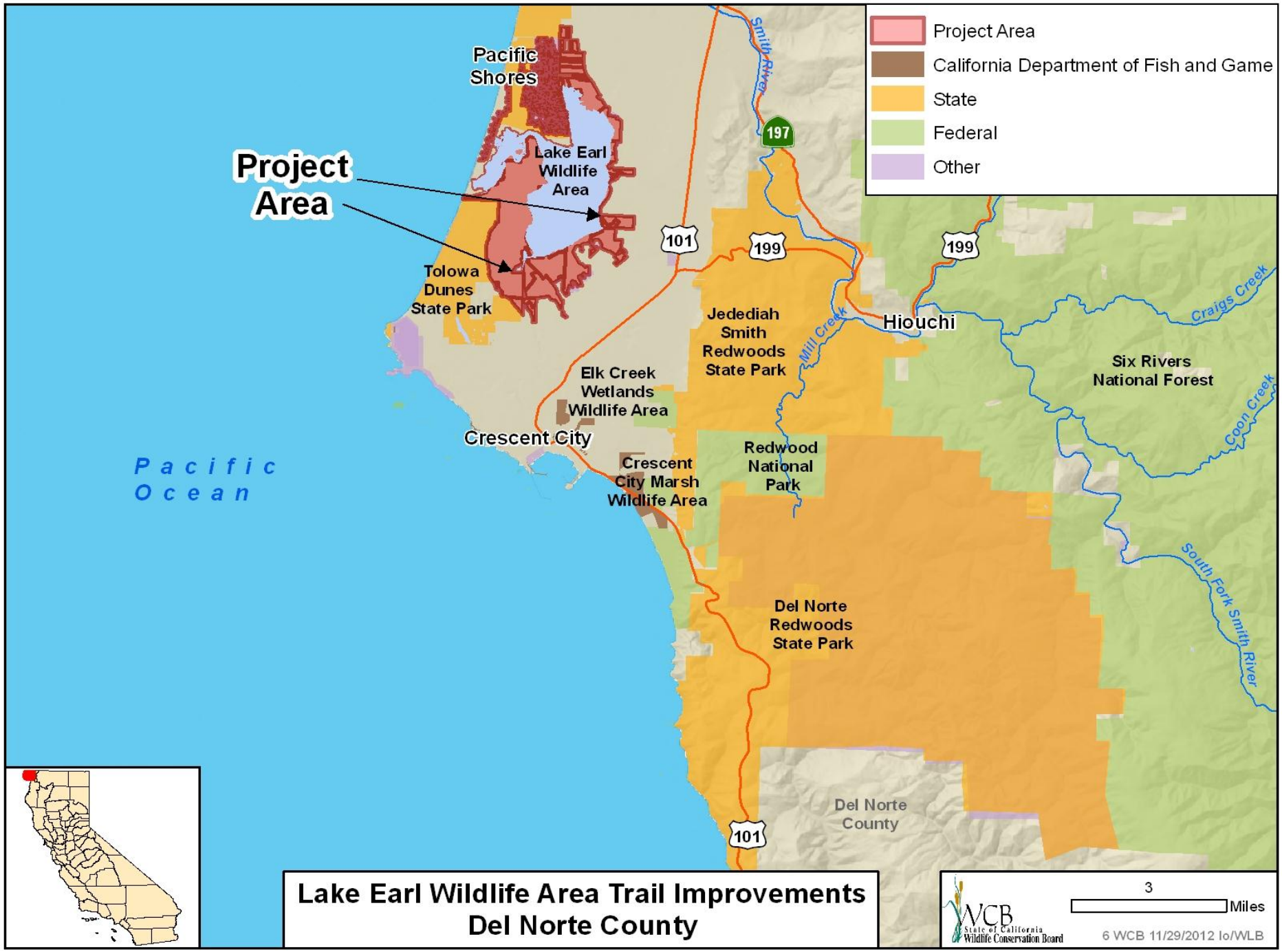
# November 29, 2012
# Wildlife Conservation Board Meeting
# 10:00 AM, State Capitol, Room 112
# Sacramento, California 95814

Joshua Tree San Bernardino County
Photo Courtesy of Mohave Desert Land Trust




# Lake Earl Wildlife Area Trail Improvements
# Del Norte County

# #6. Lake Earl Wildlife Area Trail Improvements Del Norte County

- Signs and Kiosks at the wildlife area are in need of replacement

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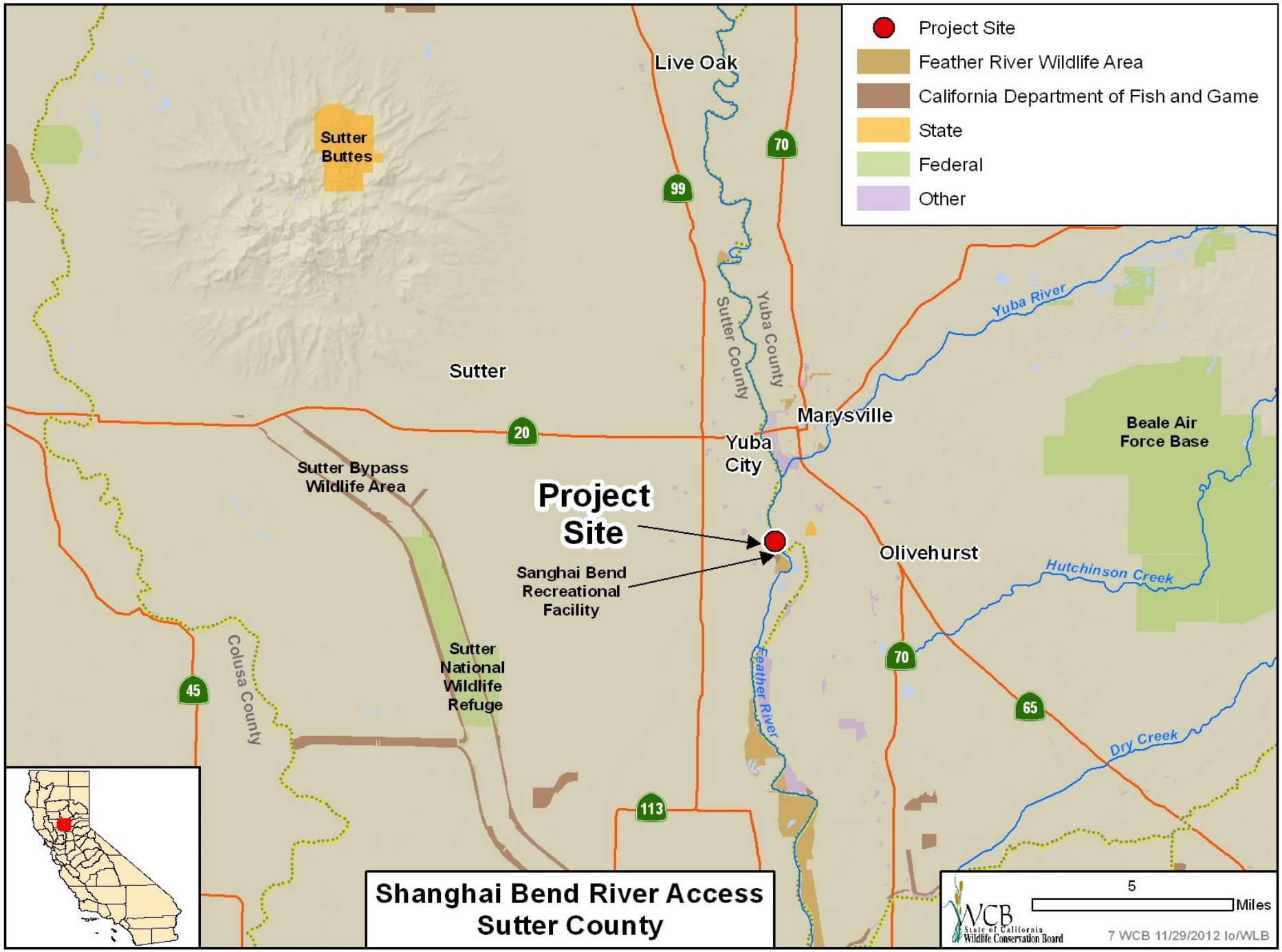
- Signs and Kiosks at the wildlife area are in need of replacement


Project Site
Feather River Wildlife Area
California Department of Fish and Game
State
Federal
Other
Live Oak
Sutter Buttes
70
99
Sutter County
Yuba County
Yuba River
Sutter
Marysville
Beale Air Force Base
20
Yuba City
Sutter Bypass Wildlife Area
Project Site
Olivehurst
Sanghai Bend Recreational Facility
Hutchinson Creek
Colusa County
Sutter National Wildlife Refuge
Feather River
45
65
Dry Creek
113
Shanghai Bend River Access
Sutter County
5
Miles
WCB State of California Wildlife Conservation Board
7 WCB 11/29/2012 lo/WLB

# #7. Shanghai Bend River Access Sutter County

- View of Property from levee looking east. Dirt trail is approximate border of Shanghai Bend Recreational Facility

# #7. Shanghai Bend River Access Sutter County

- Property looking north

# #7. Shanghai Bend River Access Sutter County

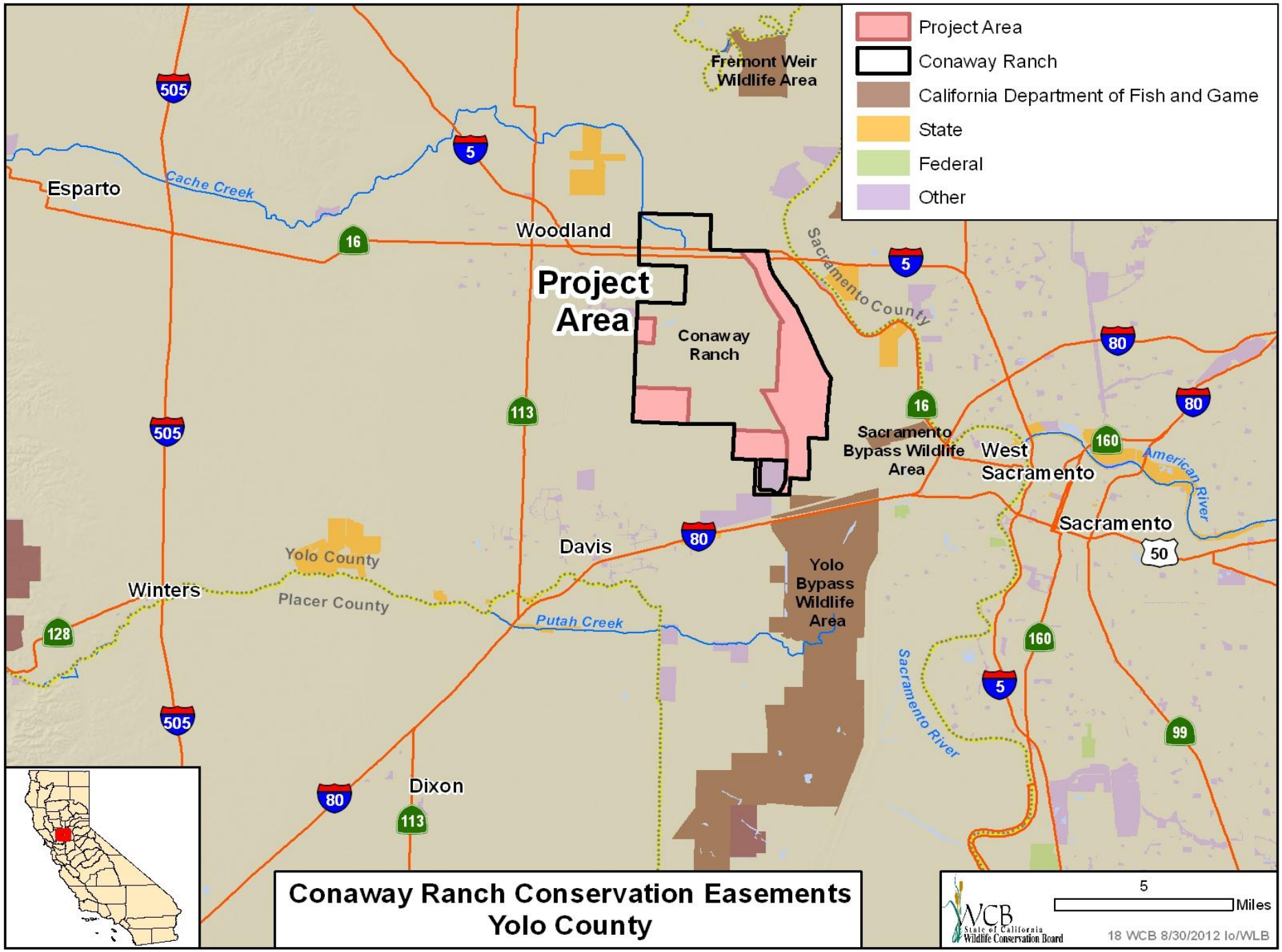
- Riverbank of property looking north from Shanghai Bend Recreational Facility

# #7. Shanghai Bend River Access Sutter County

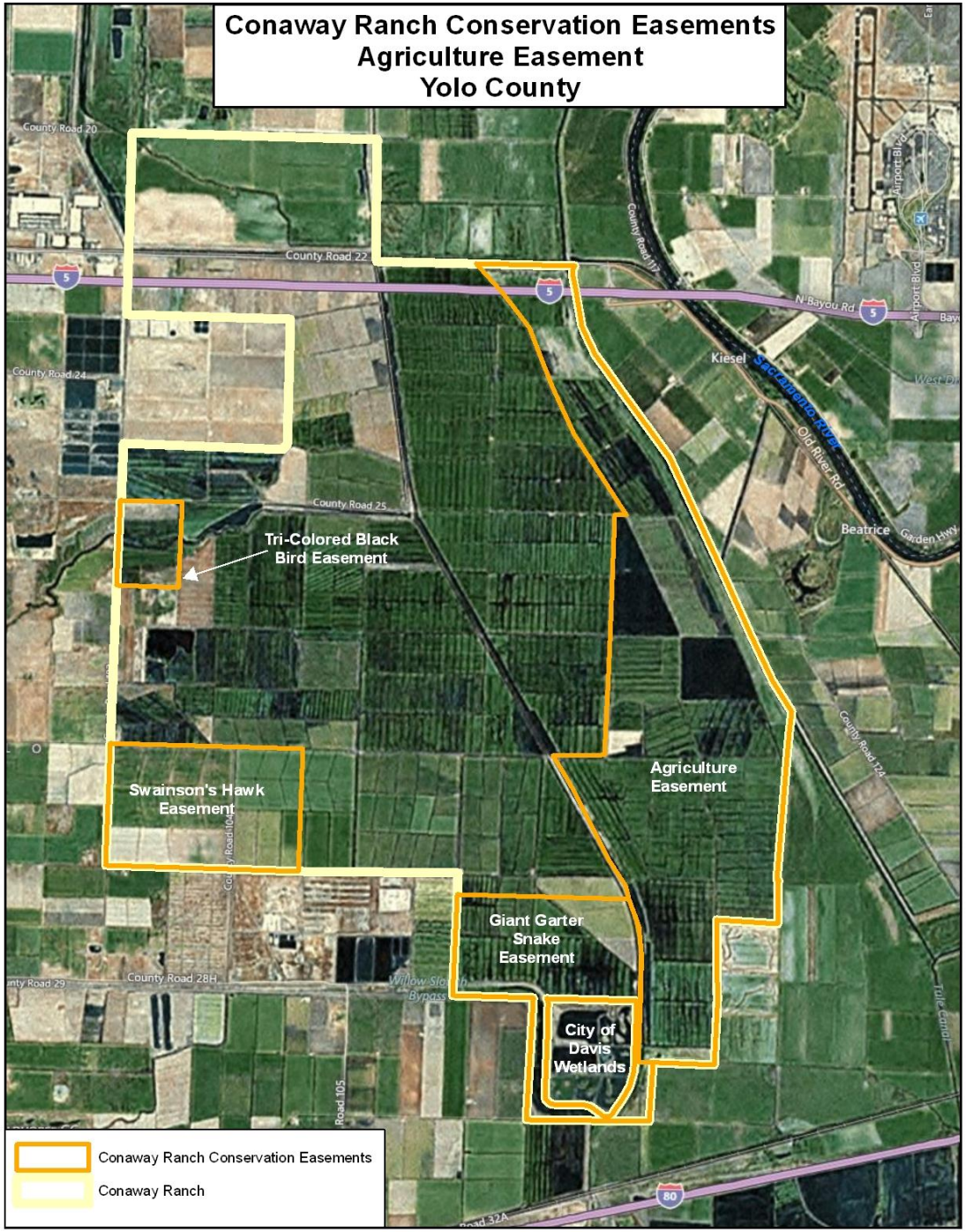
- Riverbank looking south from northern border of property

