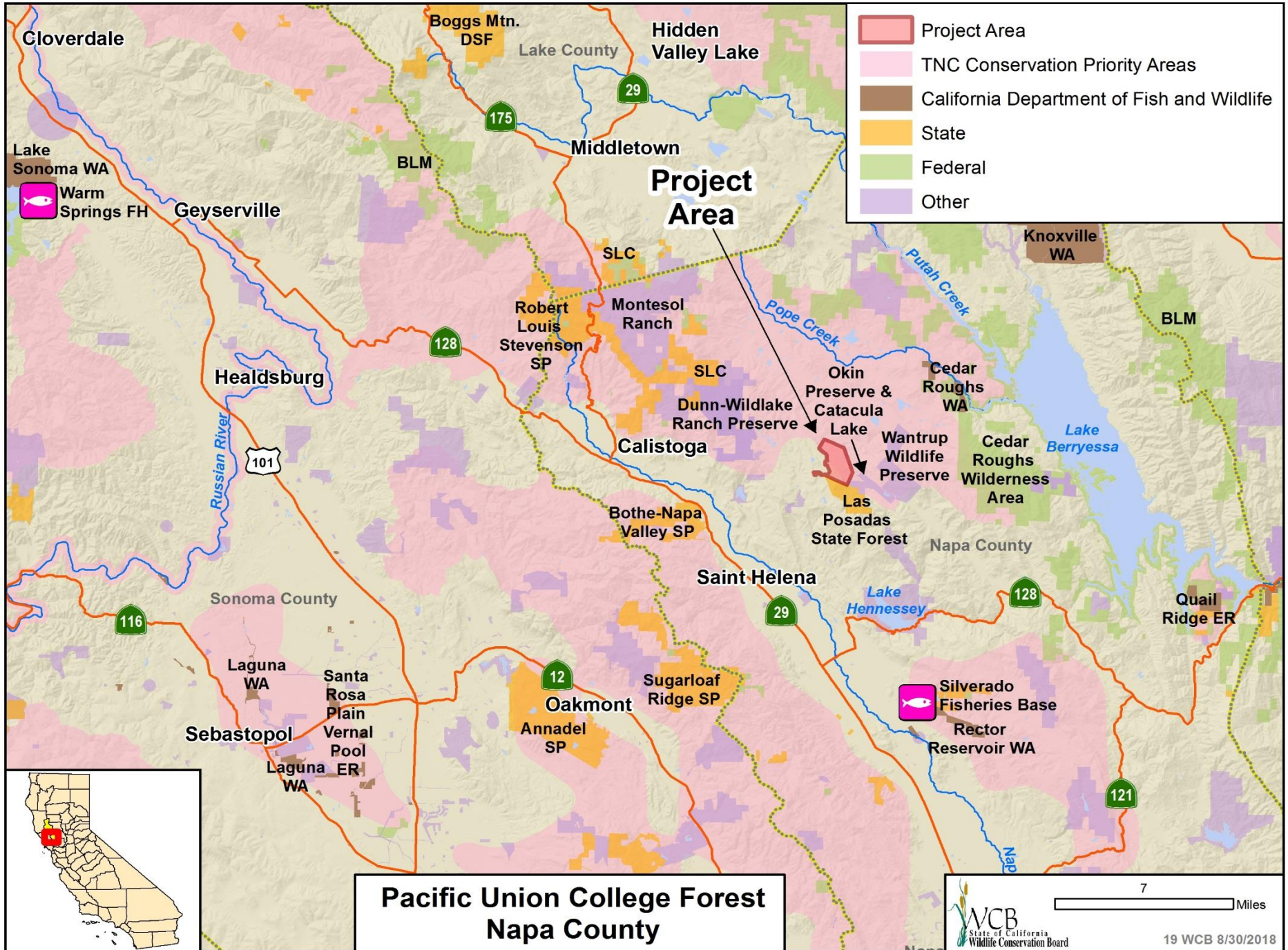


Bear River downstream,
taken from northern
portion of property near
Shutamul.

#18. Laursen Outback Preserve



Typical rock outcroppings on the property.



**Pacific Union College Forest
Napa County**

#19. Pacific Union College Forest



Redwood Flats, looking up from the “Church Bowl” on the property.

#19. Pacific Union College Forest



Forest land recently converted to vineyards, neighboring parcel southwest of the property.

#19. Pacific Union College Forest



Inspiration Point, looking east from the property.

#19. Pacific Union College Forest



Existing walking trail
located near center of the
property.

