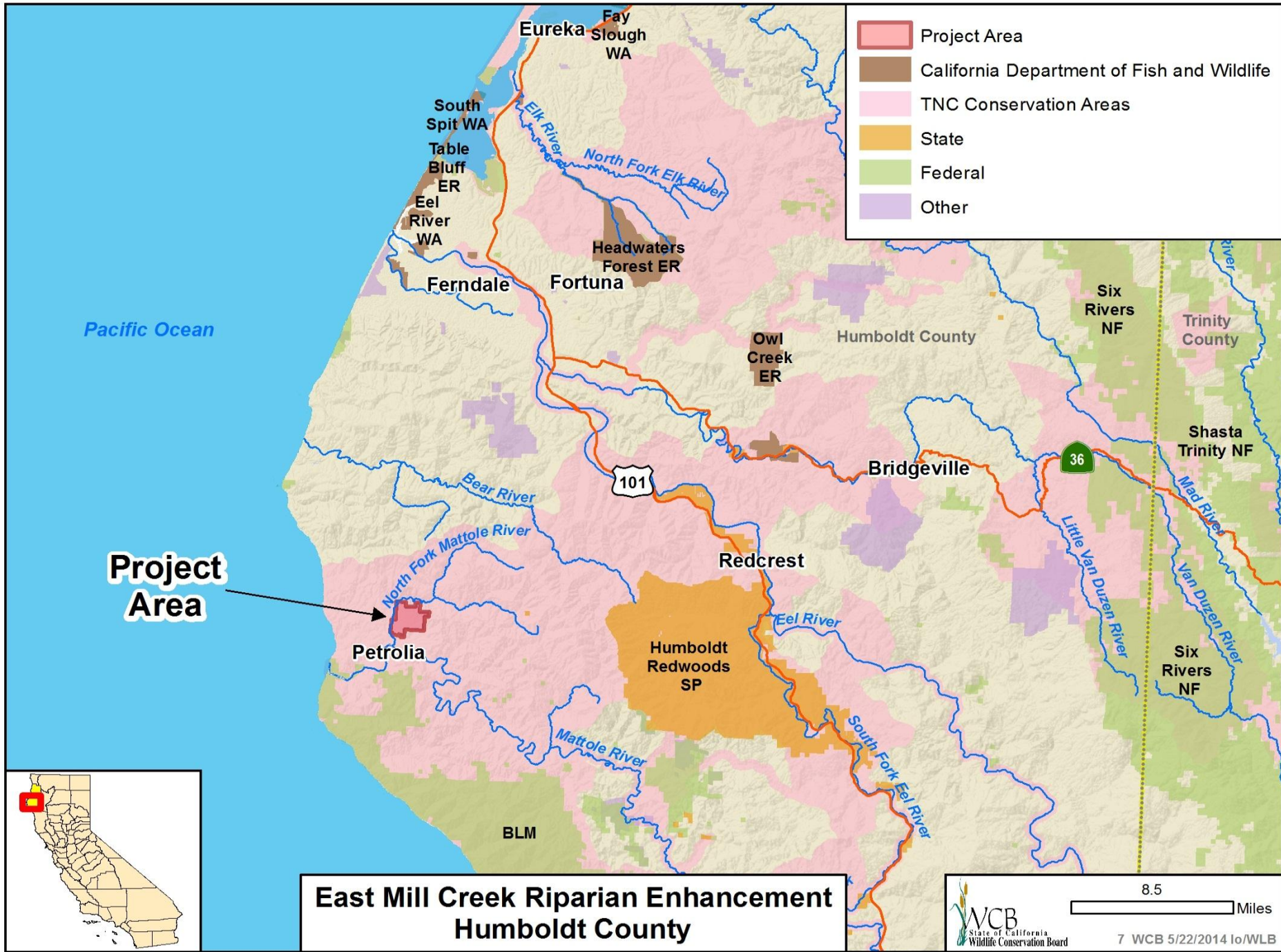


May 22, 2014
Wildlife Conservation Board Meeting
10:00 AM, Human Resources Auditorium
1416 9th Street
Sacramento, California 95814



Photo courtesy of Aaron Johnson

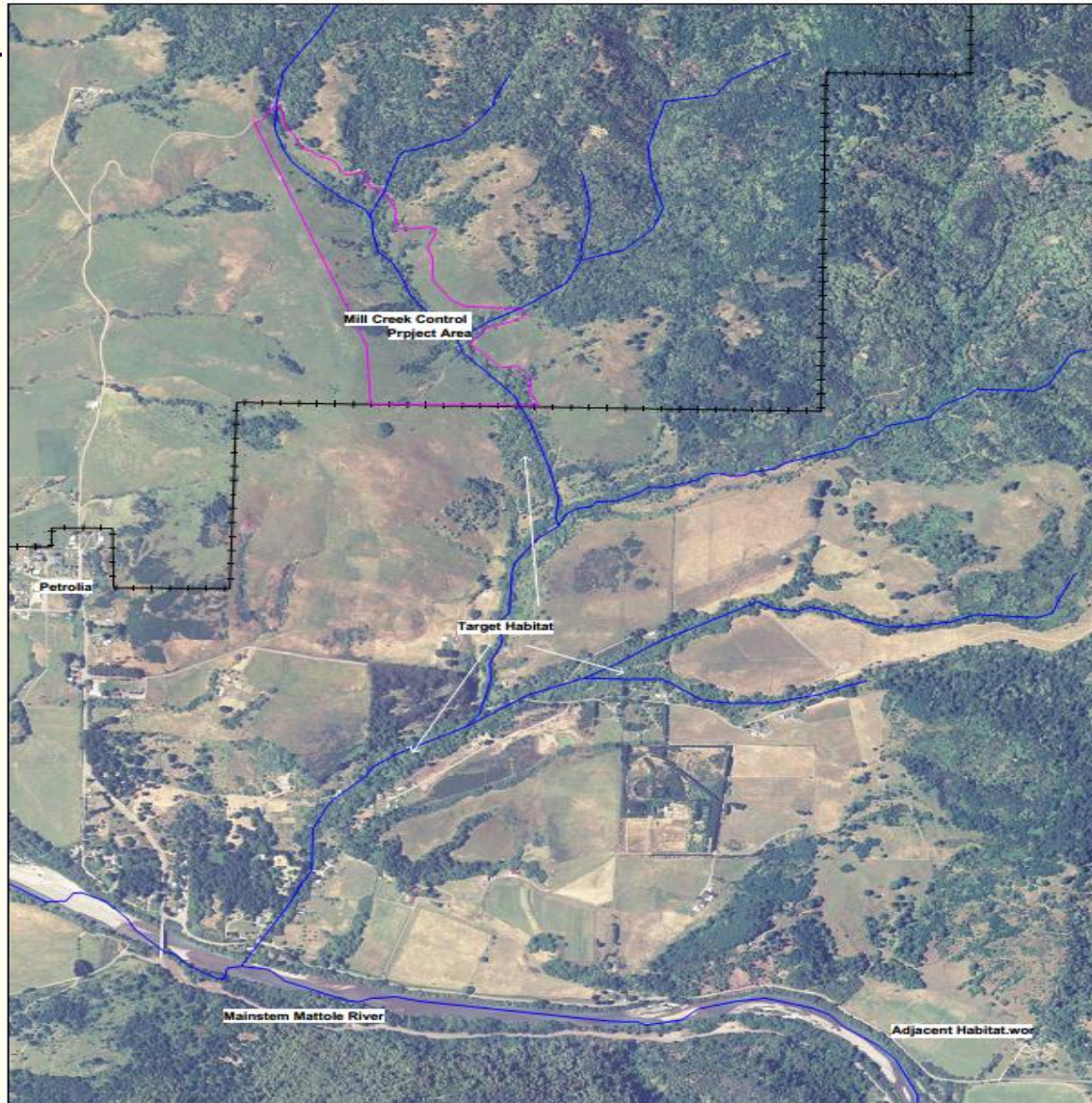


#7. East Mill Creek Riparian Enhancement



- Property overview

#7. East Mill Creek Riparian Enhancement



■ Site plan overview

#7. East Mill Creek Riparian Enhancement



- Pasture and existing fence line

#7. East Mill Creek Riparian Enhancement



- Cattle trails East Mill Creek pastures

#7. East Mill Creek Riparian Enhancement



- Upper East Mill Creek cattle crossing, riparian habitat

#7. East Mill Creek Riparian Enhancement



- New fence line location

#7. East Mill Creek Riparian Enhancement

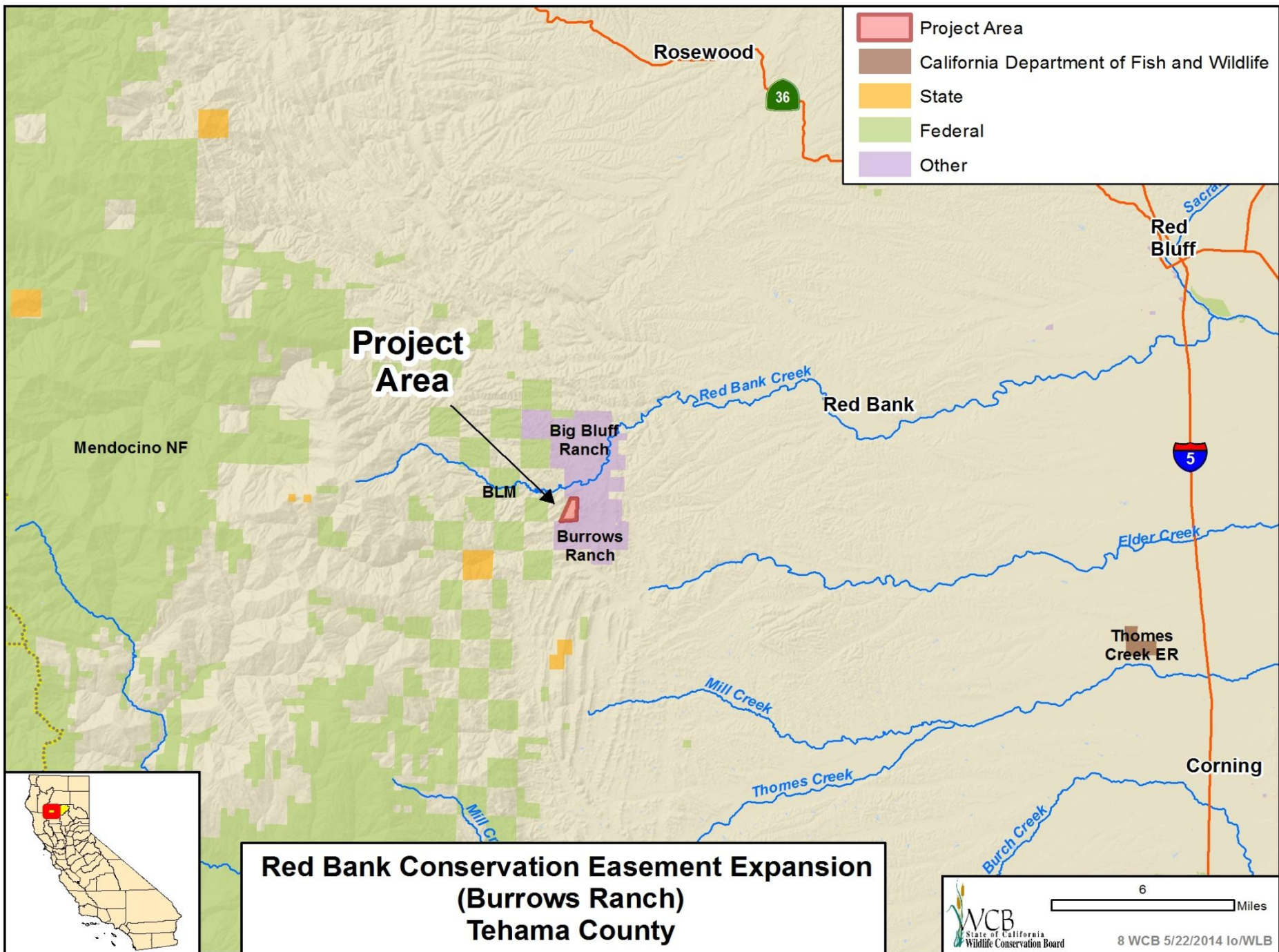


- Trough to be installed in fence line

#7. East Mill Creek Riparian Enhancement



■ Red-legged frog - East Mill Creek



#8. Red Bank, Conservation Easement Expansion, (Burrows Ranch)



- Early seral blue oak woodland

#8. Red Bank, Conservation Easement Expansion, (Burrows Ranch)



- Looking west at ranch headquarters, dry land farming, blue oak woodland and rangeland

#8. Red Bank, Conservation Easement Expansion, (Burrows Ranch)

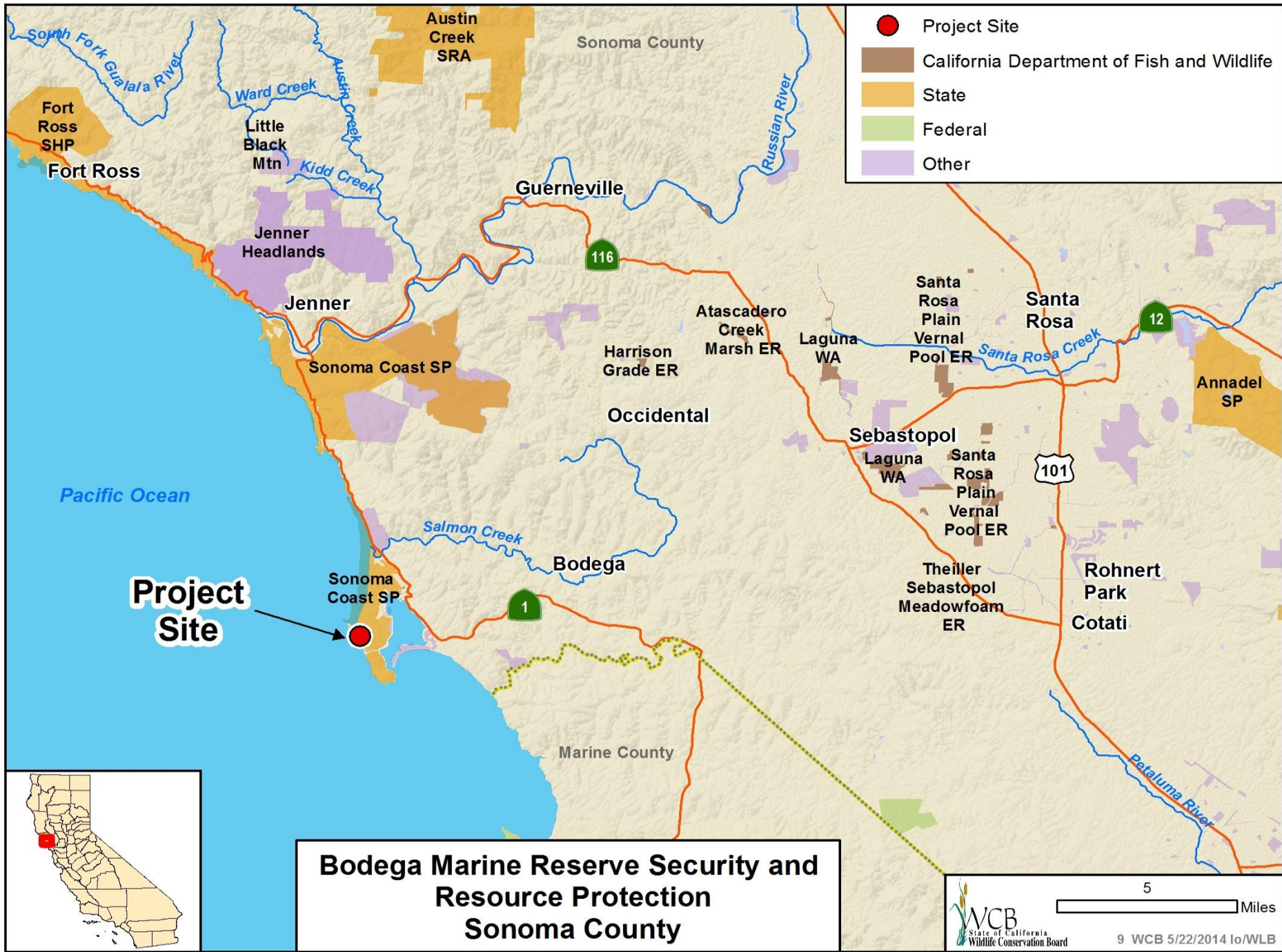


- Blue Oak Woodland on expansion area

#8. Red Bank, Conservation Easement Expansion, (Burrows Ranch)



- Original Easement of Blue Oak Savanna



#9. Bodega Marine Reserve Security and Resource Protection



- Boundary fence in need of repair

#9. Bodega Marine Reserve Security and Resource Protection



- Water damage on ceiling of the Head House-office

#9. Bodega Marine Reserve Security and Resource Protection

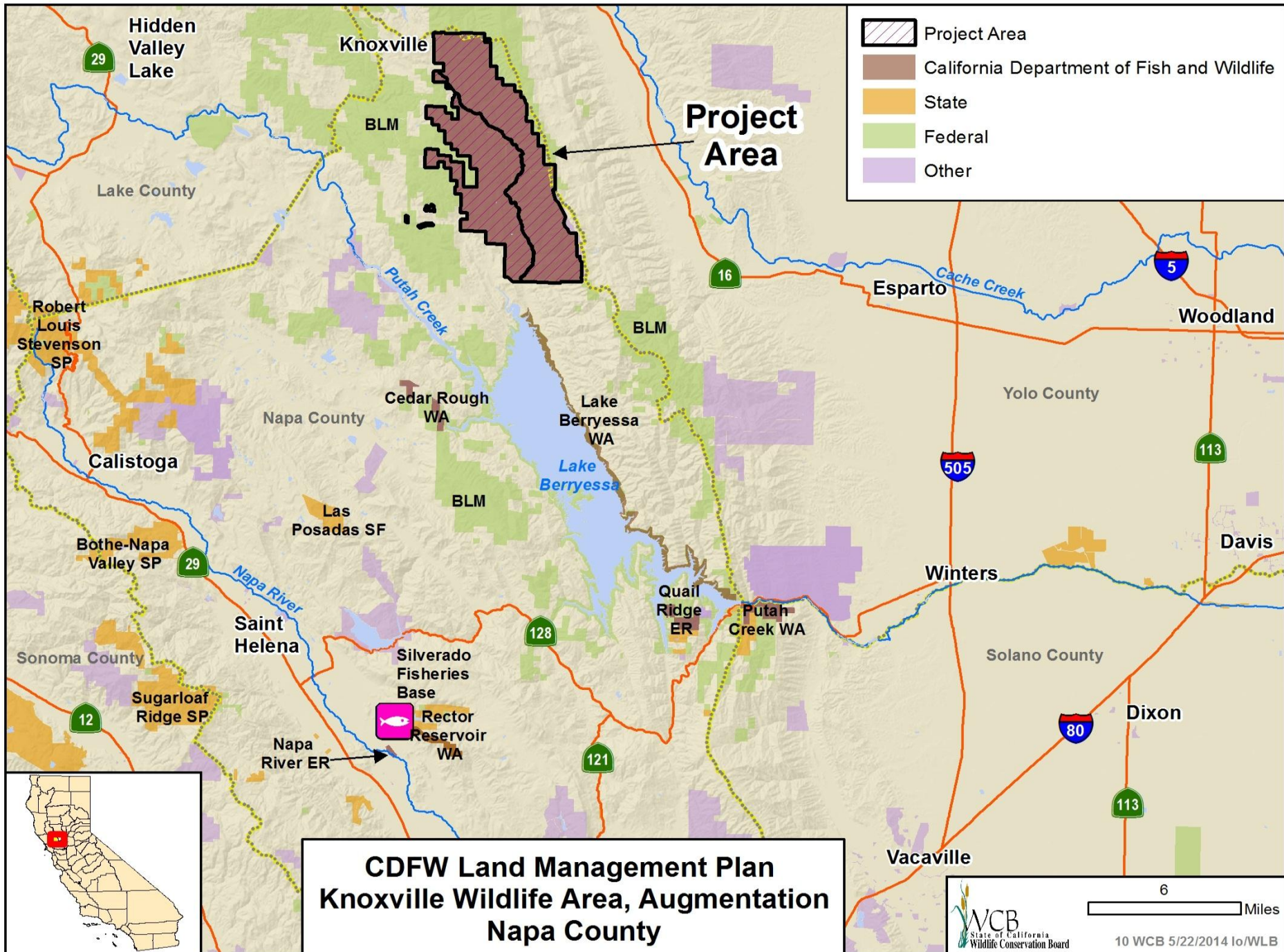


- Marine Operations trailer needs a foundation, new windows, doors and flooring

#9. Bodega Marine Reserve Security and Resource Protection



- Marine Operations Trailers illustrates trailer in need of repair in the foreground and trailer post repair in the background



