

February 25, 2015

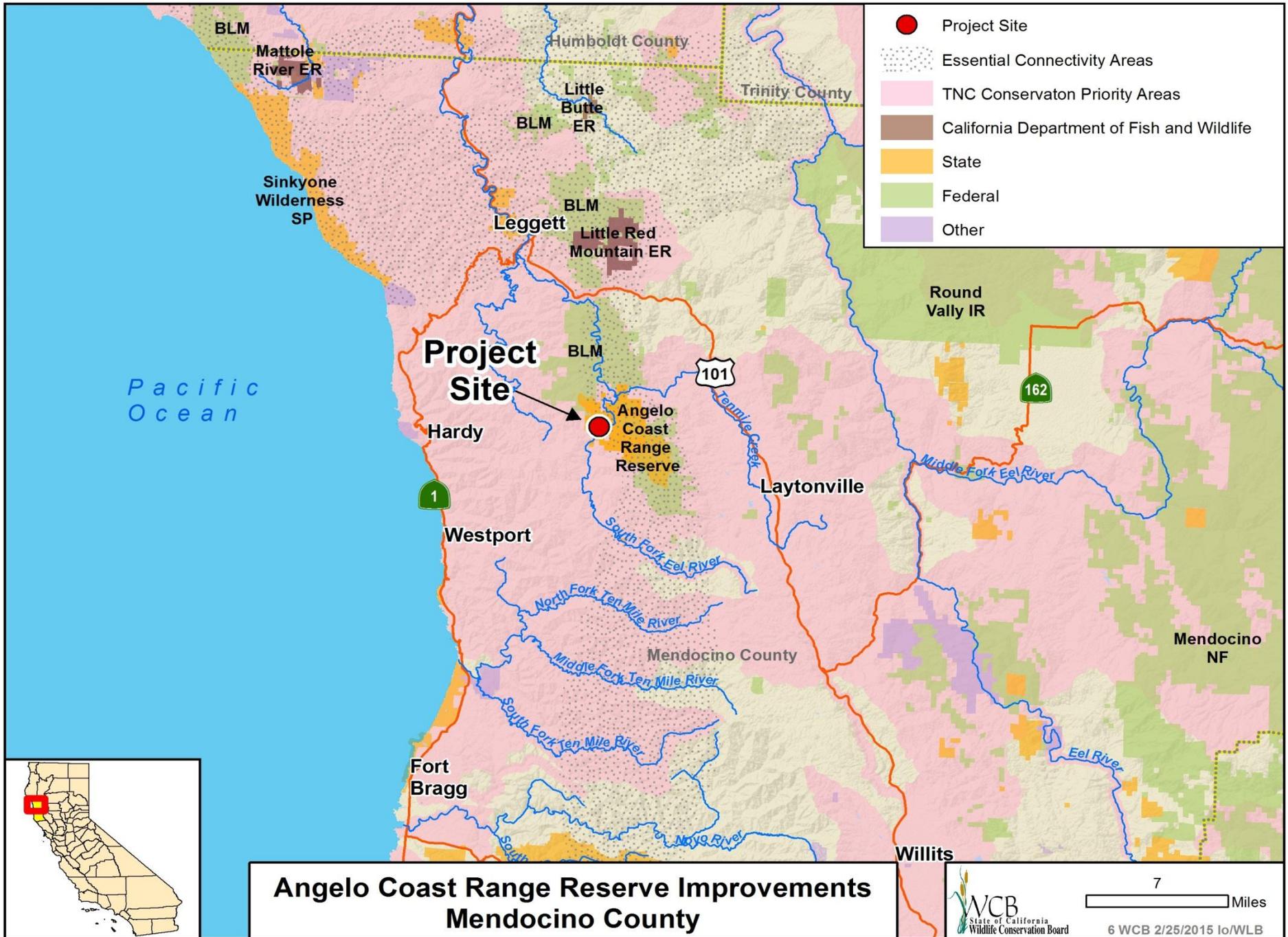
10:00am

Wildlife Conservation Board Meeting

Legislative Office Building,

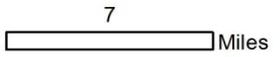
1020 N Street, Room 100

Sacramento, California 95814



- Project Site
- Essential Connectivity Areas
- TNC Conservaton Priority Areas
- California Department of Fish and Wildlife
- State
- Federal
- Other

Angelo Coast Range Reserve Improvements Mendocino County



6 WCB 2/25/2015 lo/WLB



#6. Angelo Coast Range Reserve Improvements



- Headquarters house will be replaced with 1500 sq. ft. kitchen and dining hall

#6. Angelo Coast Range Reserve Improvements



- New 8-bed bunkhouse and location of an additional 8-bed bunkhouse

#6. Angelo Coast Range Reserve Improvements

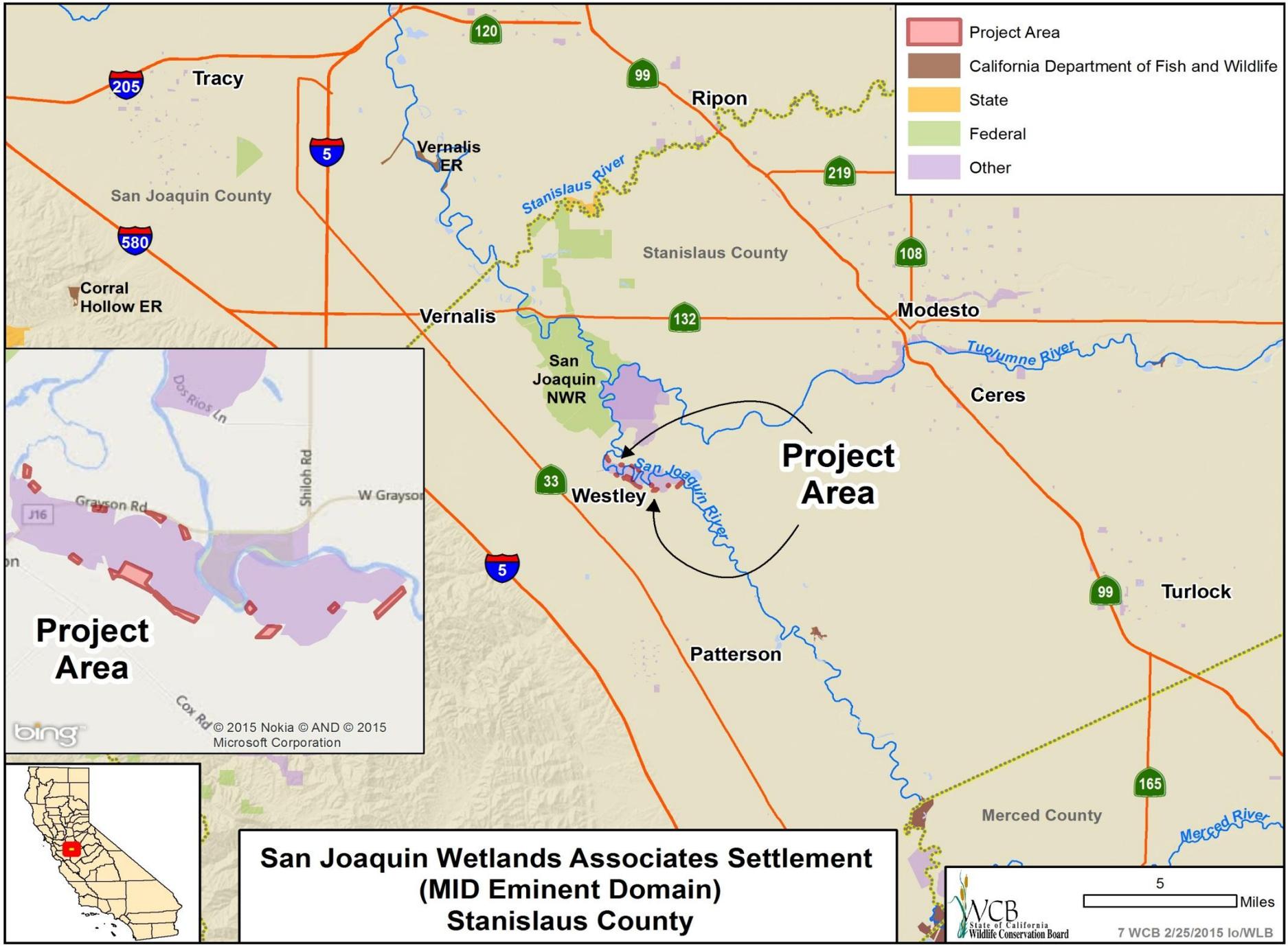


- Location of future 8-bed bunkhouse

#6. Angelo Coast Range Reserve Improvements



- ADA accessible walkway to be expanded linking all new structures



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



**San Joaquin Wetlands Associates Settlement
(MID Eminent Domain)
Stanislaus County**

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#7. San Joaquin Wetlands Associates Settlement (MID Eminent Domain)



- Power lines over existing conservation easement property



Disclaimer: Boundaries are approximate.



San Joaquin Wetland Farms Easement Map

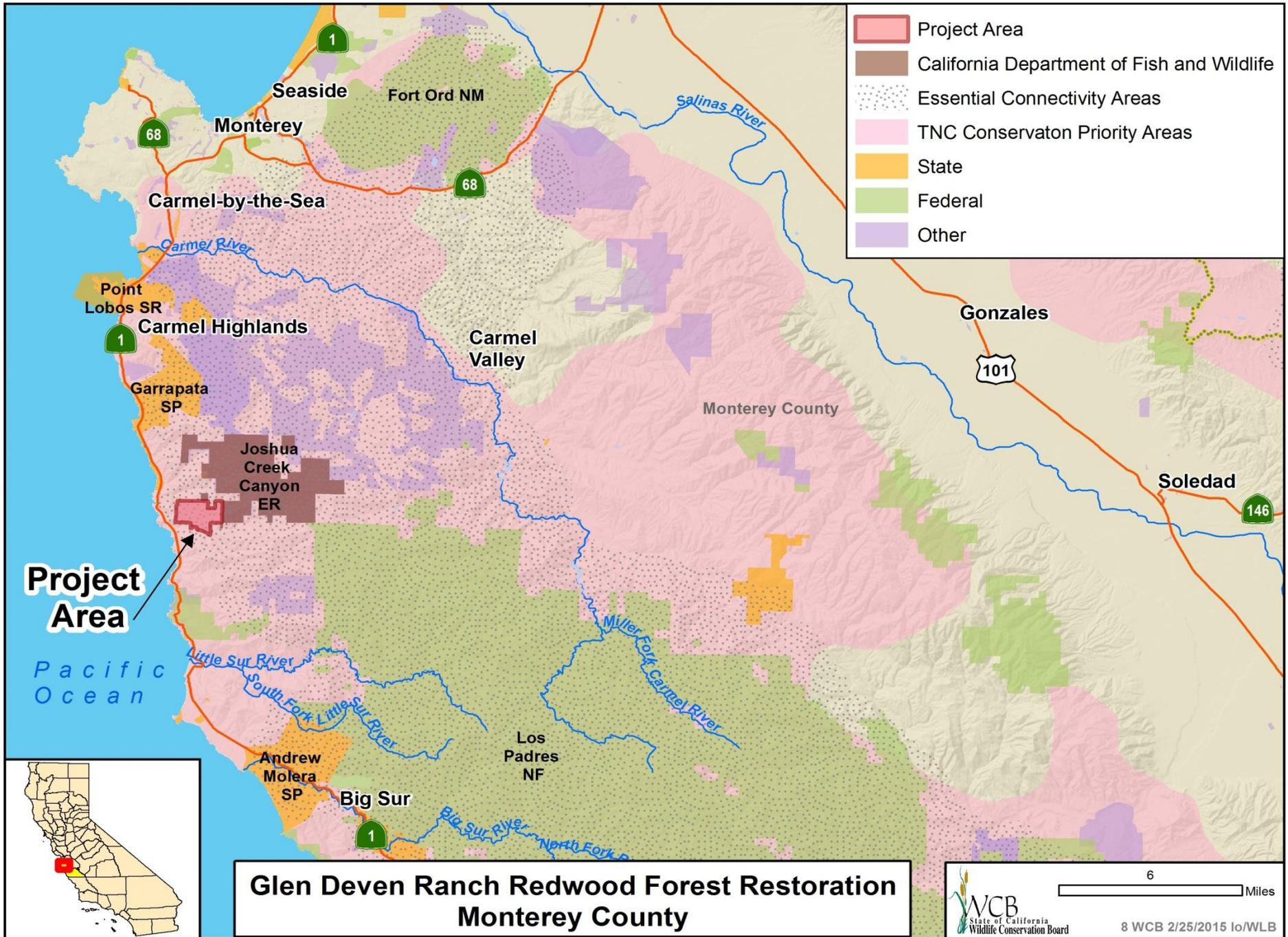


- Proposed New CDFW Easement Boundary in White
- Parcels Not Available, Power Line
- Other Conserved Land
- NRCS Flood
- Field 5 (23 Acres)
- Currently Managed Field 5 Wetlands (5.06 Acres)

#7. San Joaquin Wetlands Associates Settlement (MID Eminent Domain)



- Typical habitat on existing easements that are contiguous with the new conservation easements