#19. Pacific Union College Forest

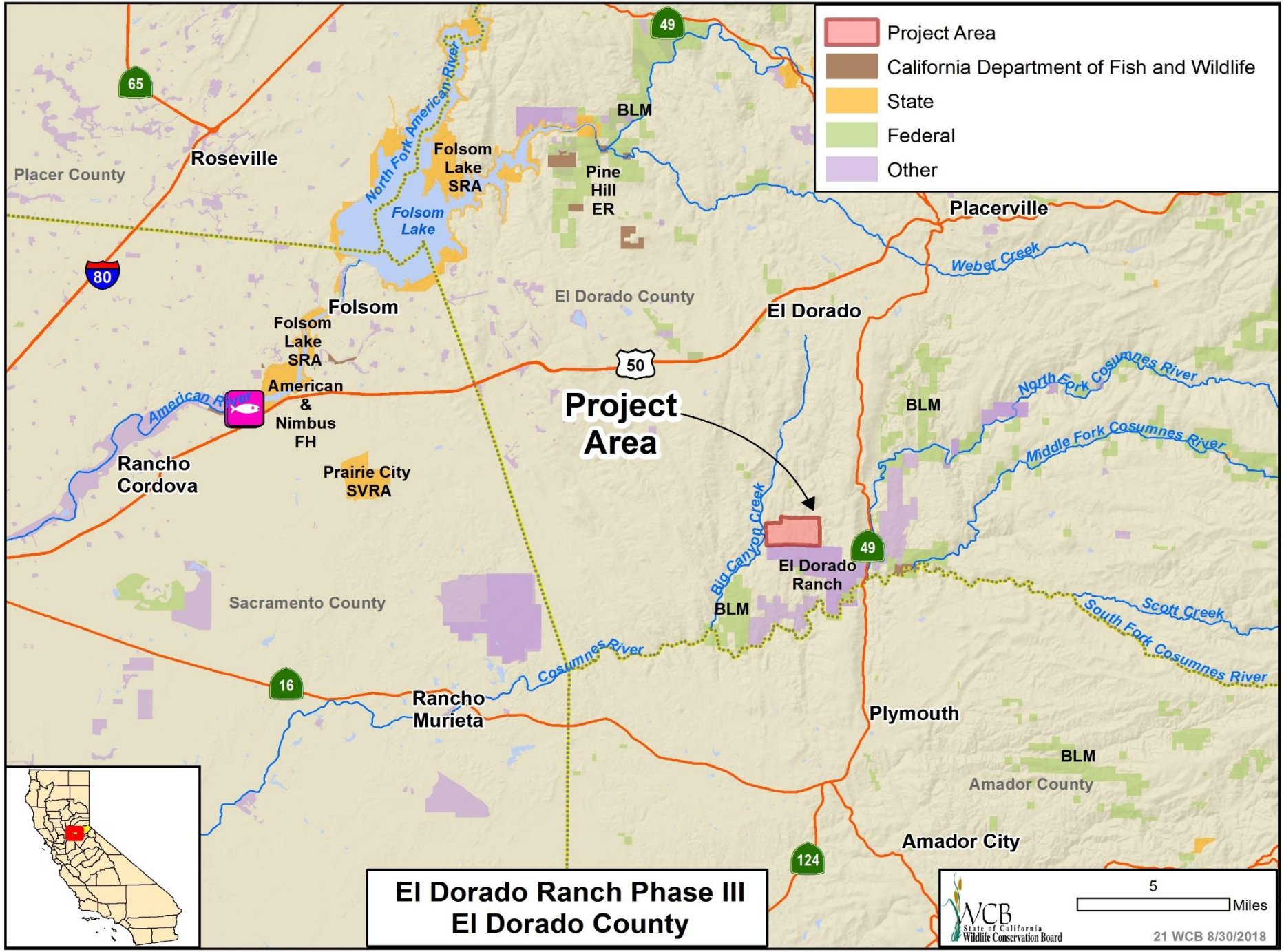


Looking north near the center of the property.

#20. Lower American River Natural Resources Management Plan



This item has been withdrawn from consideration at this time.



- Project Area
- California Department of Fish and Wildlife
- State
- Federal
- Other

Project Area

**El Dorado Ranch Phase III
El Dorado County**

5
Miles

WCB
 State of California
 Wildlife Conservation Board

21 WCB 8/30/2018



#21. El Dorado Ranch Phase III



The property was also identified by the County of El Dorado's Oak Woodlands Management Plan as a priority conservation area. El Dorado Ranch contains the largest continuous north-south corridor of blue oak woodlands in El Dorado County.

#21. El Dorado Ranch Phase III



A scenic view overlooking the Cosumnes River that will be enjoyed by the public.

#21. El Dorado Ranch Phase III



The Ranch contains river frontage along the Main Fork of the Cosumnes River.

#21. El Dorado Ranch Phase III



Blue oak woodland above the Main Fork of the Cosumnes River.