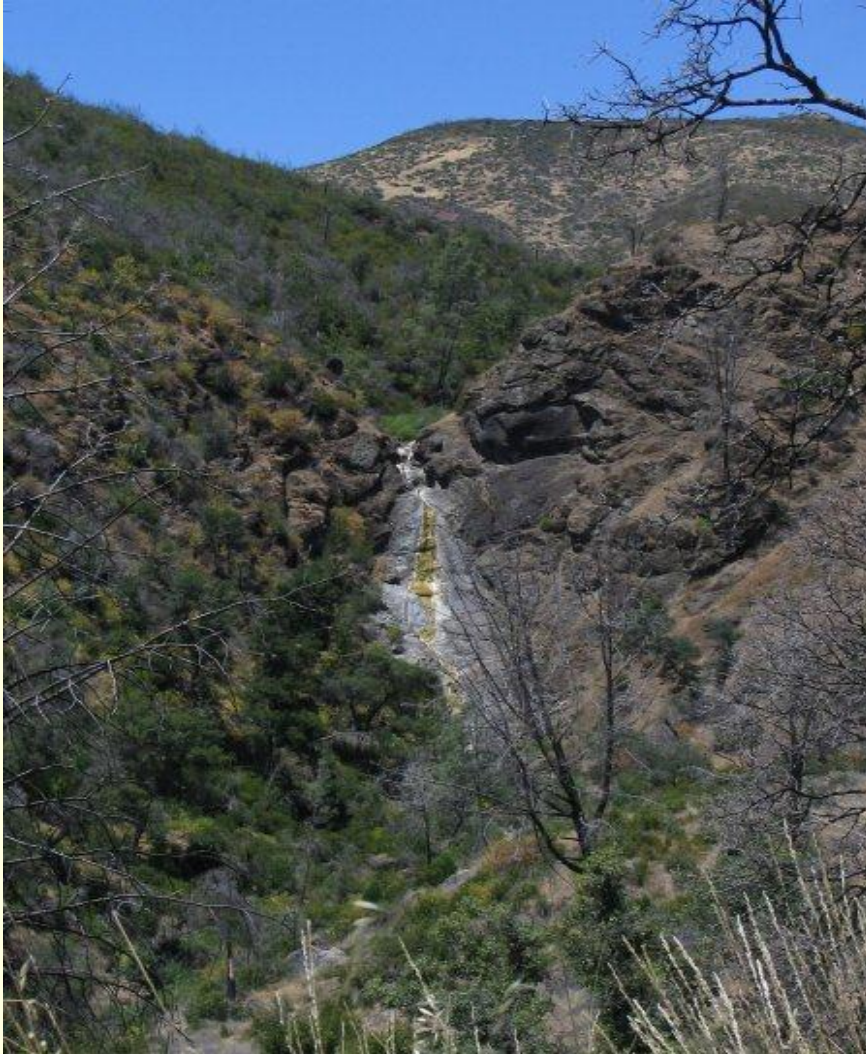
**CDFW Land Management Plan
Knoxville Wildlife Area, Augmentation
Napa County**

#10. CDFW Land Management Plan Knoxville Wildlife Area



- Knoxville Wildlife Area

#10. CDFW Land Management Plan Knoxville Wildlife Area

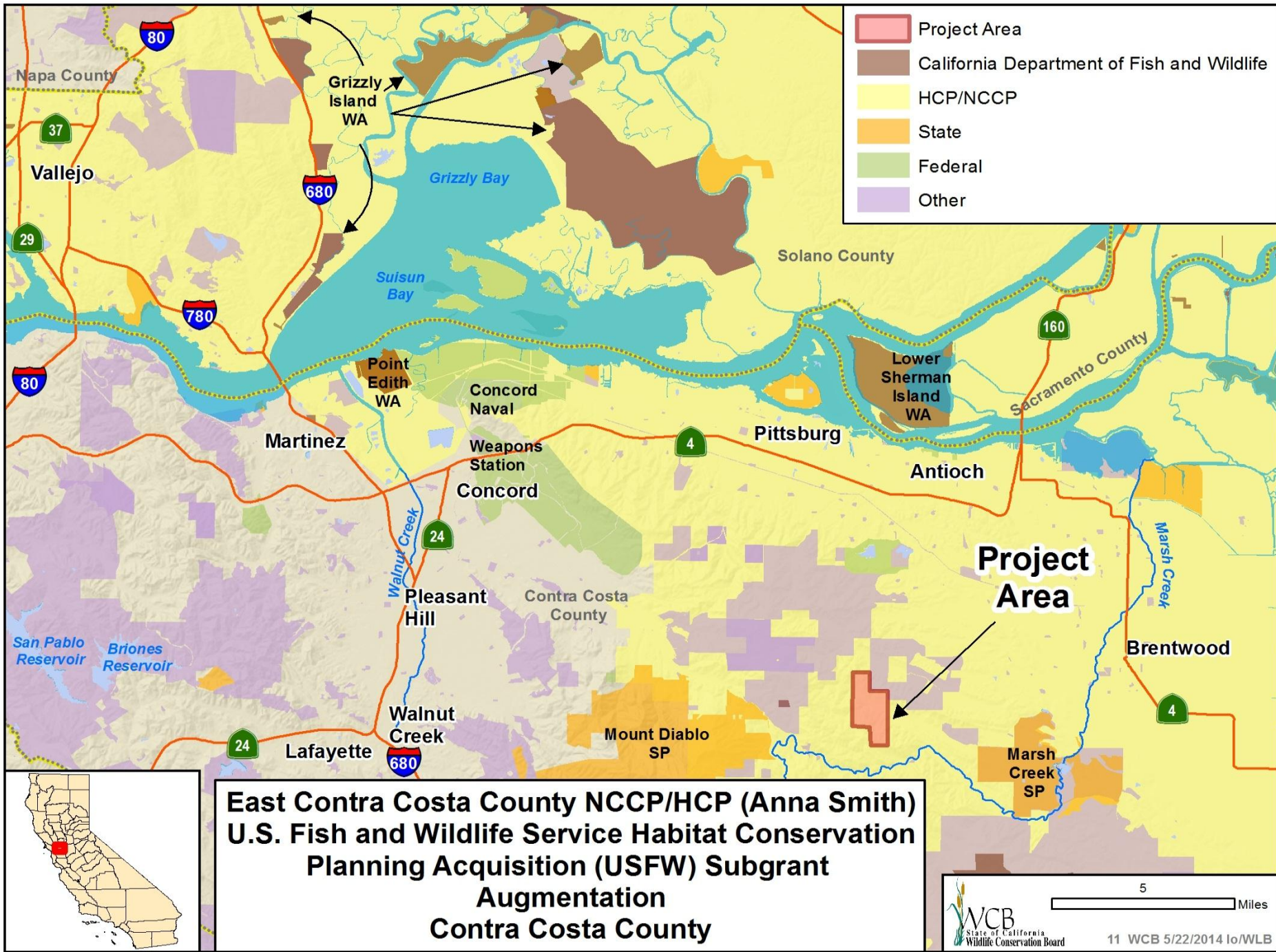


- Knoxville Wildlife Area

#10. CDFW Land Management Plan Knoxville Wildlife Area



■ Knoxville Road



#11. East Contra Costa County NCCP/HCP (Anna Smith),
U.S. Fish and Wildlife Service Habitat Conservation
Planning Acquisition (USFW) Subgrant Augmentation



- Looking north at deteriorated barn

#11. East Contra Costa County NCCP/HCP (Anna Smith),
U.S. Fish and Wildlife Service Habitat Conservation
Planning Acquisition (USFW) Subgrant Augmentation



- Looking north across main access road

#11. East Contra Costa County NCCP/HCP (Anna Smith),
U.S. Fish and Wildlife Service Habitat Conservation
Planning Acquisition (USFW) Subgrant Augmentation



- View east across meadow

#11. East Contra Costa County NCCP/HCP (Anna Smith),
U.S. Fish and Wildlife Service Habitat Conservation
Planning Acquisition (USFW) Subgrant Augmentation



- Old wagon with oak woodlands in background

#11. East Contra Costa County NCCP/HCP (Anna Smith),
U.S. Fish and Wildlife Service Habitat Conservation
Planning Acquisition (USFW) Subgrant Augmentation



- Cattle grazing along the western property boundary



Project Site



California Department of Fish and Wildlife



San Joaquin River Conservancy



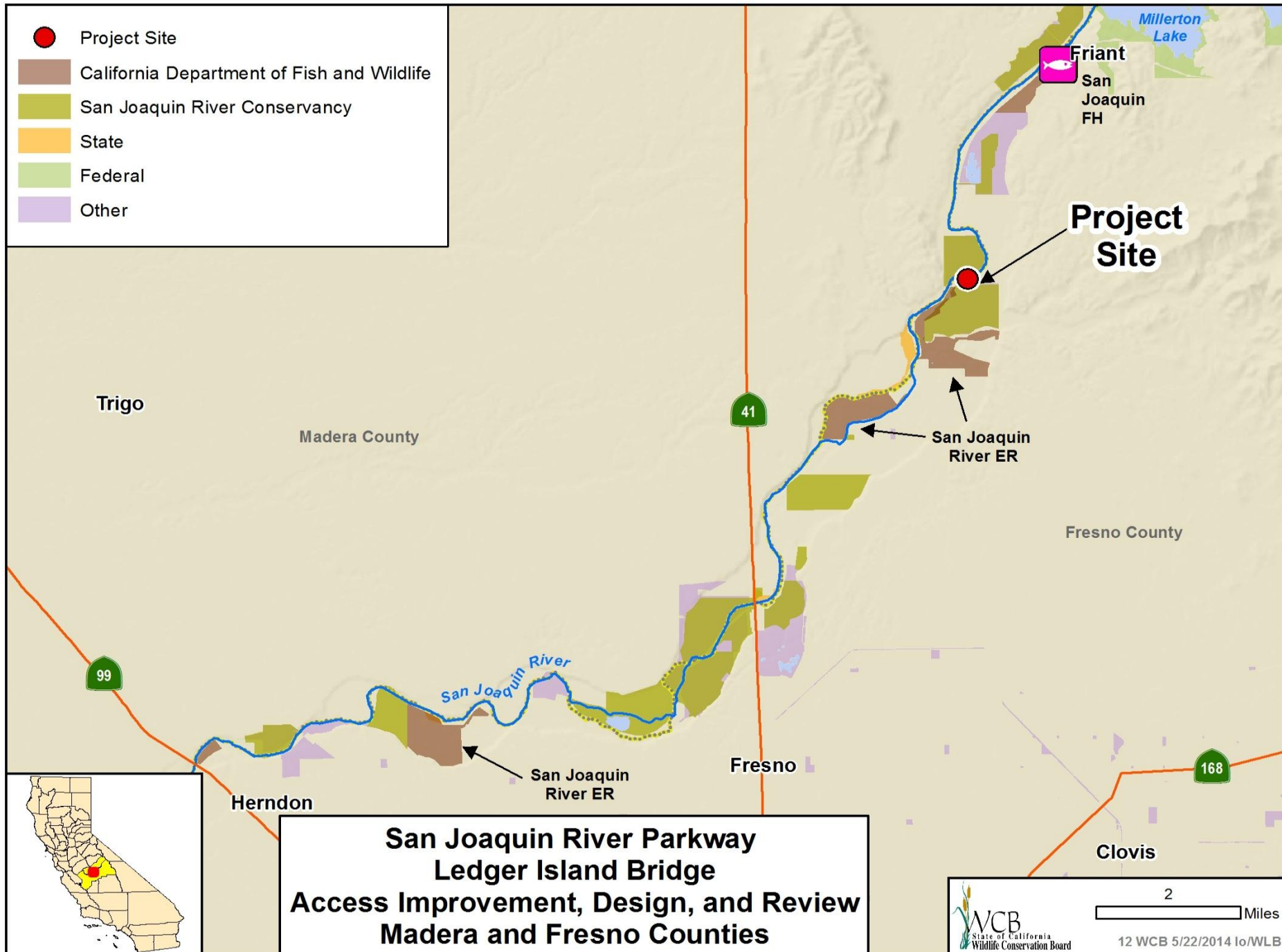
State



Federal

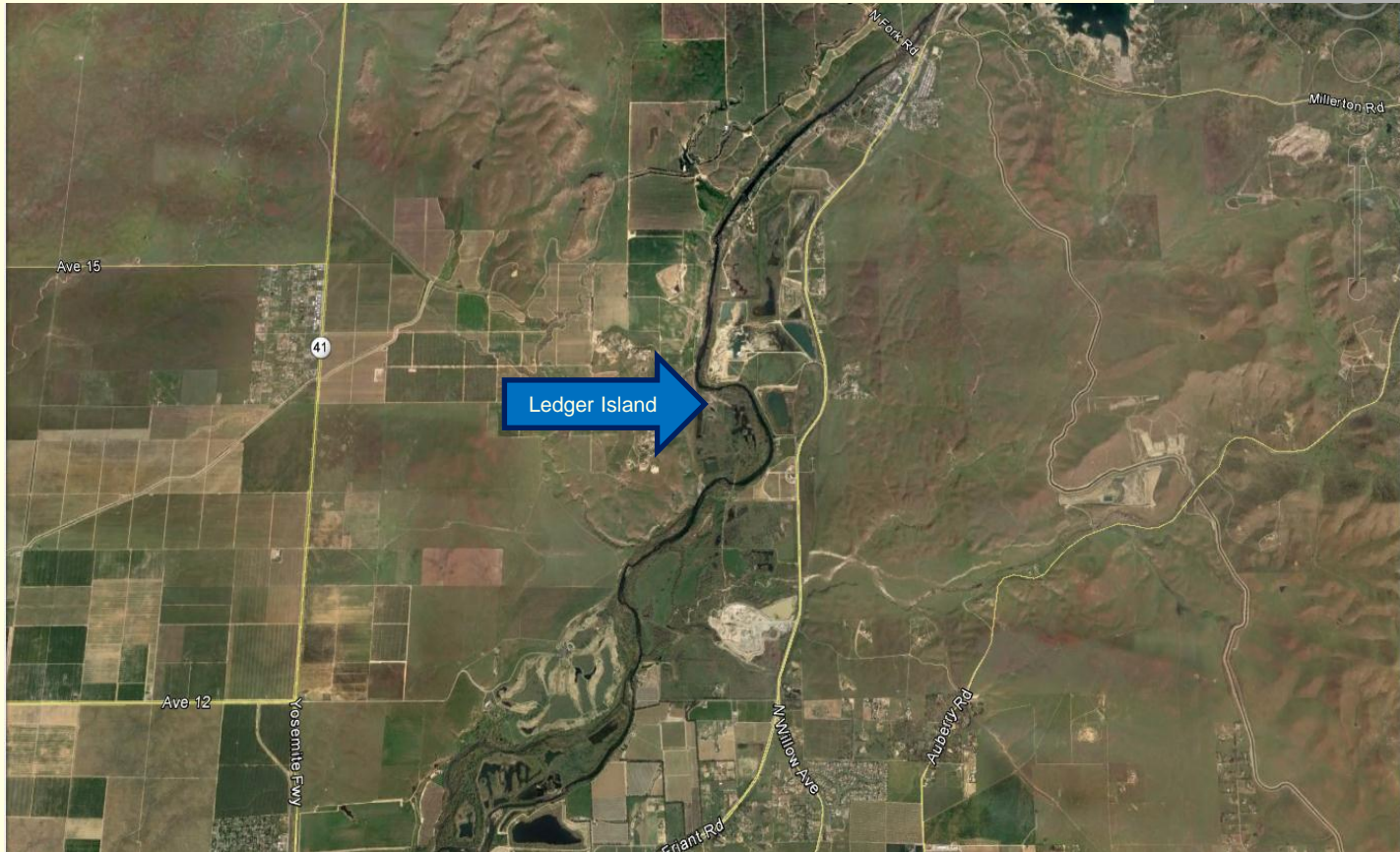


Other



**San Joaquin River Parkway
Ledger Island Bridge
Access Improvement, Design, and Review
Madera and Fresno Counties**

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



- Aerial view of Ledger Island

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



- Aerial view of the Ledger Island Bridge

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



- Bridge crossing from upstream looking south

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



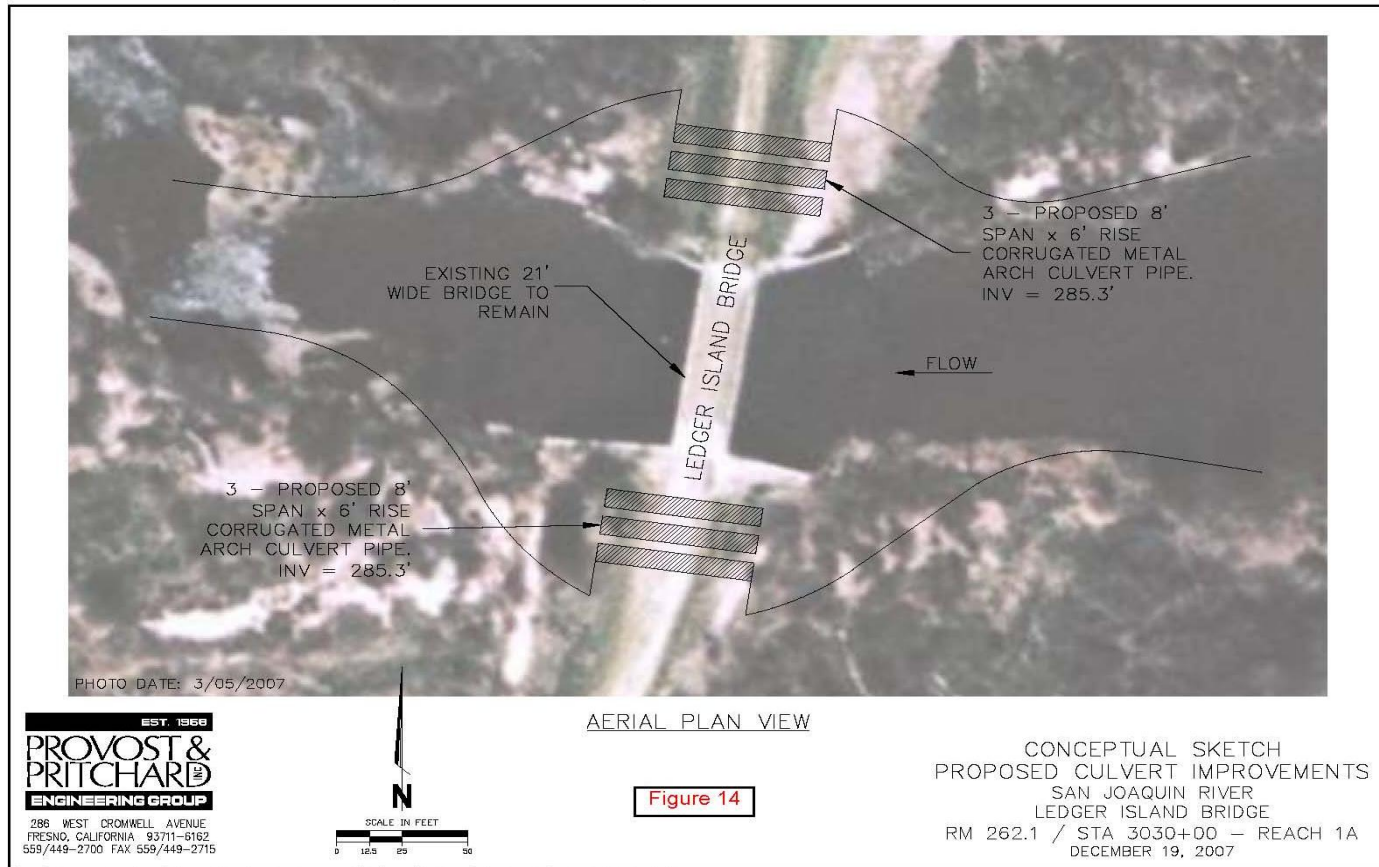
- Bridge crossing from upstream looking west

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



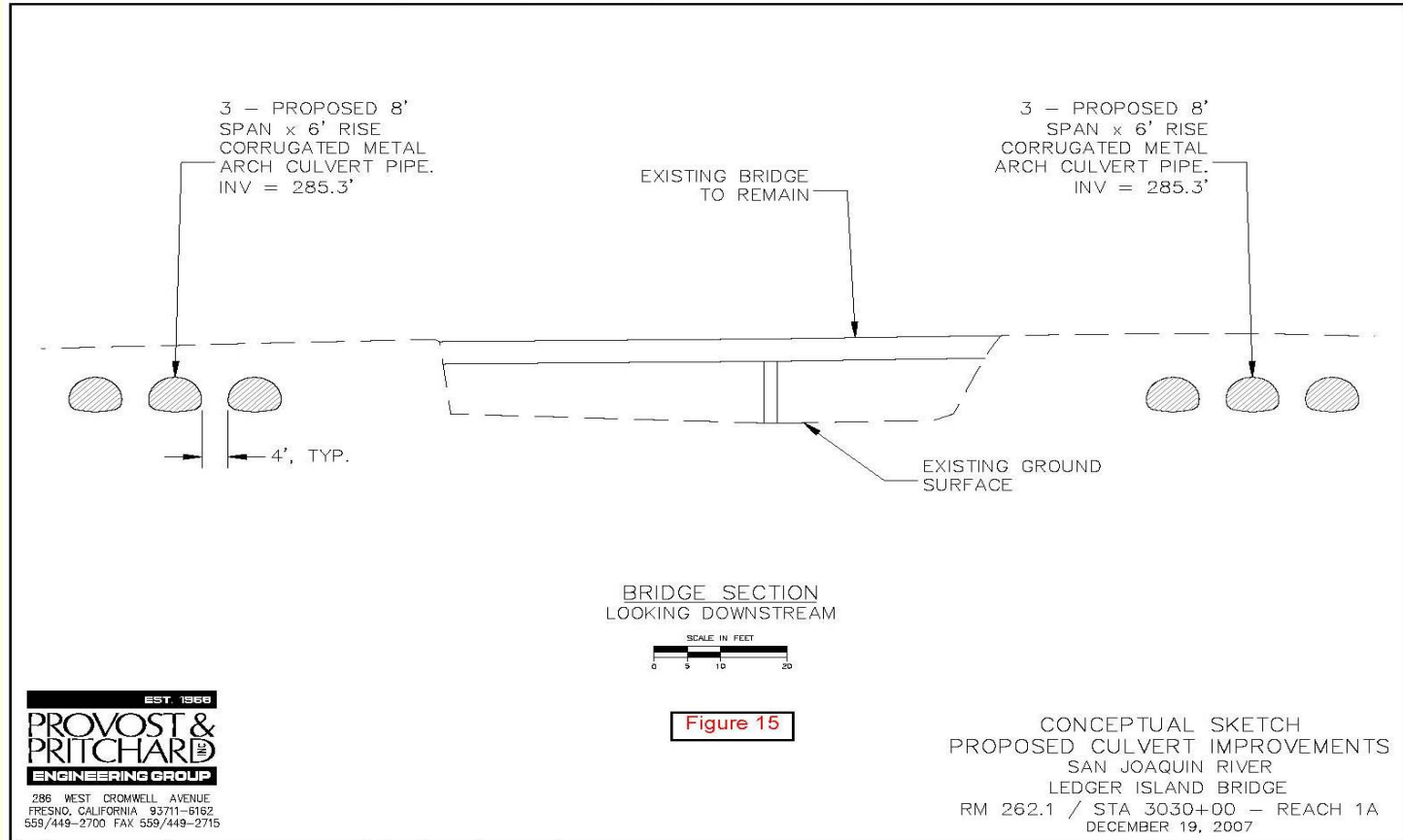
- Soil void beneath concrete cap, downstream side near abutement, right bank approach