# #7. Shanghai Bend River Access Sutter County

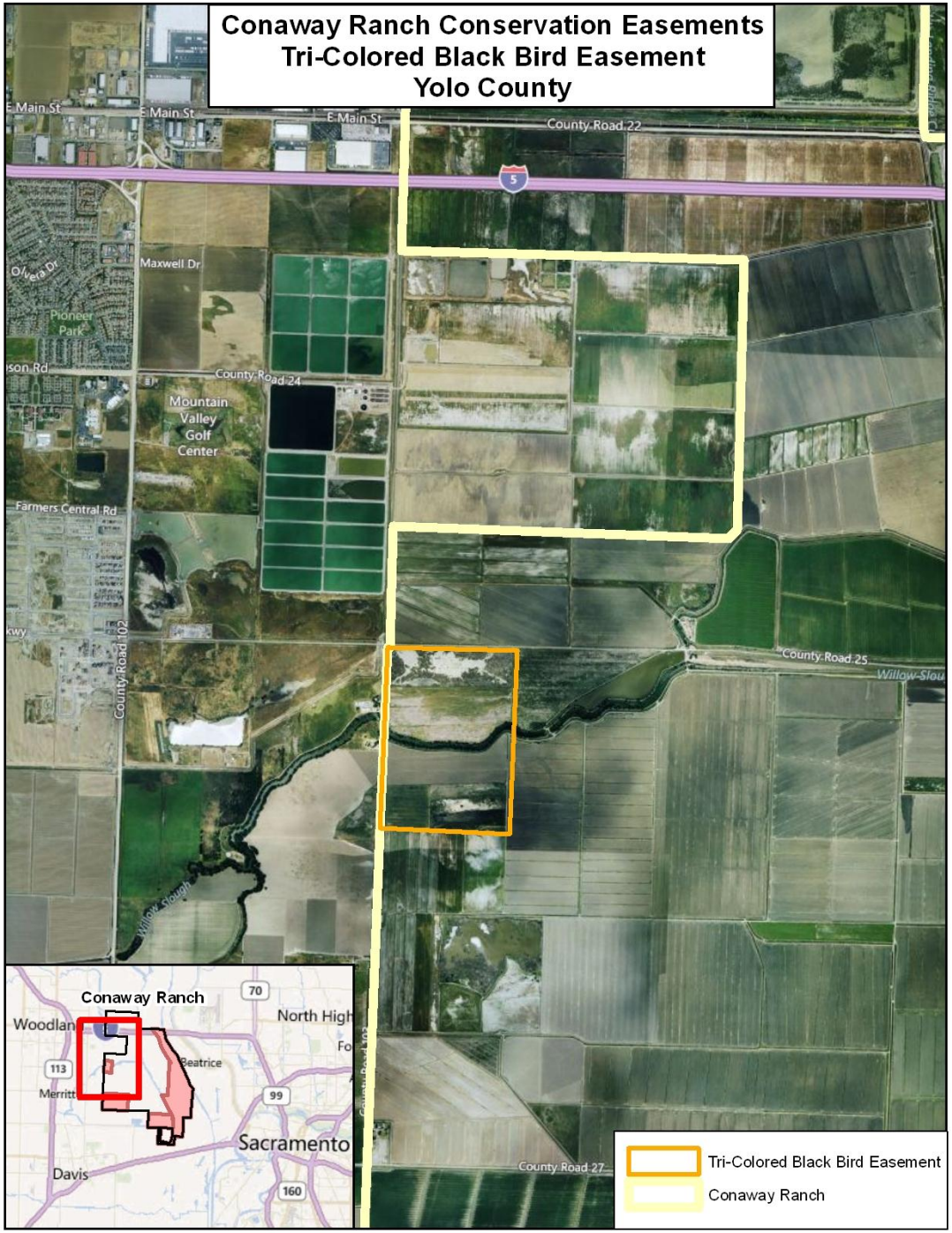
- Border of property and Shanghai Bend Recreational Facility



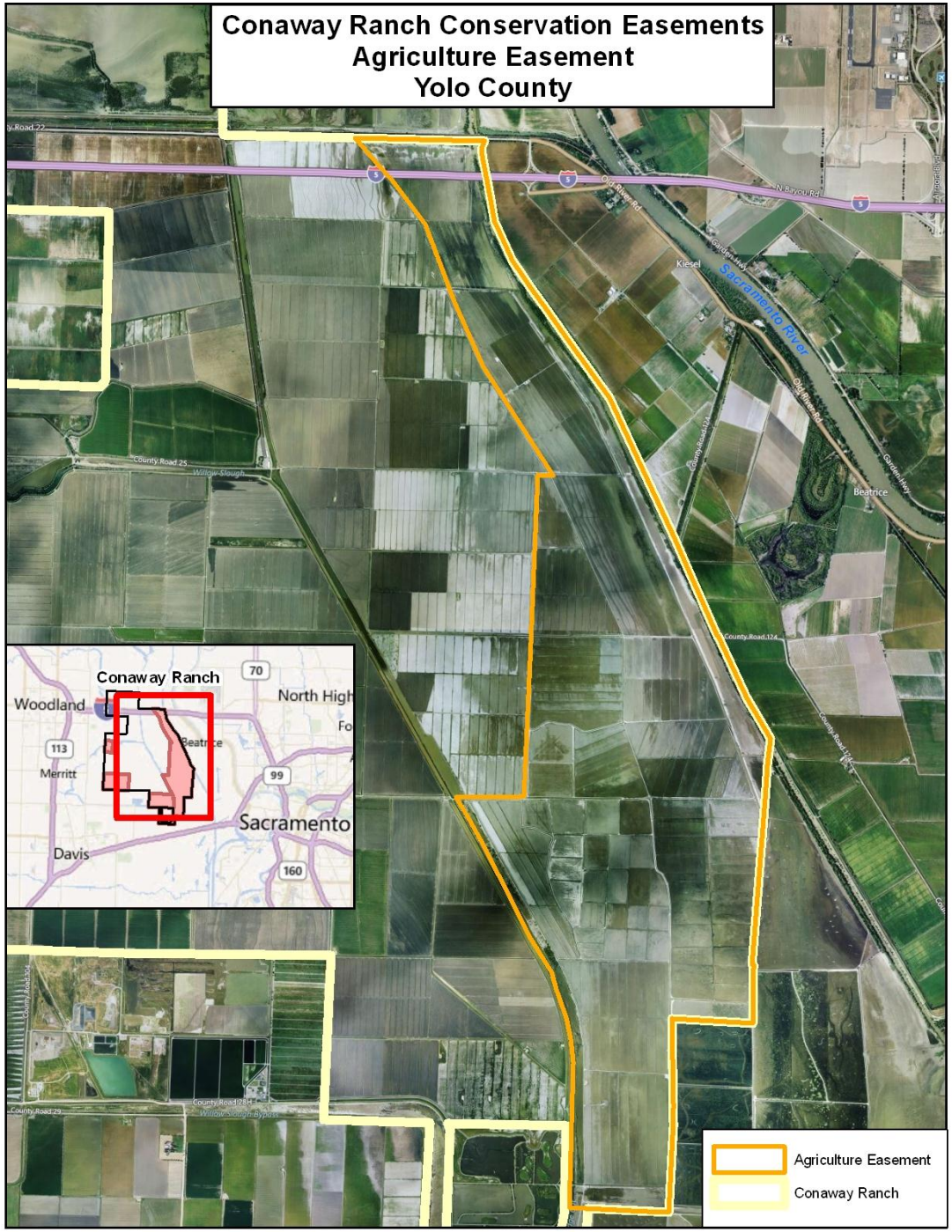

Conaway Ranch Conservation Easements
Yolo County


Conaway Ranch Conservation Easements
Agriculture Easement
Yolo County
Tri-Colored Black Bird Easement
Swainson's Hawk Easement
Agriculture Easement
Giant Garter Snake Easement
City of Davis Wetlands
Kiesel
Beatrice
Sacramento River
Old River Rd
N Bayou Rd
County Road 22
County Road 24
County Road 25
County Road 28H
County Road 20
County Road 117
County Road 124
Airport Blvd
Garden Hwy
Tule Canal
Conaway Ranch Conservation Easements
Conaway Ranch

Conaway Ranch Conservation Easements
Giant Garter Snake Easement
Yolo County
County Road 28H
Willow Slough Bypass
City of
Davis
Wetlands
County Road 30
County Road 105
Webster
County Road 32A
80
Conaway Ranch
Woodland
70
North High
113
Merritt
Beatrice
99
Sacramento
Davis
160
Giant Garter Snake Easement
Conaway Ranch


Conaway Ranch Conservation Easements
Tri-Colored Black Bird Easement
Yolo County
E Main St
County Road 22
5
Maxwell Dr
Pioneer Park
County Road 24
Mountain Valley Golf Center
Farmers Central Rd
County Road 102
County Road 25
Willow Slough
County Road 27
Conaway Ranch
Woodland
North High
Beatrice
Merritt
Sacramento
Davis
70
113
99
160
Tri-Colored Black Bird Easement
Conaway Ranch

Conaway Ranch Conservation Easements
Swainson's Hawk Easement
Yolo County
Willow Slough
County Road 26A
County Road 102
County Road 27
County Road 104
County Road 28H
County Road 29
County Road 105
E8
Conaway Ranch
Woodland
North High
Beatrice
Merritt
Sacramento
Davis
70
113
99
160
Swainson's Hawk Easement
Conaway Ranch


Conaway Ranch Conservation Easements
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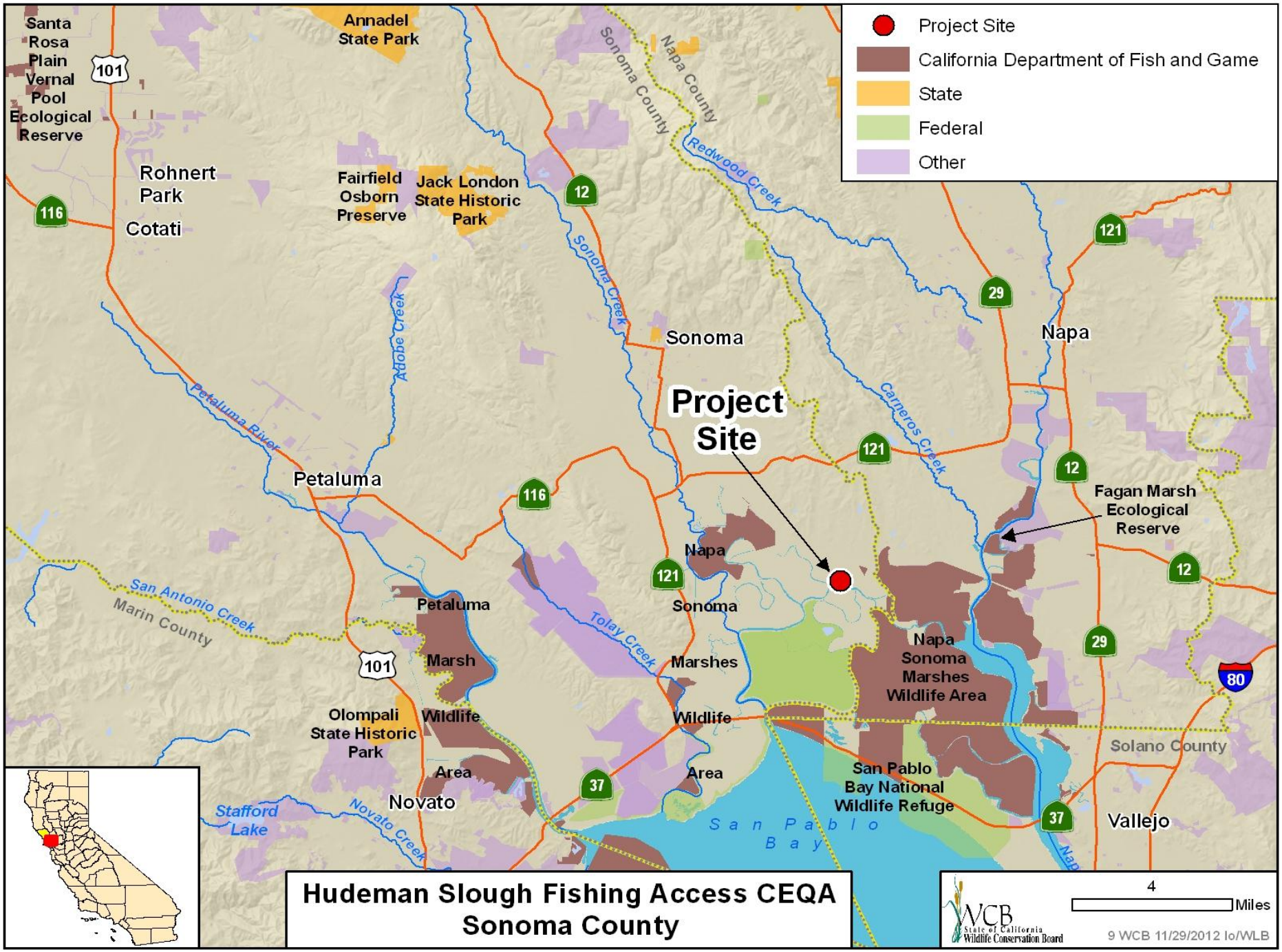
Beatrice
Sacramento
Davis
North High
70
113
99
160
Agriculture Easement
Conaway Ranch

# 8. Conaway Ranch Conservation Easement Yolo County

# 8. Conaway Ranch Conservation Easement Yolo County

**Valuation**

| | |
|---|---|
| **AG Easement** | |
| Before 4,000 acres @ $4,750/acre | $19,000,000 |
| After 4,000 acres @ $3,500/acre | 14,000,000 |
| Reduction of Value | $ 5,000,000 |
| | |
| **Swainson's Hawk Easement** | |
| Before 1,000 acres @ $7,000/acre | $7,000,000 |
| After 1,000 acres @ $ 4,000/acre | 4,000,000 |
| Reduction of Value | $ 3,000,000 |
| | |
| **Giant Garter Snake Easement** | |
| Before 1,000 acres @ $7,000/acre | $7,000,000 |
| After 1,000 acres @ $ 4,000/acre | 4,000,000 |
| Reduction of Value | $ 3,000,000 |
| | |
| **Tri-Colored Black Bird Easement** | |
| Before 224 acres @ $7,500/acre | $1,680,000 |
| After 224 acres @ $ 3,929/acres | 880,000 |
| Reduction of Value | $ 800,000 |




# Hudeman Slough Fishing Access CEQA
## Sonoma County

# #9. Hudeman Slough Fishing Access CEQA Sonoma County

- Ramp with deposited mud

# #9. Hudeman Slough Fishing Access CEQA Sonoma County

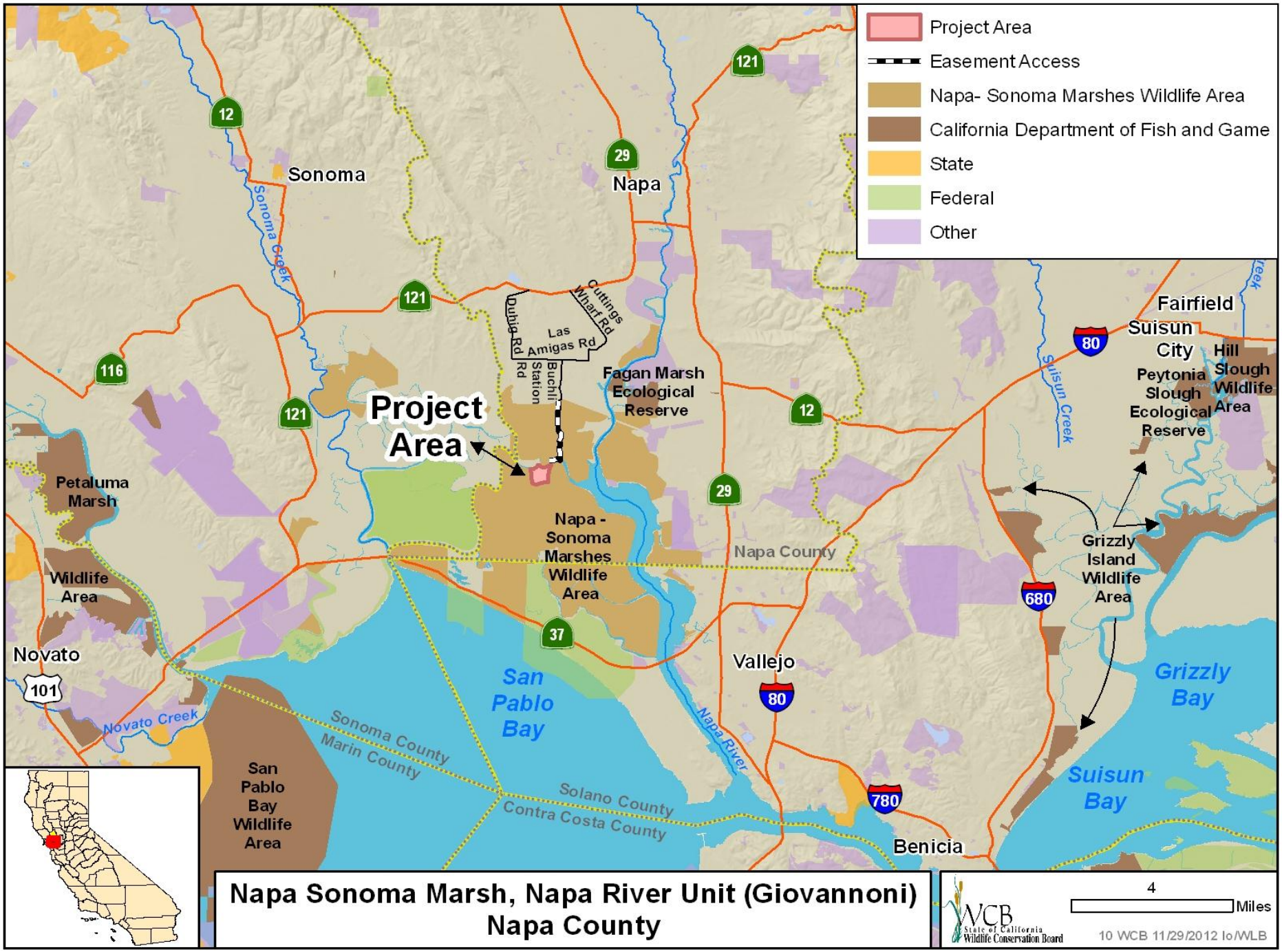
- Gangway and dock twisting through tidal action and sediment deposits