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

Project Area

**Glen Deven Ranch Redwood Forest Restoration
Monterey County**

6 Miles

8 WCB 2/25/2015 lo/WLB

#8. Glen Deven Redwood Forest Restoration



- Eucalyptus to be removed

#8. Glen Deven Redwood Forest Restoration



- Steep slope and dense stands of Eucalyptus

#8. Glen Deven Redwood Forest Restoration

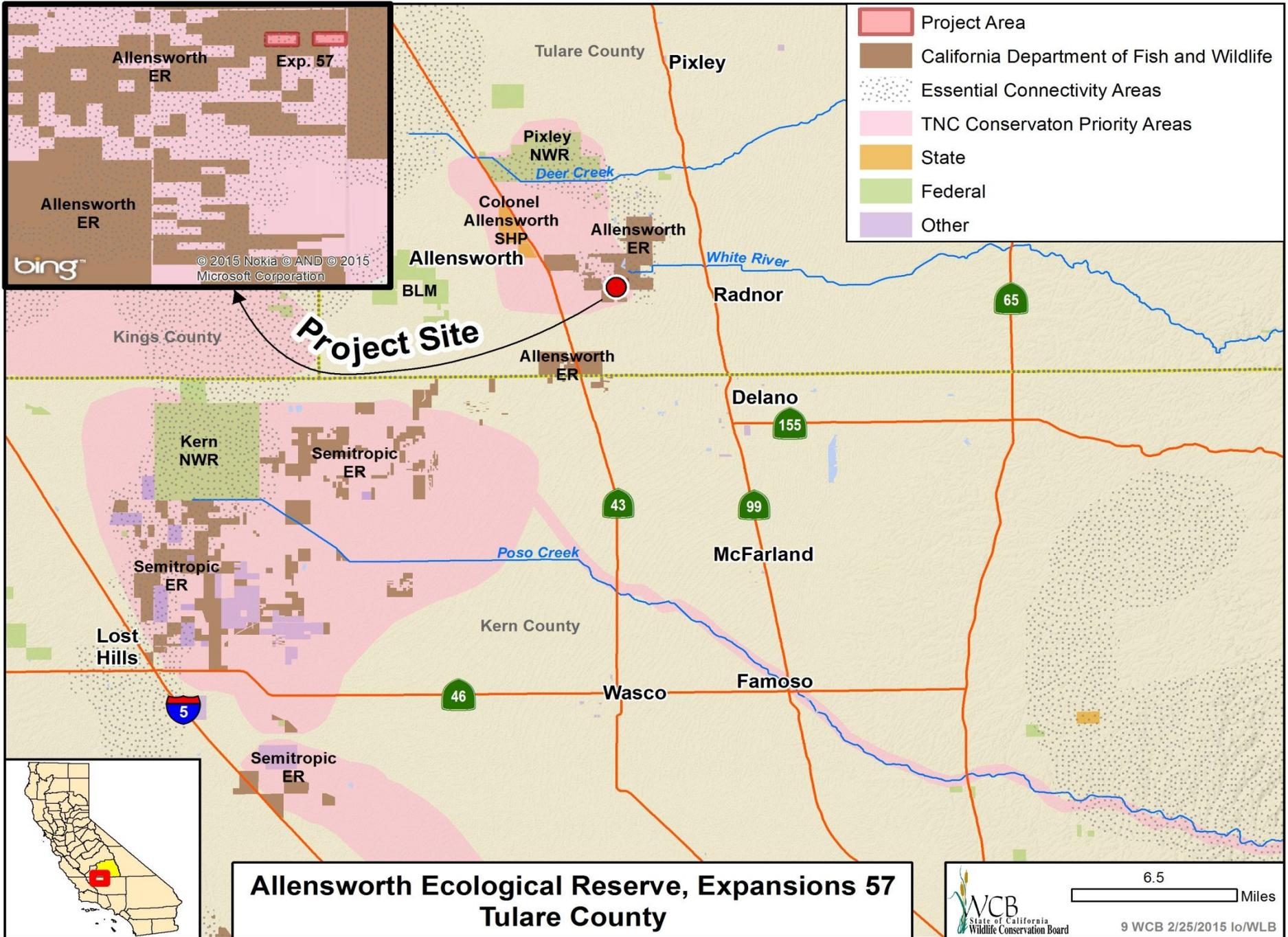


- Eucalyptus

#8. Glen Deven Redwood Forest Restoration



- The objective, earlier phase of the project post-harvest



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Project Site

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

**Allensworth Ecological Reserve, Expansions 57
Tulare County**

6.5 Miles

9 WCB 2/25/2015 lo/WLB




#9. Allensworth Ecological Reserve, Expansion 57



- San Joaquin kit fox

#9. Allensworth Ecological Reserve, Expansion 57



- Tipton Kangaroo Rat

#9. Allensworth Ecological Reserve, Expansion 57



- Blunt-Nosed Leopard Lizard

#9. Allensworth Ecological Reserve, Expansion 57



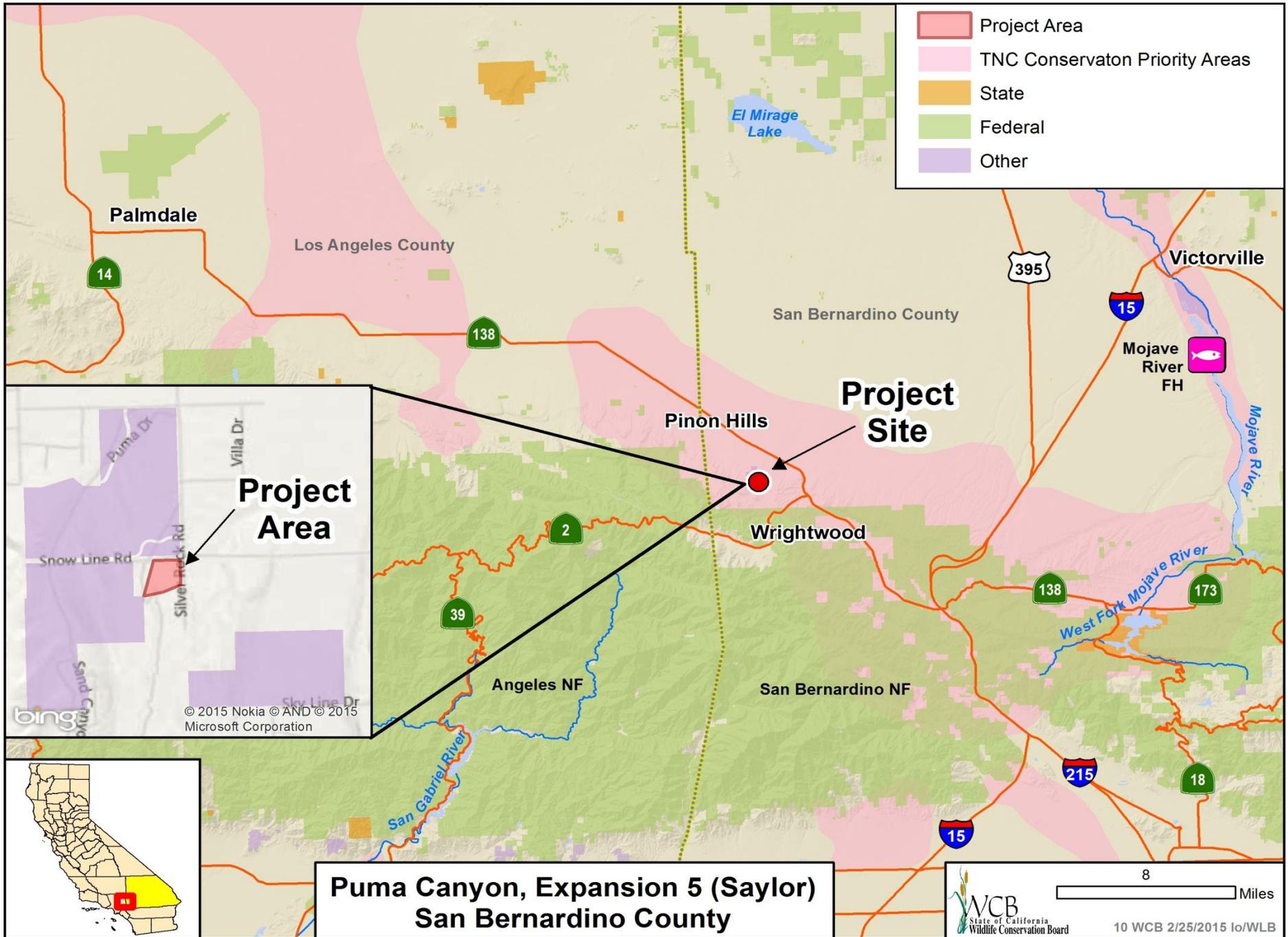
- View looking south

#9. Allensworth Ecological Reserve, Expansion 57



- View looking west

- Project Area
- TNC Conservaton Priority Areas
- State
- Federal
- Other



**Puma Canyon, Expansion 5 (Saylor)
San Bernardino County**

8
Miles

10 WCB 2/25/2015 lo/WLB

Project Area

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#10. Puma Canyon, Expansion 5 (Saylor)



#10. Puma Canyon, Expansion 5 (Saylor)

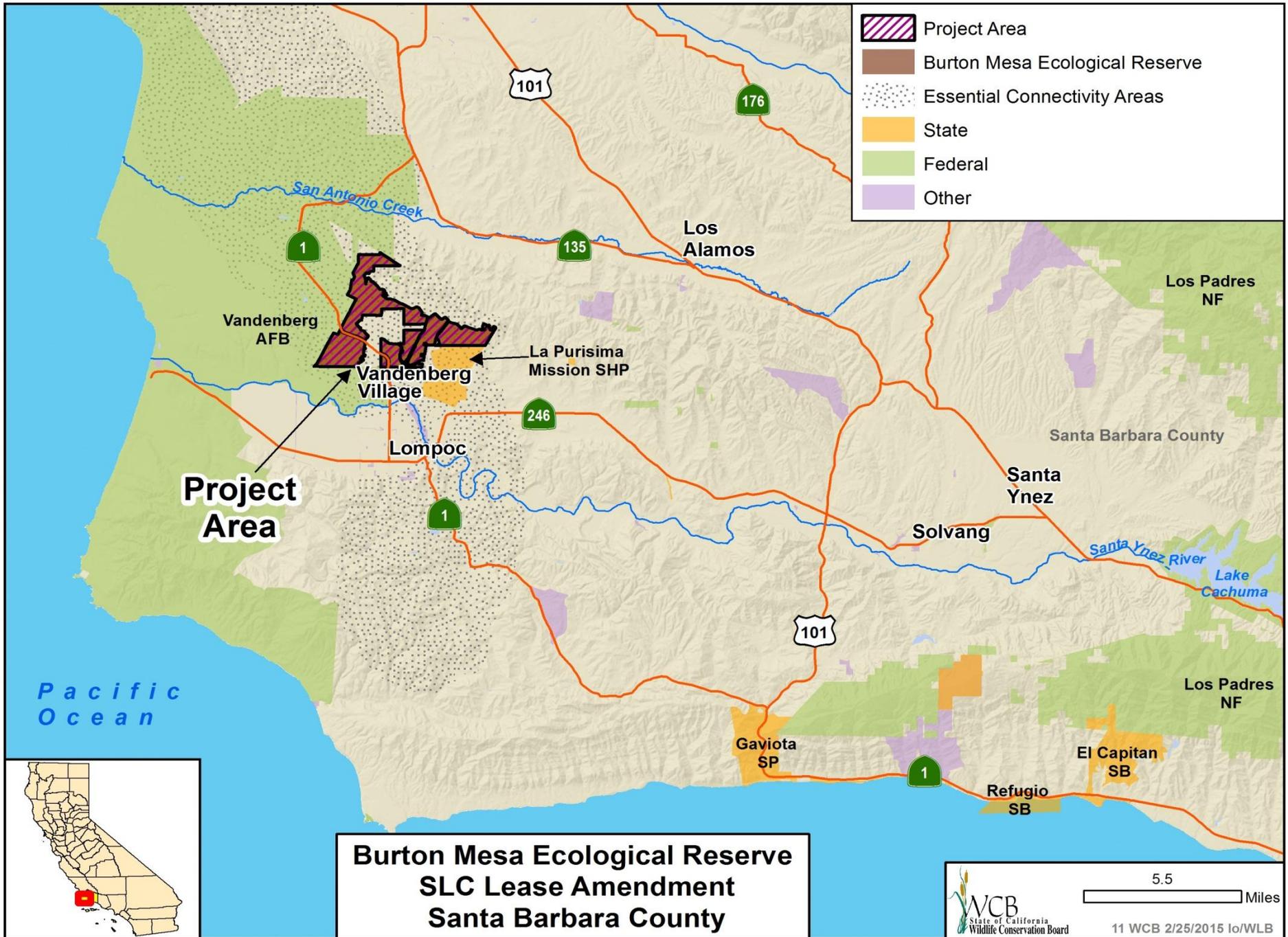


#10. Puma Canyon, Expansion 5 (Saylor)



#10. Puma Canyon, Expansion 5 (Saylor)





-  Project Area
-  Burton Mesa Ecological Reserve
-  Essential Connectivity Areas
-  State
-  Federal
-  Other