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



■ Concept plan view

#12. San Joaquin River Parkway, Ledger Island Bridge Access Improvement, Design and Review



■ Concept profile



Project Site



California Department of Fish and Wildlife



San Joaquin River Conservancy



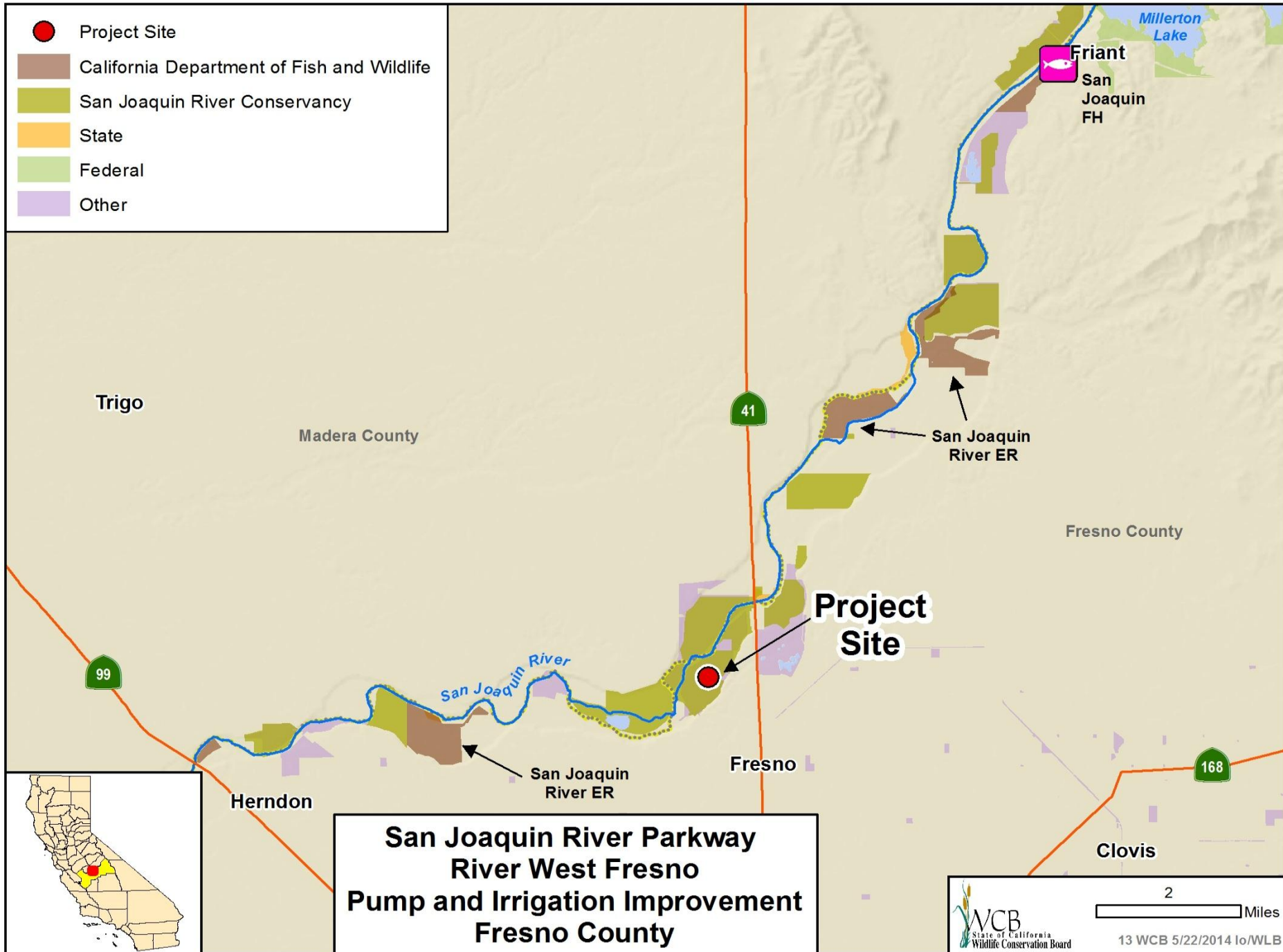
State



Federal



Other



Friant
San
Joaquin
FH

Millerton
Lake

San Joaquin
River ER

Fresno County

Project
Site

Fresno

San Joaquin
River ER

Herndon

Clovis

**San Joaquin River Parkway
River West Fresno
Pump and Irrigation Improvement
Fresno County**



2

Miles

13 WCB 5/22/2014 lo/WLB

#13. San Joaquin River Parkway, River West Fresno Pump and Irrigation Improvements



- Aerial view of the “H” pond and River West Fresno

#13. San Joaquin River Parkway, River West Fresno Pump and Irrigation Improvements



- Looking west from bluff towards the middle of the H Pond

#13. San Joaquin River Parkway, River West Fresno Pump and Irrigation Improvements

- Spano River Ranch Riparian & Upland Restoration Water Supply Improvement



#13. San Joaquin River Parkway, River West Fresno Pump and Irrigation Improvements

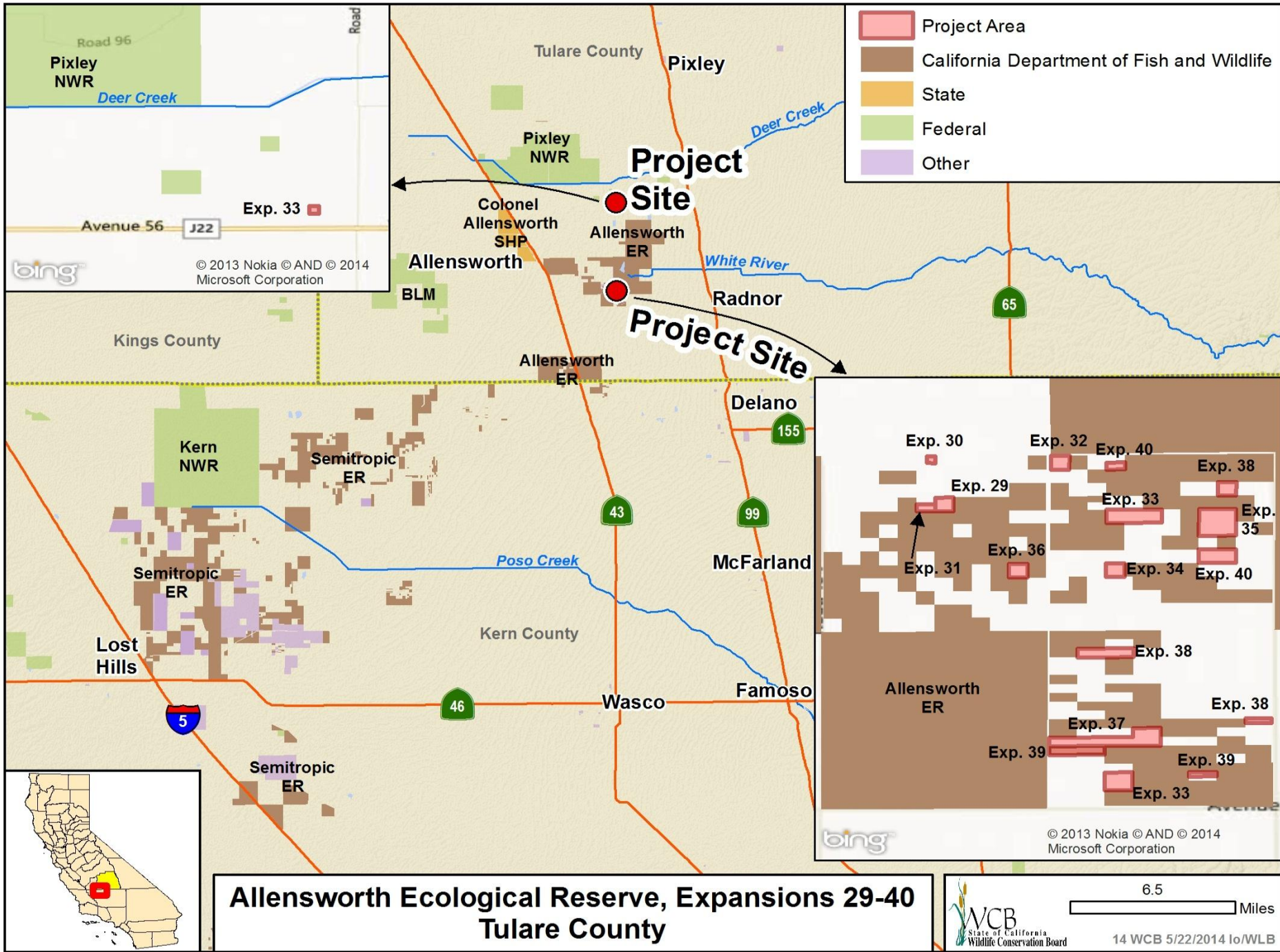


- View across pond looking east from former quarry road

#13. San Joaquin River Parkway, River West Fresno Pump and Irrigation Improvements



- Southern shore looking east



#14. Allensworth Ecological Reserve, Expansion 29-40



- San Joaquin kit fox

#14. Allensworth Ecological Reserve, Expansion 29-40



- Tipton Kangaroo Rat

#14. Allensworth Ecological Reserve, Expansion 29-40



- Blunt-Nosed Leopard Lizard

#14. Allensworth Ecological Reserve, Expansion 29-40

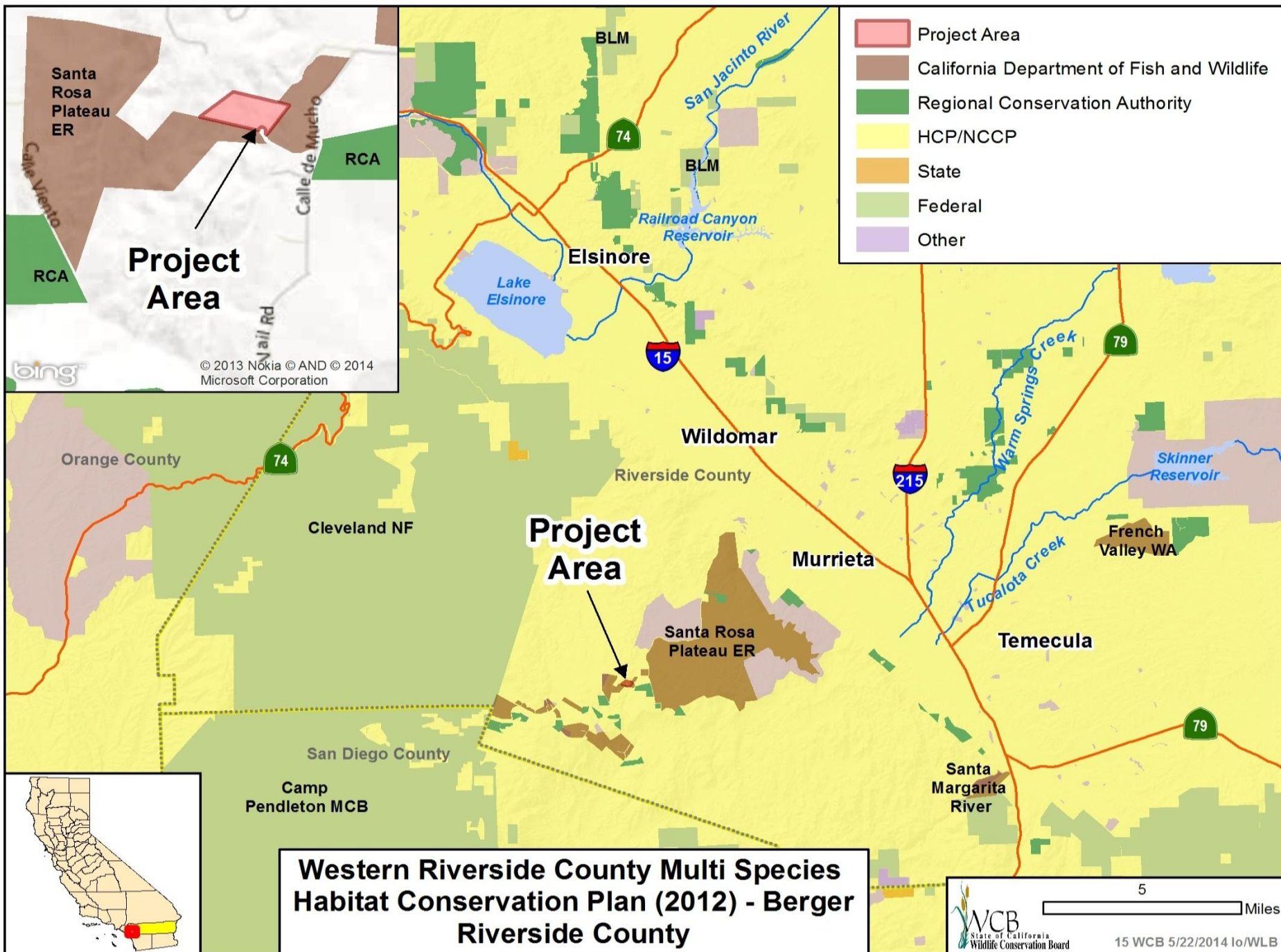


■ View looking south

#14. Allensworth Ecological Reserve, Expansion 29-40



■ View looking west



#15. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Berger



- The Berger Property is located in the San Rosa Plateau Core Habitat Area

#15. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Berger

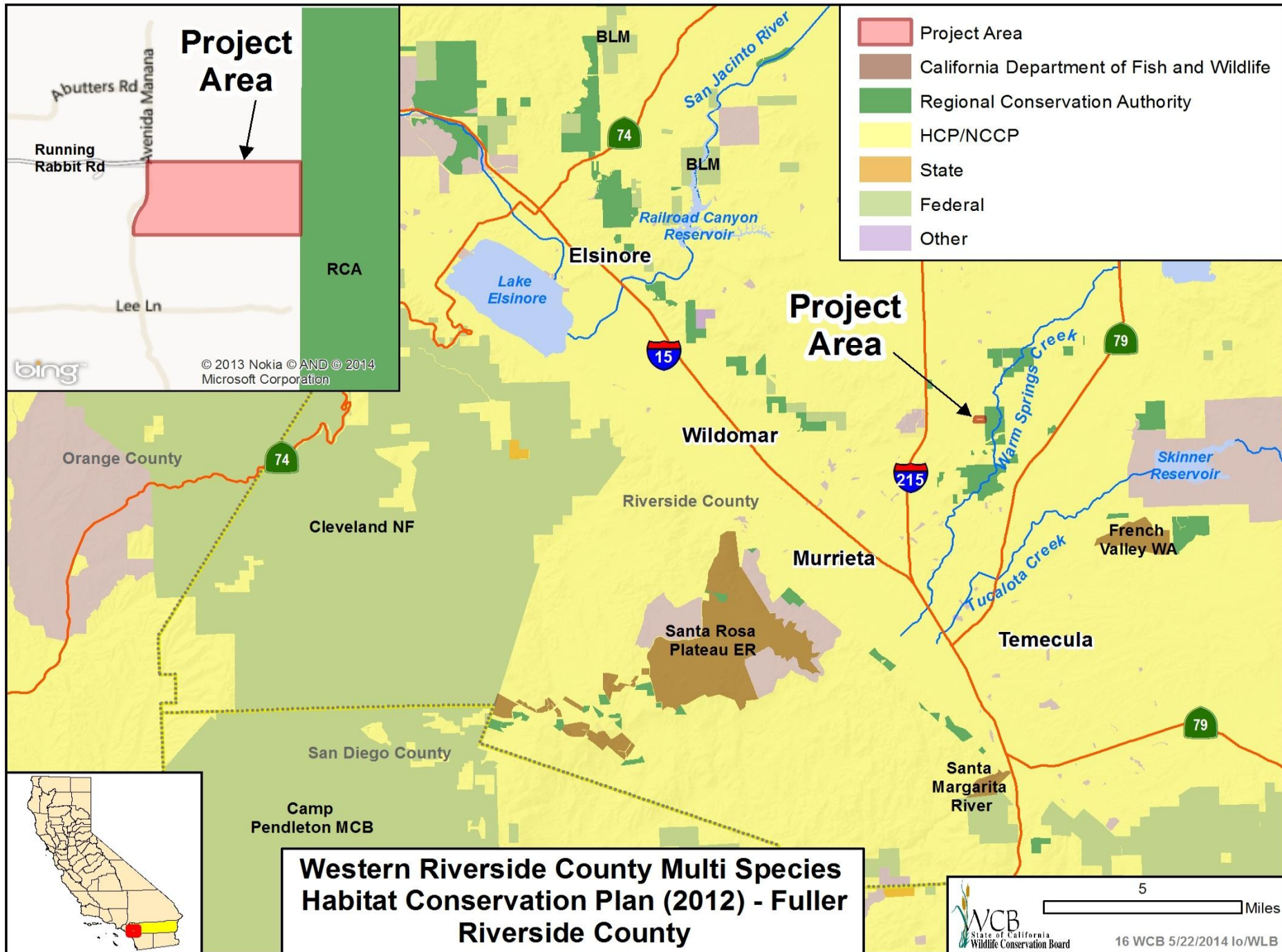


- The Berger Property will serve as an important link that will expand the wildlife corridor habitat in Western Riverside County

#15. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Berger



- Views of the northern portion of the Property
(Photos Courtesy of the Regional Conservation Authority)



#16. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Fuller



- The Fuller Property is located adjacent to Avenida Manana Road

#16. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Fuller



- The Fuller Property is situated within the Western Core Linkage area within the Riverside County MSHCP

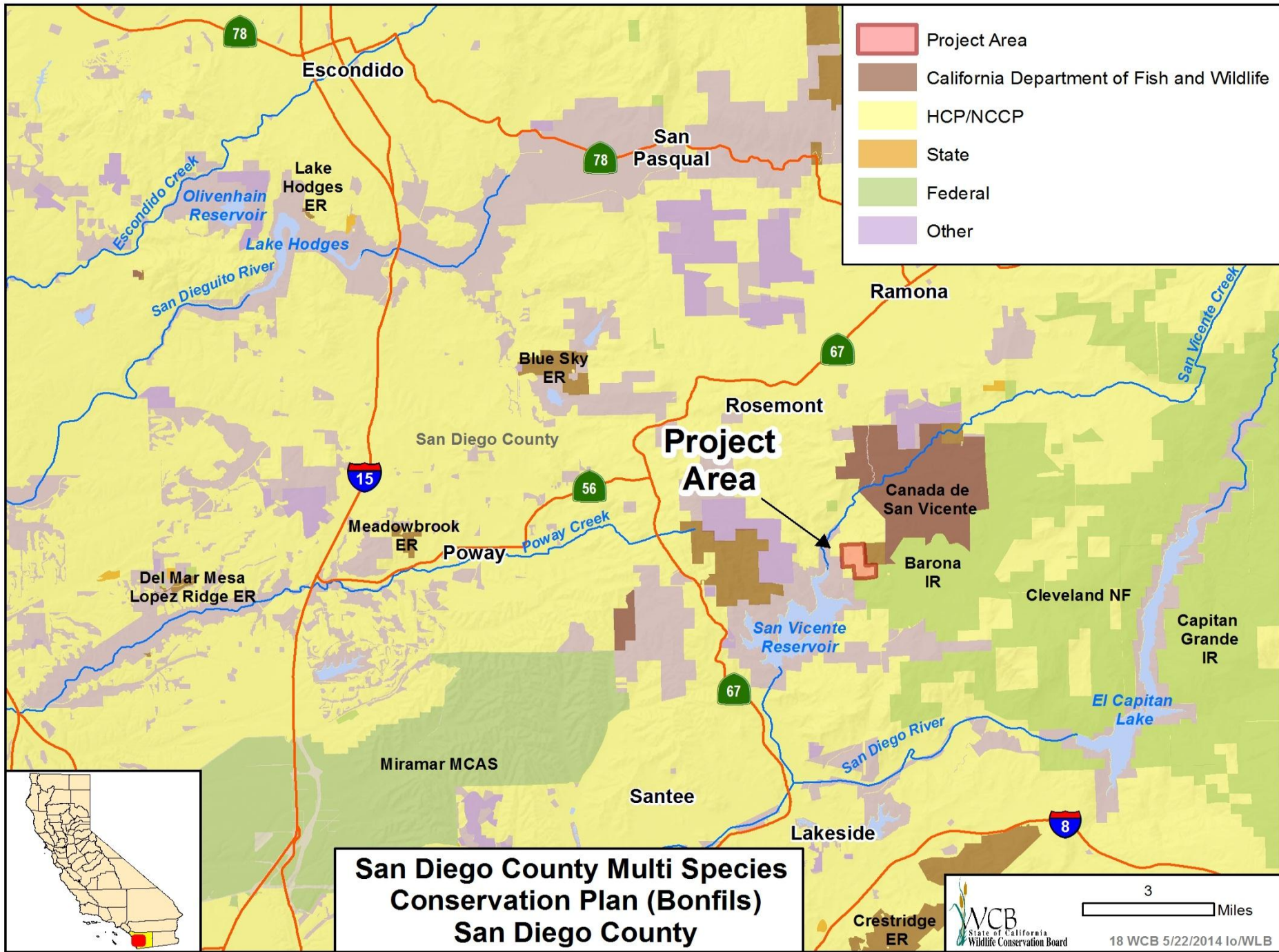
#16. Western Riverside County Multi Species Habitat Conservation Plan (2012) - Fuller



- The site is vacant and unimproved with a rolling steep topography that includes coastal sage scrub, chaparral and chemise vegetation

#17. Kimball Valley – Arroyo Toad, Recovery Land Acquisition Grant (2010) (Hulett)

- This Item was withdrawn from consideration at this time.