# #9. Hudeman Slough Fishing Access CEQA Sonoma County

- Failing decking on dock

# #9. Hudeman Slough Fishing Access CEQA Sonoma County

- Repair in 2011 shown at high tide, temporarily keeping the dock usable




# Napa Sonoma Marsh, Napa River Unit (Giovannoni)
## Napa County

# #10. Napa Sonoma Marsh, Napa River Unit (Giovannoni) Napa County

- Looking north at the Giovannoni Property

# #10. Napa Sonoma Marsh, Napa River Unit (Giovannoni) Napa County

- Northwest view of the levee and slough

# #10. Napa Sonoma Marsh, Napa River Unit (Giovannoni) Napa County

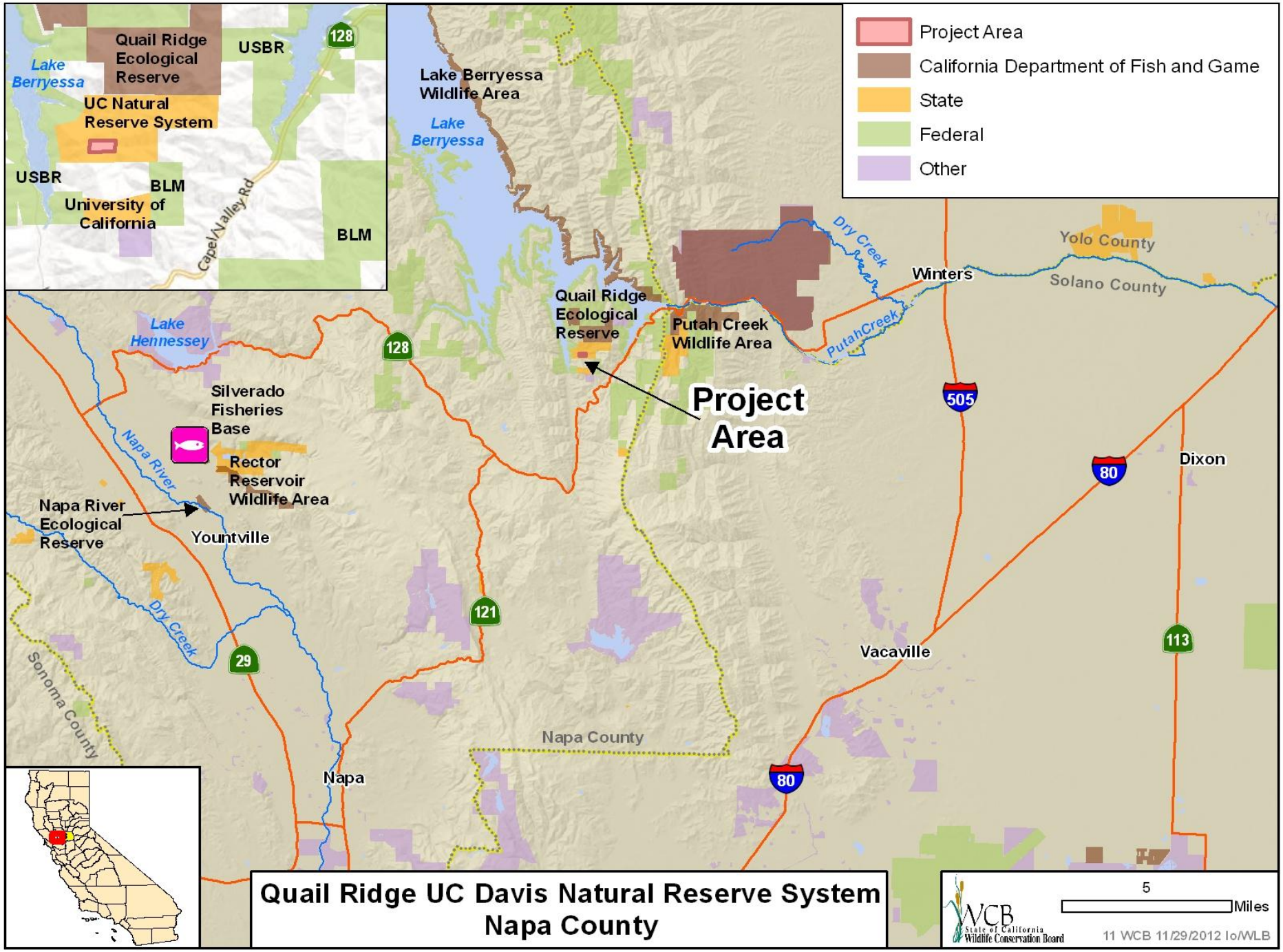
- West toward Little Russ Island

# #10. Napa Sonoma Marsh, Napa River Unit (Giovannoni) Napa County

- Levee and Devil's Slough

# #10. Napa Sonoma Marsh, Napa River Unit (Giovannoni) Napa County

- Levee encroachment on Giovannoni Property




# Quail Ridge UC Davis Natural Reserve System
## Napa County

# #11. Quail Ridge UC Davis Natural Reserve System Napa County

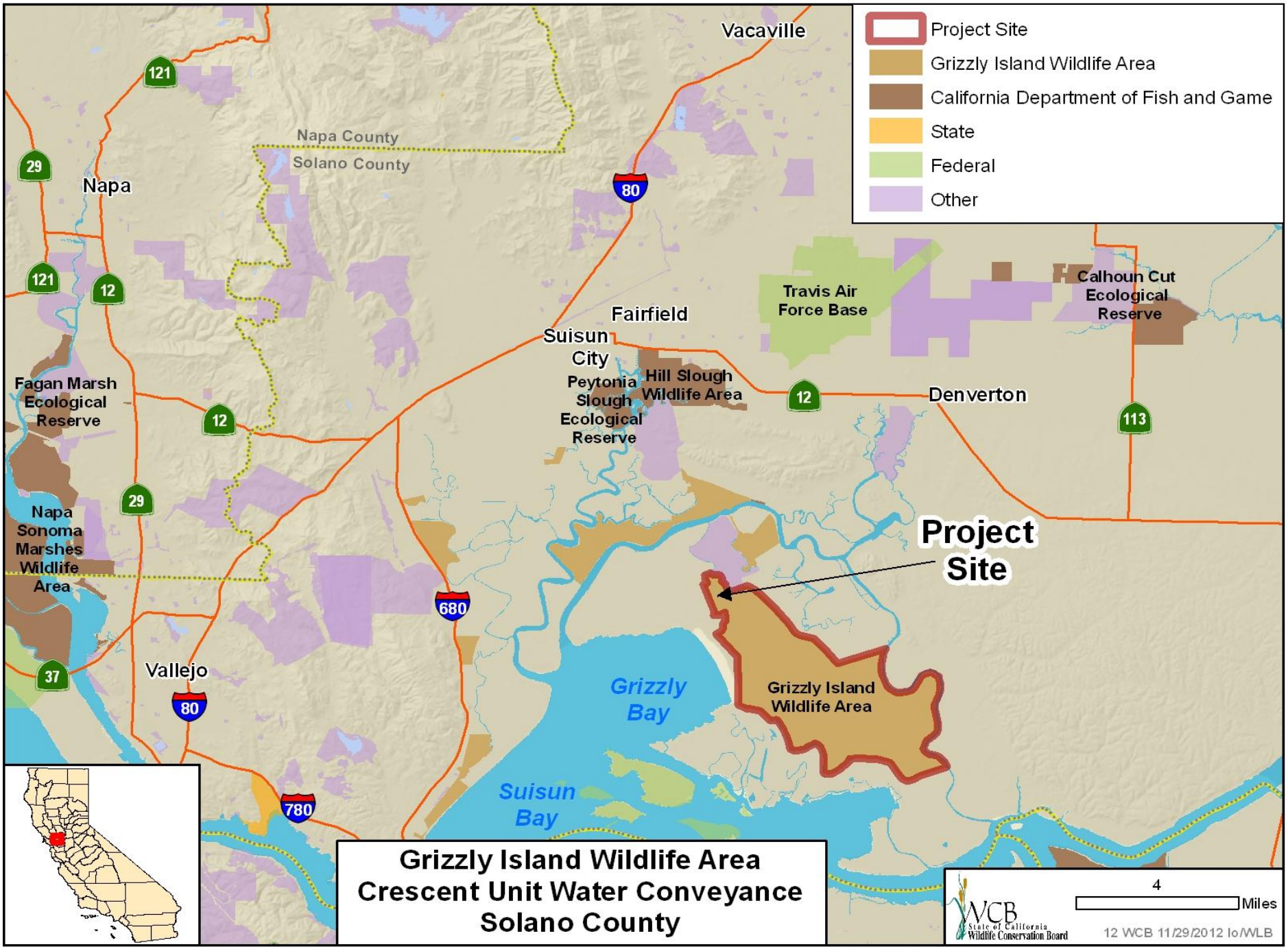
- Decker Pond, a seasonal stock pond used by university researchers

# #11. Quail Ridge UC Davis Natural Reserve System Napa County

- View from the west with deer in the background

# #11. Quail Ridge UC Davis Natural Reserve System Napa County

- Easterly view above Decker Pond of university research equipment




Grizzly Island Wildlife Area
Crescent Unit Water Conveyance
Solano County

# #12. Grizzly Island WA, Crescent Unit Water Conveyance Solano County

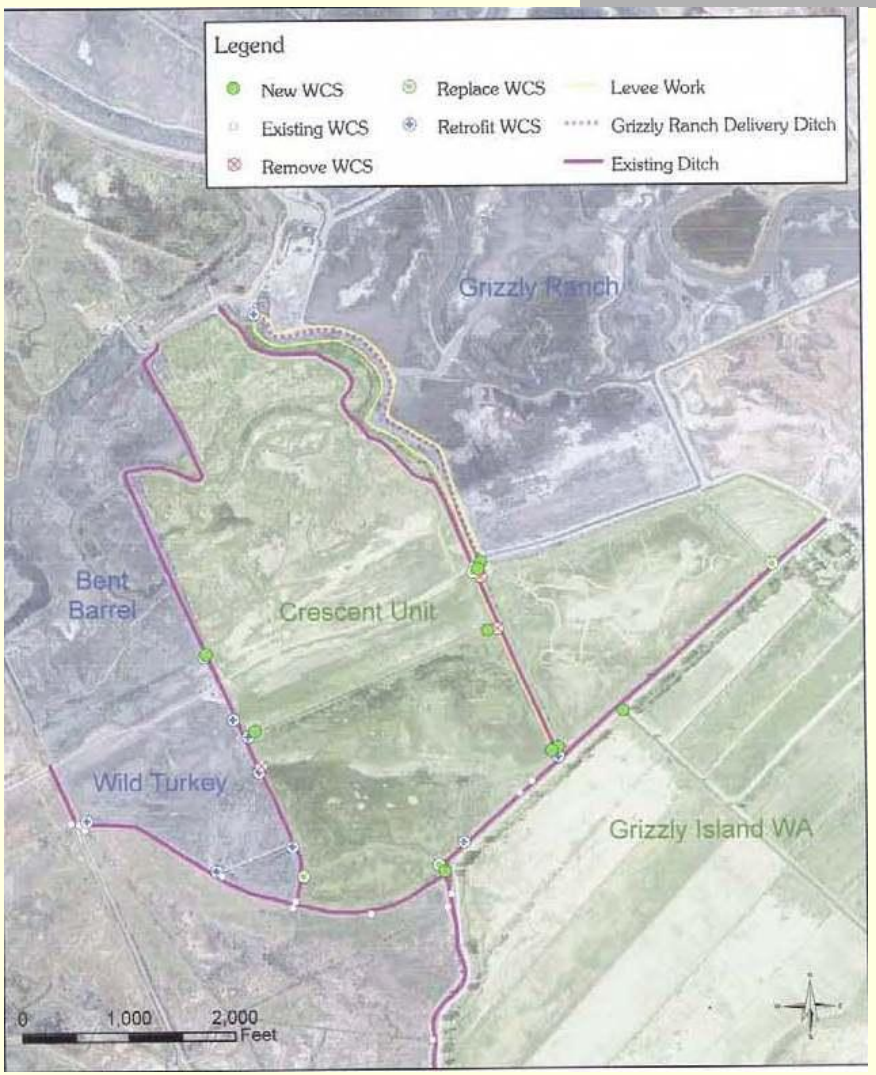
- Existing ditch in Crescent Unit that will be connected to new water supply ditch. Notice the rusted out water control structure pipe.

# #12. Grizzly Island WA, Crescent Unit Water Conveyance Solano County

- Existing junction of where the supply ditch will be connected to the Crescent Unit. The water will be piped under the fence and country road to the Crescent unit.

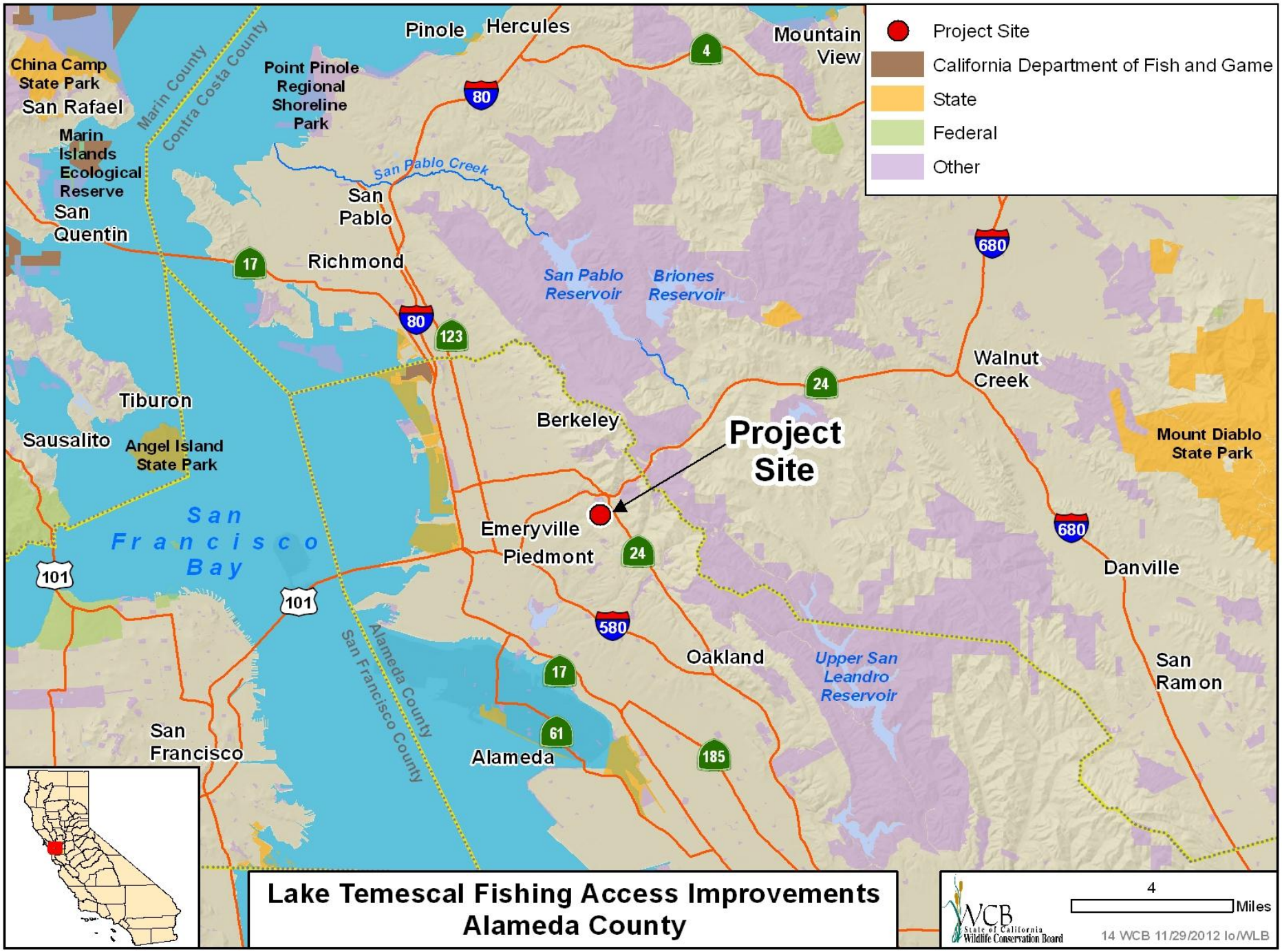
# #12. Grizzly Island WA, Crescent Unit Water Conveyance Solano County