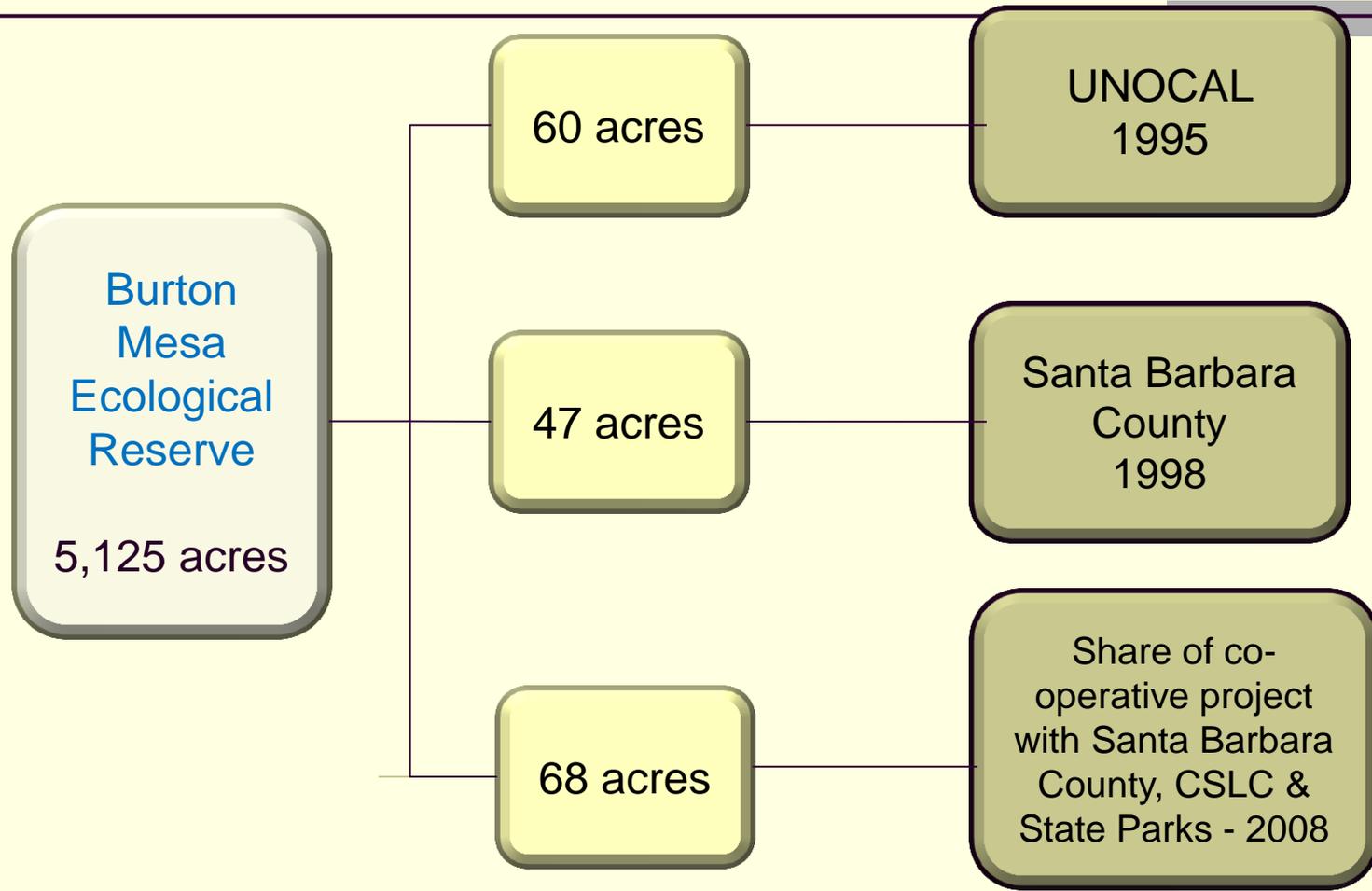
Project Area

**Burton Mesa Ecological Reserve
SLC Lease Amendment
Santa Barbara County**


5.5 Miles
 State of California
 Wildlife Conservation Board
 11 WCB 2/25/2015 lo/WLB

Burton Mesa Ecological Reserve

Historical Background



#11. Burton Mesa Ecological Reserve, SLC Lease Amendment



- Interior view of the 47 acre parcel

#11. Burton Mesa Ecological Reserve, SLC Lease Amendment

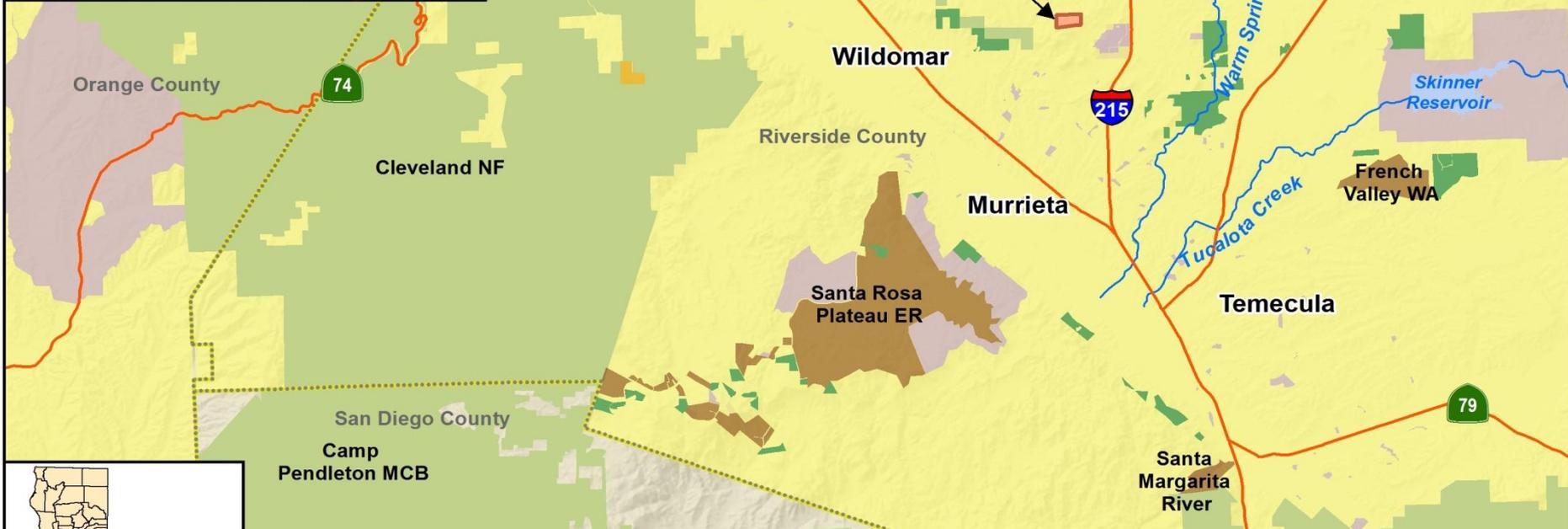
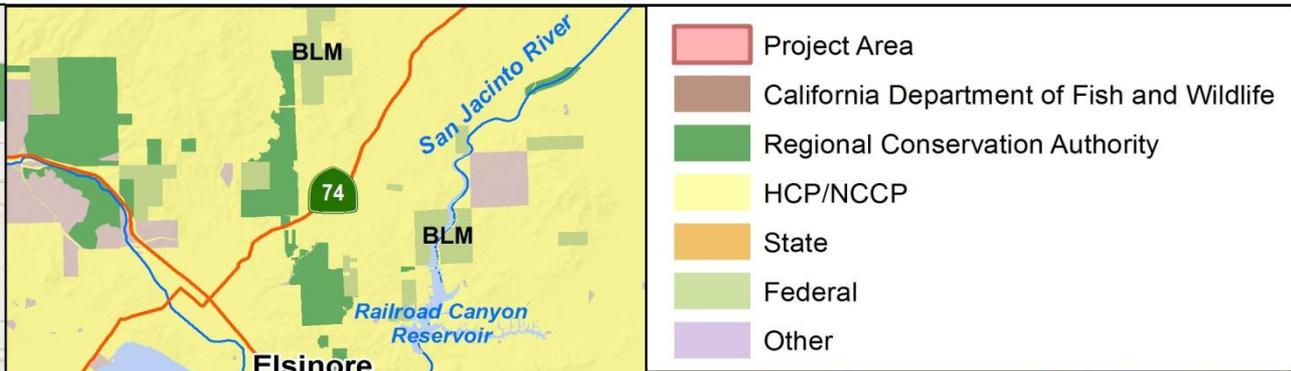
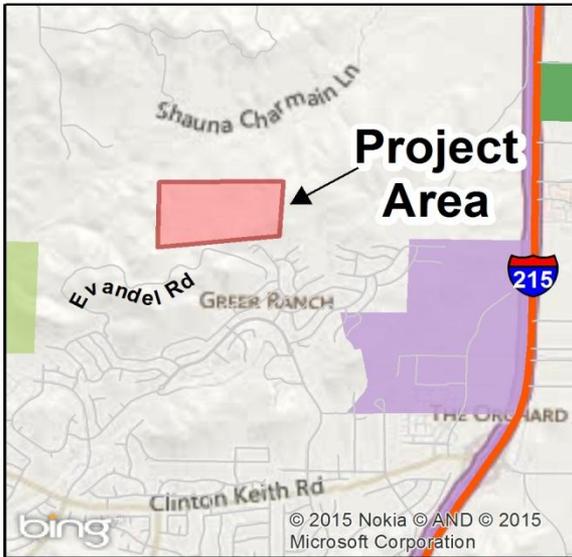


- North view of the 60 acre parcel

#11. Burton Mesa Ecological Reserve, SLC Lease Amendment



- View of the western side of the 68 acre parcel



Western Riverside County MSHCP (2013)
Evandel - Wilson
Riverside County

WCB
State of California
Wildlife Conservation Board

5 Miles

12 WCB 2/25/2015 lo/WLB

#12. Western Riverside MSHCP (2013), Evandel-Wilson



Photo courtesy of the Western Riverside
County Regional Conservation Authority

- View of the Evandel – Wilson Property located in the Western Core/Linkage target area of the Western Riverside County Multi-Species Habitat Conservation Plan

#12. Western Riverside MSHCP (2013), Evandel-Wilson

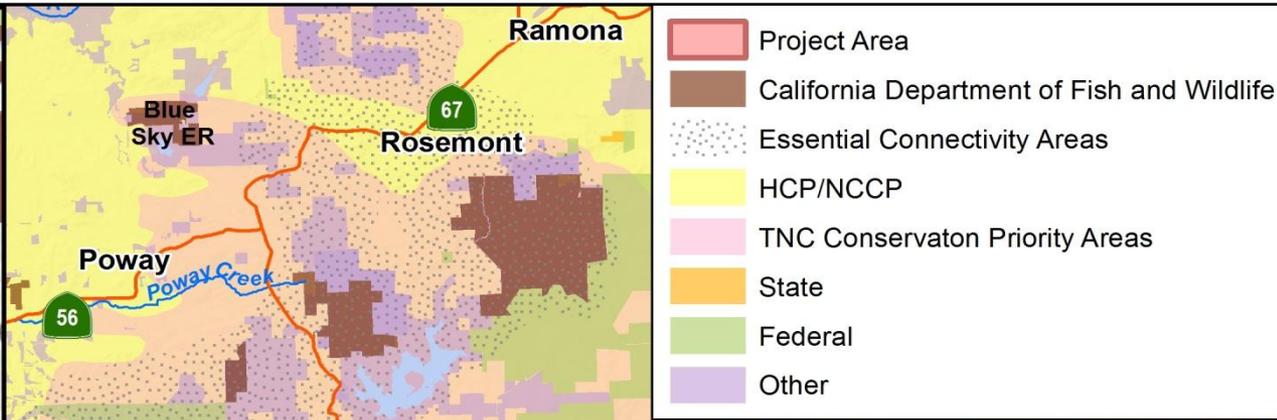
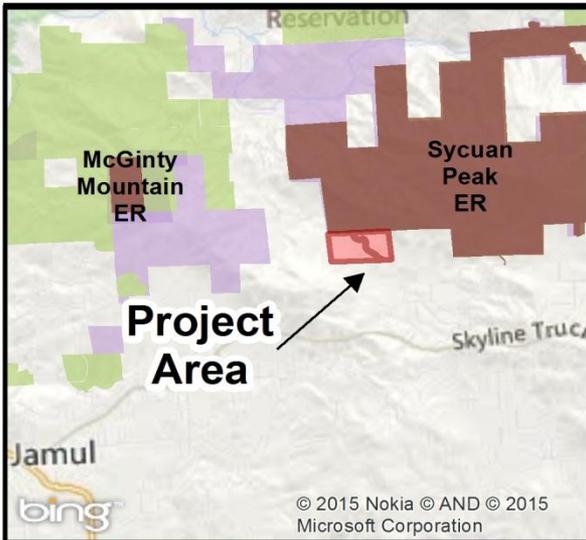


- The Evandel – Wilson property is located in a Rural Mountainous zone. Prior to its acquisition, the property could have been divided into eight possible homesites.

#12. Western Riverside MSHCP (2013), Evandel-Wilson



- This parcel will provide habitat for State and federally listed species such as the least Bell's vireo, southeastern willow flycatcher, Stephen's kangaroo rat and others.