#18. San Diego County Multi Species Conservation Plan (Bonfils)



- Interior view of the property

#18. San Diego County Multi Species Conservation Plan (Bonfils)

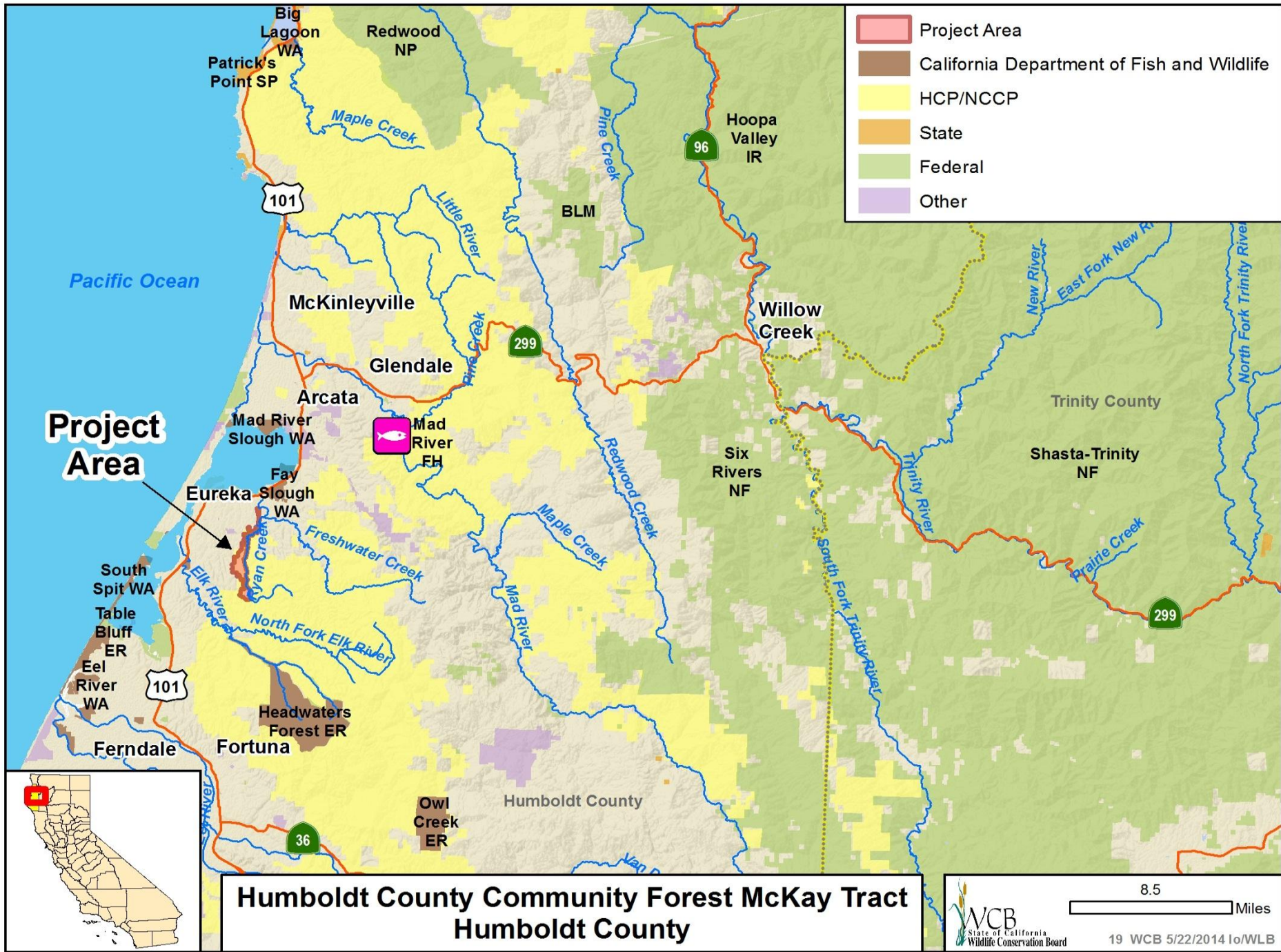


- Natural pond on property

#18. San Diego County Multi Species Conservation Plan (Bonfils)



- Looking west from the property



#19. Humboldt County Community Forest, McKay Tract



Photos courtesy of Humboldt County

- Humboldt Community Forest – 1,000 Acres

#19. Humboldt County Community Forest, McKay Tract



Photos courtesy of Humboldt County

- Aerial view of McKay Tract

#19. Humboldt County Community Forest, McKay Tract



- McKay Tract land holdings adjacent to the urban interface and west of Ryan Creek.

#19. Humboldt County Community Forest, McKay Tract



Photos courtesy of Humboldt County

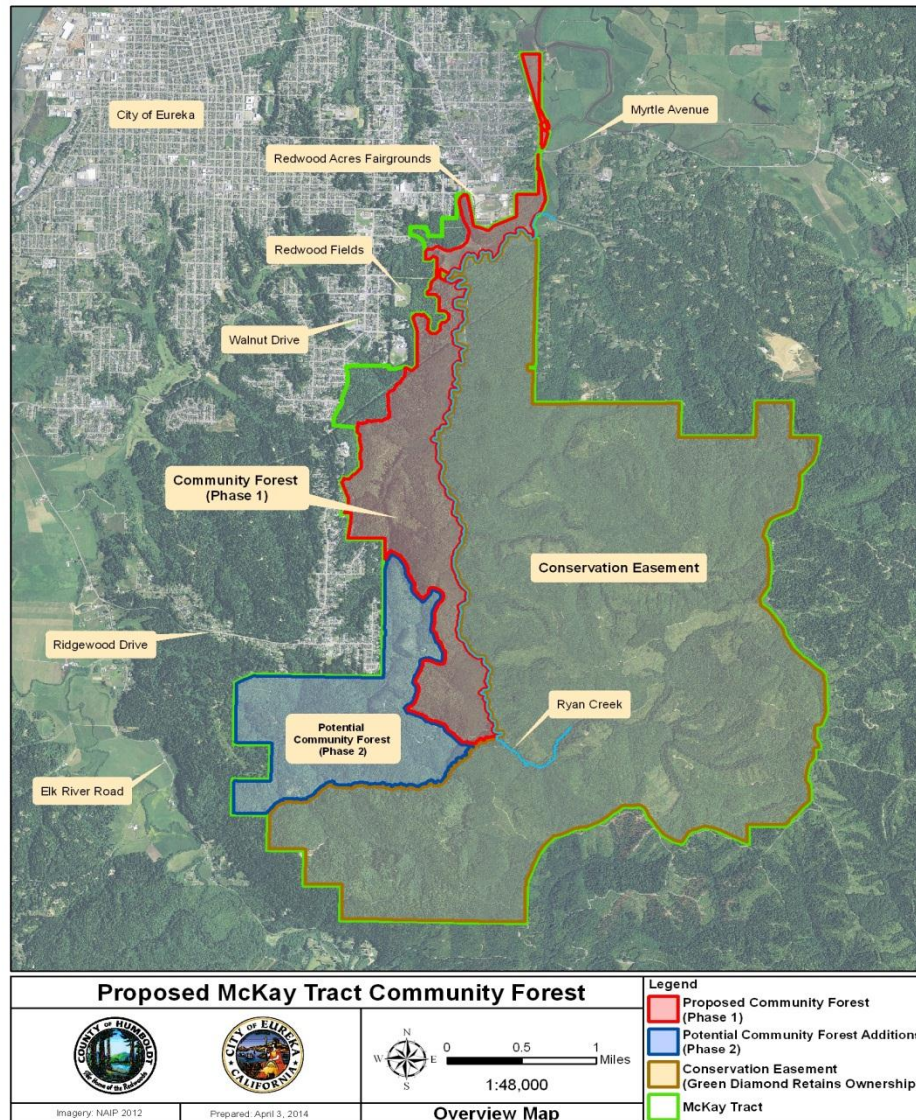
- Public access and recreation opportunities within a forest near the greater Eureka area.

#19. Humboldt County Community Forest, McKay Tract

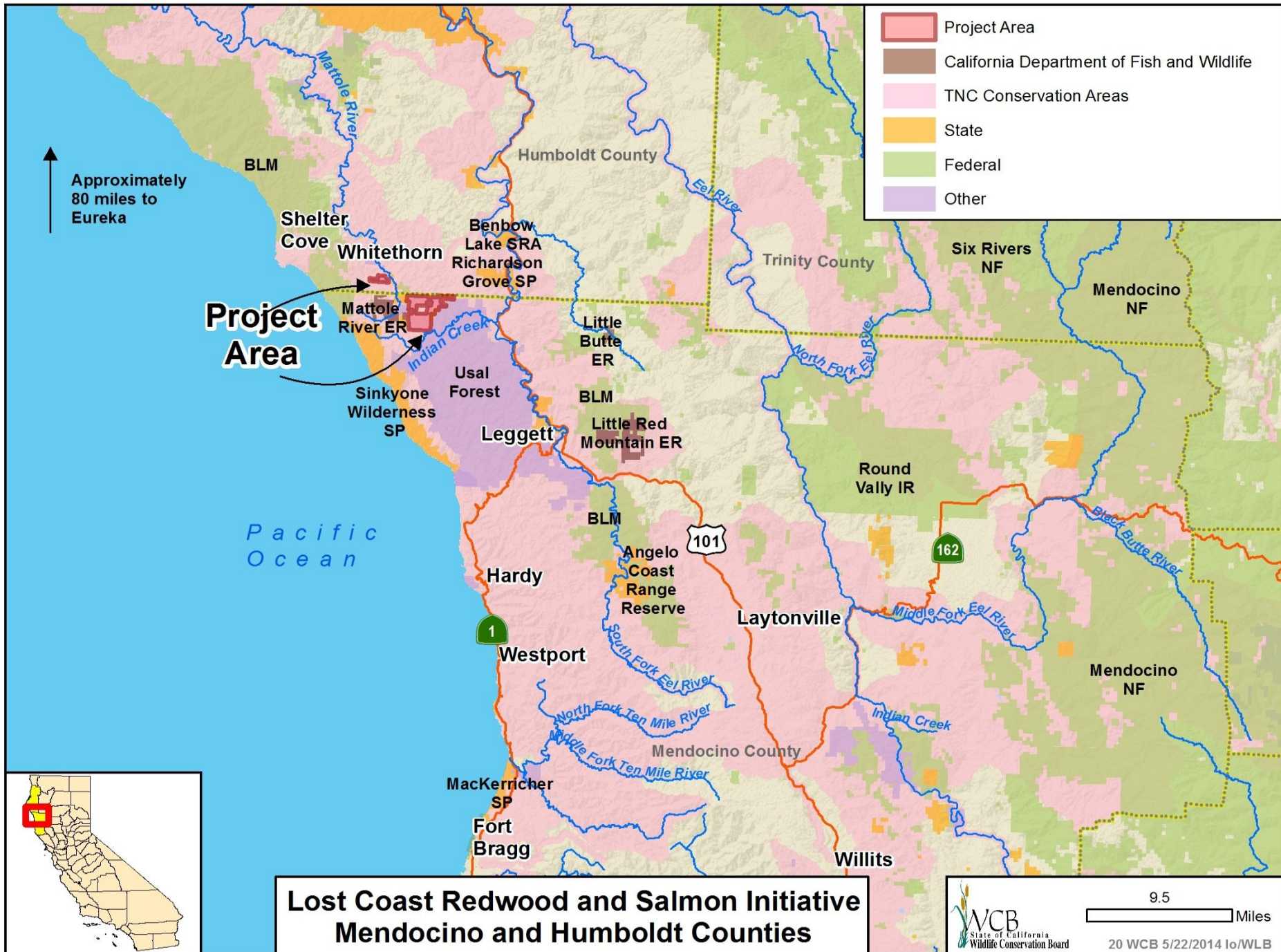


- Aerial view of McKay Tract

#19. Humboldt County Community Forest, McKay Tract

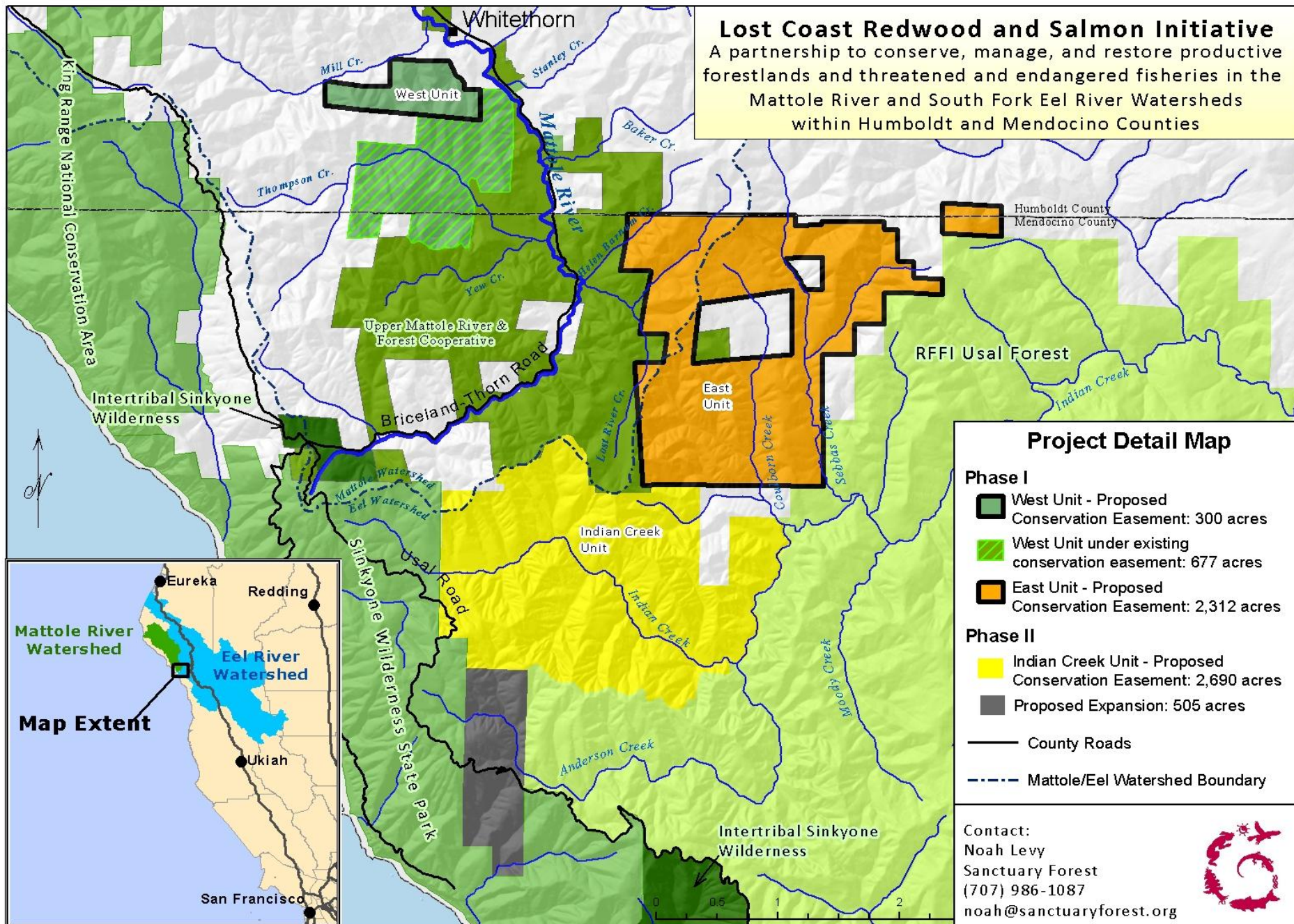


- Proposed acquisition in red.
- Potential Phase II in blue.
- Forest Legacy Conservation Easement in Green/Orange.



Lost Coast Redwood and Salmon Initiative

A partnership to conserve, manage, and restore productive forestlands and threatened and endangered fisheries in the Mattole River and South Fork Eel River Watersheds within Humboldt and Mendocino Counties



NOTE: This map is intended for general reference purposes only. Property boundaries are approximate and unverified.
 Mattole Restoration Council GIS | 04.4.2014 | \\mcrms\nodgrass\project_detail140404.mxd

#20. Lost Coast Redwood and Salmon Initiative



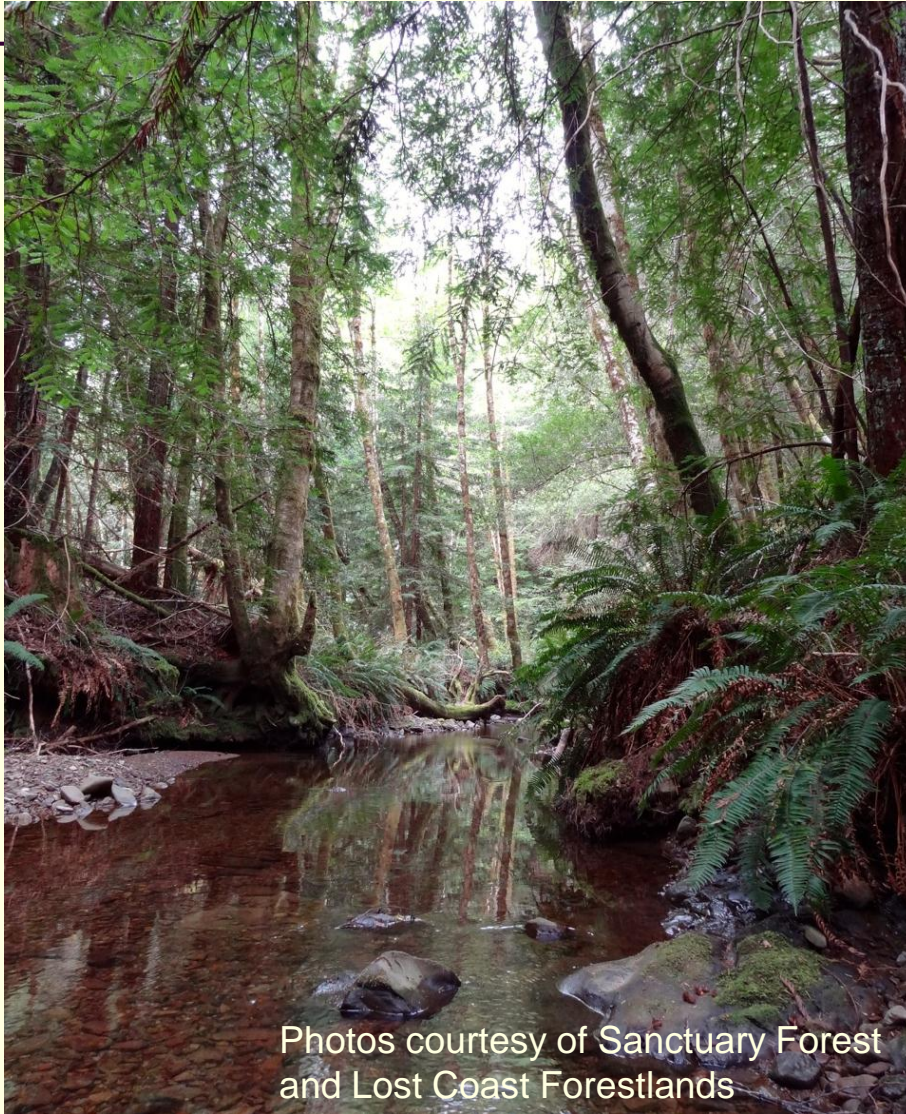
- Clear cut area

#20. Lost Coast Redwood and Salmon Initiative



- Abandoned structure and debris.