- Water Delivery Improvement



# #13. East Contra Costa NCCP/HCP (Alaimo) Contra Costa County **(pulled)**

- This proposal was withdrawn from consideration at this time




# Lake Temescal Fishing Access Improvements
## Alameda County

# #14. Lake Temescal Fishing Access Improvements Alameda County

- One of two piers to be replaced

# #14. Lake Temescal Fishing Access Improvements Alameda County

- One of two piers to be replaced

# #14. Lake Temescal Fishing Access Improvements Alameda County

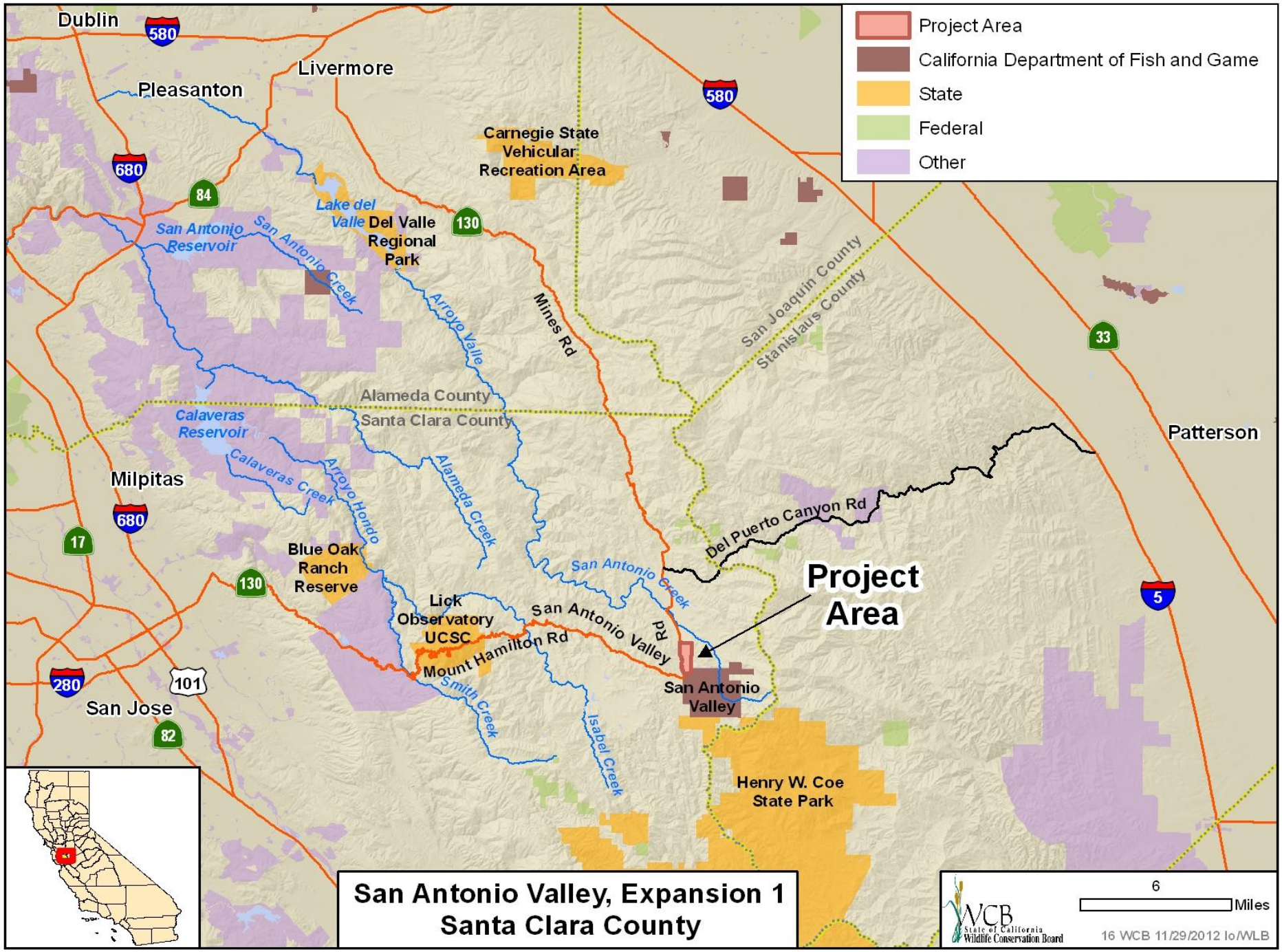
- Erosive bank to be stabilized

# #14. Lake Temescal Fishing Access Improvements Alameda County

- Restroom doors to be widened

# #15. SJRP Riverbottom Park and Schneider Property Habitat Restoration Fresno and Madera Counties **(pulled)**

- This proposal was withdrawn from consideration at this time




San Antonio Valley, Expansion 1
Santa Clara County

# #16. San Antonio Valley Ecological Reserve Expansion Santa Clara County

- The property is characterized by rolling foothills and grassy meadows dotted with oak trees, manzanita and chaparral

# #16. San Antonio Valley Ecological Reserve Expansion Santa Clara County

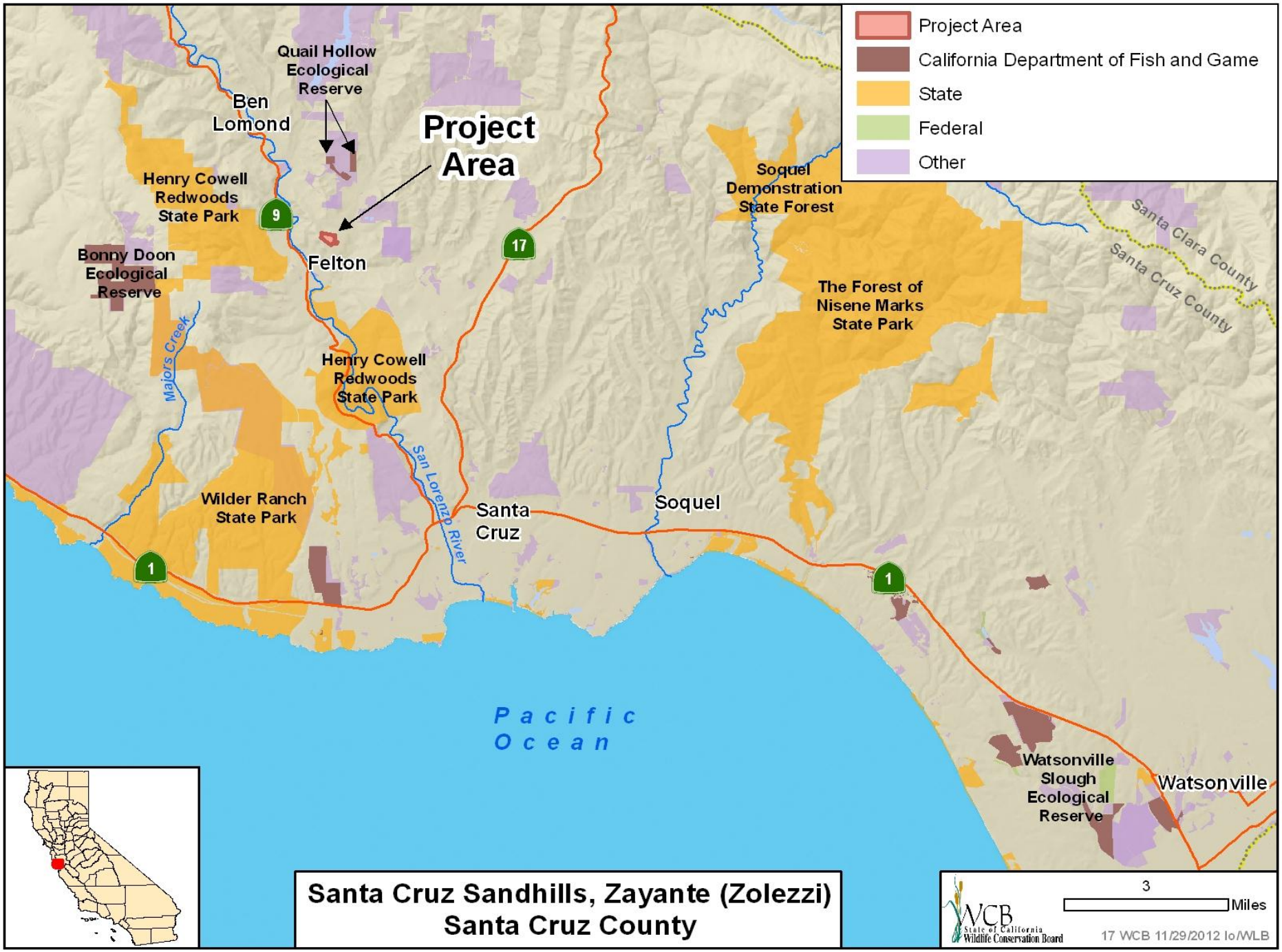
- The property includes a prominent water feature

# #16. San Antonio Valley Ecological Reserve Expansion Santa Clara County

- The property serves as habitat for Tule elk. The elk's migration trail traverses the property

# #16. San Antonio Valley Ecological Reserve Expansion Santa Clara County

- The property will become an addition to DFG's South Valley Ranch Wildlife Area.




Santa Cruz Sandhills, Zayante (Zolezzi)
Santa Cruz County

# #17. Santa Cruz Sandhills, Zayante (Zolezzi) Santa Cruz County

- Federally endangered Ben Lomond wallflower

# #17. Santa Cruz Sandhills, Zayante (Zolezzi) Santa Cruz County

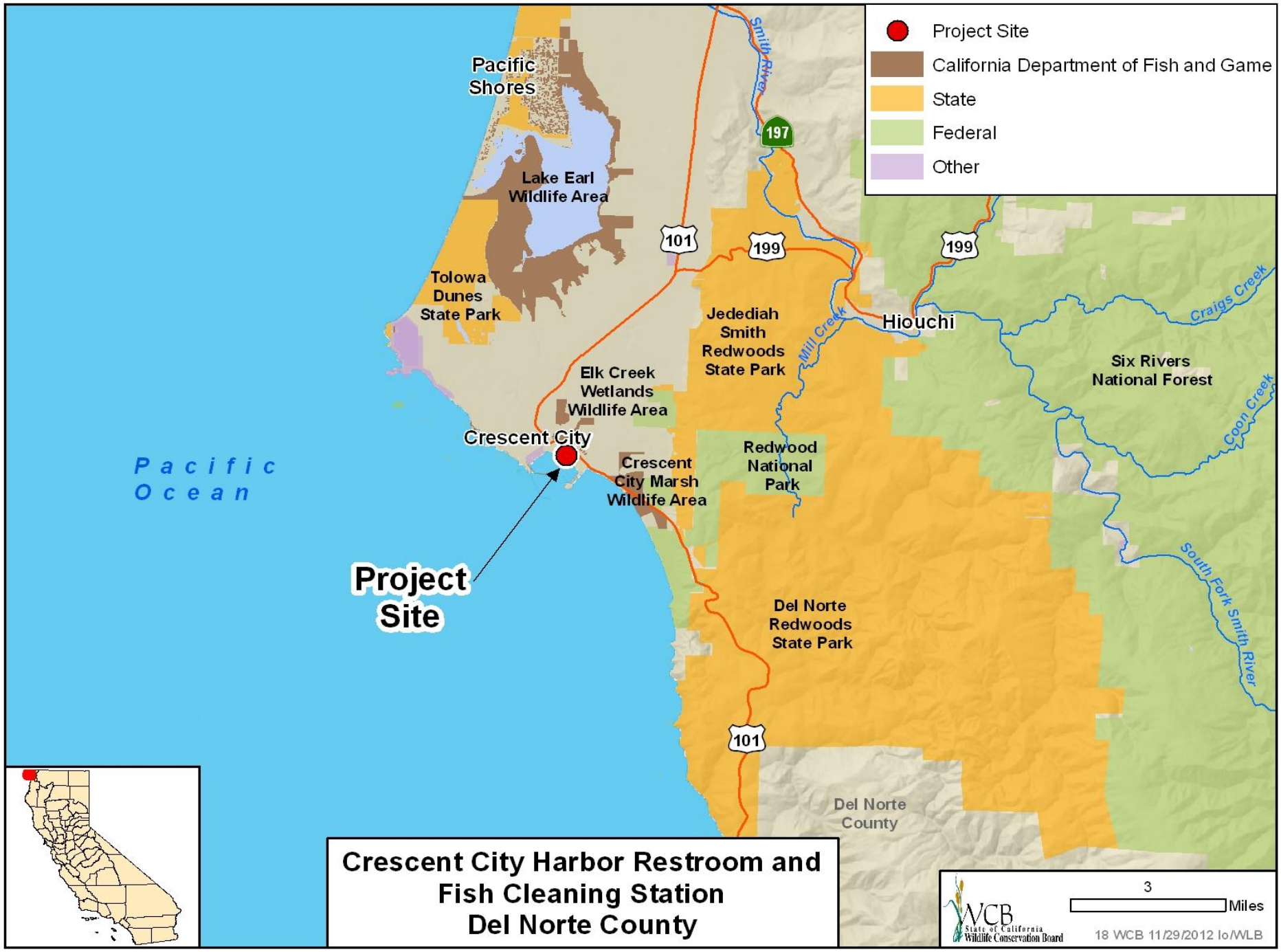
- Extraordinarily rare sand parkland habitat

# #17. Santa Cruz Sandhills, Zayante (Zolezzi) Santa Cruz County

- Mount Hermon june beetle on sand

# #17. Santa Cruz Sandhills, Zayante (Zolezzi) Santa Cruz County

- Endemic Ben Lomond buckwheat




# Crescent City Harbor Restroom and Fish Cleaning Station Del Norte County

# #18. Crescent City Harbor Restroom and Fish Cleaning Station Del Norte County

- Location of restroom and fish cleaning station to be constructed at the Crescent City harbor

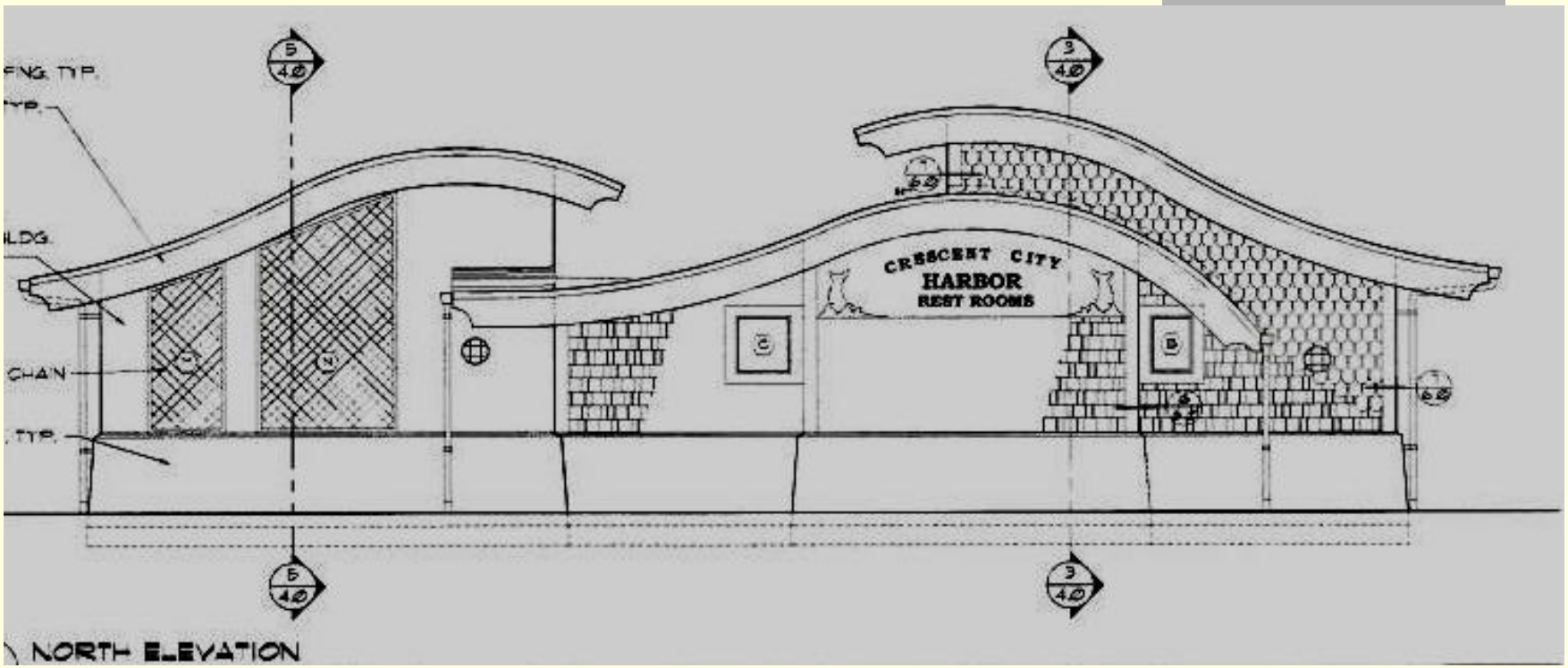
# #18. Crescent City Harbor Restroom and Fish Cleaning Station Del Norte County