**County of San Diego
Multiple Species Conservation Plan 2011
(PWRG)
San Diego County**

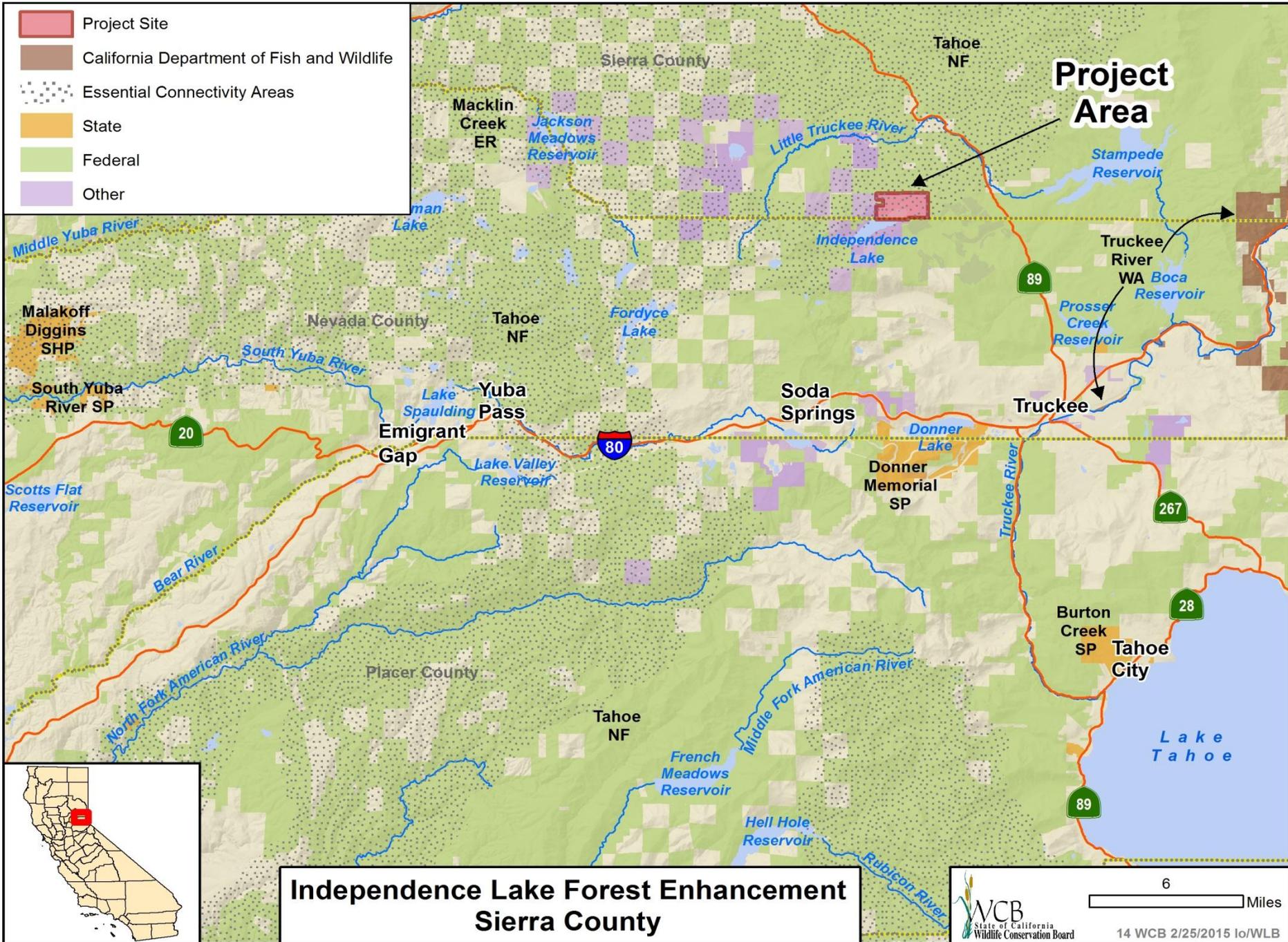
#13. County of San Diego Multiple Species Conservation Plan 2011 (PWRG)



#13. County of San Diego Multiple Species Conservation Plan 2011 (PWRG)



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



Project Area

**Independence Lake Forest Enhancement
Sierra County**



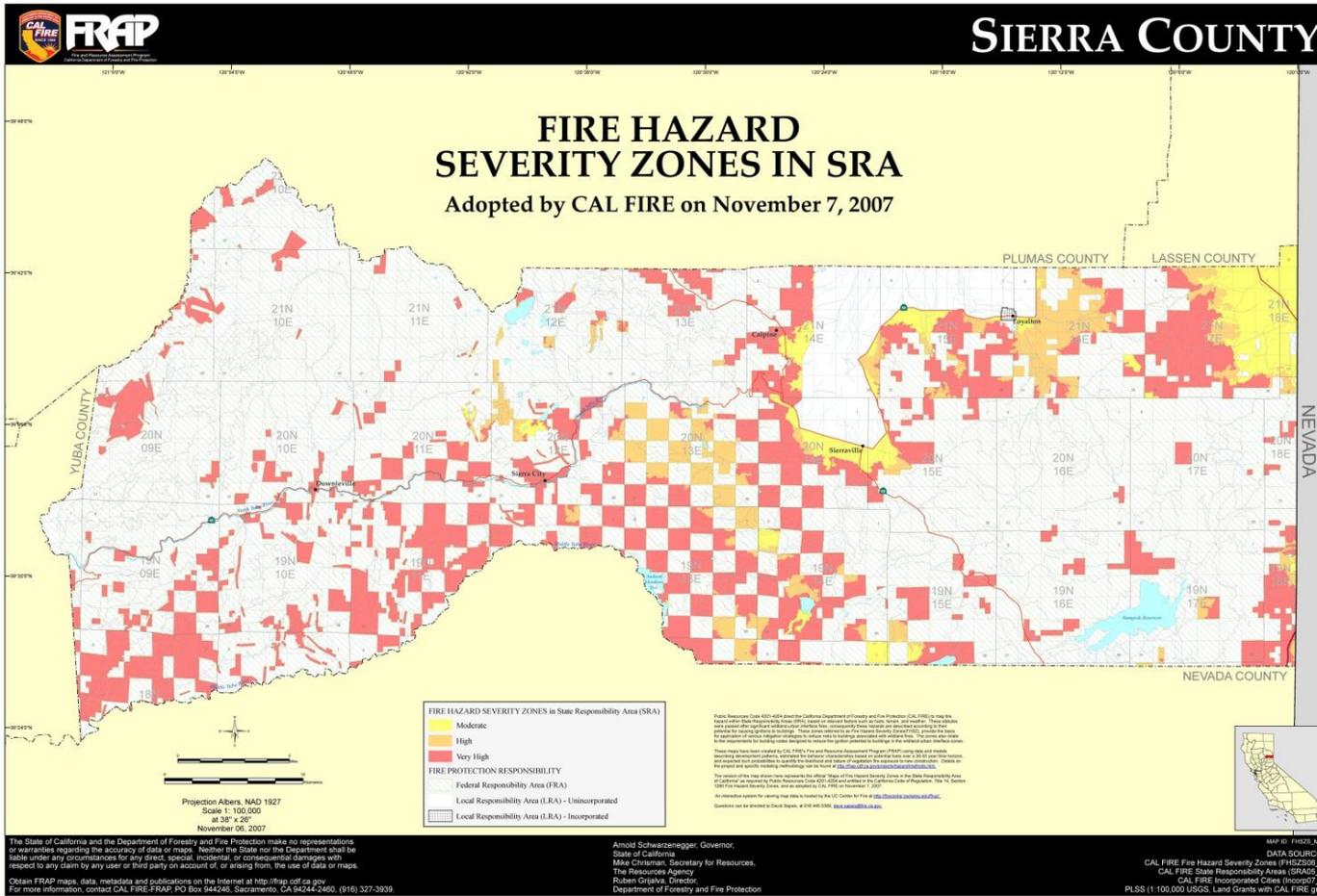
6 Miles

#14. Independence Lake Forest Enhancement



- Forest with high fuel loads

#14. Independence Lake Forest Enhancement



- CalFire Fire Hazard Severity Zones for Sierra County

#14. Independence Lake Forest Enhancement



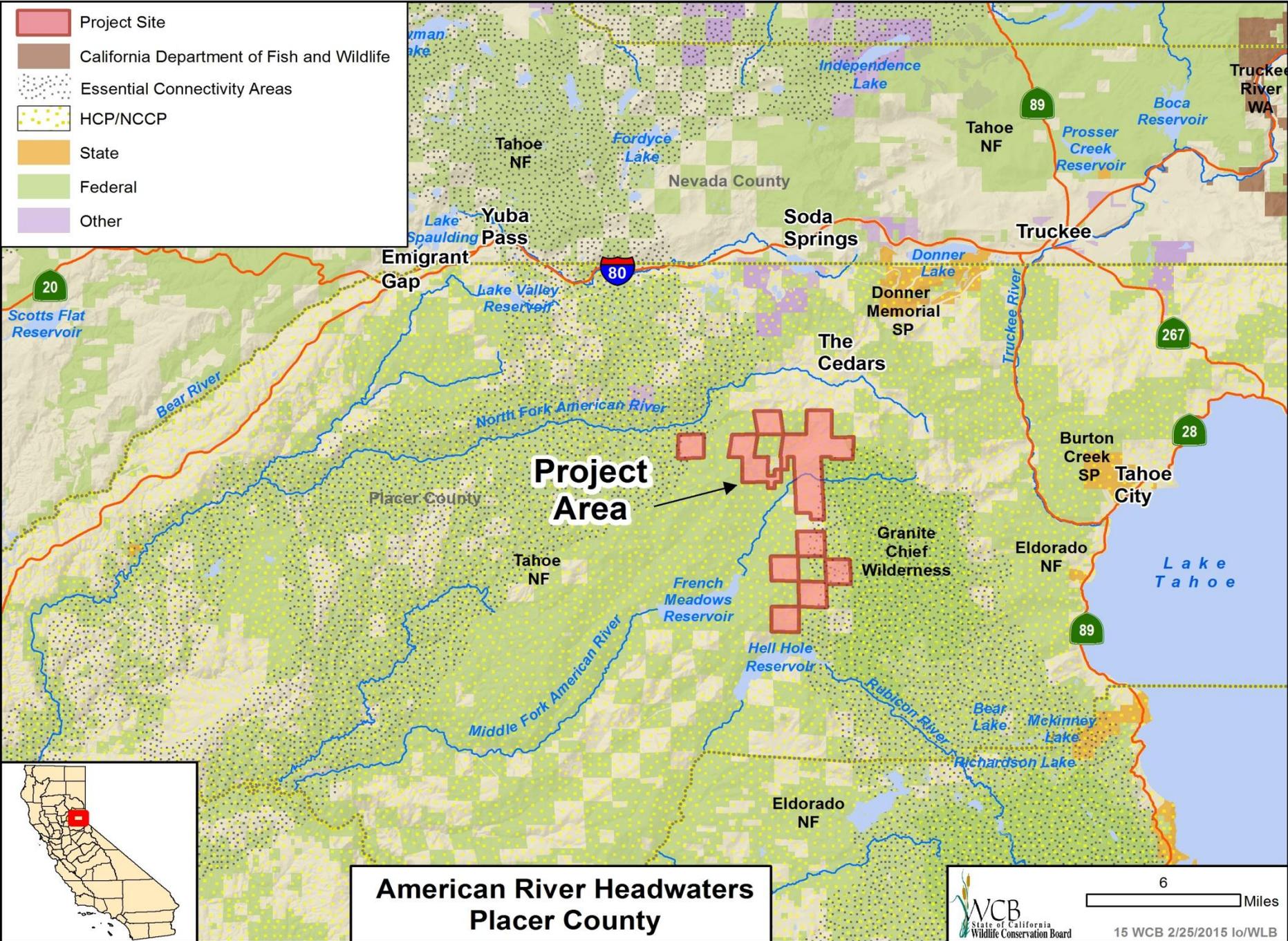
- Pre-thinning

#14. Independence Lake Forest Enhancement



- Same location post-thinning

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



Project Area

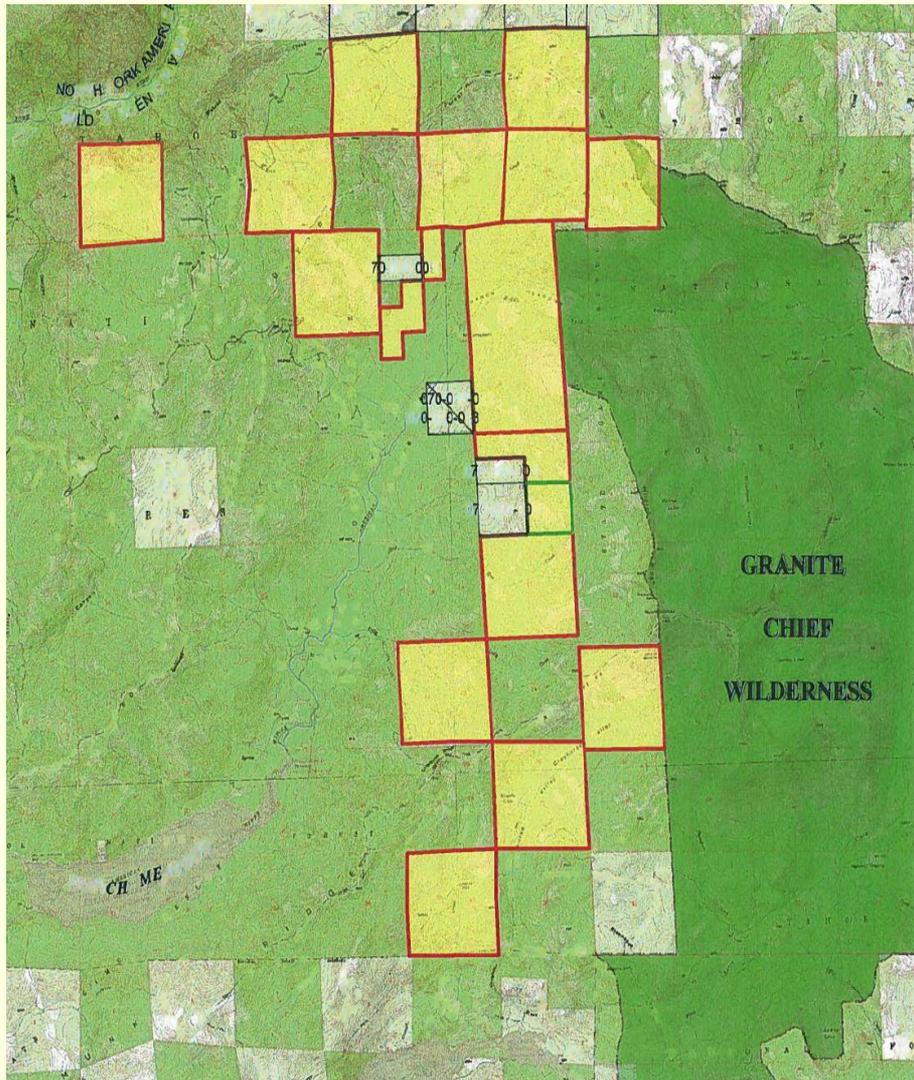
**American River Headwaters
Placer County**



6 Miles

15 WCB 2/25/2015 lo/WLB

#15. American River Headwaters



- The Property is comprised of 17 parcels that form a fractured checkerboard appearance.