#20. Lost Coast Redwood and Salmon Initiative



Photos courtesy of Sanctuary Forest
and Lost Coast Forestlands

■ Tributary Creek

#20. Lost Coast Redwood and Salmon Initiative



■ Forest vista

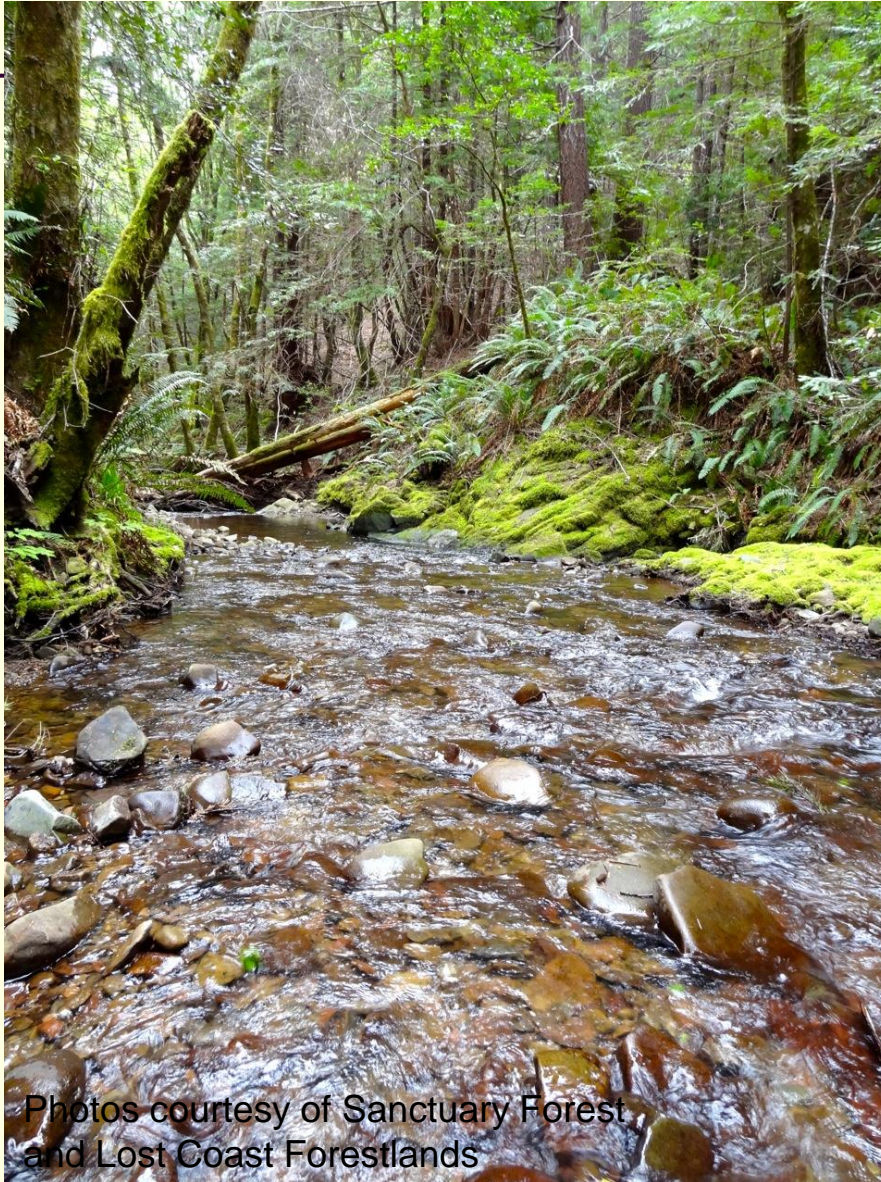
#20. Lost Coast Redwood and Salmon Initiative



Photos courtesy of Sanctuary Forest
and Lost Coast Forestlands

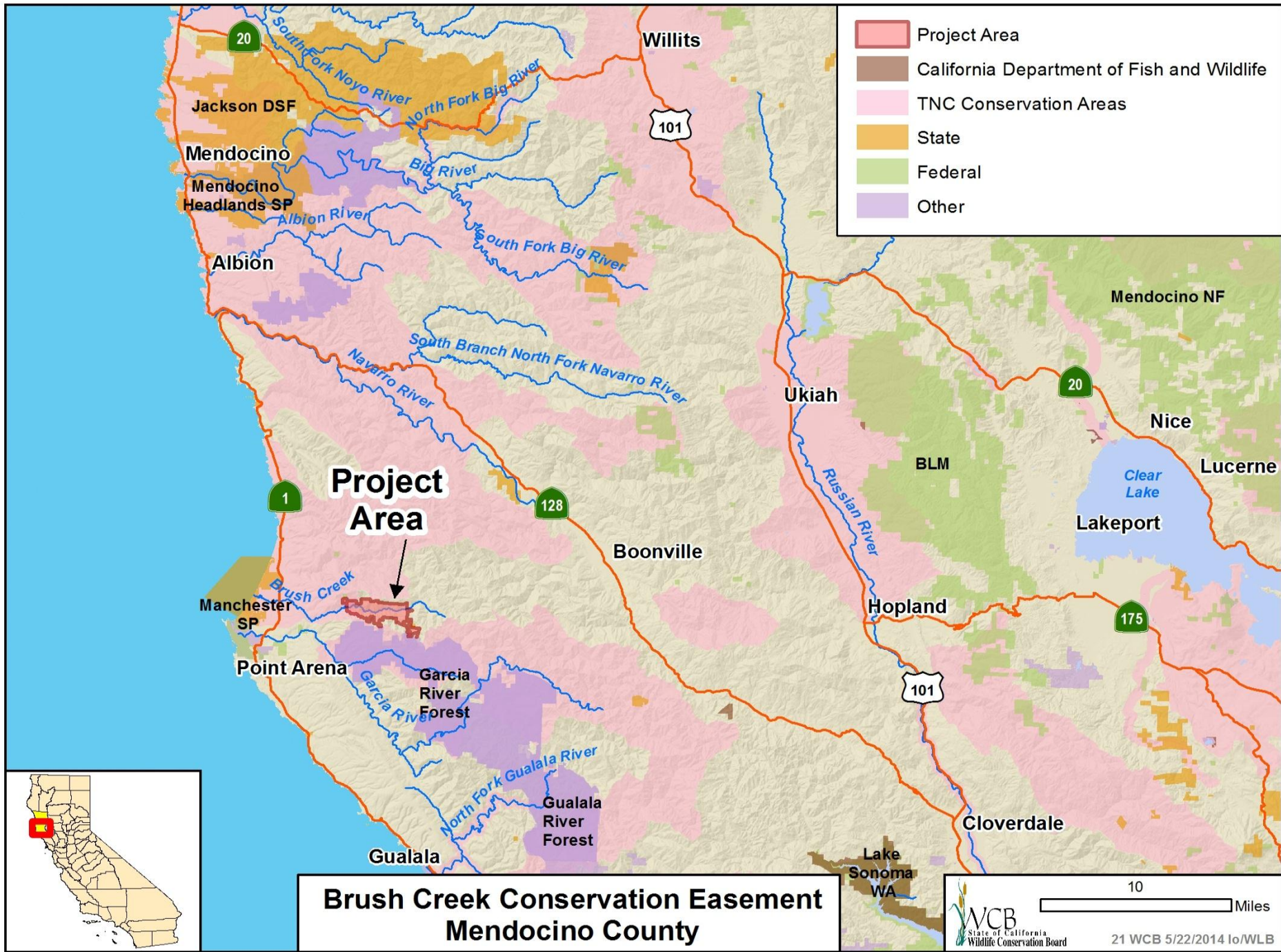
- Mattole River near Lost Man Creek that flows from East Unit.

#20. Lost Coast Redwood and Salmon Initiative



- Low gradient tributary with upstream pool good for spawning access and rearing.

Photos courtesy of Sanctuary Forest
and Lost Coast Forestlands



#21. Brush Creek Conservation Easement



Photos courtesy of the Medocino Land Trust

- Brush Creek includes 4.8 miles of salmonid creeks that include 2.6 miles of class 2 watercourses

#21. Brush Creek Conservation Easement



- Landowner pictured with old-growth & second growth redwoods



Foothill
Yellow-
legged
Frog



Northern
Spotted
Owl



Tidewater
Goby



Coho
Salmon



Steelhead

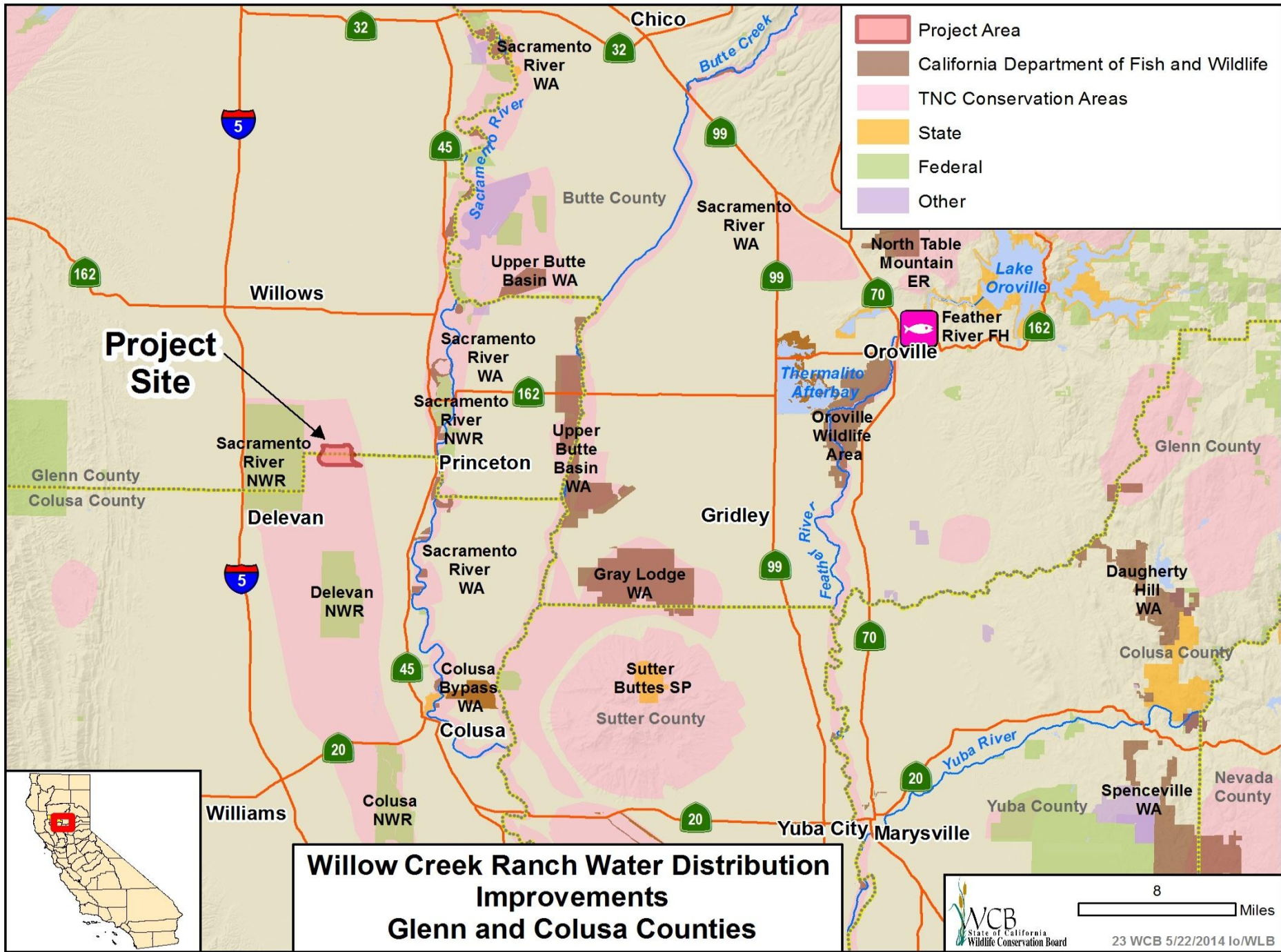
#21. Brush Creek Conservation Easement



Pt. Arena Mountain Beaver - file photo by Kim Fitts

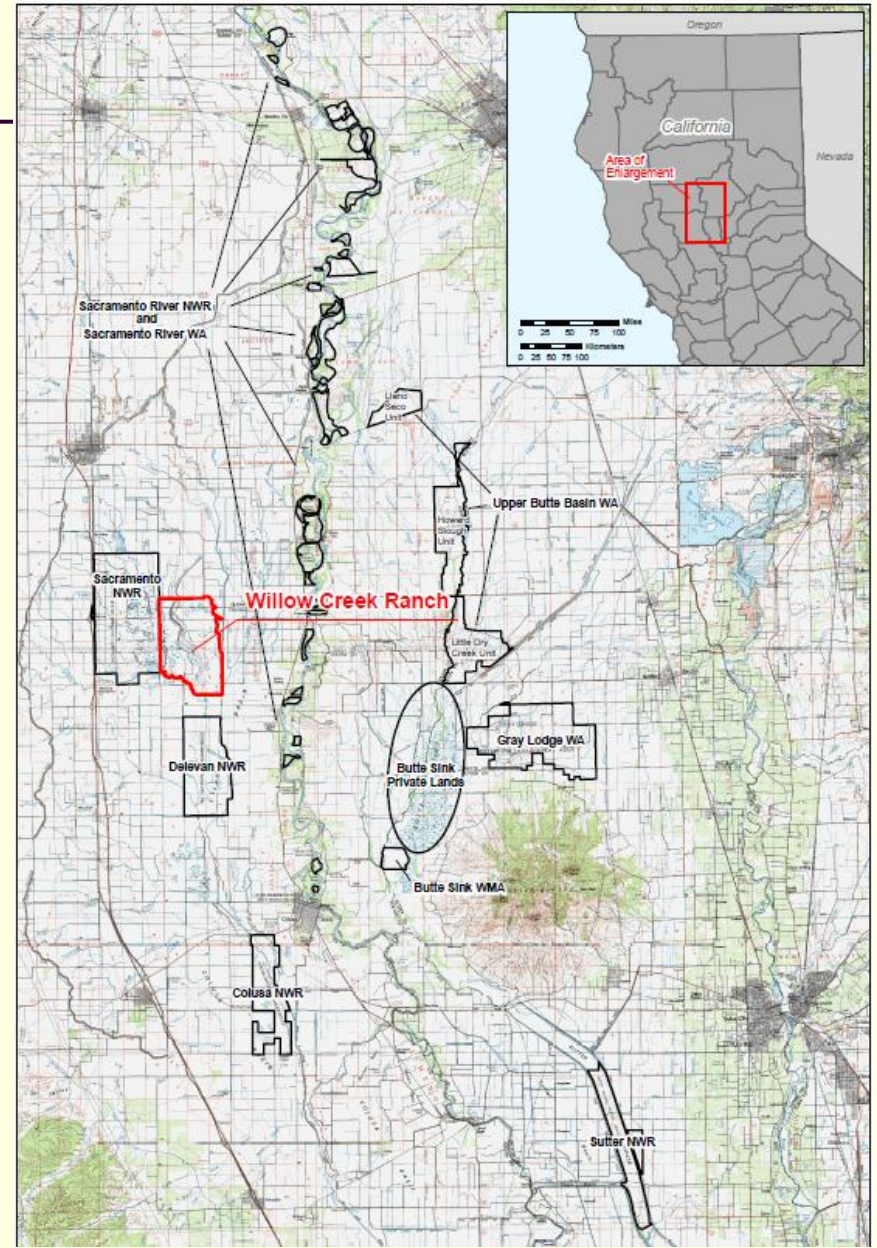
#22. Usal Forest Conservation Easement Transfer

- This item was withdrawn from consideration at this time

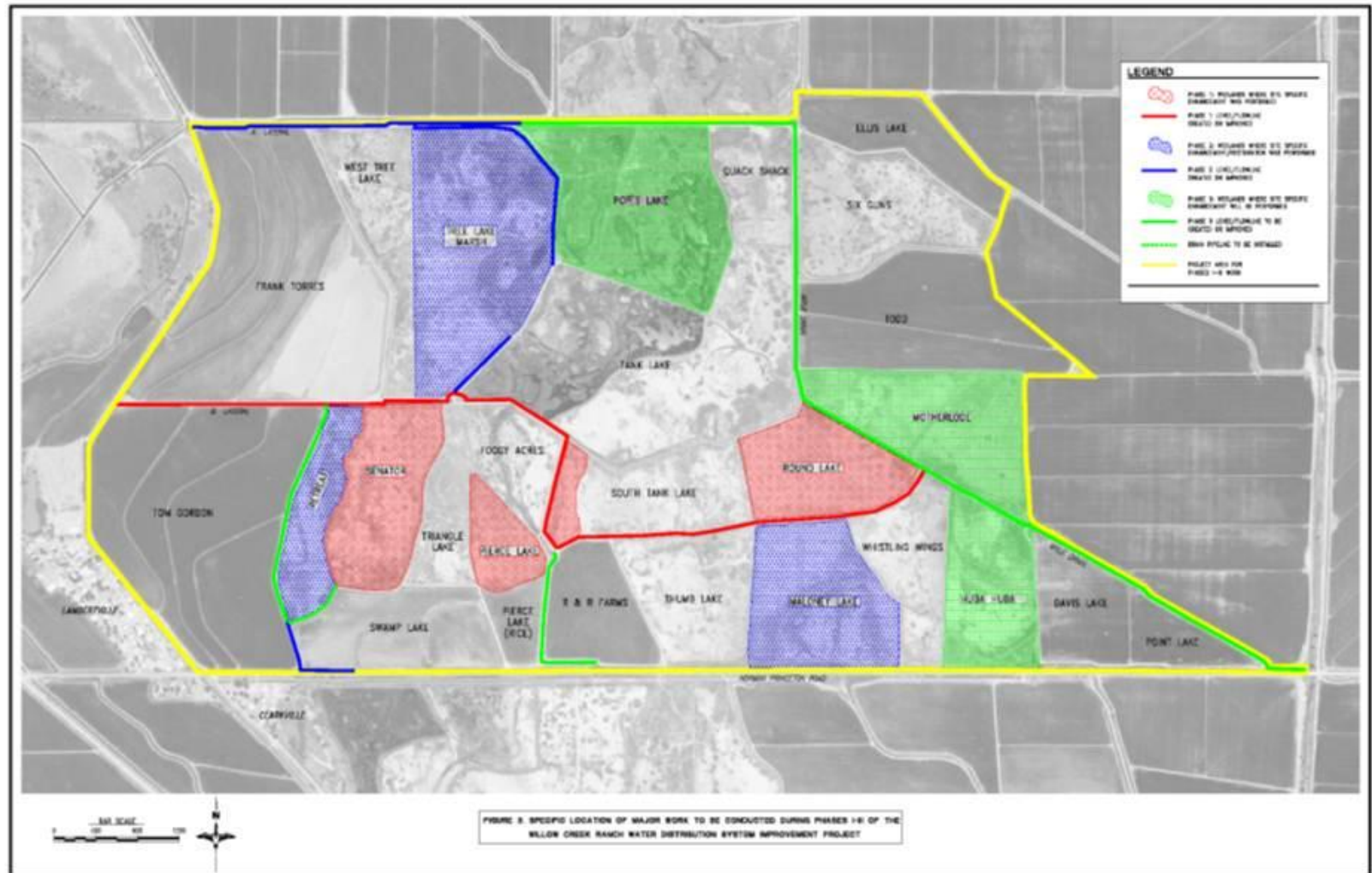


#23. Willow Creek Ranch Water Distribution Improvements

- WCR provides almost continuous habitat between Sacramento and Delevan NWR's



#23. Willow Creek Ranch Water Distribution Improvements



#23. Willow Creek Ranch Water Distribution Improvements

Contributors	Total for Phase I	Total for Phase II	Total for Phase III	GRAND TOTALS
DU (In-Kind)	\$15,284	\$0	\$19,515	\$34,799
WCMWC (Cash)	\$107,953	\$32,016	\$0	\$139,969
NAWCA (Cash)	\$366,526	\$240,002	\$0	\$606,528
Landowners (Cash)	\$6,000	\$3,000	\$16,000	\$25,000
Troubadour LS (In-Kind)	\$1,200	\$0	\$0	\$1,200
USFWS (Cash)	\$0	\$0	\$16,000	\$16,000
NRCS (Cash)	\$0	\$50,302	\$0	\$50,302
WCB (Cash)	\$0	\$0	\$657,000	\$657,000
TOTALS	\$496,963	\$325,320	\$708,515	\$1,530,798

Willow Creek Ranch funding contributors Phases I, II, and III

#23. Willow Creek Ranch Water Distribution Improvements



- The existing levees along the Wylie Drain will be upgraded to increase capacity and improve water conveyance capabilities.