- North Restroom and Fish Cleaning Station site location looking southerly across the Inner Boat Basin

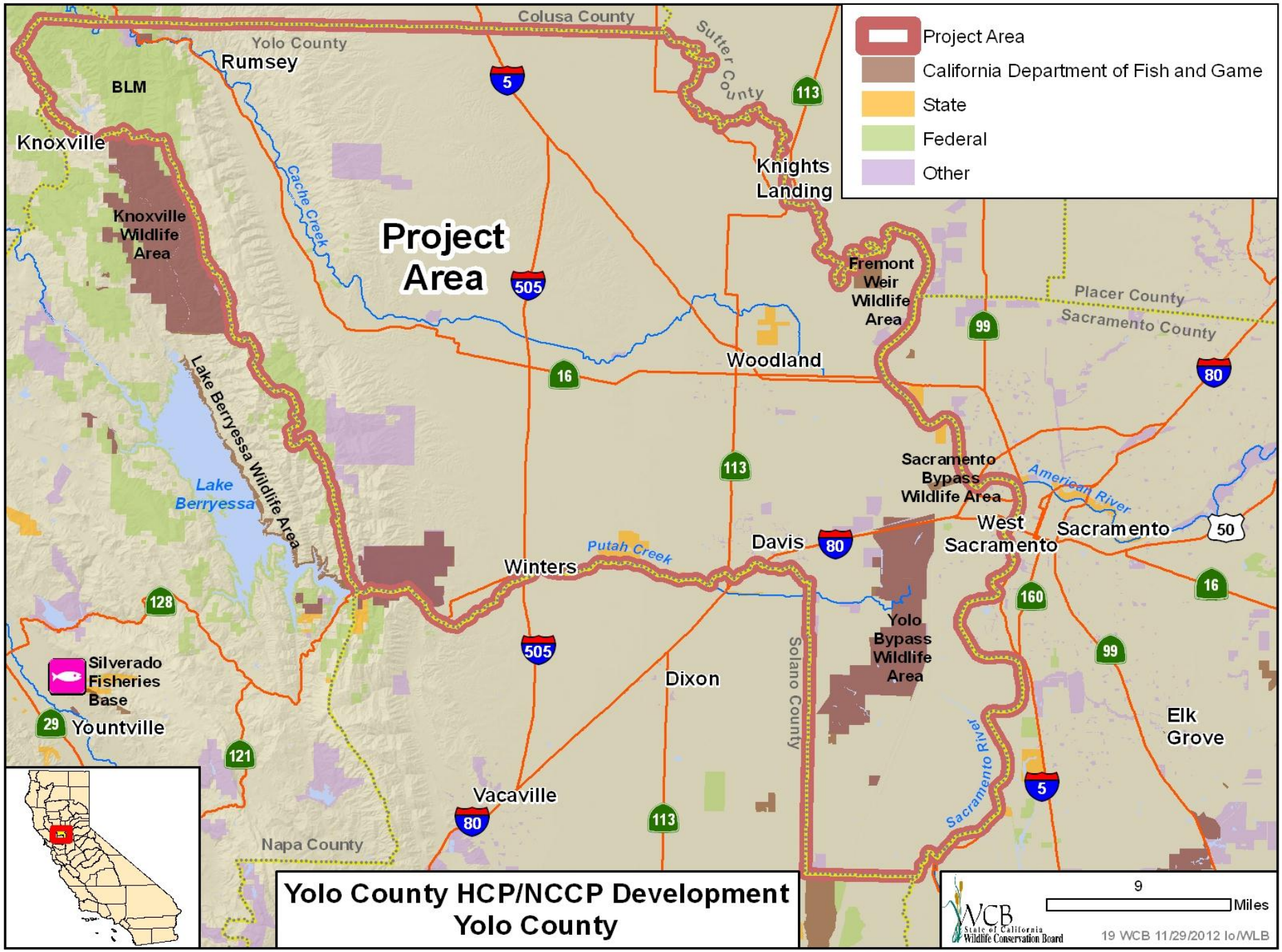
# #18. Crescent City Harbor Restroom and Fish Cleaning Station Del Norte County

- North Restroom and Fish Cleaning Station site location looking easterly across the Inner Boat Basin

# #18. Crescent City Harbor Restroom and Fish Cleaning Station Del Norte County




- Architectural drawings of restroom and fish cleaning station




Yolo County HCP/NCCP Development
Yolo County

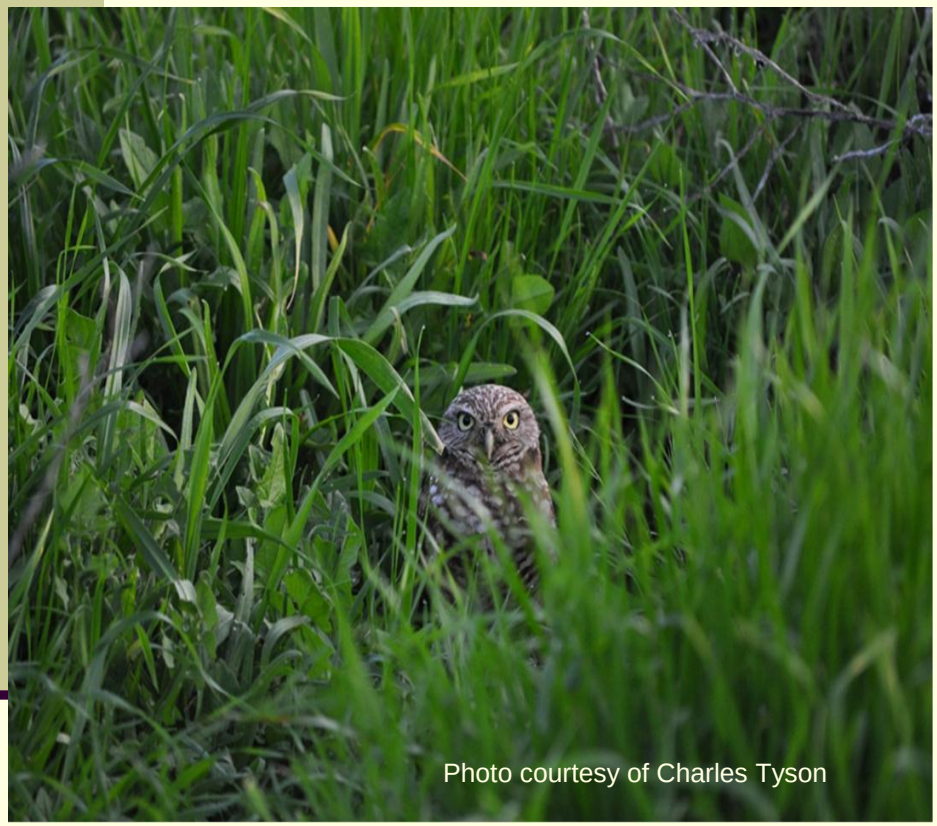
# #19. Yolo County HCP/NCCP Development Yolo County

- Vernal Pool

# #19. Yolo County HCP/NCCP Development Yolo County

- Native Grasslands at Conaway Ranch

# #19. Yolo County HCP/NCCP Development Yolo County



- Burrowing Owl and burrows in grassland

# #19. Yolo County HCP/NCCP Development Yolo County

- Irrigated pasture

# #19. Yolo County HCP/NCCP Development Yolo County

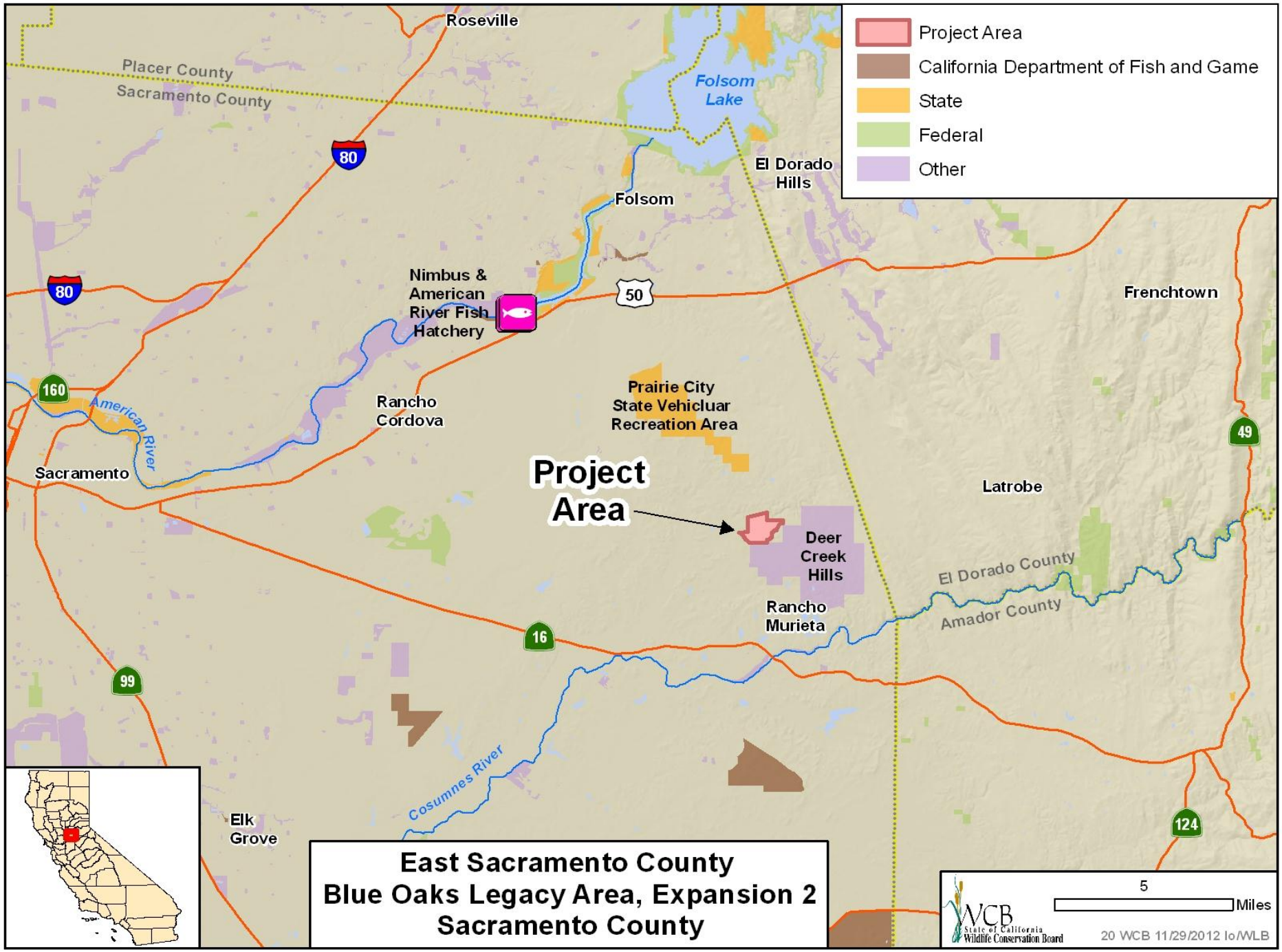
- Alfalfa field

# #19. Yolo County HCP/NCCP Development Yolo County

- Tri-colored blackbird

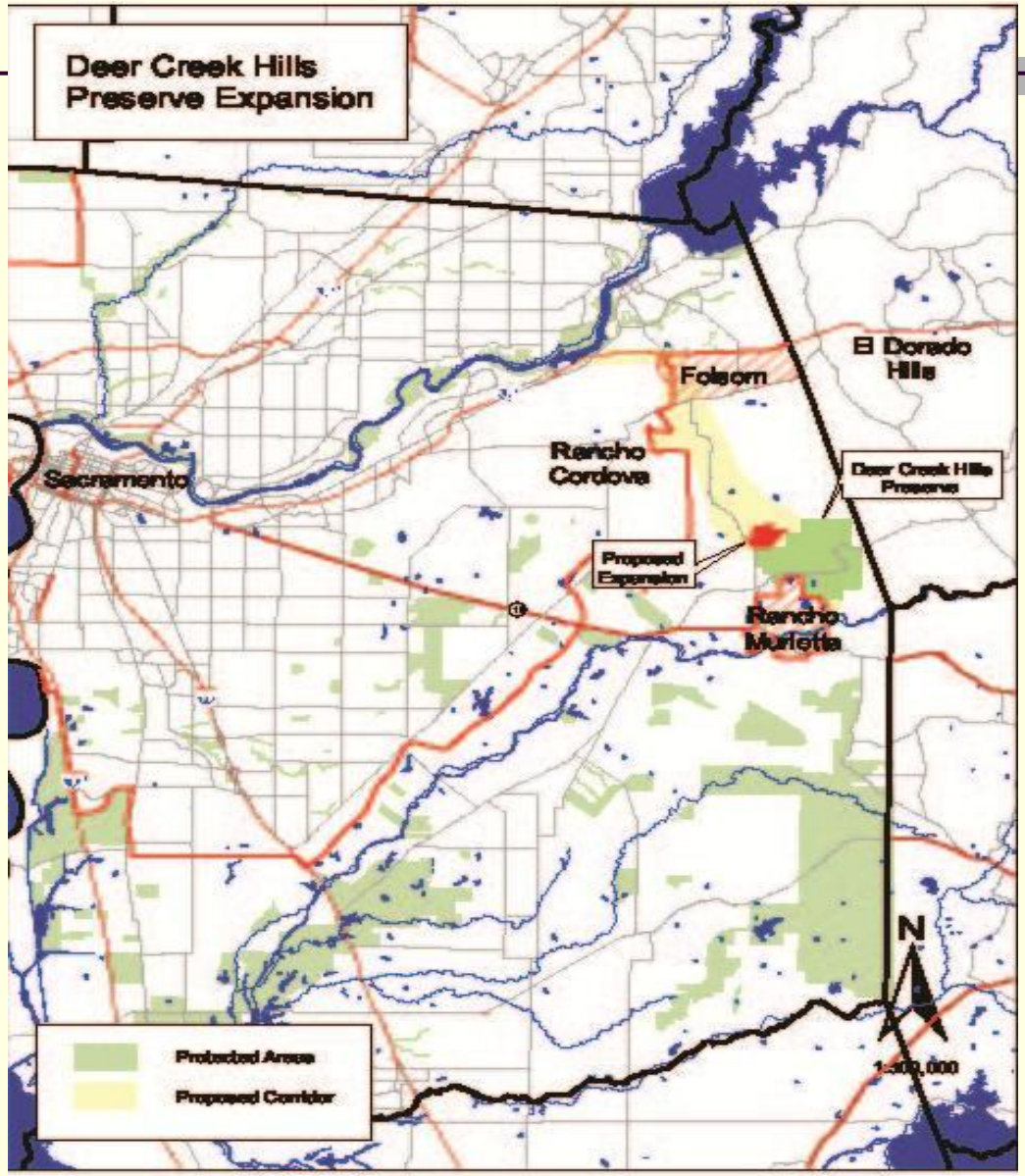
# #19. Yolo County HCP/NCCP Development Yolo County