#21. El Dorado Ranch Phase III



Dense oak canopy

#21. El Dorado Ranch Phase III



Habitat created by large downed Oak

#21. El Dorado Ranch Phase III

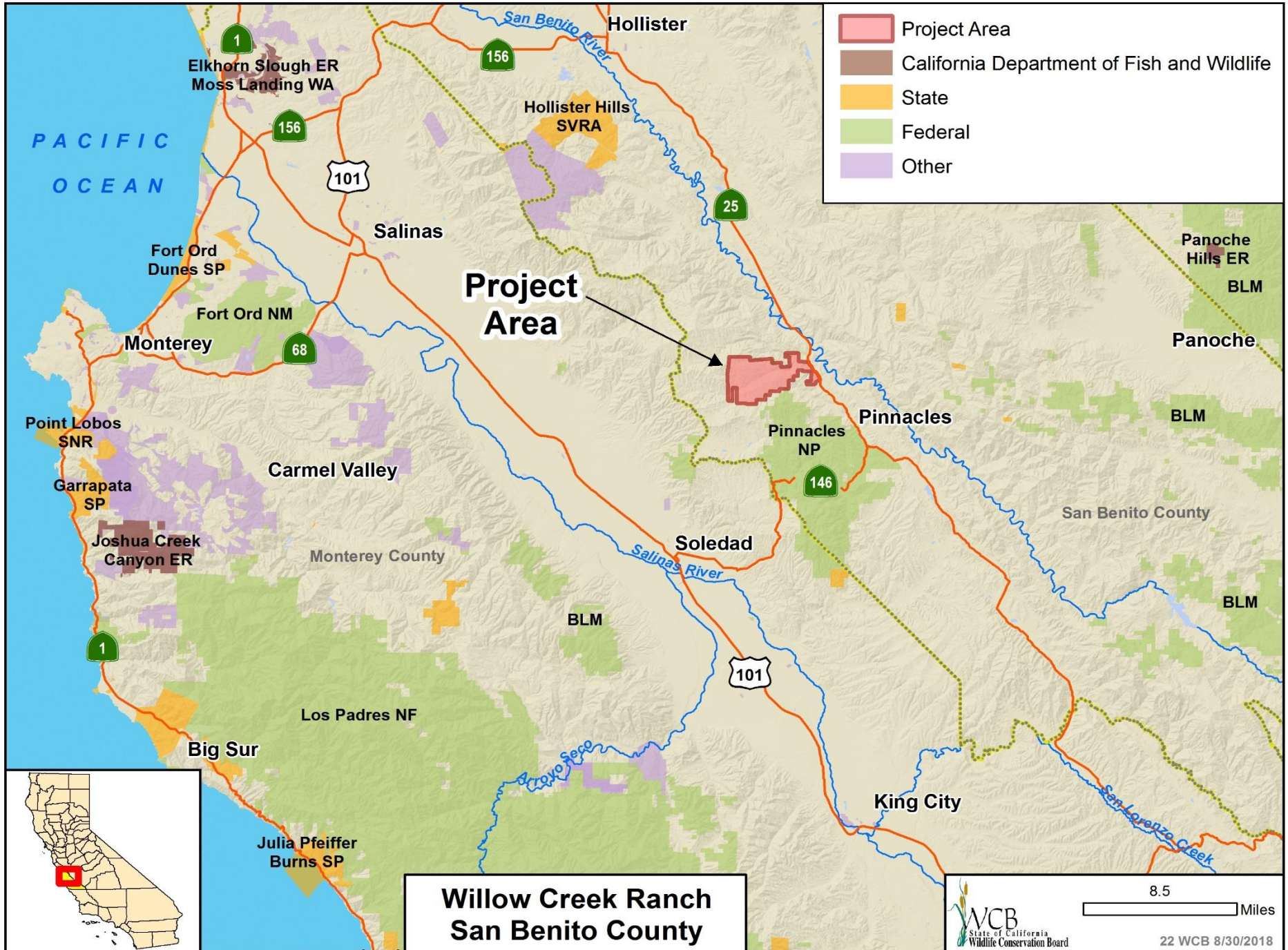


Oaks covered knoll on property

#21. El Dorado Ranch Phase III




Oak covered grassland



Project Area

	Project Area
	California Department of Fish and Wildlife
	State
	Federal
	Other

**Willow Creek Ranch
San Benito County**



WCB
State of California
Wildlife Conservation Board

8.5

Miles

22 WCB 8/30/2018

#22. Willow Creek Ranch



Valley oaks along south fork of Willow Creek on the property.

#22. Willow Creek Ranch



Woodland and chaparral habitats located on the property.

#22. Willow Creek Ranch



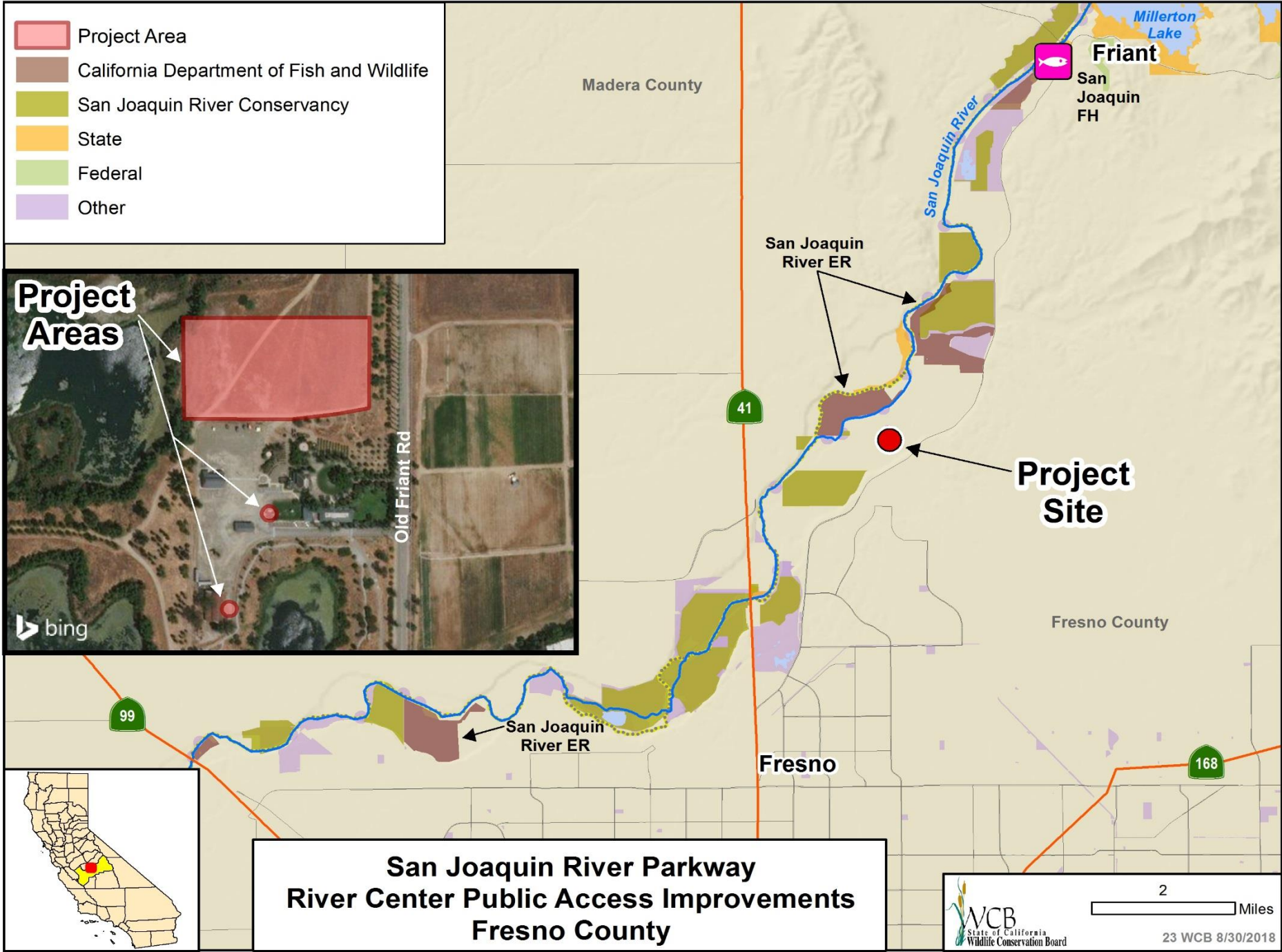
Riparian woodland habitat along a stream corridor on Willow Creek Ranch.