#15. American River Headwaters



Photo courtesy of American River Conservancy

- Grayhorse Creek (Section 25)

#15. American River Headwaters



- There are five blue ribbon trout streams that collectively produce over 4,200 native young rainbow trout per mile

#15. American River Headwaters



Photo courtesy of American River Conservancy

- Talbot Creek (Section 35)

#15. American River Headwaters



- Mountain Meadow (Section 1)

#15. American River Headwaters

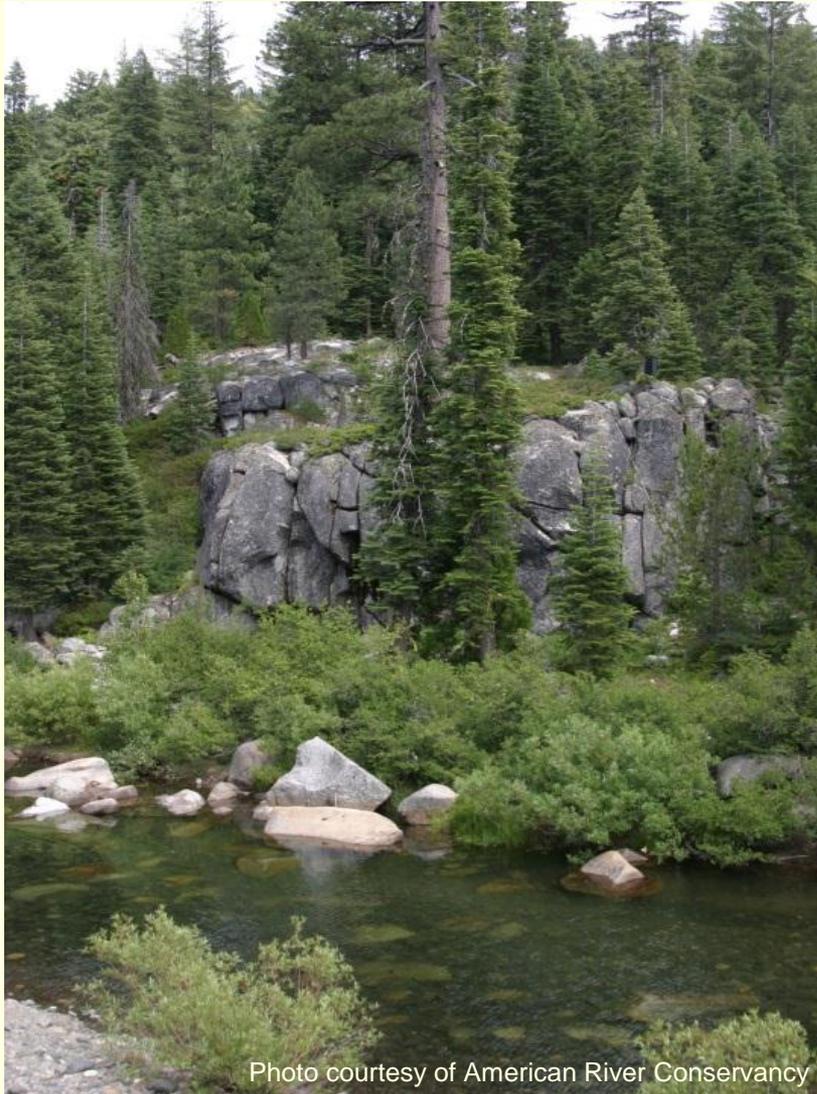
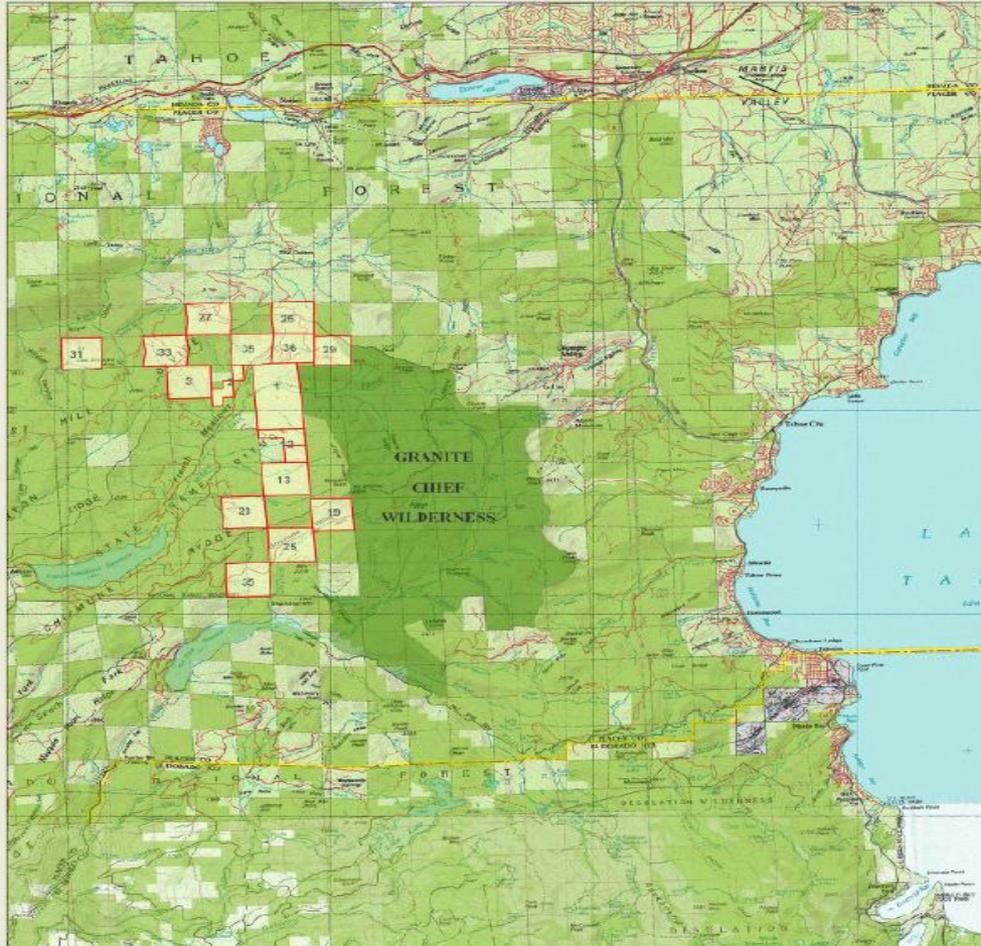


Photo courtesy of American River Conservancy

- Upper Middle Fork (Section 1)

#15. American River Headwaters



Granite Chief Wilderness Campaign

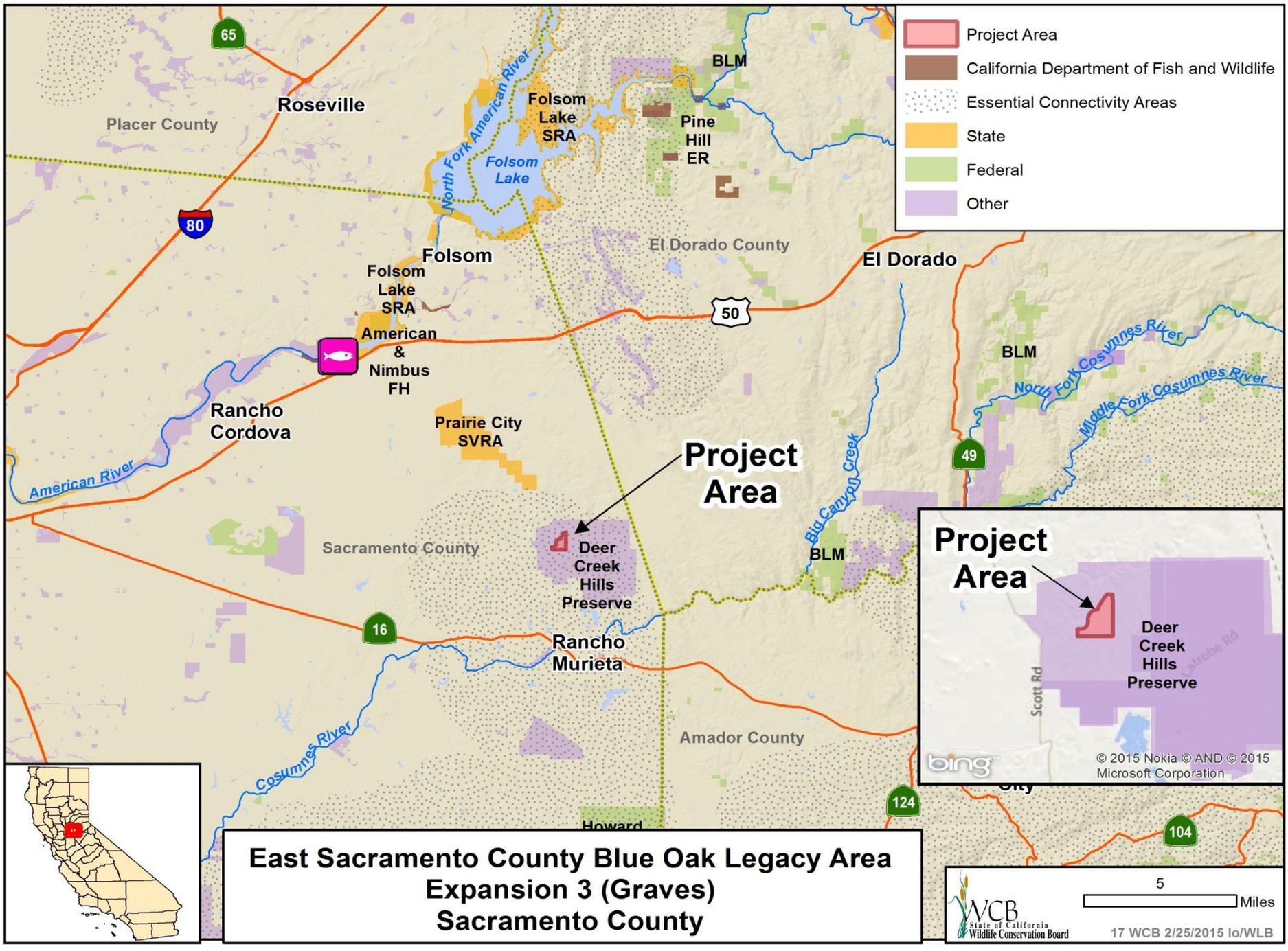
- Subject Property (10,115 acres)
- Wilderness Area
- US Forest Service



Map Date: October 24, 2013
Map Data Courtesy of:
United States Forest Service
United States Geological Survey
Geo/Wac

#16. Napa-Sonoma Marshes Wildlife Area
Lower Napa River Unit, Ponds 6, 6A, 7, 7A and 8