- Vernal pool and grassland habitats




East Sacramento County
Blue Oaks Legacy Area, Expansion 2
Sacramento County

# #20. East Sacramento County Blue Oaks Legacy Area, Exp. 2 Sacramento County



# #20. East Sacramento County Blue Oaks Legacy Area, Exp. 2 Sacramento County

- Easterly view of Deer Creek

# #20. East Sacramento County Blue Oaks Legacy Area, Exp. 2 Sacramento County

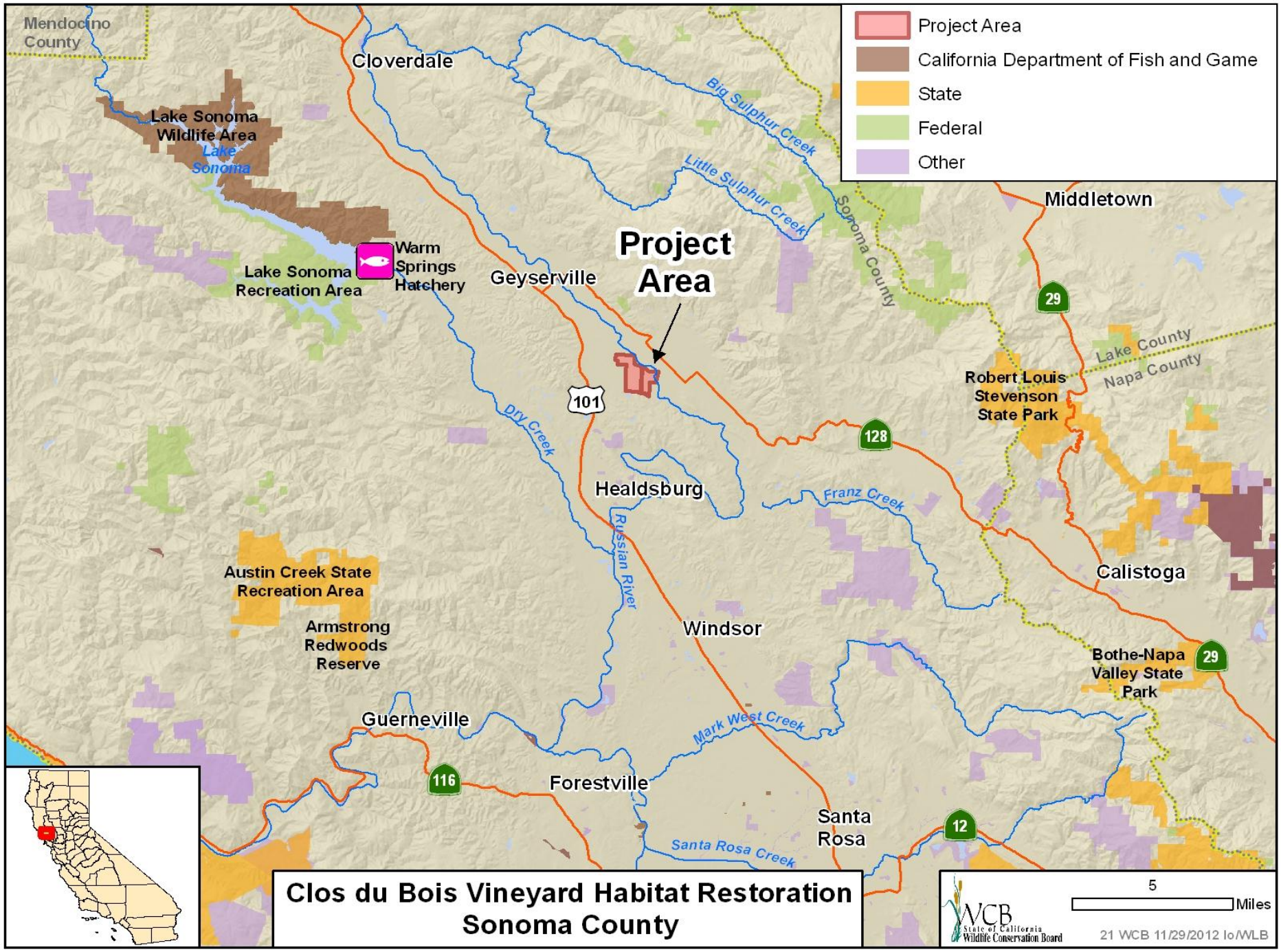
- Southerly view of open space grassland and oak woodland in the background

# #20. East Sacramento County Blue Oaks Legacy Area, Exp. 2 Sacramento County

- Westerly view of subject property

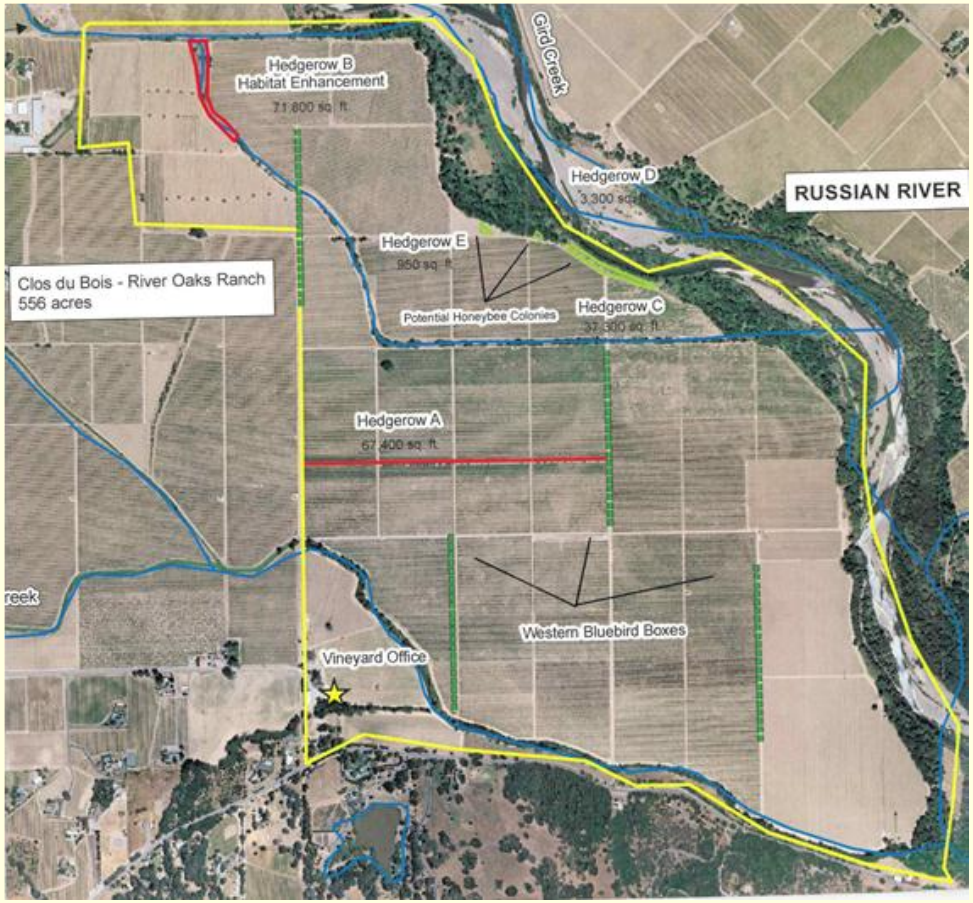
# #20. East Sacramento County Blue Oaks Legacy Area, Exp. 2 Sacramento County

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




# Clos du Bois Vineyard Habitat Restoration
## Sonoma County

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County




- Aerial view of Clos du Bois Vineyard

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

- This road will host blue bird boxes

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

- Hedgerow A will be planted along with existing prune trees

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

- Location of Hedgerow B

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

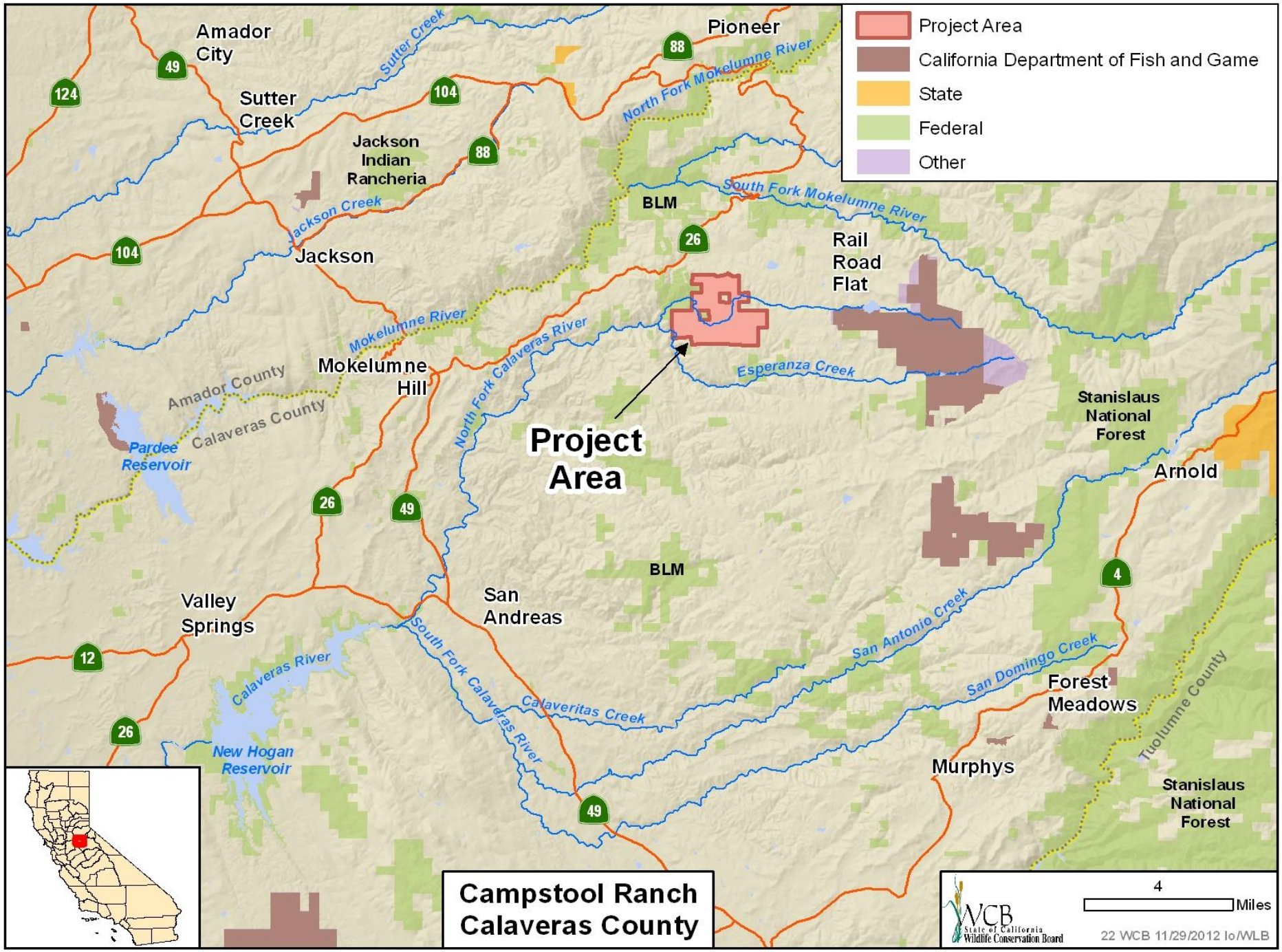
- Location of Hedgerow E

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

- Location of Hedgerow C

# #21. Clos du Bois Vineyard Habitat Restoration Sonoma County

- Example of recent hedgerow plantings located at The Center's office


Project Area
California Department of Fish and Game
State
Federal
Other
Amador City
Sutter Creek
Pioneer
Jackson Indian Rancheria
Jackson
Rail Road Flat
Mokelumne Hill
Amador County
Calaveras County
Pardee Reservoir
Project Area
Stanislaus National Forest
Arnold
Valley Springs
San Andreas
New Hogan Reservoir
Forest Meadows
Murphys
Tuolumne County
Sutter Creek
North Fork Mokelumne River
South Fork Mokelumne River
Jackson Creek
Mokelumne River
North Fork Calaveras River
Esperanza Creek
Calaveras River
South Fork Calaveras River
Calaveritas Creek
San Antonio Creek
San Domingo Creek
BLM
124
49
104
88
26
12
4
Campstool Ranch
Calaveras County
WCB
State of California
Wildlife Conservation Board
4
Miles
22 WCB 11/29/2012 lo/WLB

# #22. Campstool Ranch
# Calaveras County

- Timber stands and habitat on the Property

# #22. Campstool Ranch Calaveras County

- Viewshed through managed forest area

# #22. Campstool Ranch
# Calaveras County

- Historic stone flumes on the property

# #22. Campstool Ranch Calaveras County

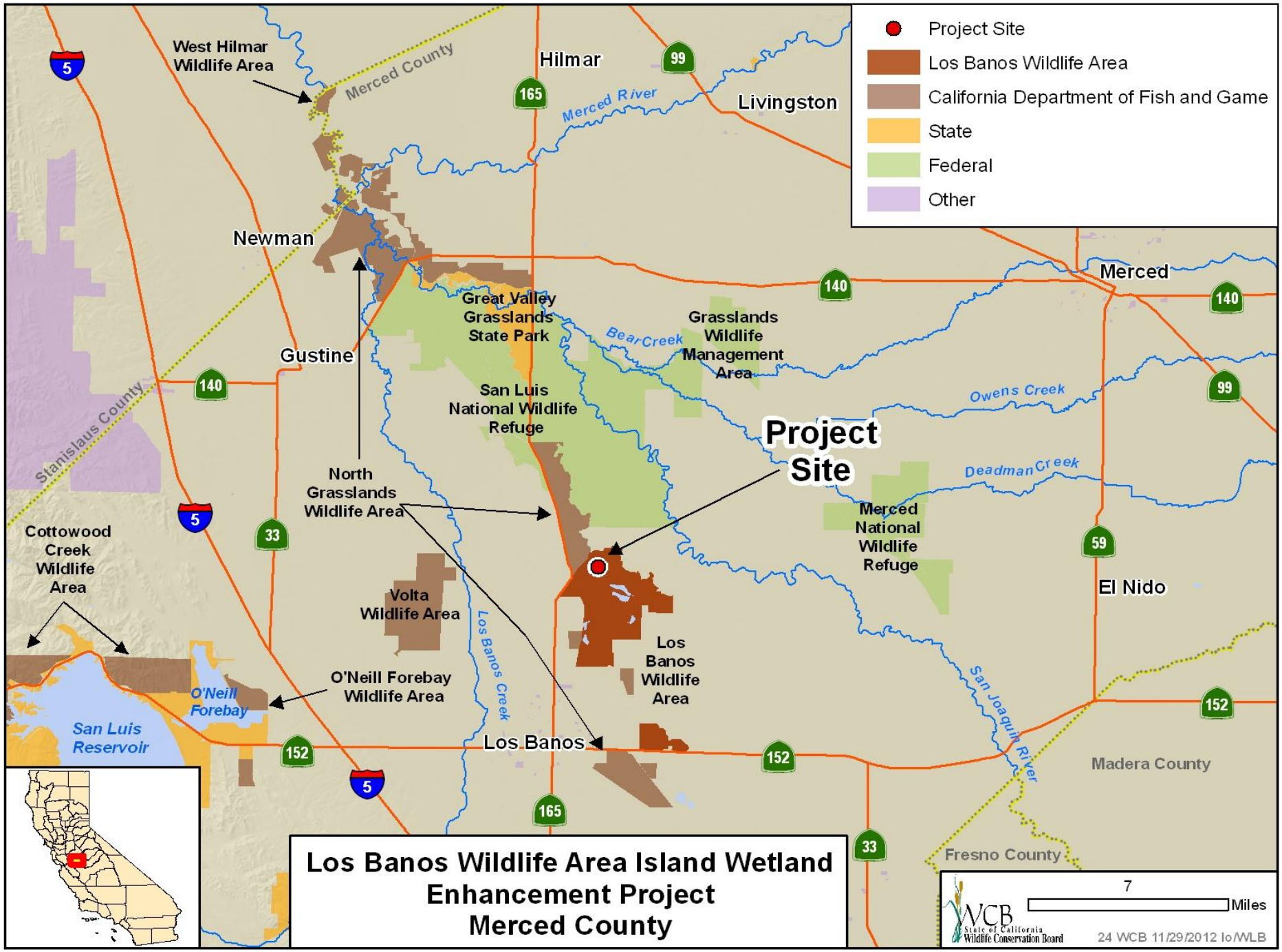
- Historic stone flumes on the Property

# #22. Campstool Ranch
# Calaveras County

- Historic mining tunnel

# #22. Campstool Ranch Calaveras County

- Markers showing a link to the family history on the property




# Los Banos Wildlife Area Island Wetland Enhancement Project
## Merced County

Los Banos WA Island Restoration Project
California Waterfowl Proposed Project
Pipeline, Fencing, Pump, Solar, Interpretive Trail, & Ditch Removal Portions of the Project
Riparian Enhancement Area
Wolfsen Road & Parking Area
Solar Location
Interpretive Trail
New Pipeline
Existing Gravity Flow Pipeline
Existing Presurized Pipeline
Old Concrete Ditch Removal
Check Valve
Existing Fencing
New Fencing
New Access Gates
Pipeline Valve Enhancement
20 HP Low Lift Pump
0 335 670 1,340 Feet
N