#23. Willow Creek Ranch Water Distribution Improvements



- This drain canal in the southern portion of the project area will be improved so it can convey water more efficiently

#23. Willow Creek Ranch Water Distribution Improvements

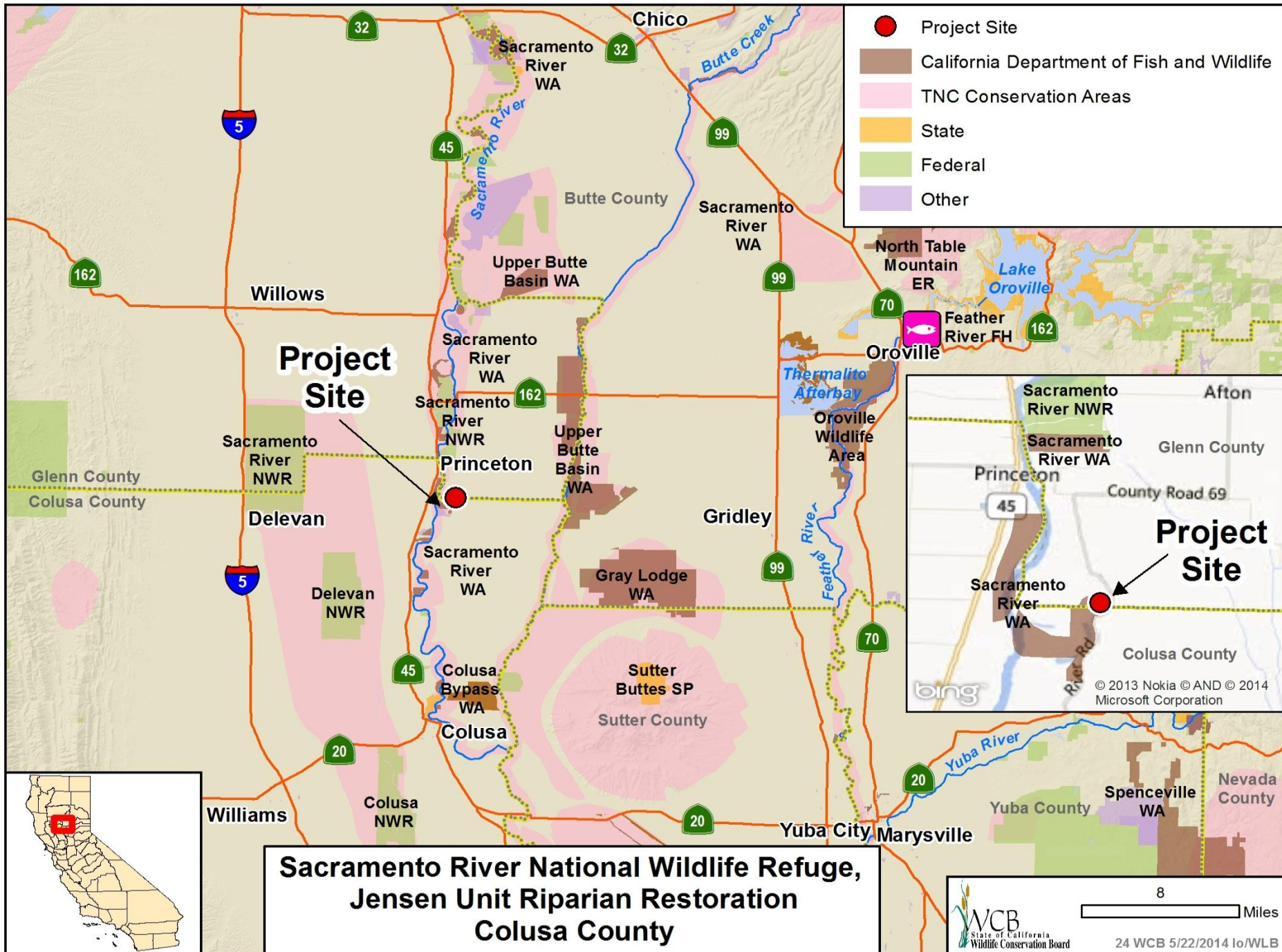


- High ground, such as this along the margins of Pop's Lake, will be recontoured to improve water distribution and allow the areas to be managed to provide high-quality wetland habitat

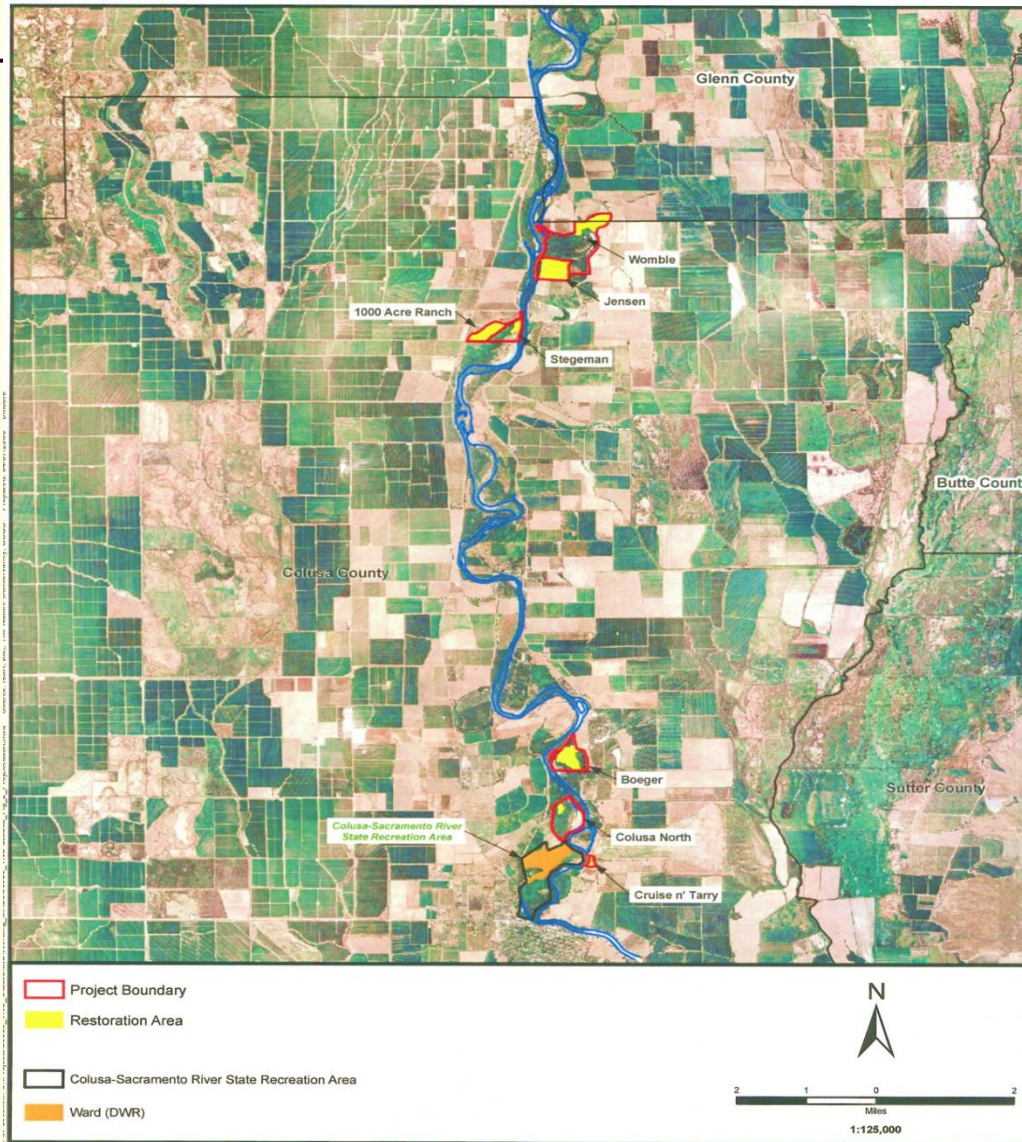
#23. Willow Creek Ranch Water Distribution Improvements



- Degraded water control structures on the Wylie Drain and eastern portion of the A Lateral and within wetland areas will be replaced with larger structures to improve water conveyance. Forty-four new water control structures will be installed.

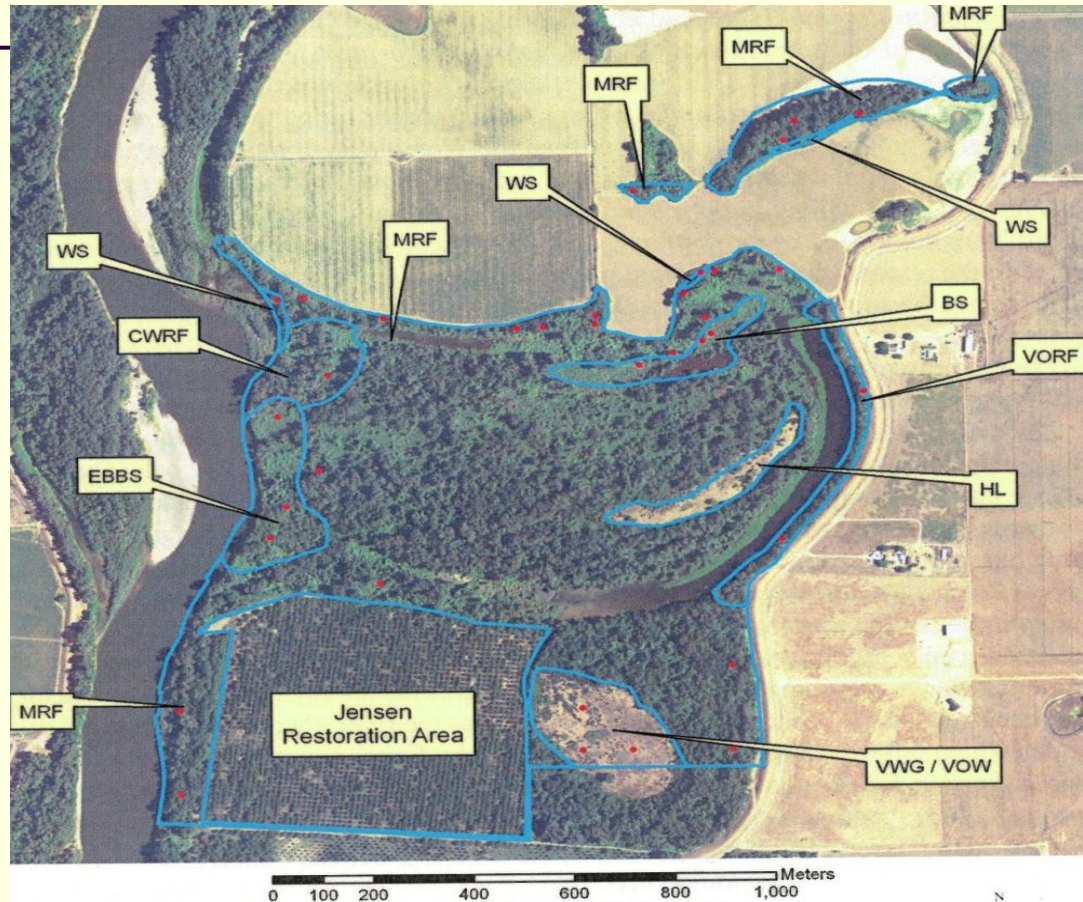


#24. Sacramento River National Wildlife Refuge, Jensen Unit Riparian Restoration



- Seven tracts identified for restoration by the CDFW

#24. Sacramento River National Wildlife Refuge, Jensen Unit Riparian Restoration



Local Riparian Habitats

- Sample Point
- Remnant Vegetation Communities
 - MRF = Mixed riparian forest
 - HL = Herbland
 - WS = Willow scrub
 - EBBS = Elderberry blackberry scrub
 - BS = Buttonbush scrub
 - BBS = Blackberry scrub
 - VORF = Valley oak riparian forest
 - VWG / VOW = Valley wildrye grassland / valley oak woodland

Department of Biological Science
CSU, Chico, 2005.
Sources: Department of Water Resour
2005 orthorectified aerial photo.

#24. Sacramento River National Wildlife Refuge, Jensen Unit Riparian Restoration



- The property is currently in walnuts

#24. Sacramento River National Wildlife Refuge, Jensen Unit Riparian Restoration



- Standard restoration practices will be used

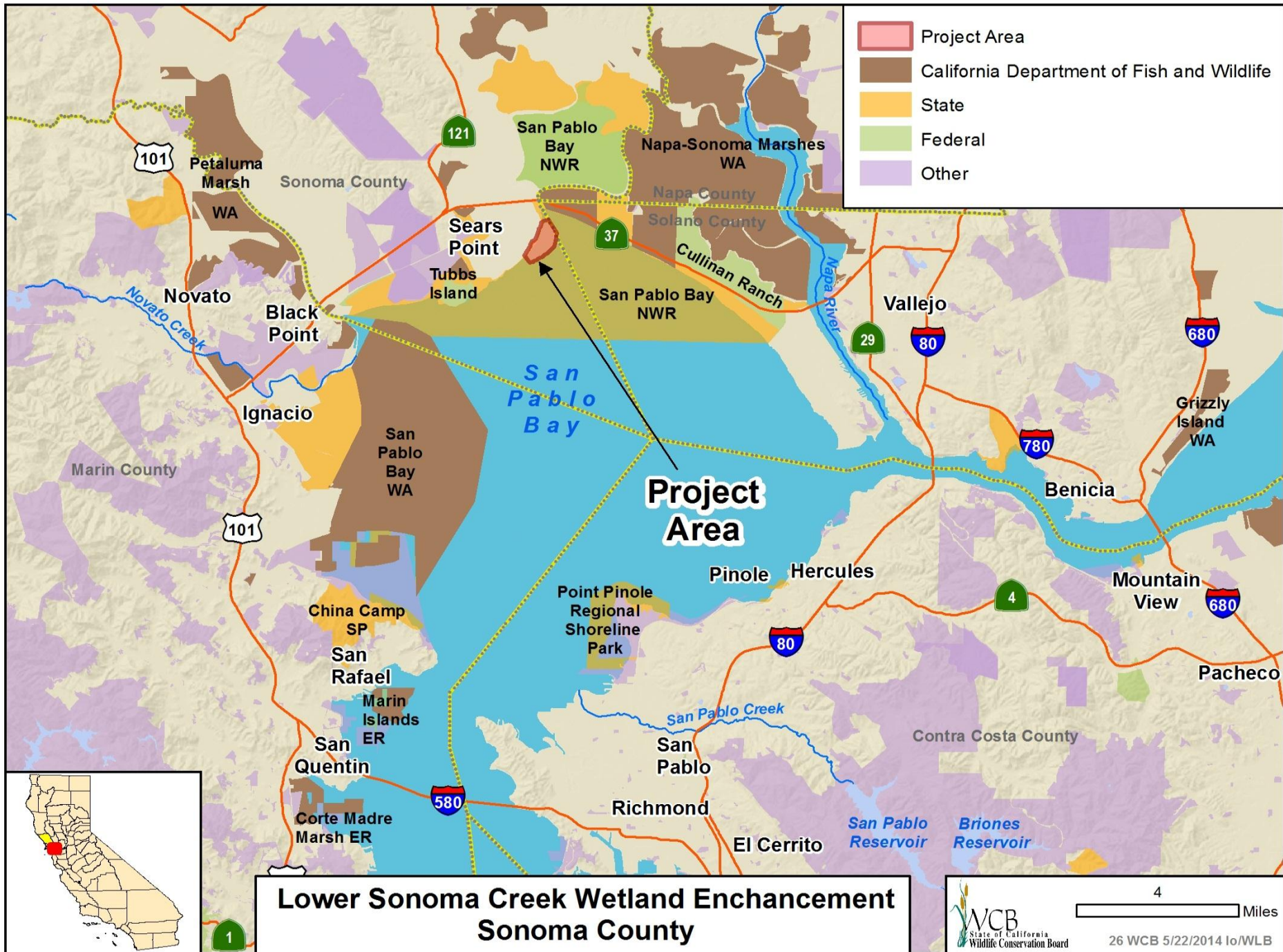
#24. Sacramento River National Wildlife Refuge, Jensen Unit Riparian Restoration



- Deer populations are responding to Sacramento River restoration efforts.

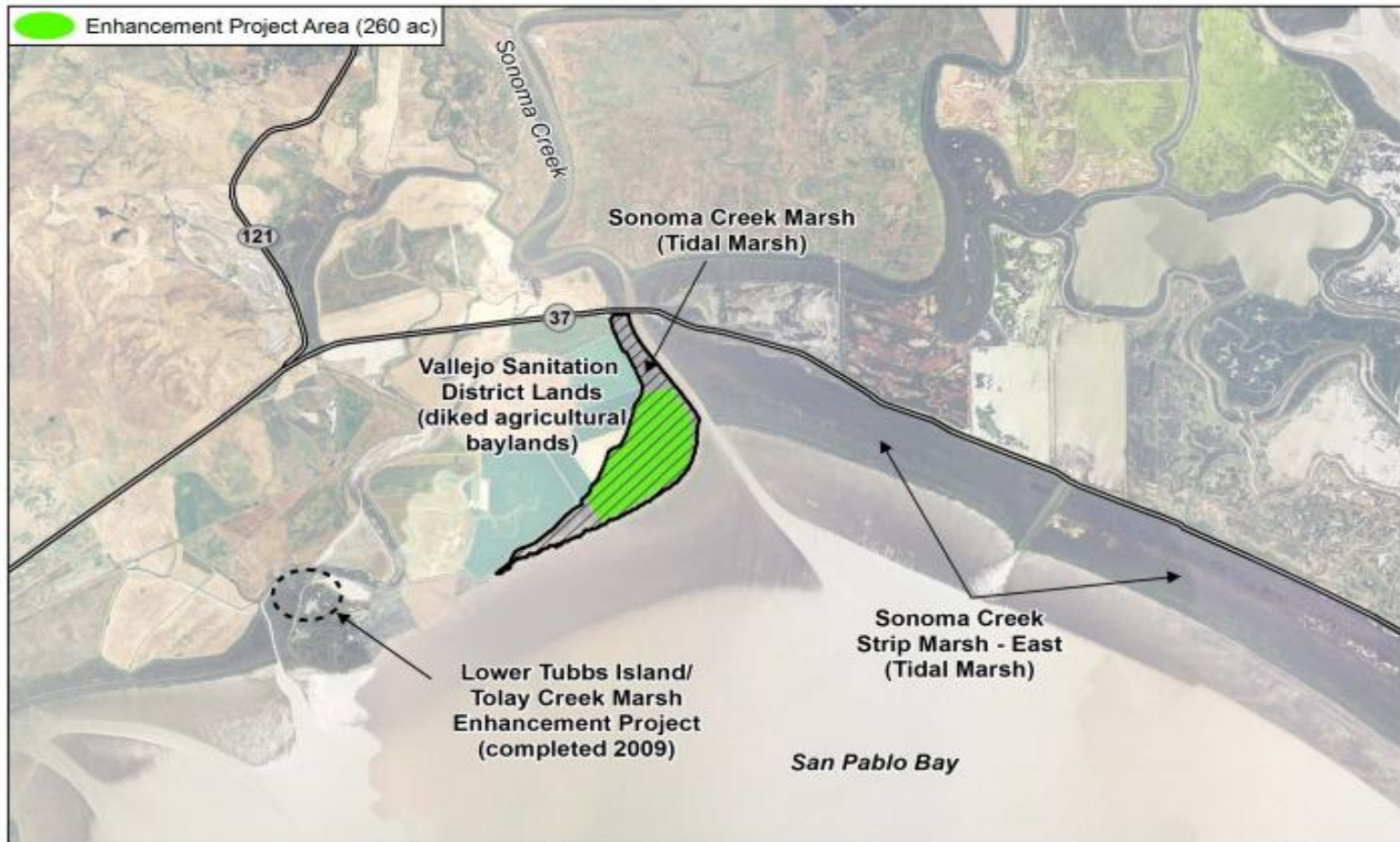
#25. Sagehen Basin Forest Restoration

- This item was withdrawn from consideration at this time



Lower Sonoma Creek Wetland Enhancement Sonoma County

#26. Lower Sonoma Creek Wetland Enhancement



- Site overview: 260-acre enhancement area

#26. Lower Sonoma Creek Wetland Enhancement



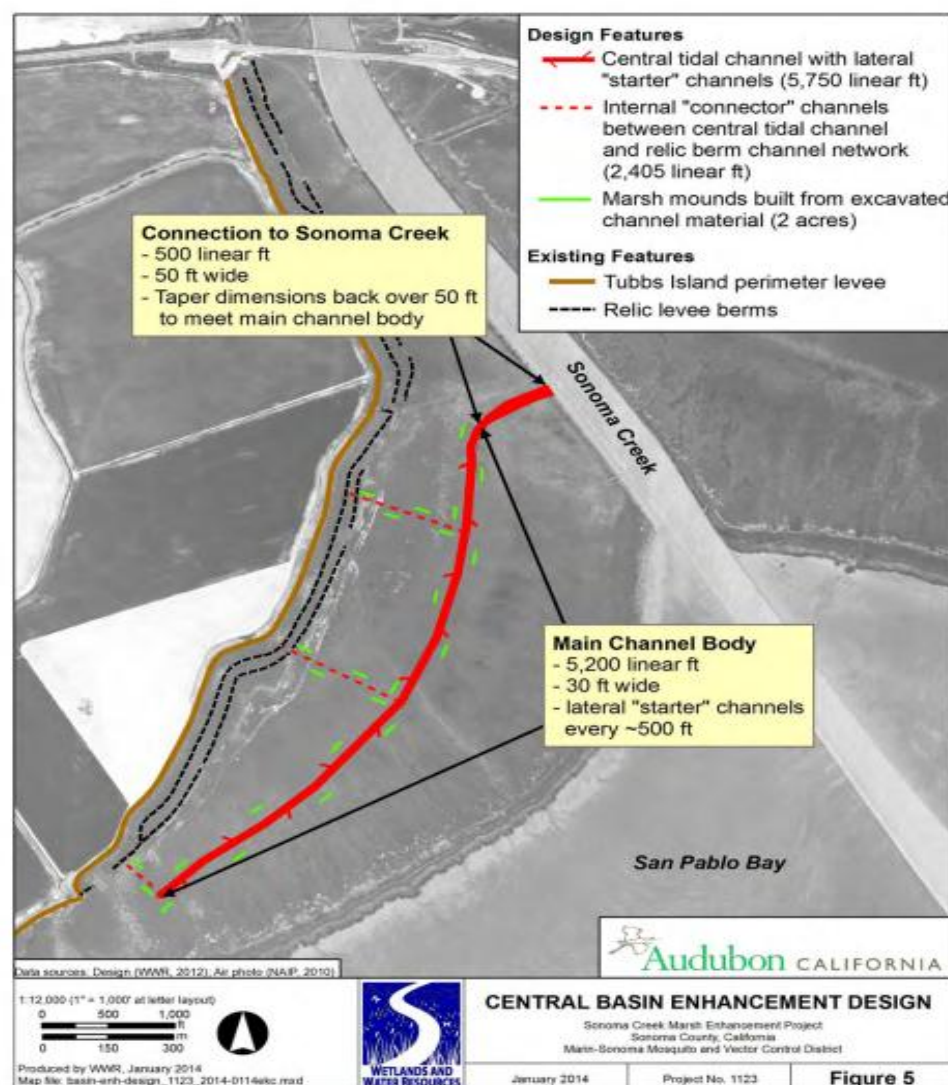
- Stagnant water, algae and dying marsh vegetation