#22. Willow Creek Ranch



Annual grassland and Valley Oak woodland located on southeastern corner of Willow Creek Ranch.

- Project Area
- California Department of Fish and Wildlife
- San Joaquin River Conservancy
- State
- Federal
- Other



**San Joaquin River Parkway
River Center Public Access Improvements
Fresno County**

WCB
State of California
Wildlife Conservation Board

2 Miles

23 WCB 8/30/2018

#23. San Joaquin River Parkway, River Center Public Access



The core of the River Center is a restored 1890's ranch house and surrounding gardens.

#23. San Joaquin River Parkway, River Center Public Access



Project Tasks

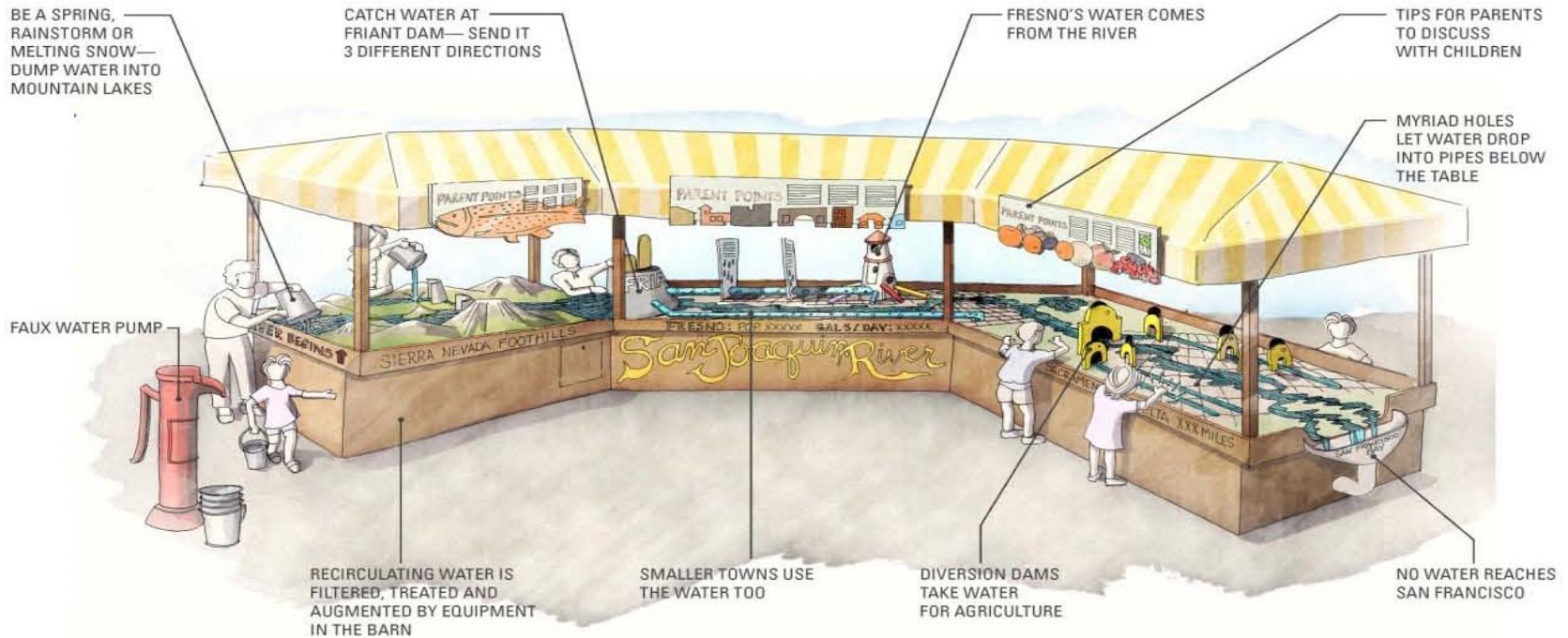
- Project Management
- Planning and Permitting
- Construction and Installation
 - Picnic shelter with tables
 - Native garden
 - Interpretive Water Table
 - Solar Power System
 - Barn Reconstruction

#23. San Joaquin River Parkway, River Center Public Access



The proposed picnic shelter with tables, native garden, and solar system will be located in a field adjacent to the ranch house.

#23. San Joaquin River Parkway, River Center Public Access



The interactive water table will interpret the hydrology of the San Joaquin River watershed.

#23. San Joaquin River Parkway, River Center Public Access



Location along the south side of the barn where the Trust will install the interactive water table.