# #23. Los Banos WA, Island Wetland Enhancement Merced County

- Two pumps to be rehabilitated and a solar array to be installed

# #23. Los Banos WA, Island Wetland Enhancement Merced County

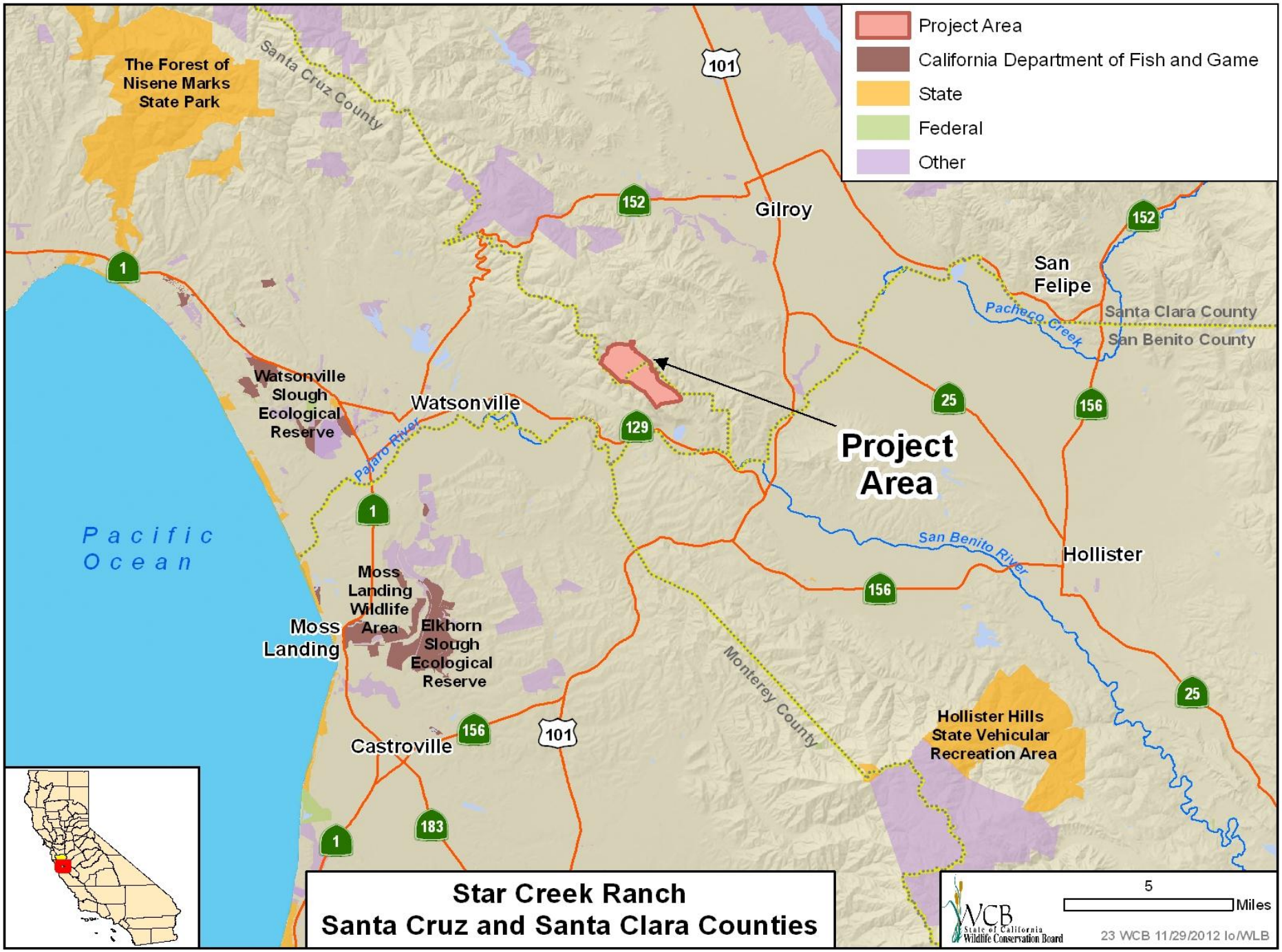
- Debris to be removed

# #23. Los Banos WA, Island Wetland Enhancement Merced County

- Fence to be removed and replaced

# #23. Los Banos WA, Island Wetland Enhancement Merced County

- Trail to be resurfaced and interpretive panels added




Star Creek Ranch
Santa Cruz and Santa Clara Counties

# #24. Star Creek Ranch
# Santa Cruz and Santa Clara Counties

- Typical view of Star Creek Ranch – Sierra Azul Range of the southern Santa Cruz Mountains

# #24. Star Creek Ranch
# Santa Cruz and Santa Clara Counties

- Star Creek Ranch near Atherton Peak

# #24. Star Creek Ranch
# Santa Cruz and Santa Clara Counties

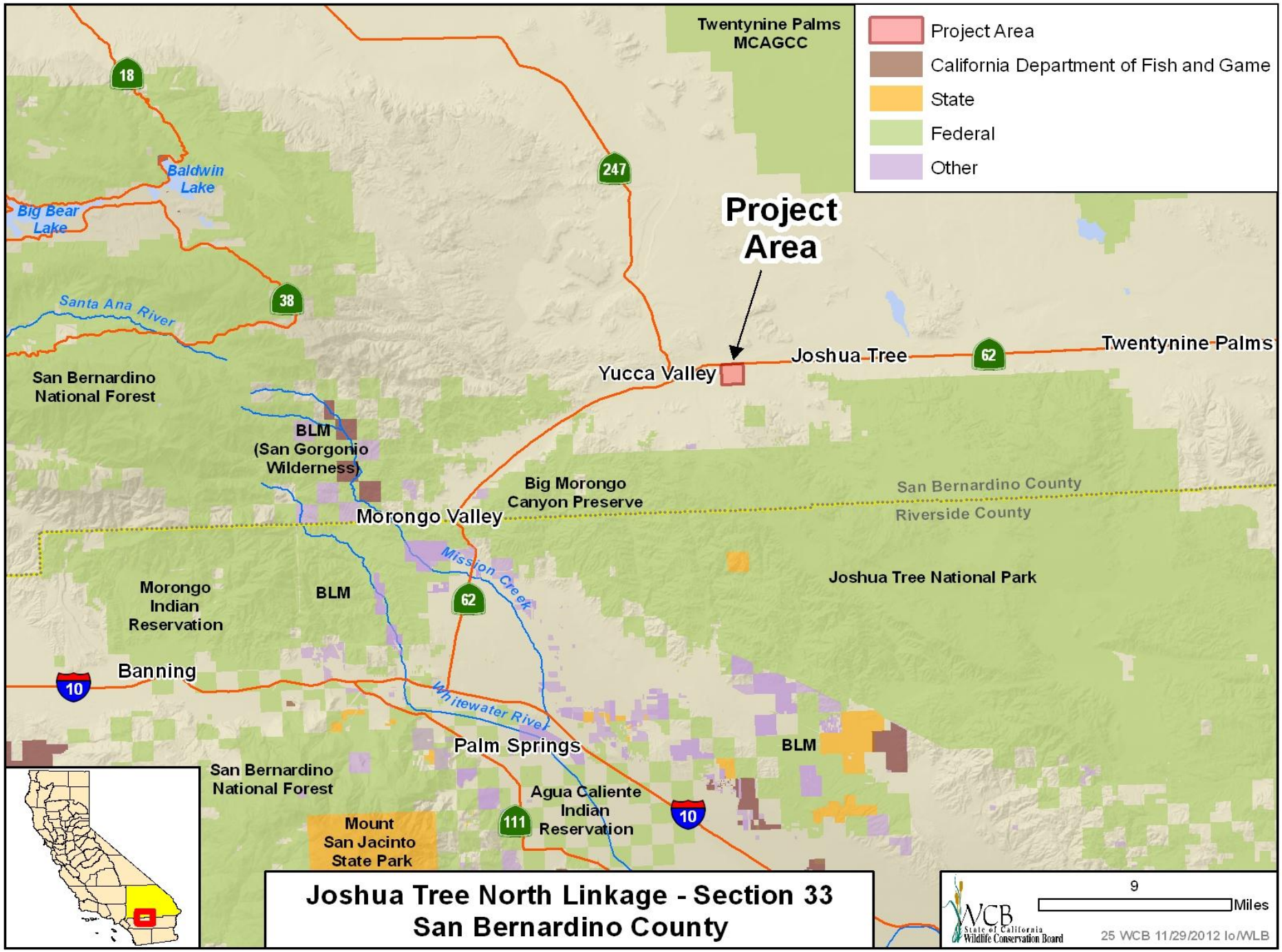
- View of the lower slopes and drainages of Star Creek Ranch

# #24. Star Creek Ranch
# Santa Cruz and Santa Clara Counties

- Typical view of subject property

# #24. Star Creek Ranch
# Santa Cruz and Santa Clara Counties

- View of the forested area of Star Creek Ranch

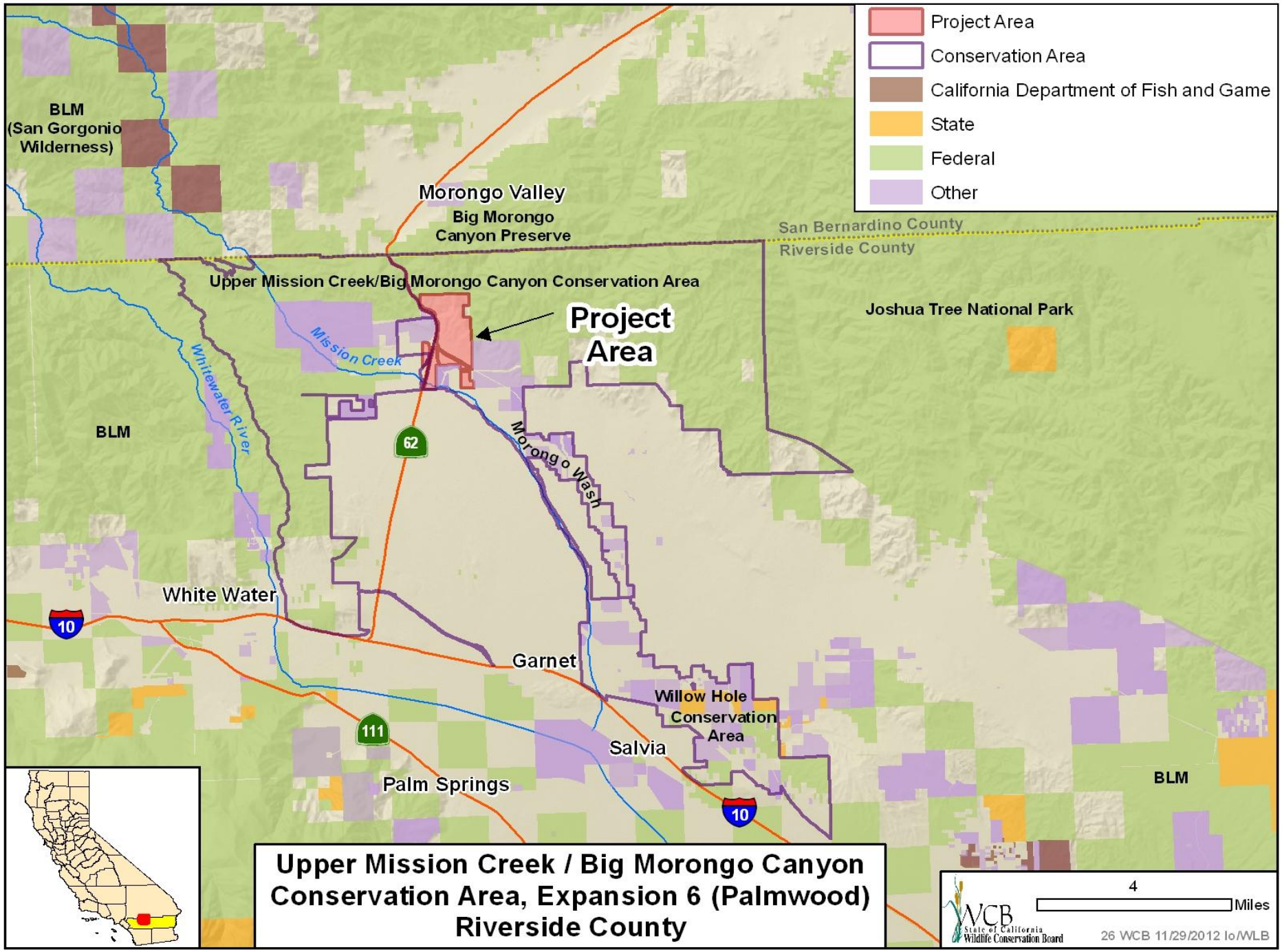



Joshua Tree North Linkage - Section 33
San Bernardino County

# #25. Joshua Tree North Linkage - Section 33 San Bernardino County

# #25. Joshua Tree North Linkage - Section 33 San Bernardino County

- View of San Gorgonio from Section 33, Joshua Tree




**Upper Mission Creek / Big Morongo Canyon Conservation Area, Expansion 6 (Palmwood)**
**Riverside County**

# #26. Upper Mission Creek / Big Morongo Canyon Conservation Area, Expansion 6 (Palmwood) Riverside County

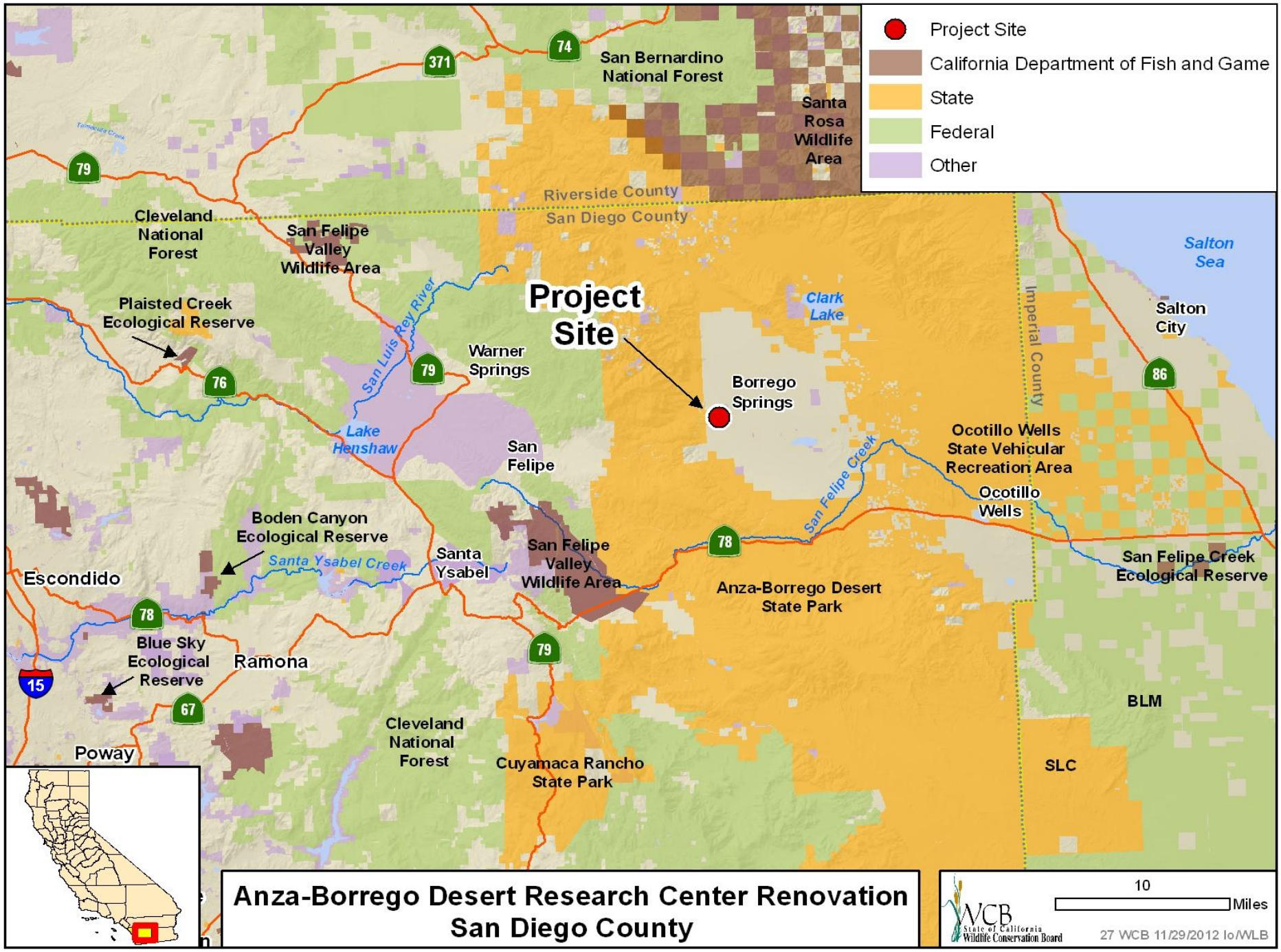
- Looking North from North Indian Canyon Drive