#26. Lower Sonoma Creek Wetland Enhancement



- Central basin with widespread vegetation die-off

#26. Lower Sonoma Creek Wetland Enhancement



- Site design -
- Create central tidal channels with lateral starter & connector channels

#26. Lower Sonoma Creek Wetland Enhancement



- Improved marsh vegetation – Strip Marsh West site, San Pablo Bay NWR

#26. Lower Sonoma Creek Wetland Enhancement



California Clapper Rail



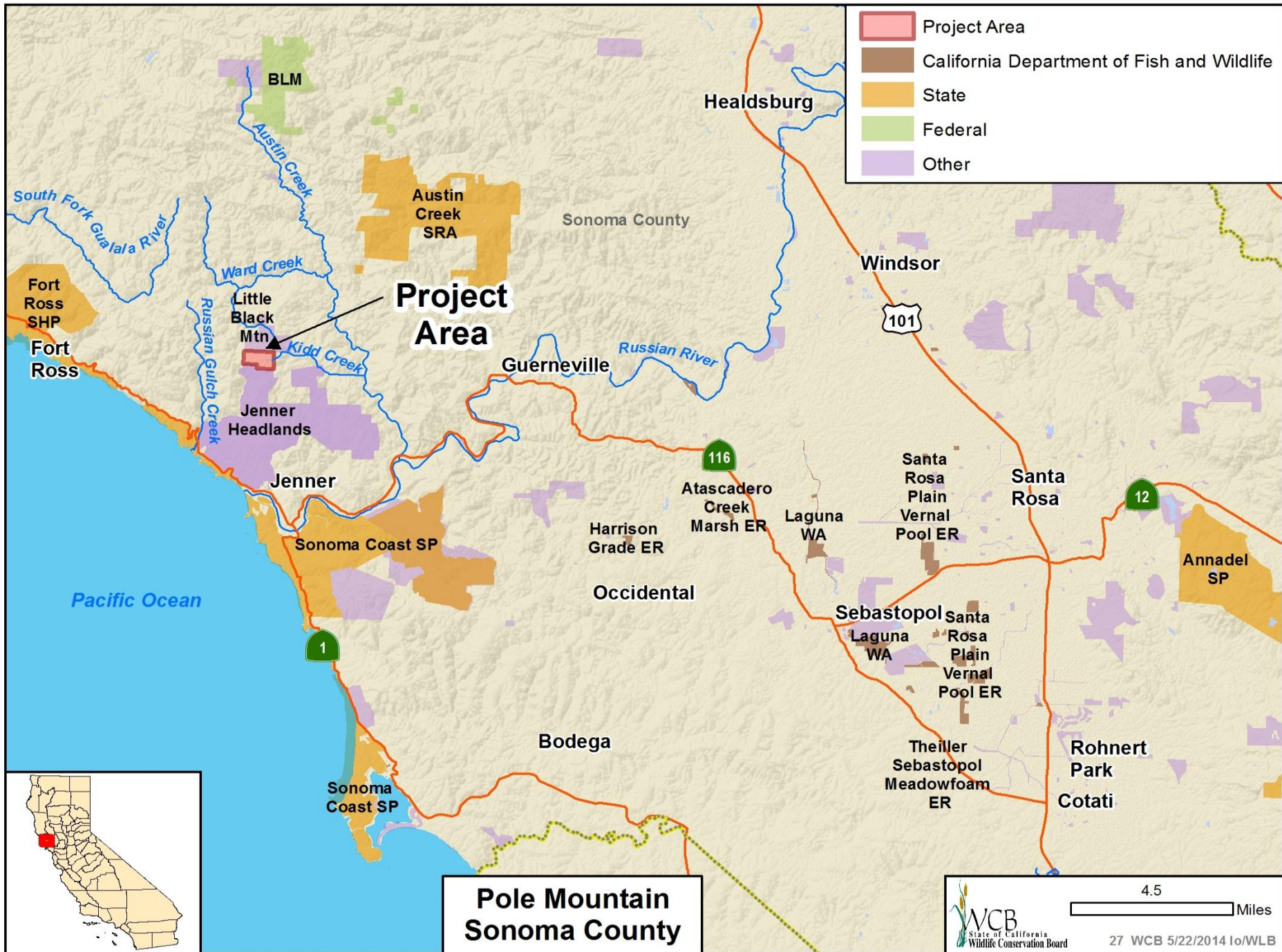
Salt Marsh Harvest Mouse

#26. Lower Sonoma Creek Wetland Enhancement

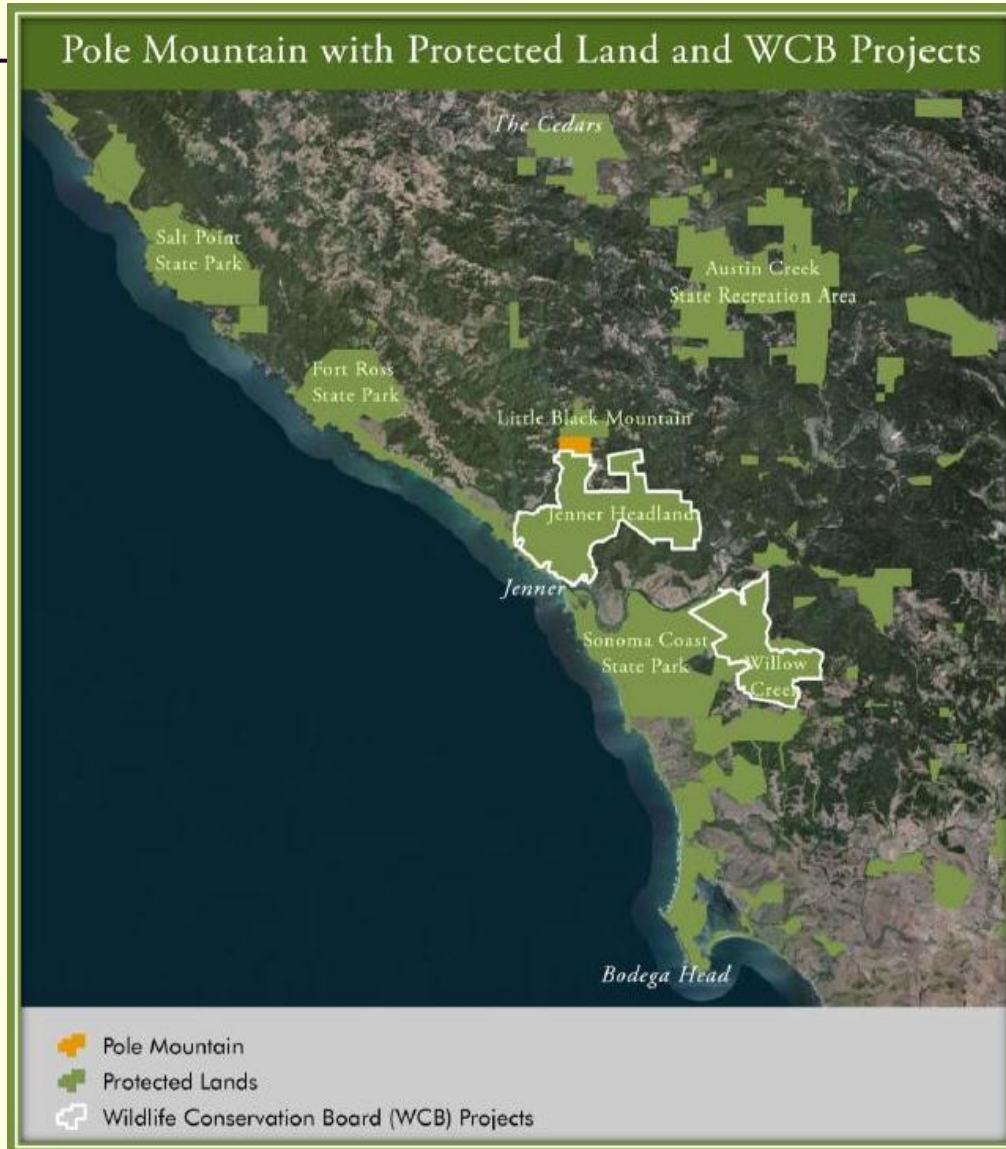


Photo: Joshua Hull/USFWS

■ Tidal Marsh



#27. Pole Mountain



- Pole Mountain Project and surrounding projected properties

#27. Pole Mountain



Photo courtesy of Sonoma Land Trust

- Aerial view of coast and Russian River with Pole Mountain in lower left corner

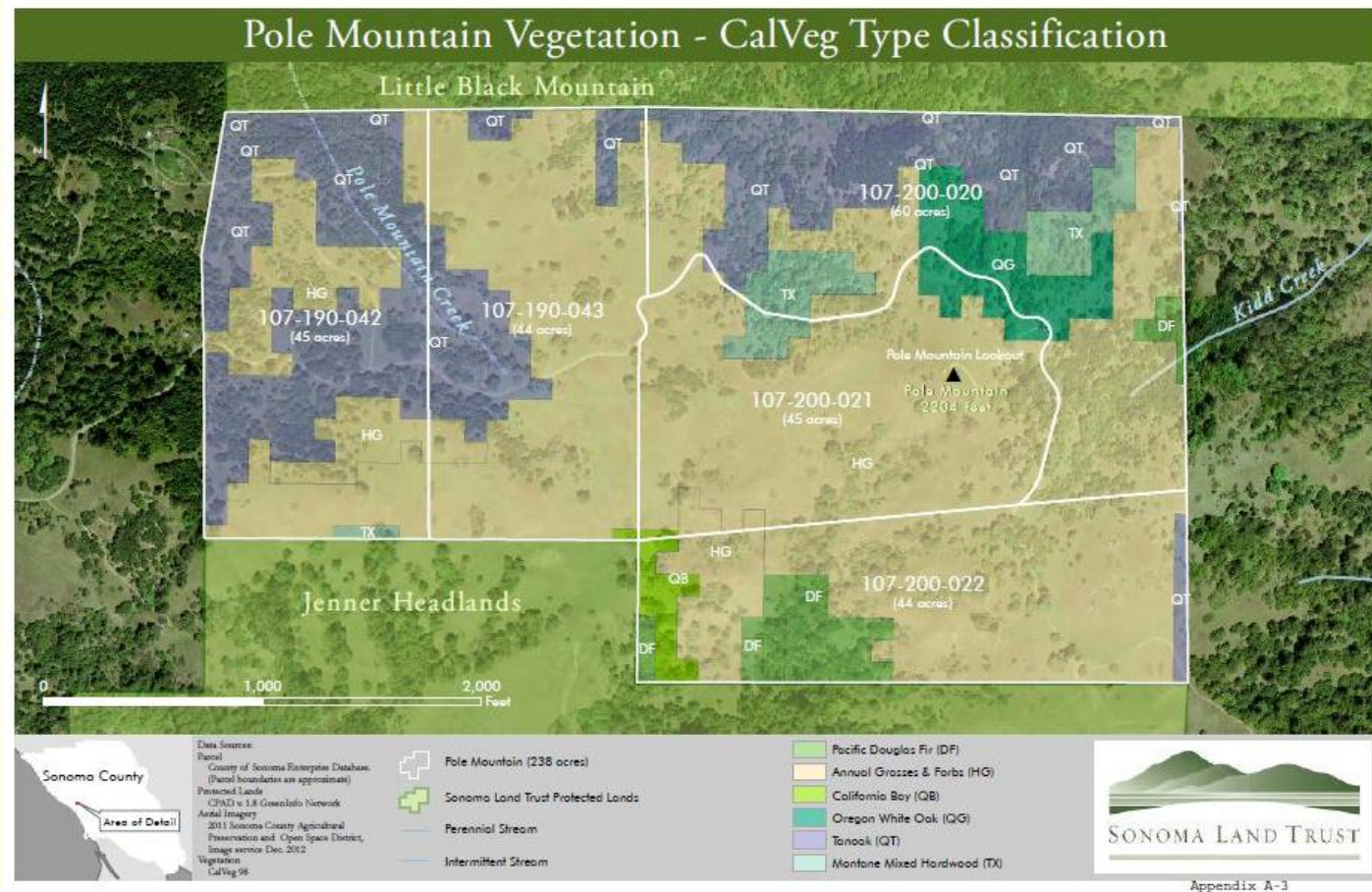
#27. Pole Mountain



- Historic Pole Mountain Lookout

Photo courtesy of Sonoma Land Trust

#27. Pole Mountain



- Pole Mountain Property – Kidd Creek and Pole Mountain Creek as well as protected vegetation located on the property

#27. Pole Mountain



Photo courtesy of Sonoma Land Trust

- Ancient Oak Savanna

#27. Pole Mountain



Photo courtesy of Sonoma Land Trust

- Intact riparian habitat on Pole Mountain Creek

#27. Pole Mountain



- Trail camera image of a Mountain Lion shot on Neighboring Jenner Headlands

#27. Pole Mountain



Photo courtesy of Sonoma Land Trust

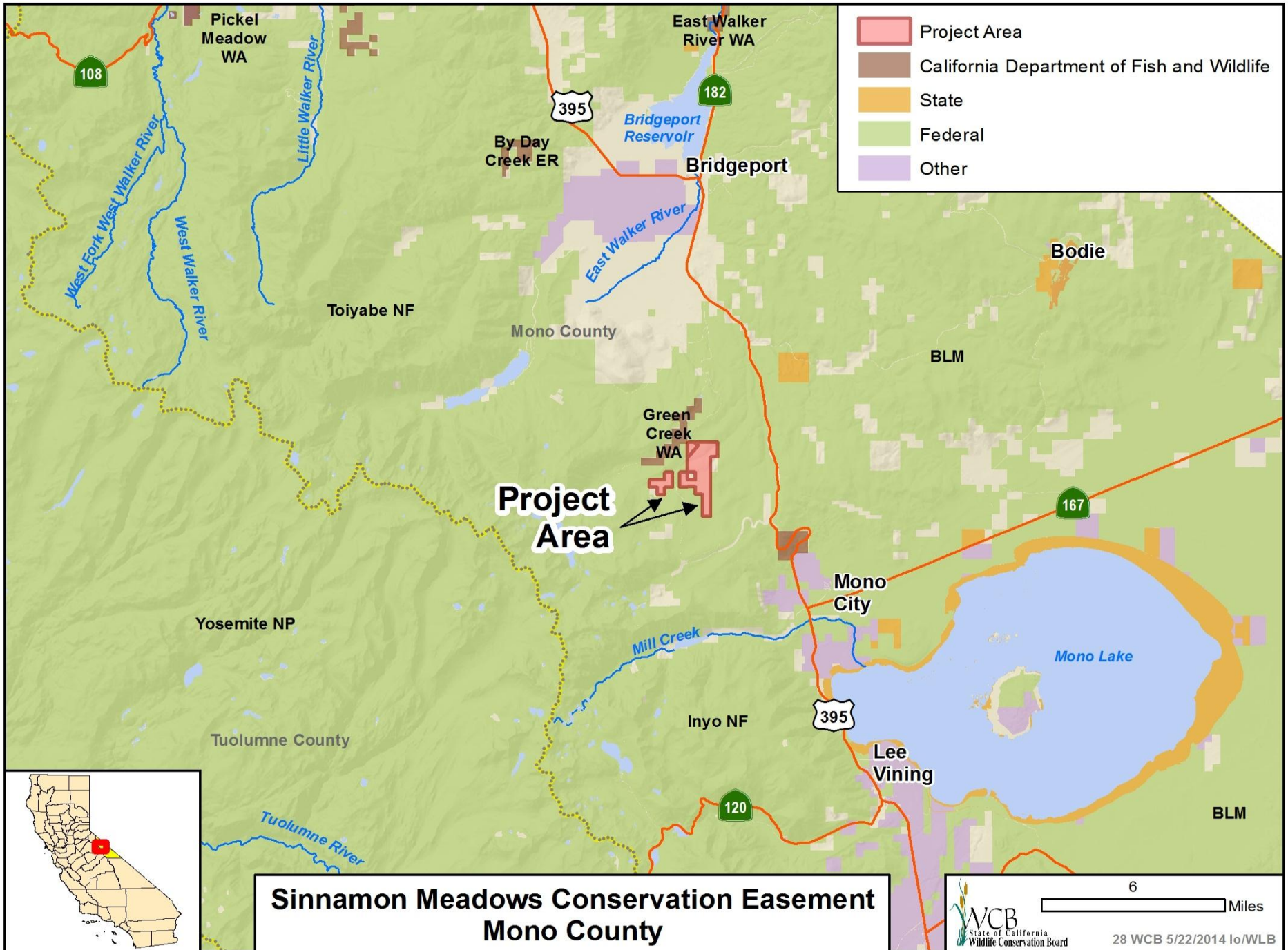
- On Pole Mountain looking west toward Russian Gulch and the Pacific Ocean

#27. Pole Mountain



Photo courtesy of Sonoma Land Trust

- Looking north from Pole Mountain



#28. Sinnamon Meadows Conservation Easement



- Livestock on Lower Sinnamon Meadow

#28. Sinnamon Meadows Conservation Easement



Photo courtesy of Aaron Johnson

- Sunset over Sinnamon Meadow, Bodie Hills behind

#28. Sinnamon Meadows Conservation Easement



- Natural spring on Sinnamon Meadow

#28. Sinnamon Meadows Conservation Easement



- Sinnamon Meadow with Kavanaugh Ridge and Dunderberg Peak behind

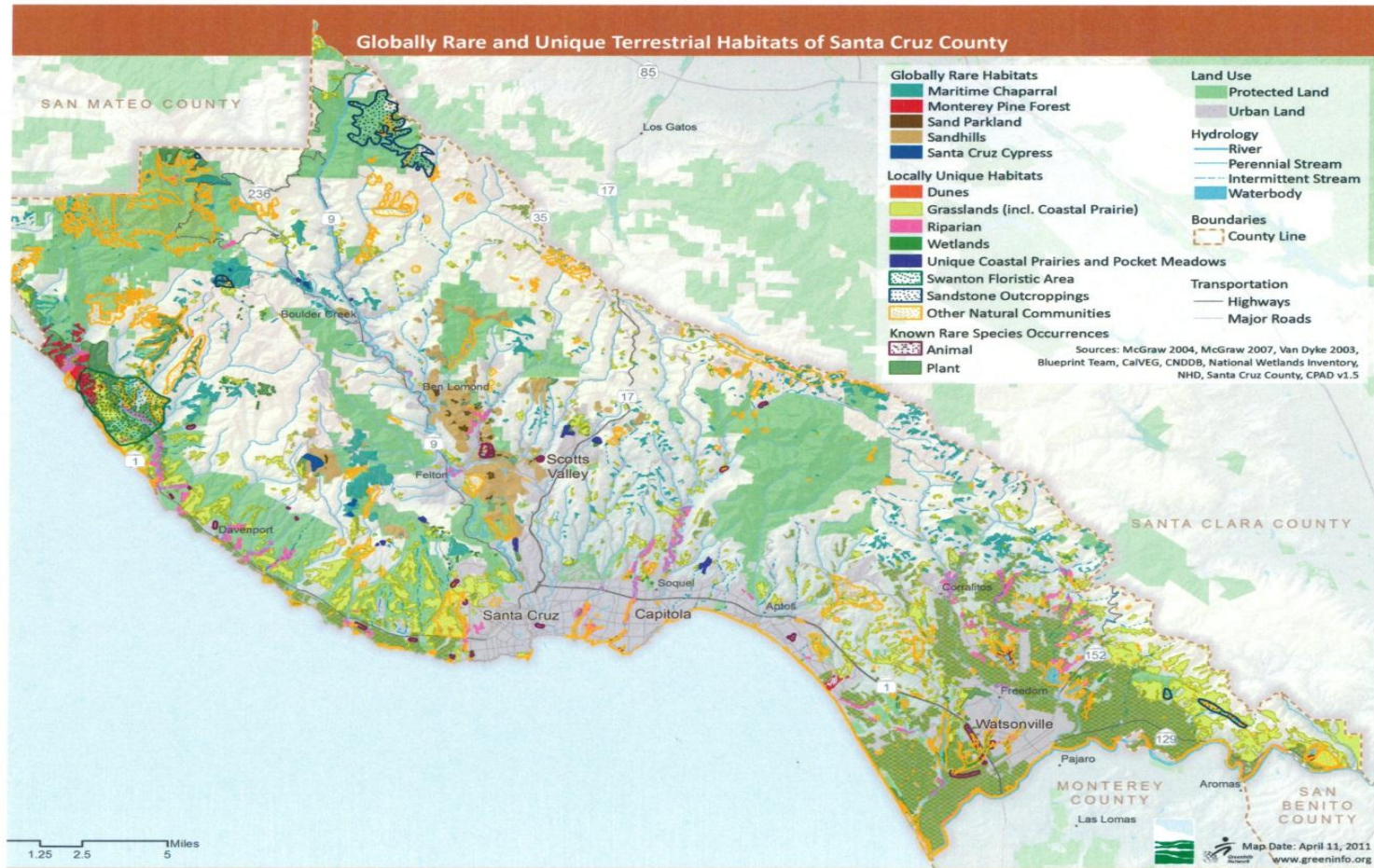
#28. Sinnamon Meadows Conservation Easement