#23. San Joaquin River Parkway, River Center Public Access



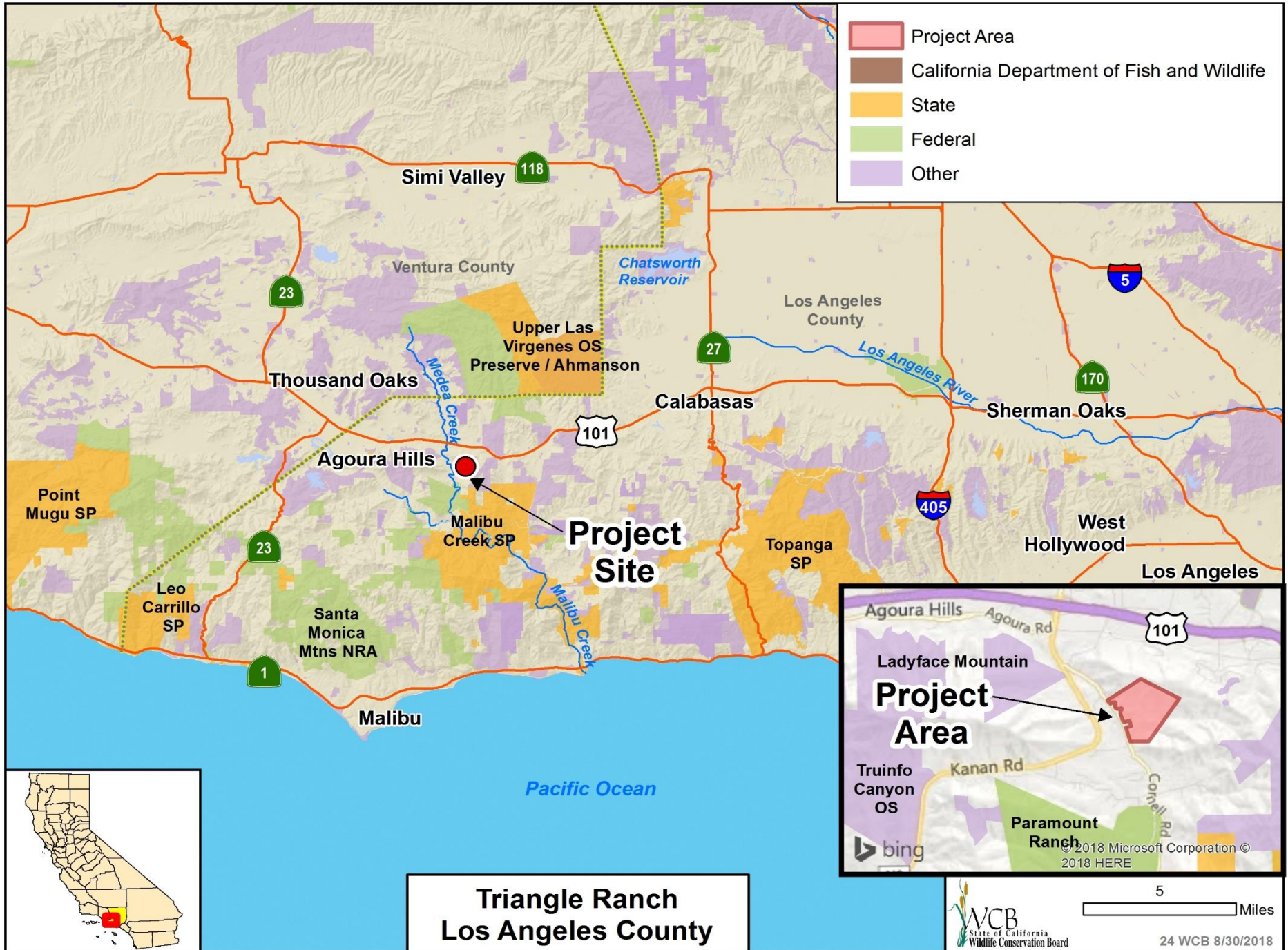
The River Center with existing and proposed facilities.

#23. San Joaquin River Parkway, River Center Public Access



Project Benefits

- New, integrated interpretive and educational opportunities
- Flexibility to host large visitor groups at weather-protected venues
- Sustainable operation



- Project Area
- California Department of Fish and Wildlife
- State
- Federal
- Other