- **This Project was withdrawn from consideration at this time.**

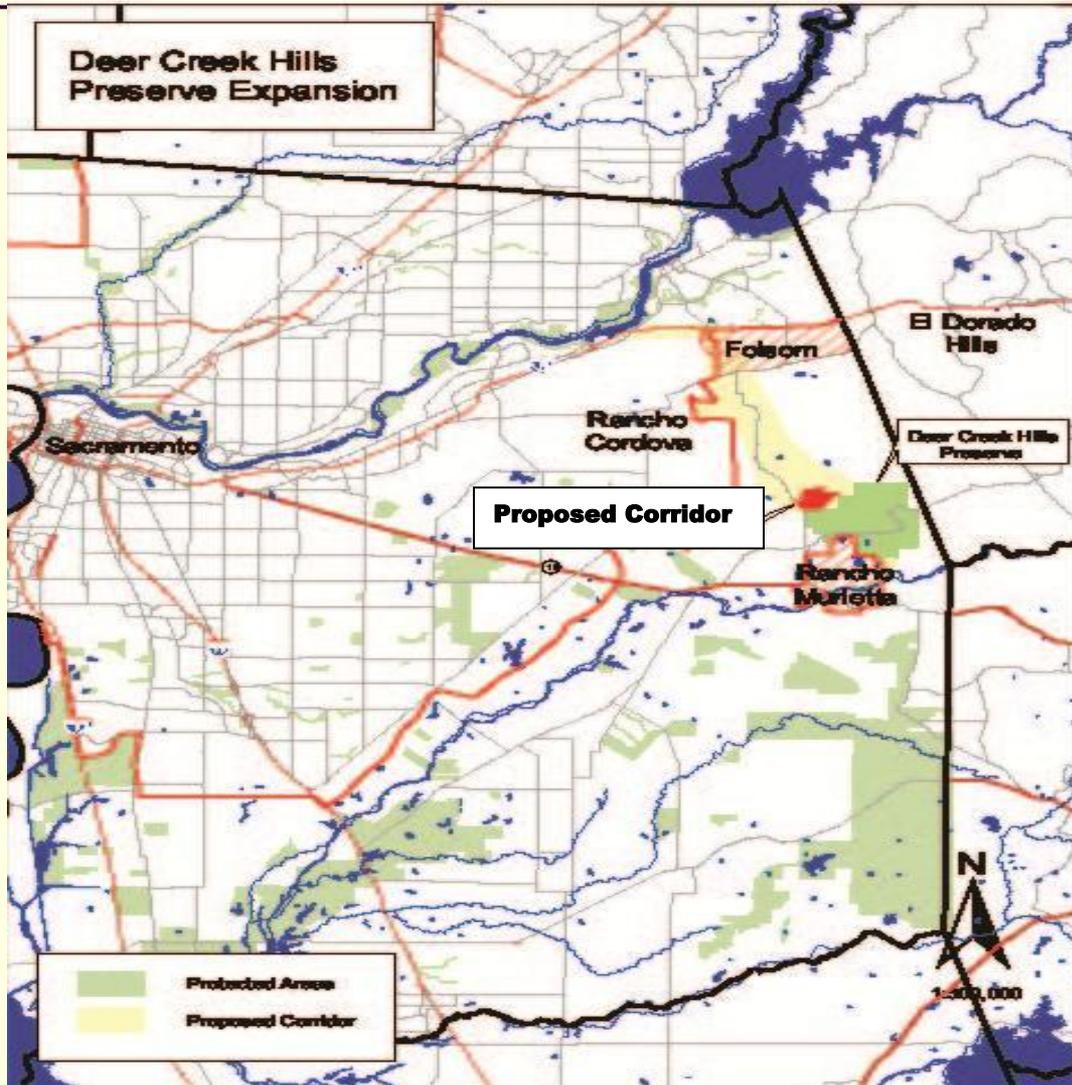


- Project Area
- California Department of Fish and Wildlife
- Essential Connectivity Areas
- State
- Federal
- Other



**East Sacramento County Blue Oak Legacy Area
Expansion 3 (Graves)
Sacramento County**

#17. East Sacramento County Blue Oak Legacy Area, Expansion 3 (Graves)



#17. East Sacramento County Blue Oak Legacy Area, Expansion 3 (Graves)



- Easterly view of the property with a small barn in the background

#17. East Sacramento County Blue Oak Legacy Area, Expansion 3 (Graves)



- Southerly view of the property with oak savannah

#17. East Sacramento County Blue Oak Legacy Area, Expansion 3 (Graves)



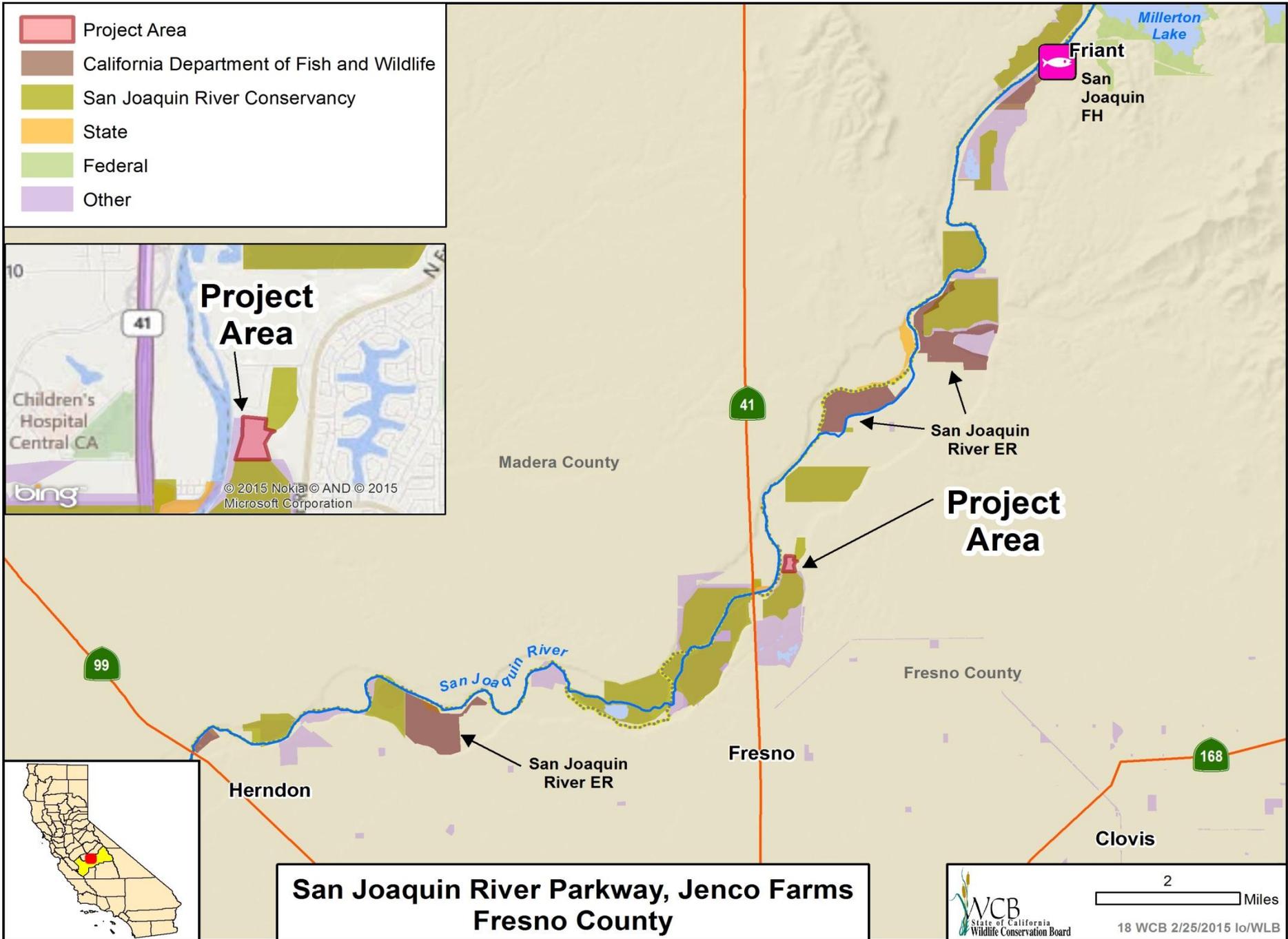
- Westerly view of the property with a permanent pond in the background

#17. East Sacramento County Blue Oak Legacy Area, Expansion 3 (Graves)



- Youth group participating in the YES (Youth, Education, and Stewardship) program administered on the Deer Creek Hills Preserve

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



**San Joaquin River Parkway, Jenco Farms
Fresno County**

#18. San Joaquin River Parkway, Jenco Farms



#18. San Joaquin River Parkway, Jenco Farms



#18. San Joaquin River Parkway, Jenco Farms

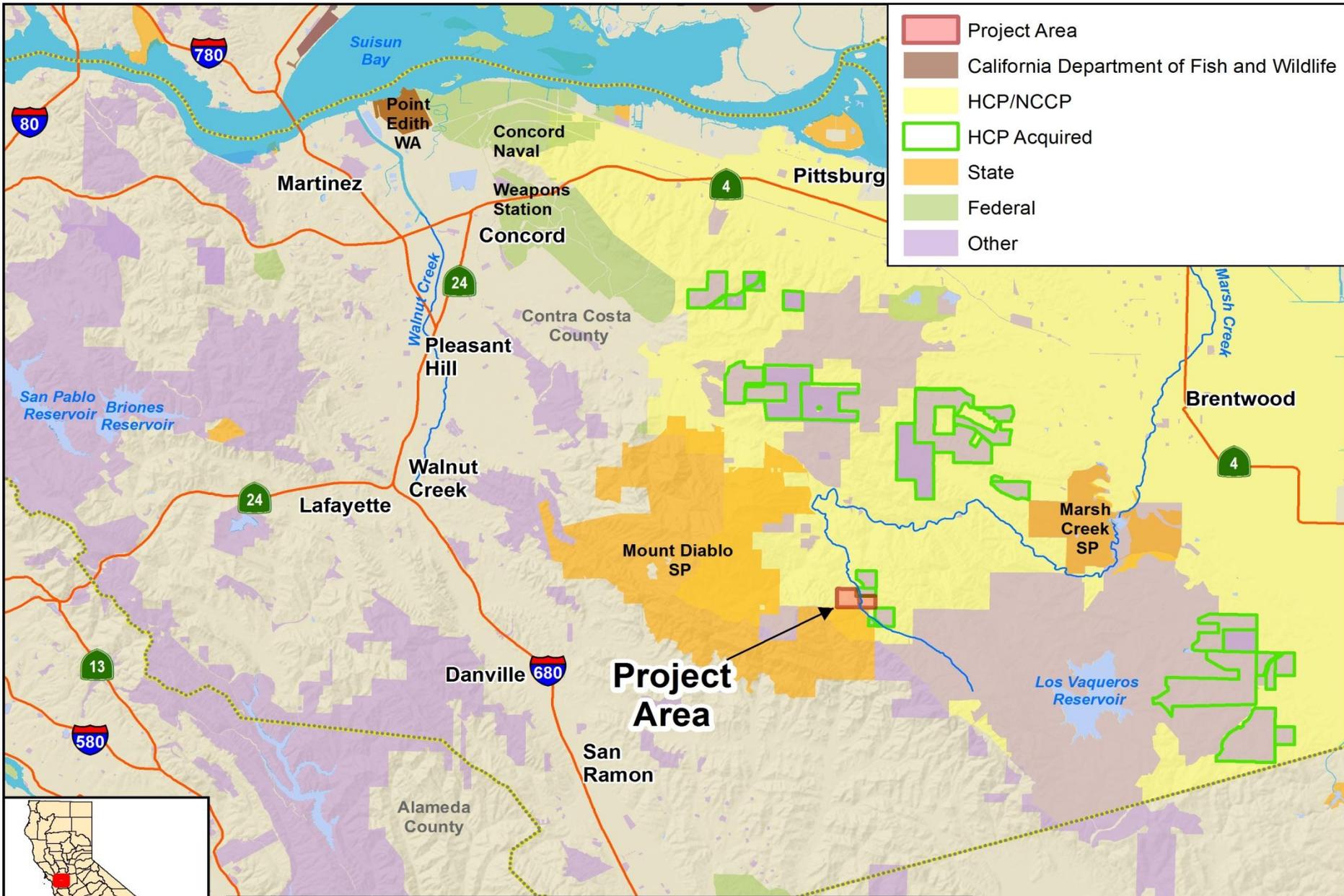


#18. San Joaquin River Parkway, Jenco Farms



#18. San Joaquin River Parkway, Jenco Farms





**East Contra Costa County HCP/NCCP (Viera/Perley)
Contra Costa County**

#19. East Contra Costa County NCCP/HCP (Viera/Perley)



- Grassland and oak woodland

#19. East Contra Costa County NCCP/HCP (Viera/Perley)



- Young oak woodland

#19. East Contra Costa County NCCP/HCP (Viera/Perley)



- View of Mount Diablo

#19. East Contra Costa County NCCP/HCP (Viera/Perley)