# #26. Upper Mission Creek / Big Morongo Canyon Conservation Area, Expansion 6 (Palmwood) Riverside County

- Looking West across State Route 62

# #26. Upper Mission Creek / Big Morongo Canyon Conservation Area, Expansion 6 (Palmwood) Riverside County

- Looking South/Southwest from North Indian Canyon Drive




# Anza-Borrego Desert Research Center Renovation
## San Diego County

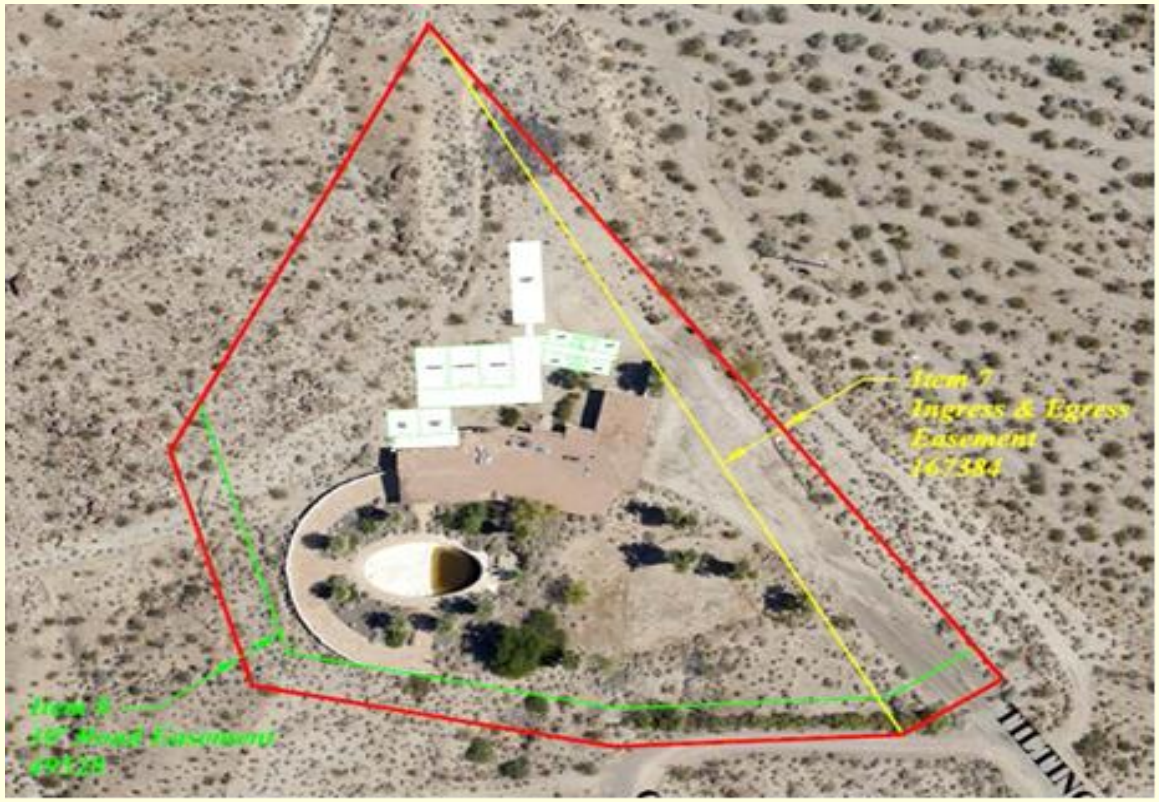
# #27. Anza-Borrego Desert Research Center Renovation San Diego County

- Borrego Springs Desert Club building will serve as the Steele Burnand Anza Borrego Desert Research Center for research and educational activities

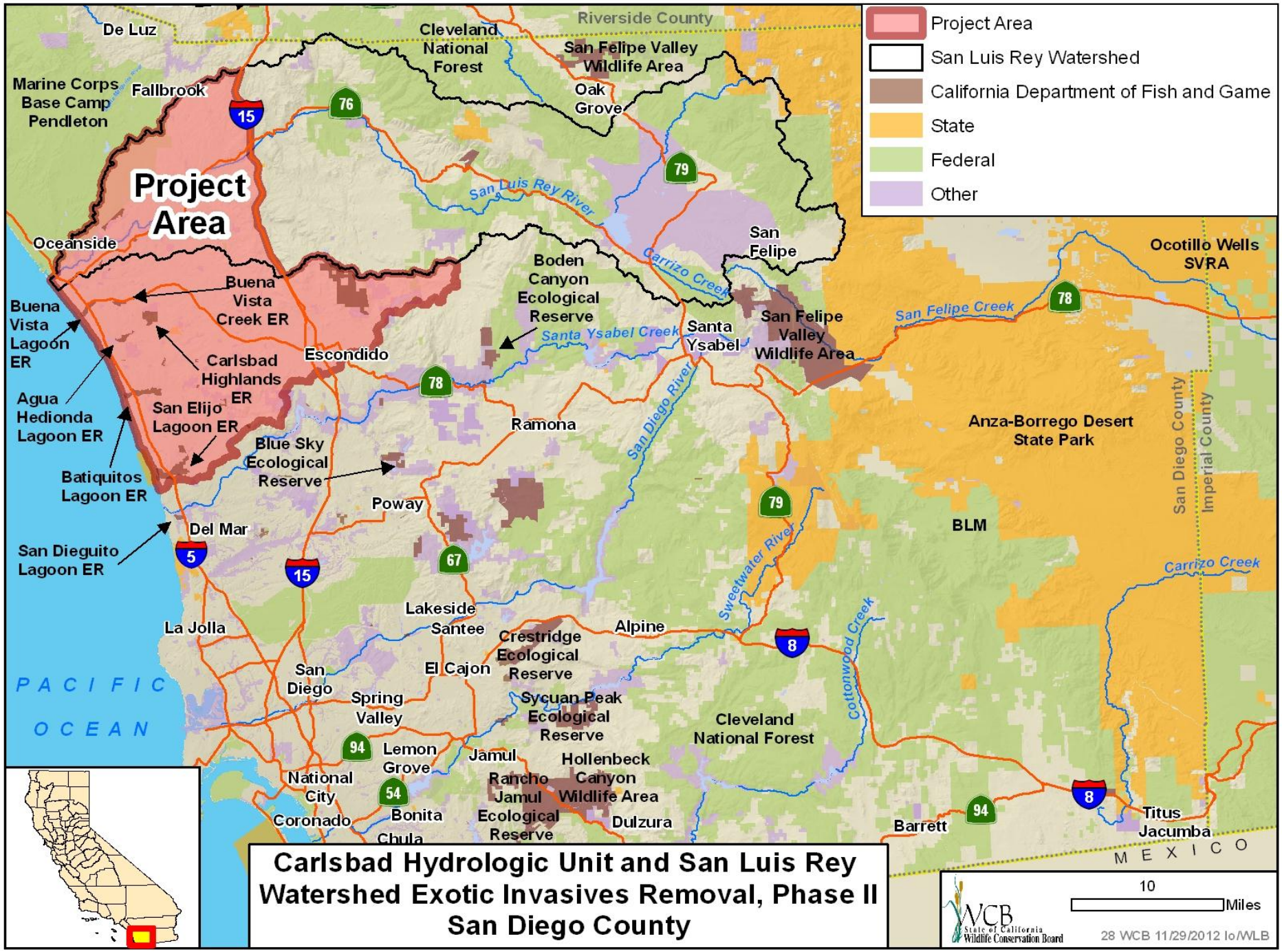
# #27. Anza-Borrego Desert Research Center Renovation San Diego County

- The project will expand the footprint of the facilities

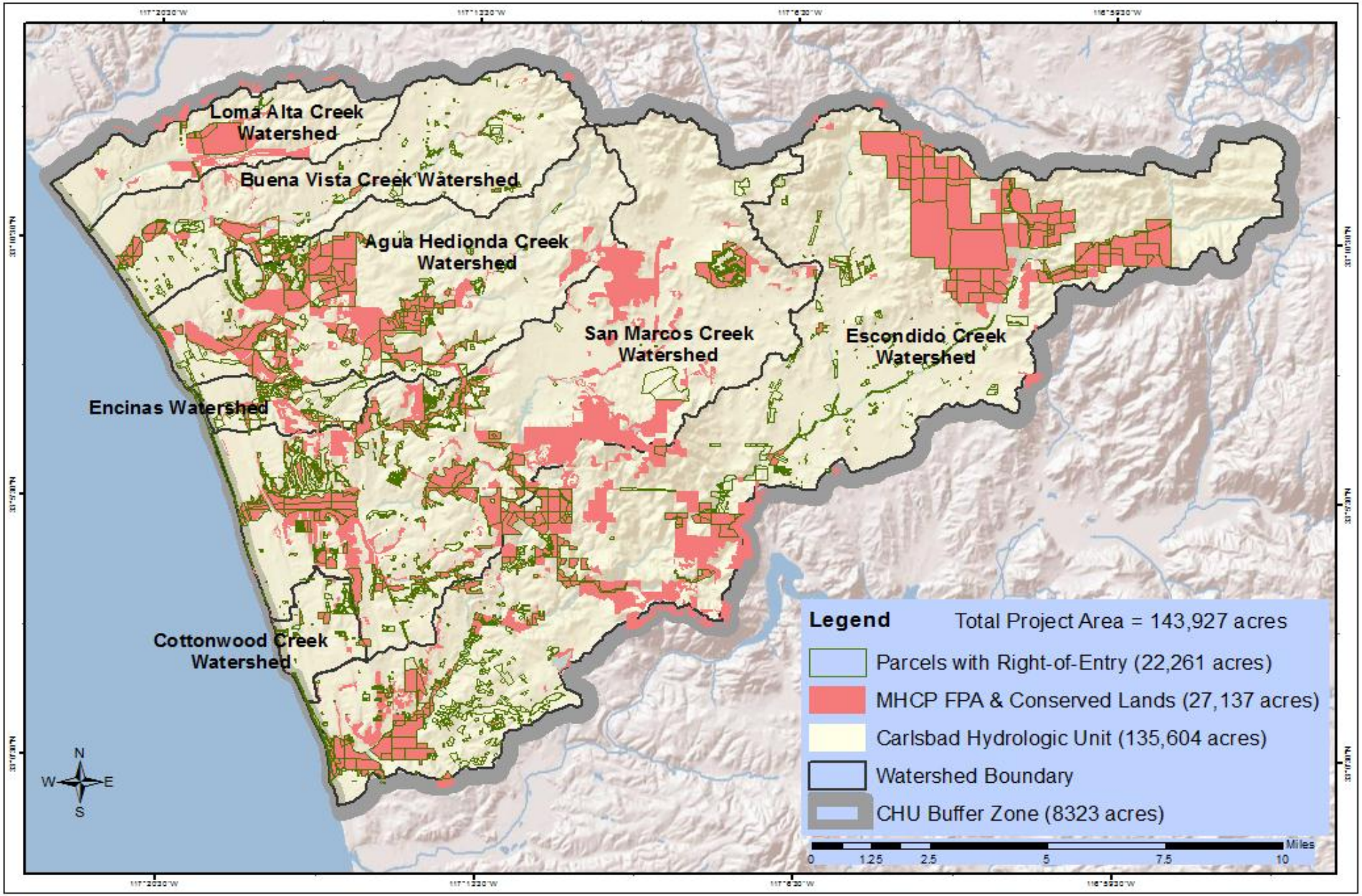
# #27. Anza-Borrego Desert Research Center Renovation San Diego County




- Artist rendering of what the new footprint will look like adjacent to the existing facility

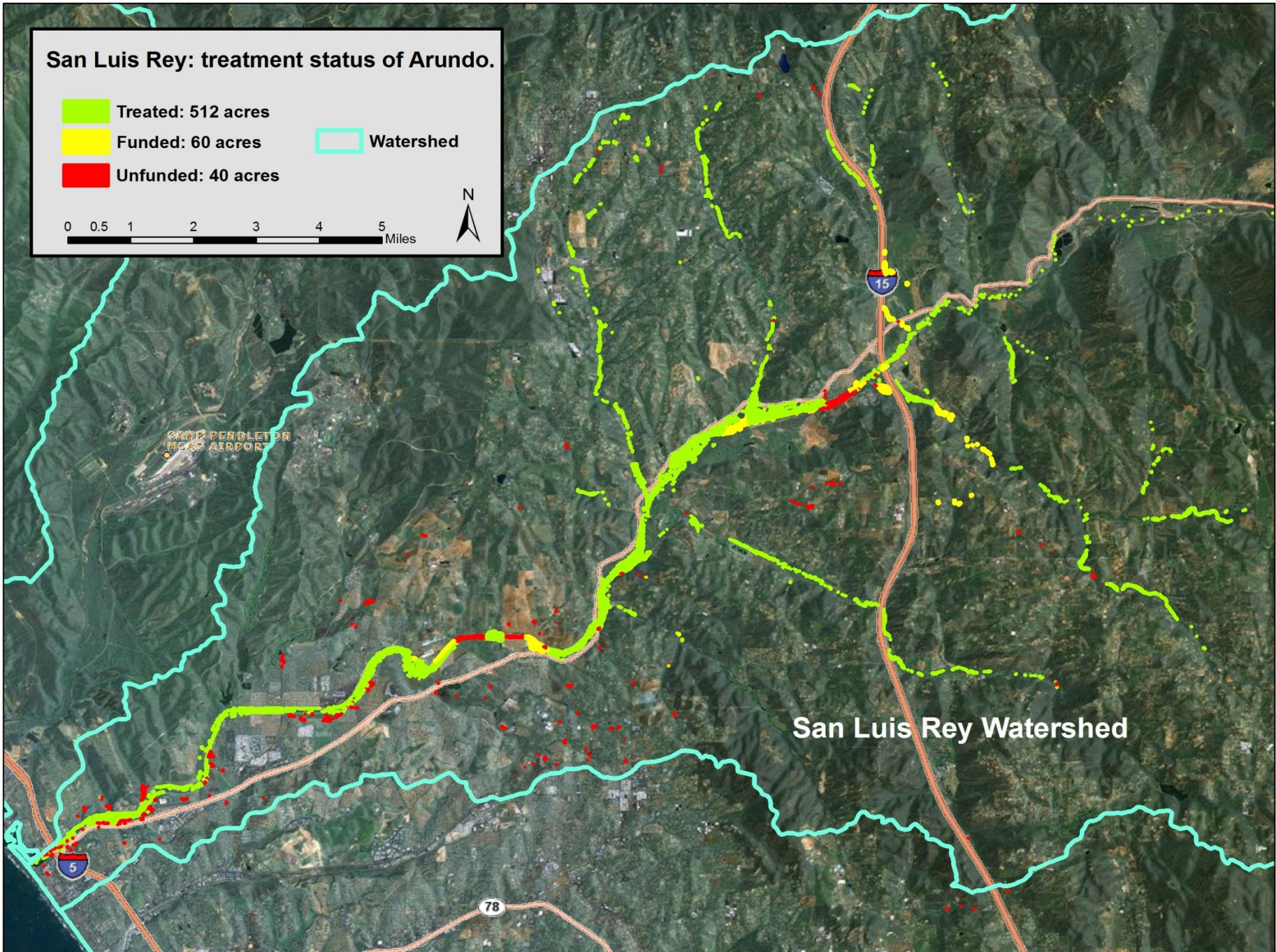



# Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County




## Carlsbad Hydrologic Unit Invasive Vegetation Control and Habitat Restoration Program

Areas outlined in green indicate properties where landowners granted permissioin to treat invasive species to the Program. Red-shaded areas indicate Focused Planning Area under the Multiple Habitat Conservation Program as well as SANDAG's Conserved Lands database.


San Luis Rey: treatment status of Arundo.
Treated: 512 acres
Funded: 60 acres
Unfunded: 40 acres
Watershed
0 0.5 1 2 3 4 5
Miles
N
15
5
78
San Luis Rey Watershed

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Pampas grass, Canary Island date palm, and iceplant infestation in the Encinas Creek floodplain, which contains potential habitat for Least Bell's Vireo.

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Riparian zone in Buena Vista Creek infested with giant reed; site is approximately one-half mile upstream of the Buena Creek Ecological Reserve.

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Castor bean and non-native grasses dominate hillsides surrounding this tributary to Agua Hedionda Creek in Carlsbad, CA; site is approximately one mile away from the Agua Hedionda Lagoon Ecological Reserve.

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Castor bean, giant reed, and gum tree infestation in the Escondido Creek floodplain; infestation is approximately 1.5 miles upstream of the San Elijo Lagoon Ecological Reserve.

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Canary Island date palm and gum tree infestation in Escondido Creek floodplain in the Ford Wildlife Habitat Preserve, adjacent to the San Elijo Lagoon Ecological Reserve.

# #28. Carlsbad Hydrologic Unit and San Luis Rey Watershed Exotic Invasives Removal, Phase II San Diego County

- Arundo was reduced and allowed to re-sprout, Arundo shows effect of early March 2008 treatment
- Replanting is two years old