Simi Valley 118

Ventura County

Upper Las Virgenes OS Preserve / Ahmanson

Thousand Oaks

Calabasas

Los Angeles County

Sherman Oaks

Agoura Hills

Malibu Creek SP

Project Site

Topanga SP

West Hollywood

Los Angeles

Point Mugu SP

Leo Carrillo SP

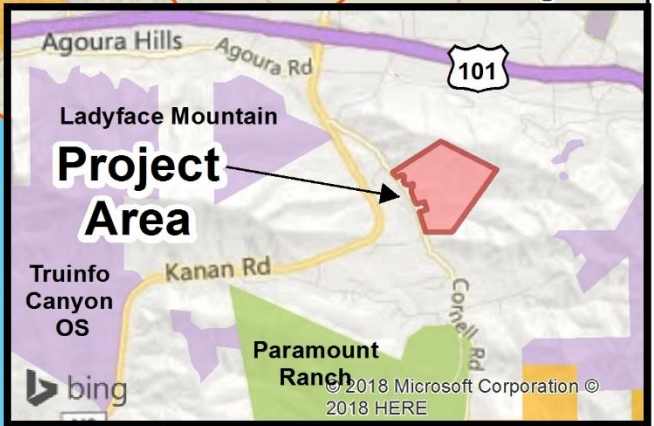
Santa Monica Mtns NRA

Malibu

Pacific Ocean

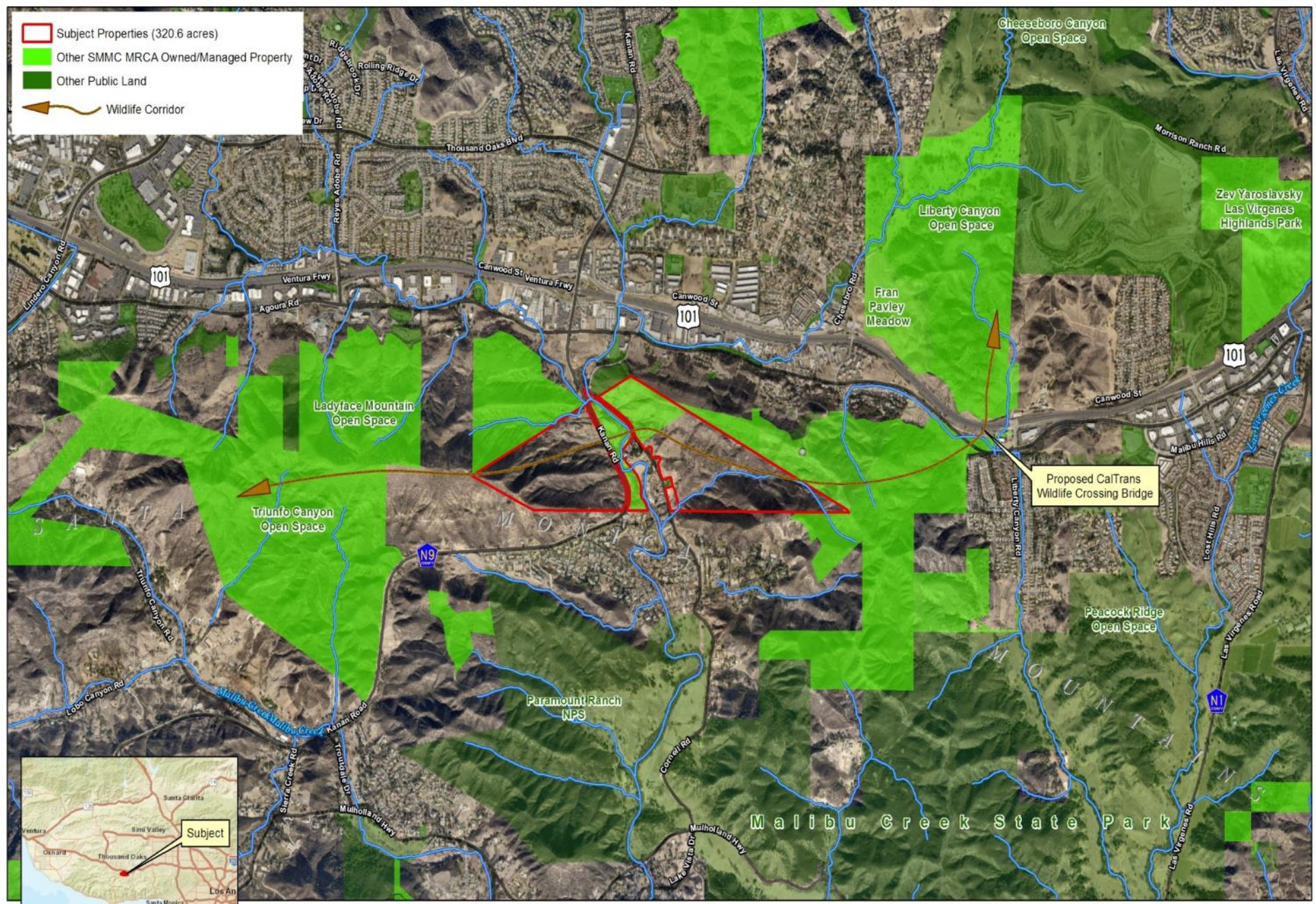
Chatsworth Reservoir

Los Angeles River



**Triangle Ranch
Los Angeles County**

- Subject Properties (320.6 acres)
- Other SMMC MRCA Owned/Managed Property
- Other Public Land
- Wildlife Corridor