- Oak savanna, oak woodland and grassland on the eastern portion of the property



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

Project Area

**Santa Cruz and Santa Rosa Islands
Habitat Enhancement
Santa Barbara County**

10 Miles

20 WCB 2/25/2015 Io/WLB

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



- Santa Cruz Island: Landscape recovering from past vegetation impacts

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



- Santa Rosa Island, rare Torrey Pines

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



- Helicopter-assisted weed surveys and eradication

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



- Staff treating Pampas grass

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



Photo courtesy of The Nature Conservancy

- Vegetation mapping, study plots

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement



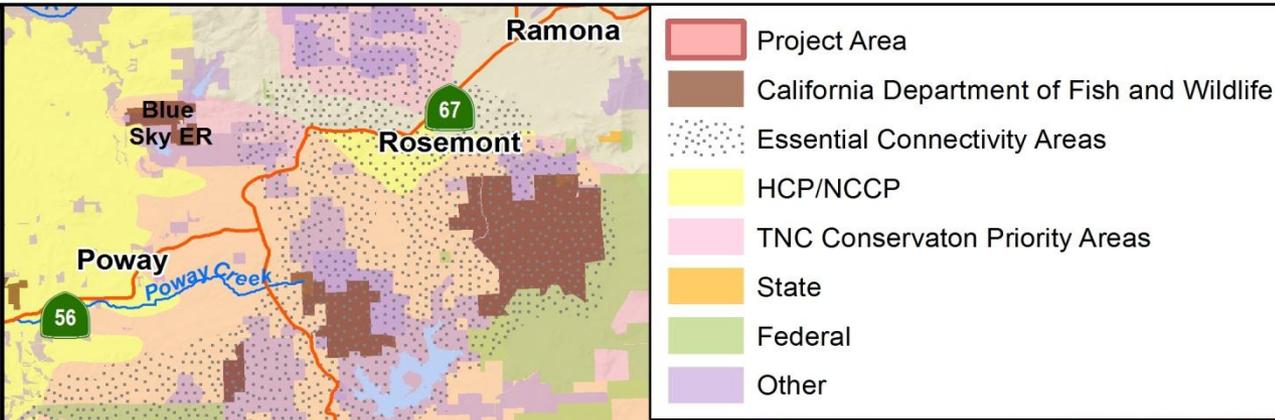
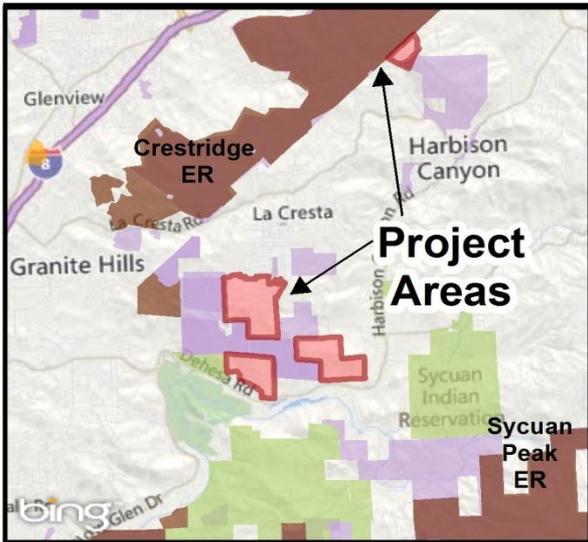
- Pampas grass removal before and after. In 2014, site is covered with rare stream orchids, post-treatment.

#20. Santa Cruz and Santa Rosa Islands Habitat Enhancement

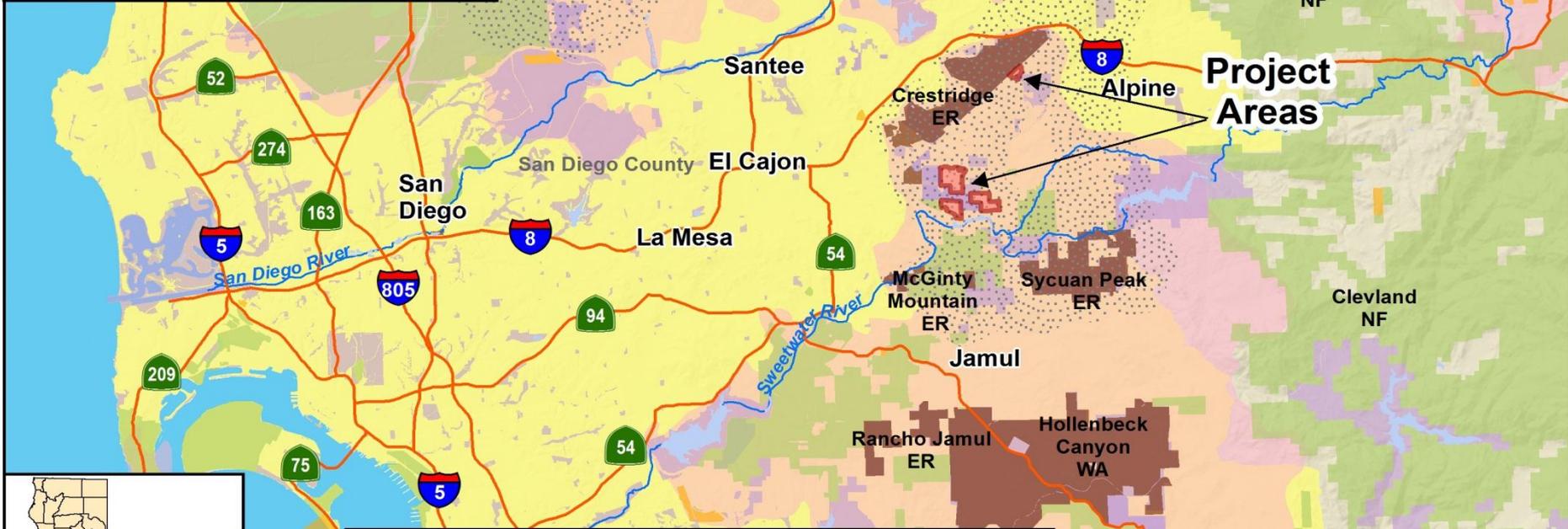


- Endemic Santa Cruz Island fox

Photo courtesy of Stephen Francis



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



**County of San Diego
Multiple Species Conservation Plan 2011
(multiple parcels)
San Diego County**

WCB
State of California
Wildlife Conservation Board

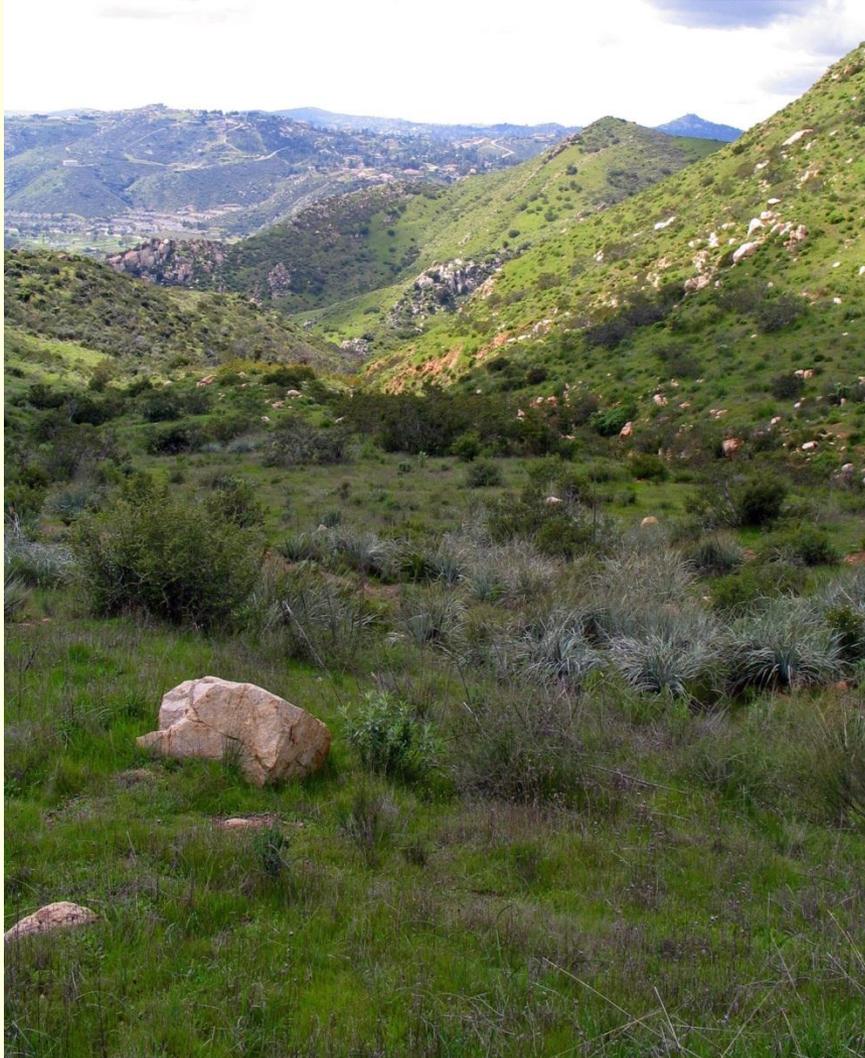
5 Miles

21 WCB 2/25/2015 lo/WLB

#21. County of San Diego Multiple Species Conservation Plan 2011 (multiple parcels)



#21. County of San Diego Multiple Species Conservation Plan 2011 (multiple parcels)



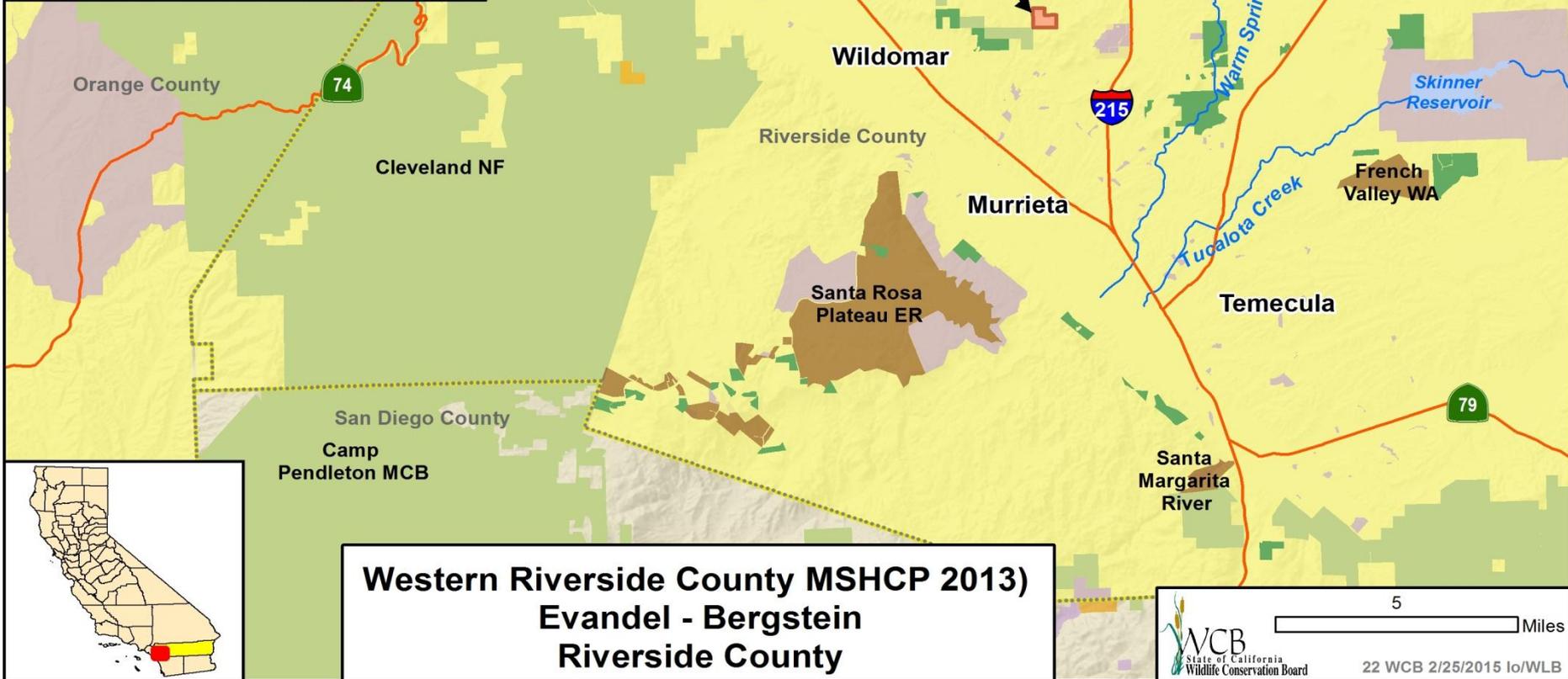
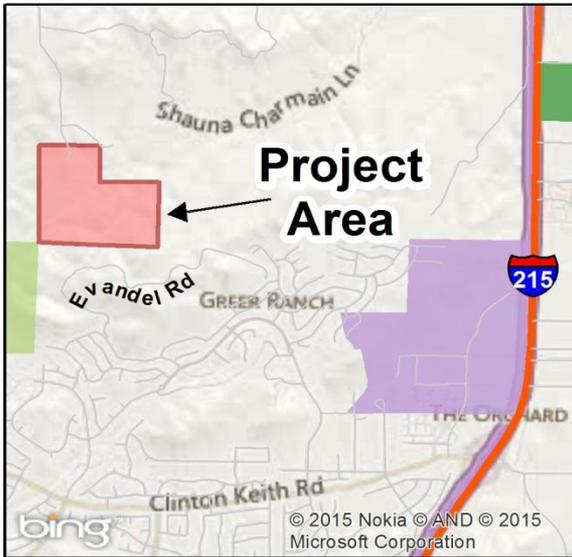
#21. County of San Diego Multiple Species Conservation Plan 2011 (multiple parcels)