Proposed CalTrans Wildlife Crossing Bridge

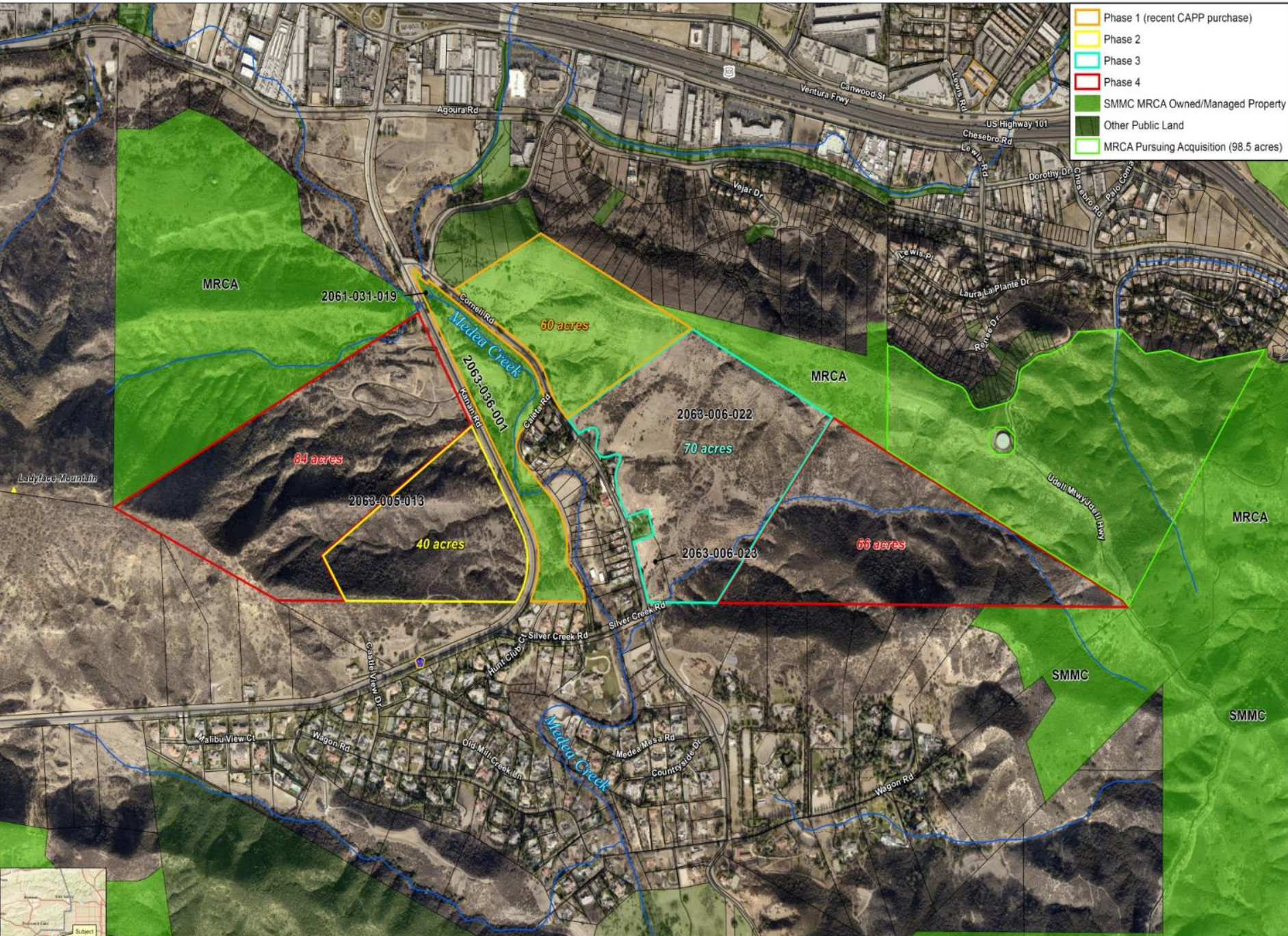


0 5 10 Miles

0 0.25 0.5 Miles



- Phase 1 (recent CAPP purchase)
- Phase 2
- Phase 3
- Phase 4
- SMMC MRCA Owned/Managed Property
- Other Public Land
- MRCA Pursuing Acquisition (98.5 acres)



Triangle Ranch Acquisition

#24. Triangle Ranch



Triangle Ranch, Phase 3 looking south.

#24. Triangle Ranch



Triangle Ranch, Phase 3, looking southeast showing typical habitat conditions on the property.

#24. Triangle Ranch



Federally Endangered Lyon's Pentachaeta (*Pentachaeta lyonii*) found on the property.

#24. Triangle Ranch



Looking south from other side of valley showing encroaching development in front of property.

#25. Lower American River Conservancy Program Information/Action



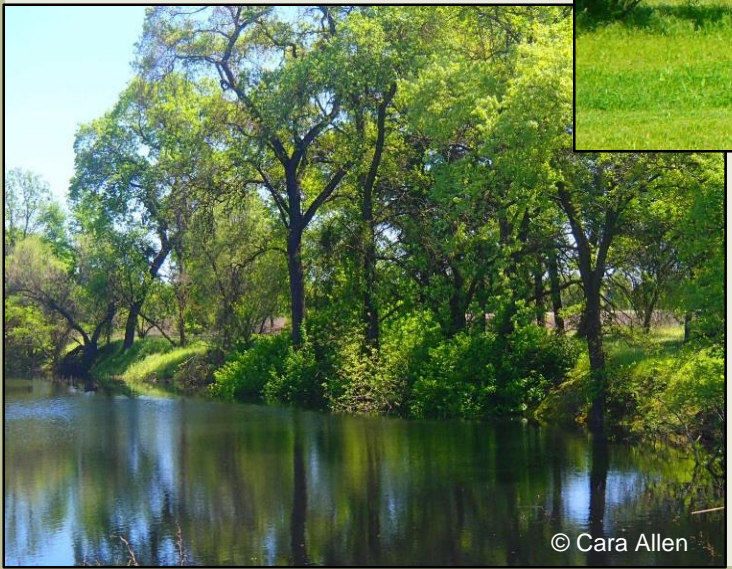
Assembly Bill 1716

An act to add Chapter 10.5 to Division 5 of the Public Resources Code, relating to the Lower American River, and making an appropriation therefor.

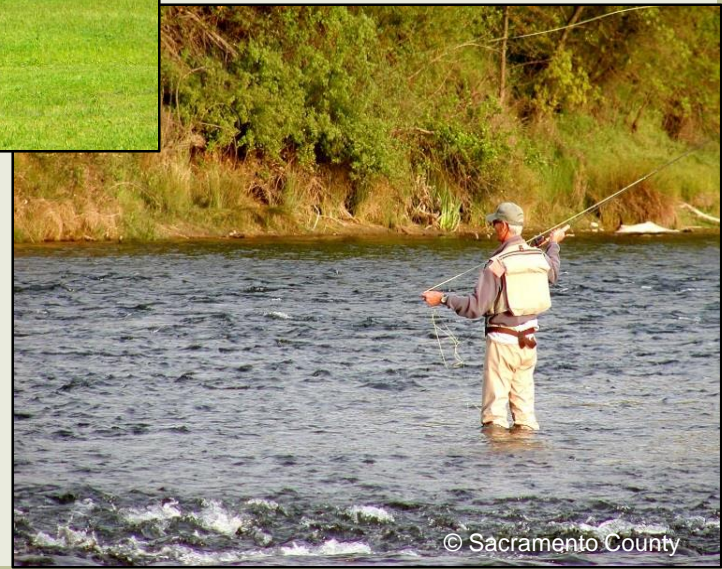
- Legislatively passed in 2016
- Created the Lower American River Conservancy (LARC) Program
- Established the LARC Program Fund in the State Treasury
- Requires WCB to establish an Advisory Committee
- Governor designated \$1 million to the program in the 2017-18 budget