- State endangered Dehesa bear grass found on property

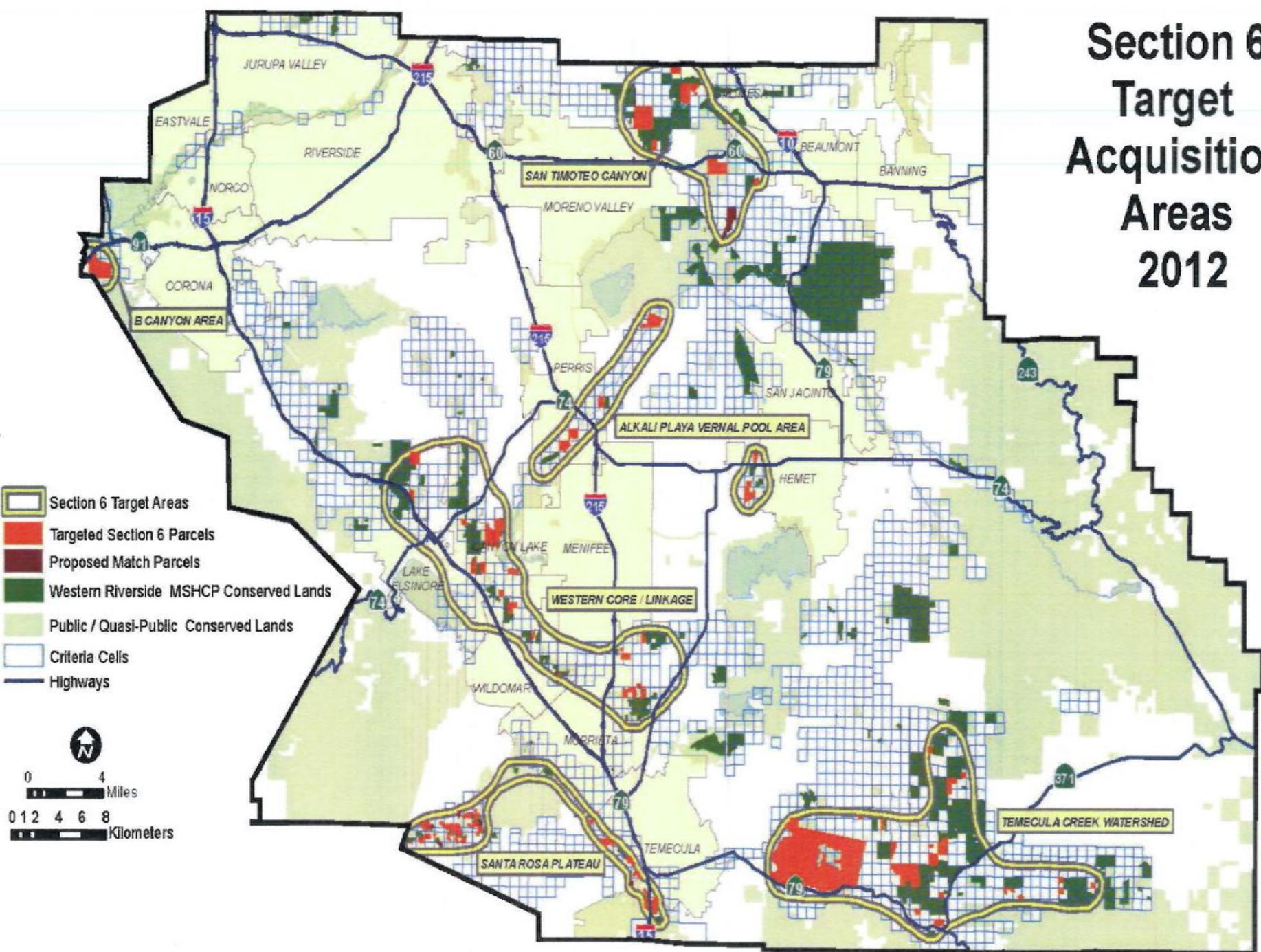
#21. County of San Diego Multiple Species Conservation Plan 2011 (multiple parcels)



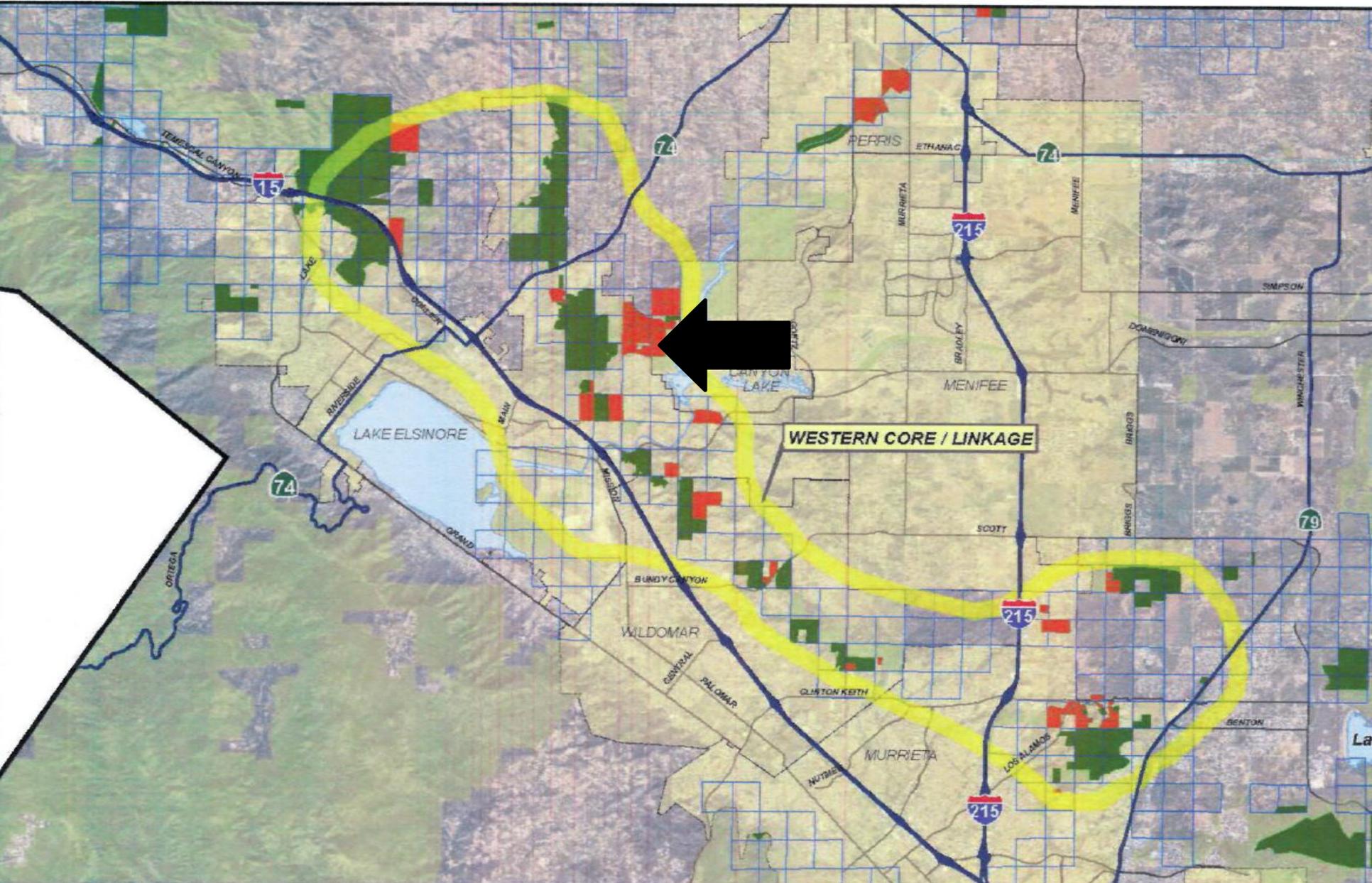


**Western Riverside County MSHCP 2013)
Evandel - Bergstein
Riverside County**

Section 6 Target Acquisition Areas 2012



Western Core / Linkage



#22. Western Riverside MSHCP (2013) Evandel - Bergstein



- Evandel-Bergstein property as seen from Evandel Road

#22. Western Riverside MSHCP (2013) Evandel - Bergstein

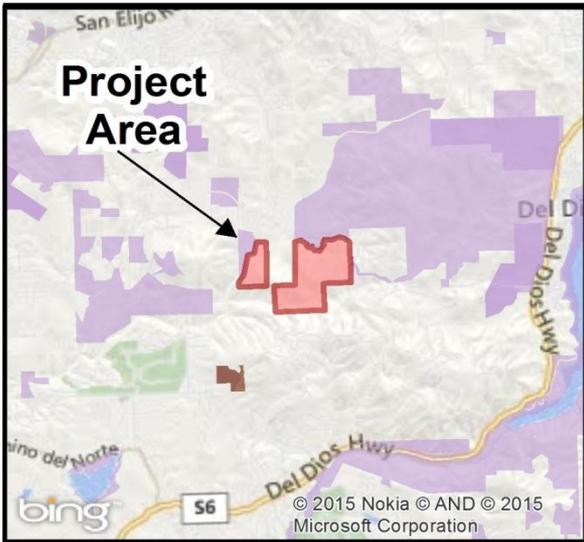


- The topography of property is typical of properties located in Western Core Linkage area of the Multi-Species plan. The property is covered with coastal sage scrub and other native plants on a gently sloping to steep terrain.

#22. Western Riverside MSHCP (2013) Evandel - Bergstein



- Closer view of the native grasses and bushes on the property



- Project Area
- California Department of Fish and Wildlife
- HCP/NCCP
- TNC Conservaton Priority Areas
- State
- Federal
- Other



**Habitat Conservation Plan Land Acquisition
City of Carlsbad (Cielo del Norte, Phase II)
San Diego County**

WCB
State of California
Wildlife Conservation Board

5 Miles

23 WCB 2/25/2015 lo/WLB

#23. Habitat Conservation Plan Land Acquisition, City of Carlsbad (Cielo del Norte, Phase II)



Photo courtesy of The Conservation Fund

- Oaks found on Property

#23. Habitat Conservation Plan Land Acquisition, City of Carlsbad (Cielo del Norte, Phase II)



- Riparian habitat found on property

#23. Habitat Conservation Plan Land Acquisition,
City of Carlsbad (Cielo del Norte, Phase II)



#23. Habitat Conservation Plan Land Acquisition, City of Carlsbad (Cielo del Norte, Phase II)



- Wildlife found on property

2.2 Eligible Project Types

WCB will allocate Program funds to projects that enhance stream flows and are consistent with objectives and actions outlined in the California Water Action Plan, with emphasis on ecosystem restoration.

Examples of potentially eligible project types are identified below. The examples should not be viewed as exhaustive lists of eligible project types. Specifics concerning eligible projects may vary and will be documented in the PSP.

- Water Transactions (e.g., changes to a stream's hydrograph through a lease, transfer, seasonal exchange)
 - Change of use petitions to benefit fish and wildlife
 - Surface and groundwater storage
 - Forbearance of water right
 - Changes in water management
 - Fans for frost protection
- Acquisition of water – permanent and long-term (not less than 20 years) dedications instream
- Habitat restoration projects (e.g., weed eradication, wet meadow restoration, forest thinning, etc.) that reshape stream hydrograph
- Studies to evaluate instream flow needs, identify priority streams or evaluate temperature needs
- Streamflow gauging
- Water efficiency generally – Irrigation efficiency and water infrastructure improvements (e.g., diversion, conveyance, and on farm projects) that save water and enable reshaping of the stream hydrograph
- Improved surface and ground water management
- Conjunctive use and groundwater storage banks
- Reconnecting flood flows with restored flood plains
- Reservoir operations both at existing and new storage sites

3.2.4 Project Selection and Evaluation Criteria

Proposals will be ranked according to procedures outlined in each PSP, which will include, among other criteria, all of the following:

- Clear project description with design, goals, milestones, tasks and timelines
- Clear demonstration of how the project will measurably enhance stream flows at a time and location necessary to provide fisheries or ecosystem benefits or improvements that improve upon existing flow conditions and are greater than required applicable environmental mitigation measures or compliance obligations
- Qualifications, experience, and capacity of the applicant to perform the proposed tasks
- Probability of success (e.g., does the proposal address site conditions, technologies, and projected future management to assure long-term success?)
- Habitat linkages
- Project significance (e.g., does the project provide long-term benefits to fish and wildlife, is it consistent with other conservation strategies?)
- Application addresses how global climate change might affect the project's long-term impacts or benefits
- Public support (e.g., does the project support regional plans, is there local community support through volunteer efforts or local in-kind commitment, is there public use?)

3.2.4 Project Selection and Evaluation Criteria cont...

- Project readiness (e.g., are landowners fully supportive, what is status of environmental review and permitting, is the water right transfer timeline reasonable, are there any outstanding issues (e.g., hazardous materials)?)
- Importance of prompt implementation (e.g., is there development risk, are there ongoing environmental concerns that will be exacerbated if nothing is done now, are there other funding sources that are at risk of being lost if the project is delayed?)
- Assurances of how the enhanced stream flow will be protected against diversion by other water users (if necessary) in the defined reach during the defined period of use
- Co-benefits (will the project provide multiple realistic and significant benefits that can be quantified and measured, and will deliver sustainable outcomes in the long-term?)
- Project match (is there a commitment of significant local, federal, private or other State funds?)
- Scientific basis (is project is based on best available science?)
- Monitoring (is there a plan and commitment and funding to assess and assure long-term (at least 20 years) project success?)
- How is the project location and anticipated outcome consistent with WCB's 2014 Strategic Plan, the California Water Action Plan, and other appropriate state and federal plans?