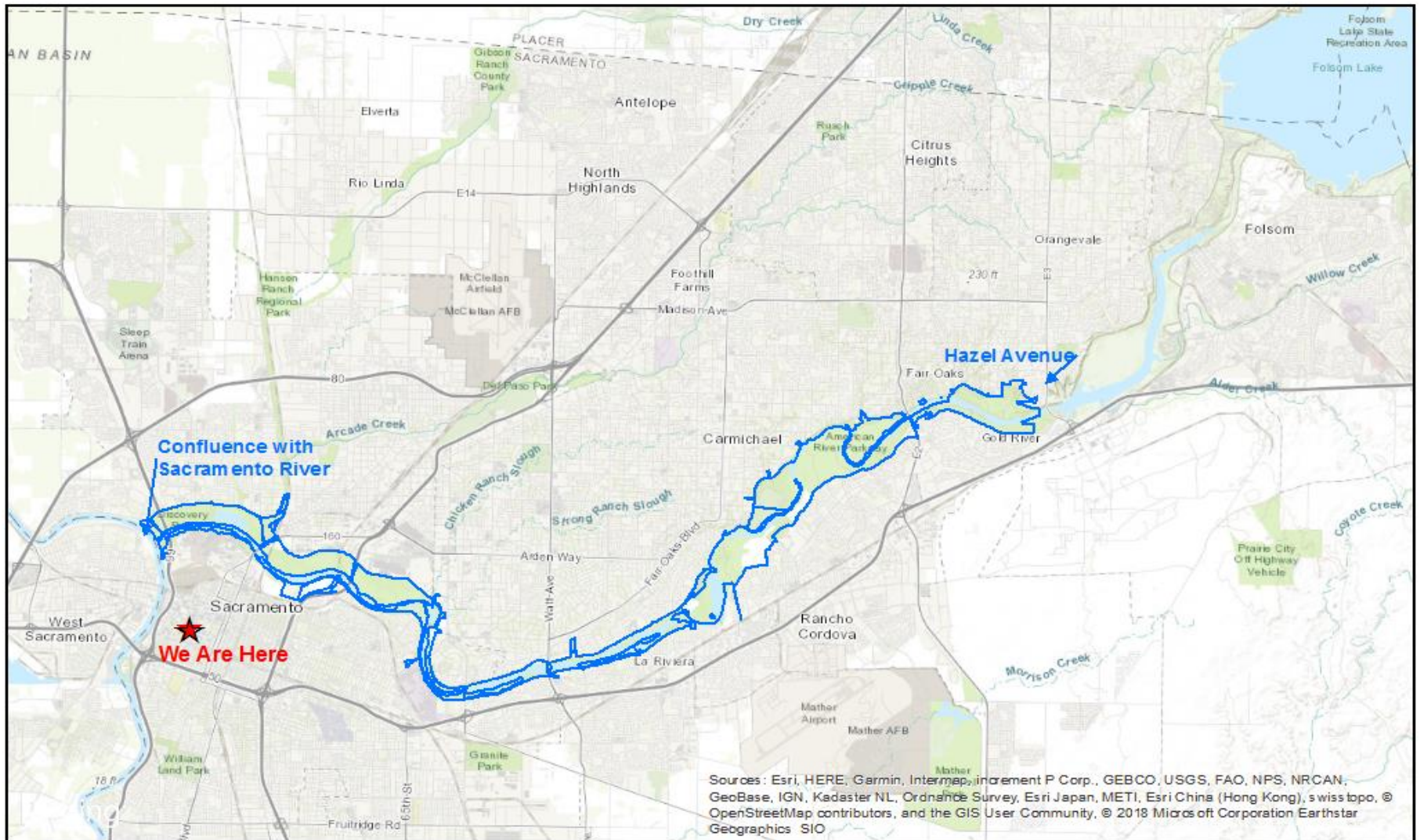
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© Cara Allen




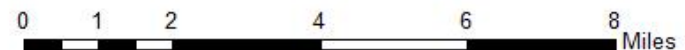
© Sacramento County



Boundary Map of the Lower American River

Created by: Cara Allen, WCB
 Date created: August 15, 2018
 Data sources: CDFW; Sacramento County

 Lower American River



Advisory Committee

- Three members of the Board of Supervisors of the County of Sacramento
- Two representatives of the City of Sacramento
- One representative of the City of Rancho Cordova
- Representatives from Natural Resources Agency, Department of Finance, and State Lands Commission
- Three members from public at large

2018 Proposal Solicitation Notice

- Consistent with AB 1716 and Proposition 68
- 20% of total amount approved for funding will be for projects that benefit severely disadvantaged communities
- Project priorities include:
 - Acquisitions
 - Habitat restoration
 - Maintenance of natural resources
 - Enhancement or expansion of public access and recreational facilities

2018 Solicitation Timeline

Schedule	Milestone/ Activity
July 31, 2018	LARC Program Advisory Committee meeting: Review proposed solicitation notice (PSN)
August 30, 2018	Wildlife Conservation Board Meeting: Board approval of LARC Program Guidelines and PSN
August 31, 2018	PSN Posted on WCB website and LARCP web page
August 31 – September 28, 2018	Pre-Application concepts & consultation period
October 31, 2018	Full Application proposals due to WCB
November 13, 2018 – January 31, 2019	Responsive proposals scored by technical reviewers and final selection panel.
TBD: early-February – early-March	LARC Program Advisory Committee meeting: review & prioritize final proposal selection
TBD: May 2019 Board Meeting	Wildlife Conservation Board Meeting: review and approve proposal projects for funding
May 2019 – October 2019	WCB develops and executes grant agreements with successful applicants

A dirt path leads from the foreground into a lush green field. In the middle ground, a large, full-canopied tree stands prominently. The background is filled with more trees and a clear blue sky. The overall scene is bright and natural.

Questions/ Comments?

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#26. Strategic Plan Update



Plan Update Tasks

- Stakeholder Outreach
- Trends and Strategic Planning Issues
- Strategic Priorities
- Strategic Directions

#26. Strategic Plan Update



Timeline

- September 2018 – Assistance Contract
- October 2018 – Stakeholder Surveys
- November 2018 – Board Briefing on Stakeholder Input
- January 2019 – Complete First Draft
- February 2019 – Present Draft to Board
- May 2019 – Request Approval of Update of Board