Photo courtesy of Aaron Johnson

- Irrigated pasture at Sinnamon Meadows

#29. Santa Cruz Integrated Watershed Restoration



■ Rare Habitats in Santa Cruz County

#29. Santa Cruz Integrated Watershed Restoration



Photo courtesy of Santa Cruz RCD

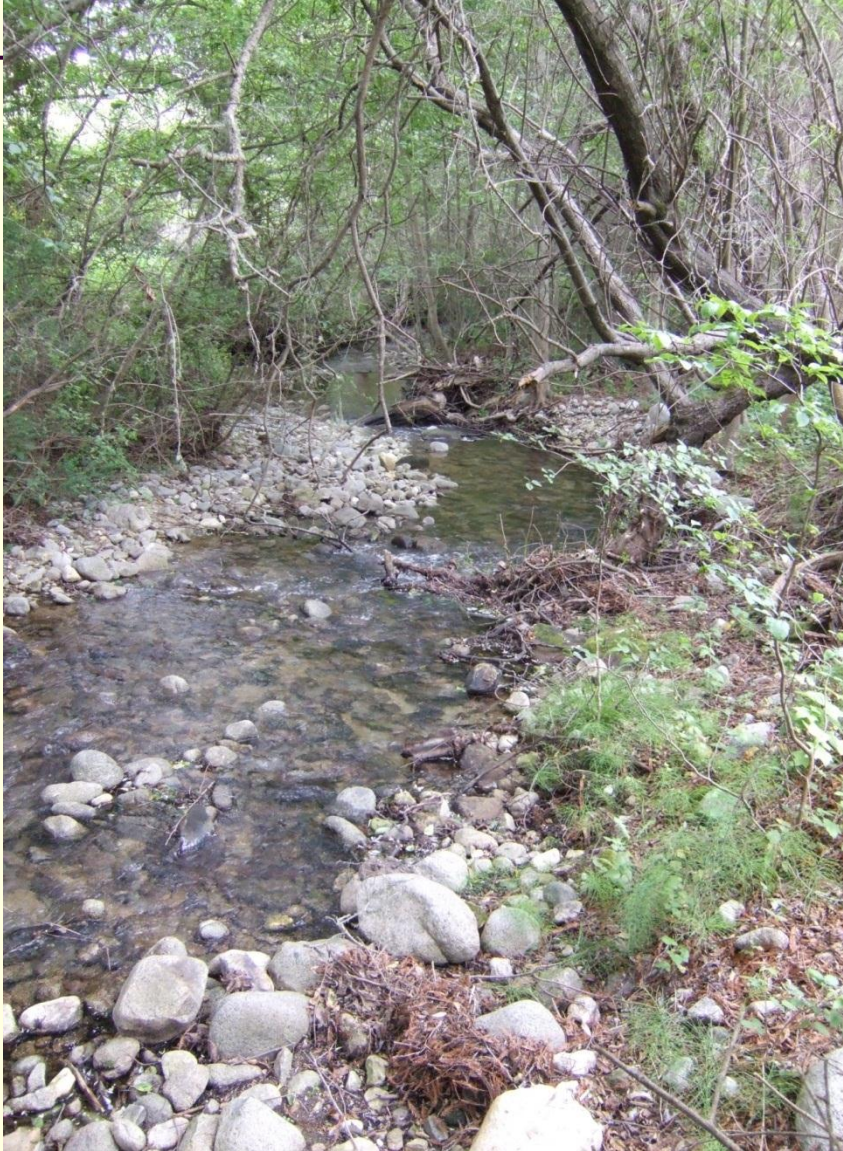
- San Vincente Creek cape ivy infestation

#29. Santa Cruz Integrated Watershed Restoration



- Removed Cape Ivy desiccating

#29. Santa Cruz Integrated Watershed Restoration



- San Vicente Creek where cape ivy has been treated and removed

#29. Santa Cruz Integrated Watershed Restoration



Photo courtesy of Santa Cruz RCD

■ Buena Vista Wetland

#29. Santa Cruz Integrated Watershed Restoration



- Closer view of Buena Vista Pond

#29. Santa Cruz Integrated Watershed Restoration



■ Ellicott Slough

#29. Santa Cruz Integrated Watershed Restoration



- Improved pond at Ellicott Slough property

#29. Santa Cruz Integrated Watershed Restoration



- Larkin Valley Pond overgrown and chokes with tules

#29. Santa Cruz Integrated Watershed Restoration



- Grazing impacts at Larkin Pond

#29. Santa Cruz Integrated Watershed Restoration



- New pond site at Milsap property

#29. Santa Cruz Integrated Watershed Restoration



- Spring located just upstream of proposed Milsap pond site

#29. Santa Cruz Integrated Watershed Restoration



■ Milsap Wetland

#29. Santa Cruz Integrated Watershed Restoration



■ Scott's Creek

#29. Santa Cruz Integrated Watershed Restoration



- Culverts will be replaced with engineered sloughs to facilitate fish passage

#29. Santa Cruz Integrated Watershed Restoration



- Dense riparian vegetation at Scott's Creek

#29. Santa Cruz Integrated Watershed Restoration



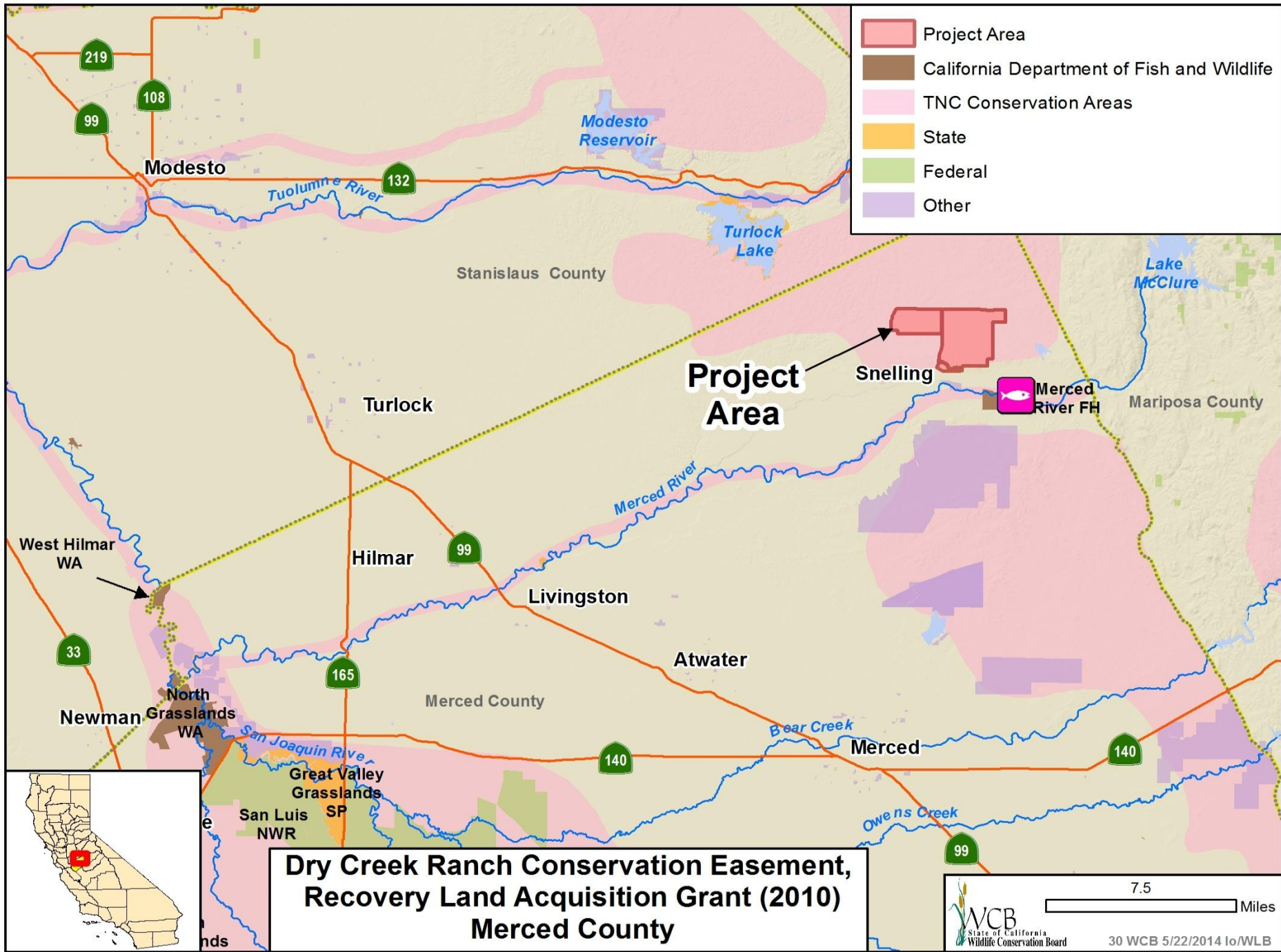
- Santa Cruz Long-toed Salamander nymph

#29. Santa Cruz Integrated Watershed Restoration



Photo courtesy of FWS

- Santa Cruz Long-toed Salamander



#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)



- Entrance to the ranch headquarters

#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)



- View looking west with residence in background

#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)



- Looking east across La Grange Road

#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)



- One of the many vernal pools located on the property

#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)

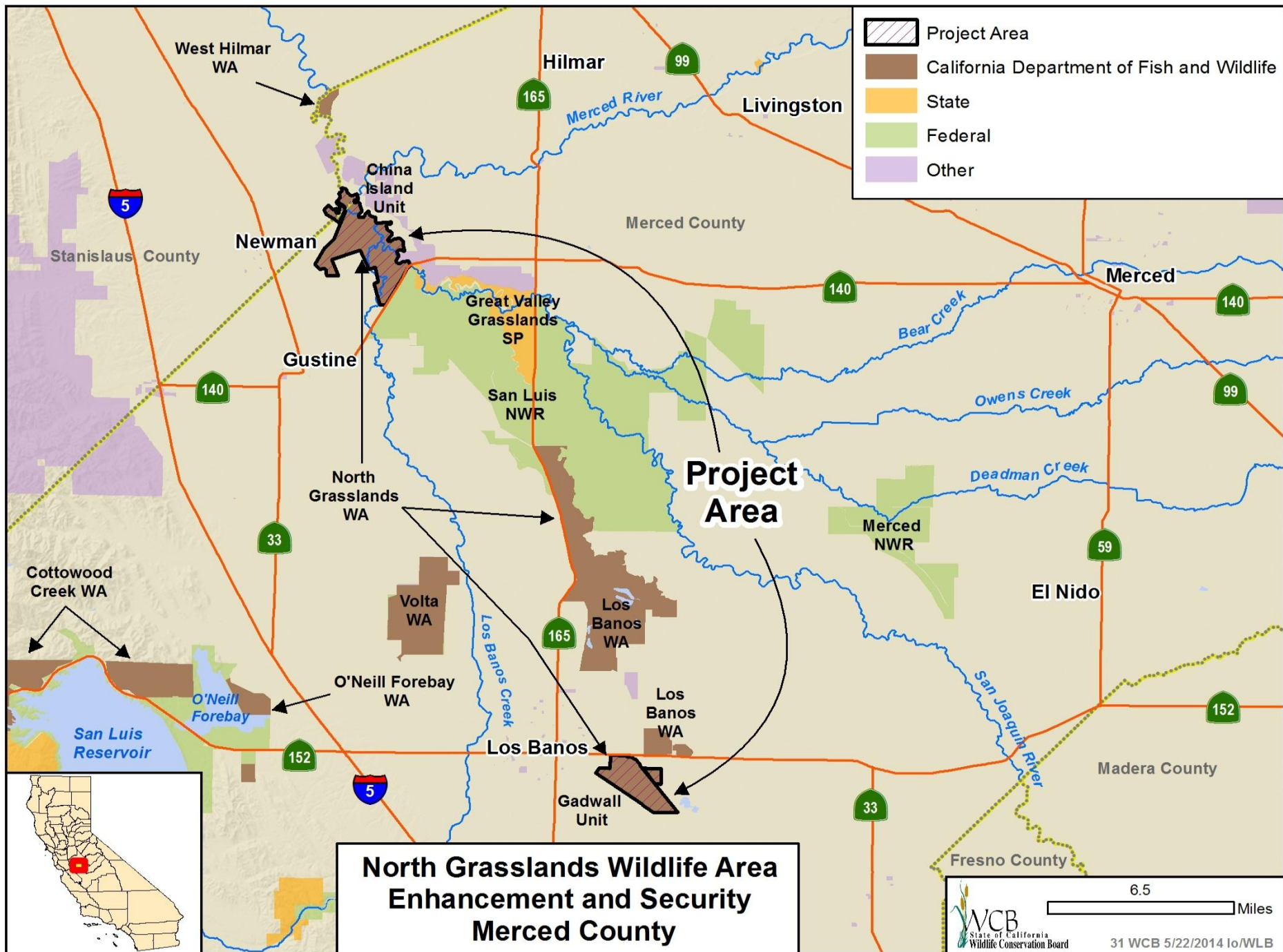


- Northern boundary of the ranch (Fields Road)

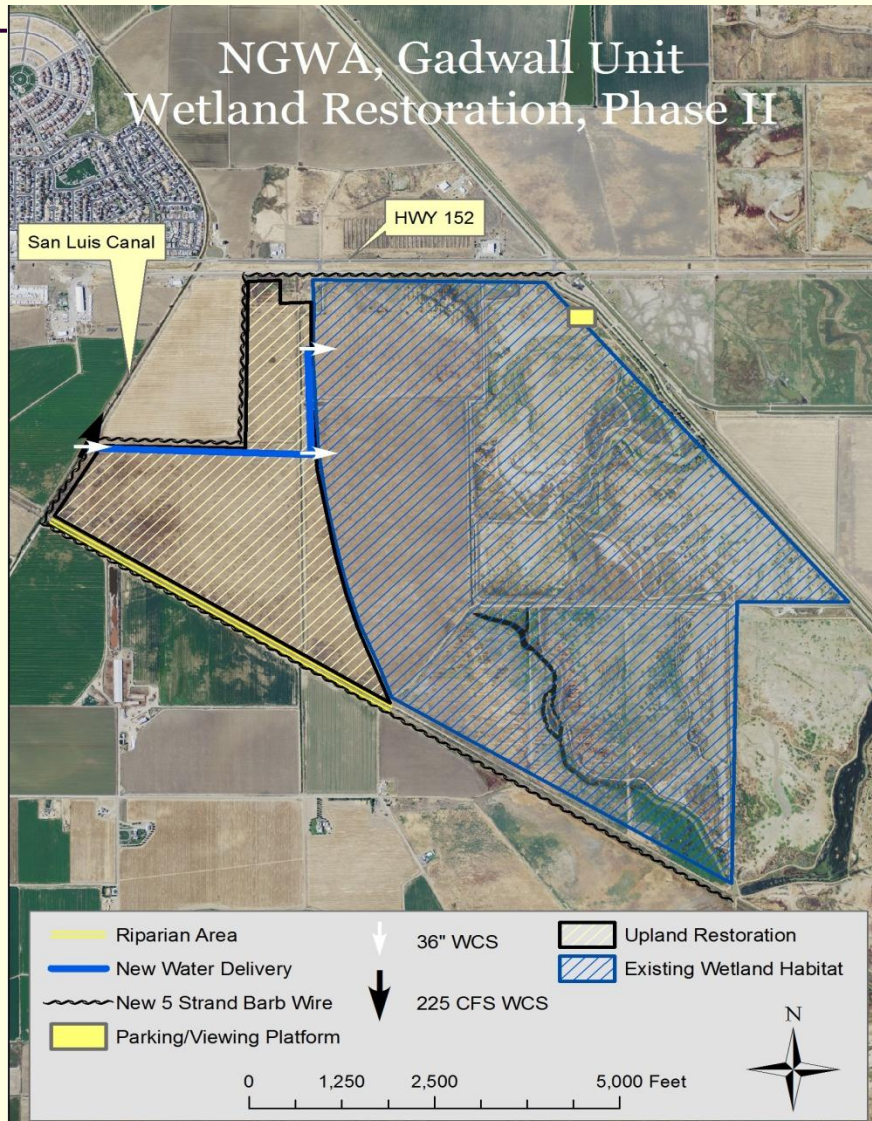
#30. Dry Creek Ranch Conservation Easement, Recovery Land Acquisition Grant (2010)



- Oak tree outcropping on the eastern edge of the ranch



#31. North Grasslands Wildlife Area Enhancement and Security



#31. North Grasslands Wildlife Area Enhancement and Security

Project Task	WCB Funding Request
Earthwork	\$201,000
Water Control Structures	\$96,500
Pump Security	\$130,000
*** Plant Materials & Labor	\$45,800
Public Use	\$70,000
Fencing	\$142,500
Debris Removal	\$10,000
CWA Project Management	\$104,200
TOTAL	\$800,000

*** Plant purchase and planting/irrigations will not occur until drought conditions improve

#31. North Grasslands Wildlife Area Enhancement and Security



- Boundary fence at Gadwall Unit in need of replacement

#31. North Grasslands Wildlife Area Enhancement and Security



- Uplands at Gadwall are dominated by tumbleweeds. Uplands will be de-leveled and seeded

#31. North Grasslands Wildlife Area Enhancement and Security



- Water control structure at Gadwall scheduled for replacement with 2 prefabricated cement structures

#31. North Grasslands Wildlife Area Enhancement and Security



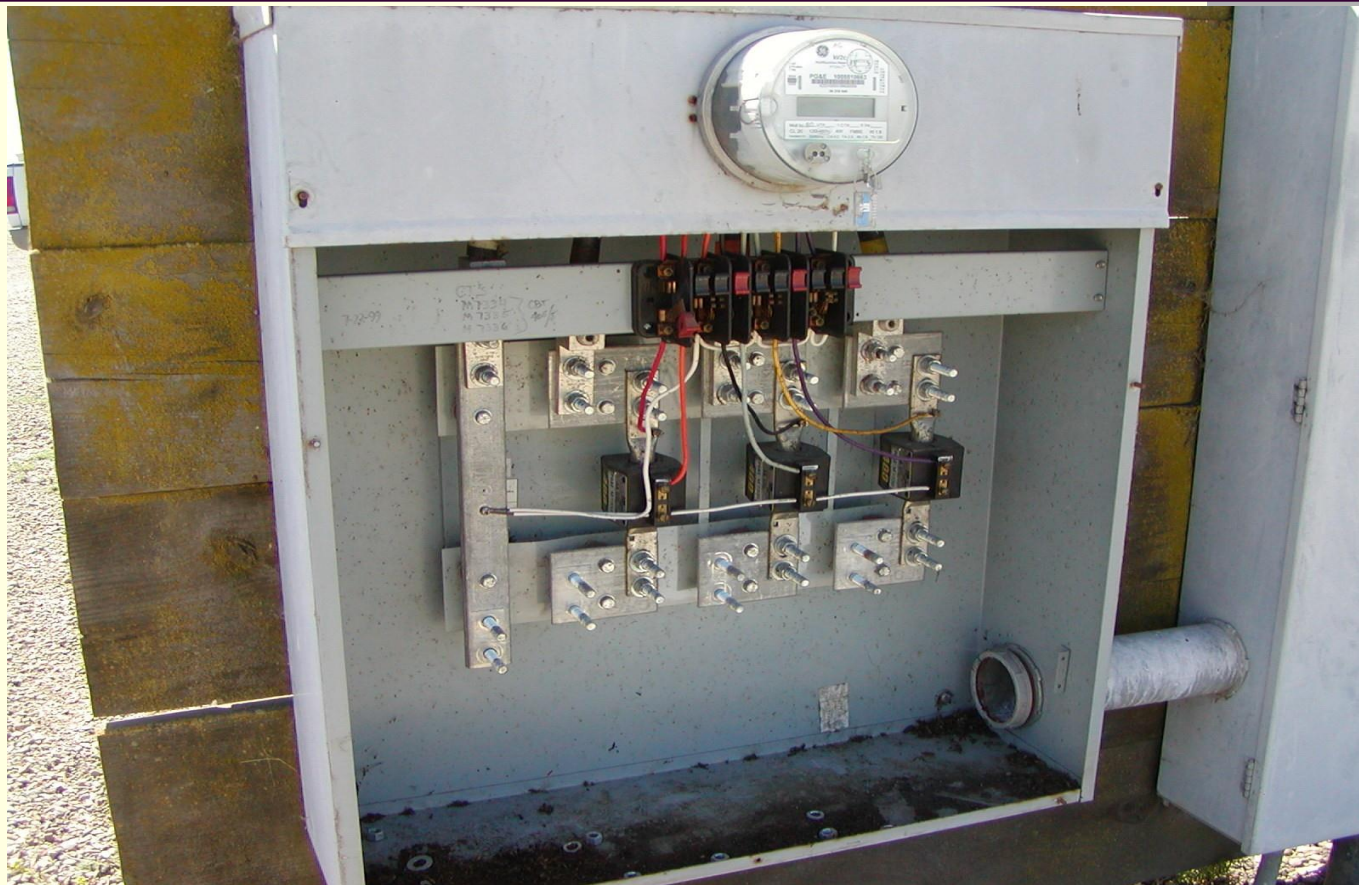
- Deep well at Gadwall scheduled for enhanced security (i.e. fencing)

#31. North Grasslands Wildlife Area Enhancement and Security



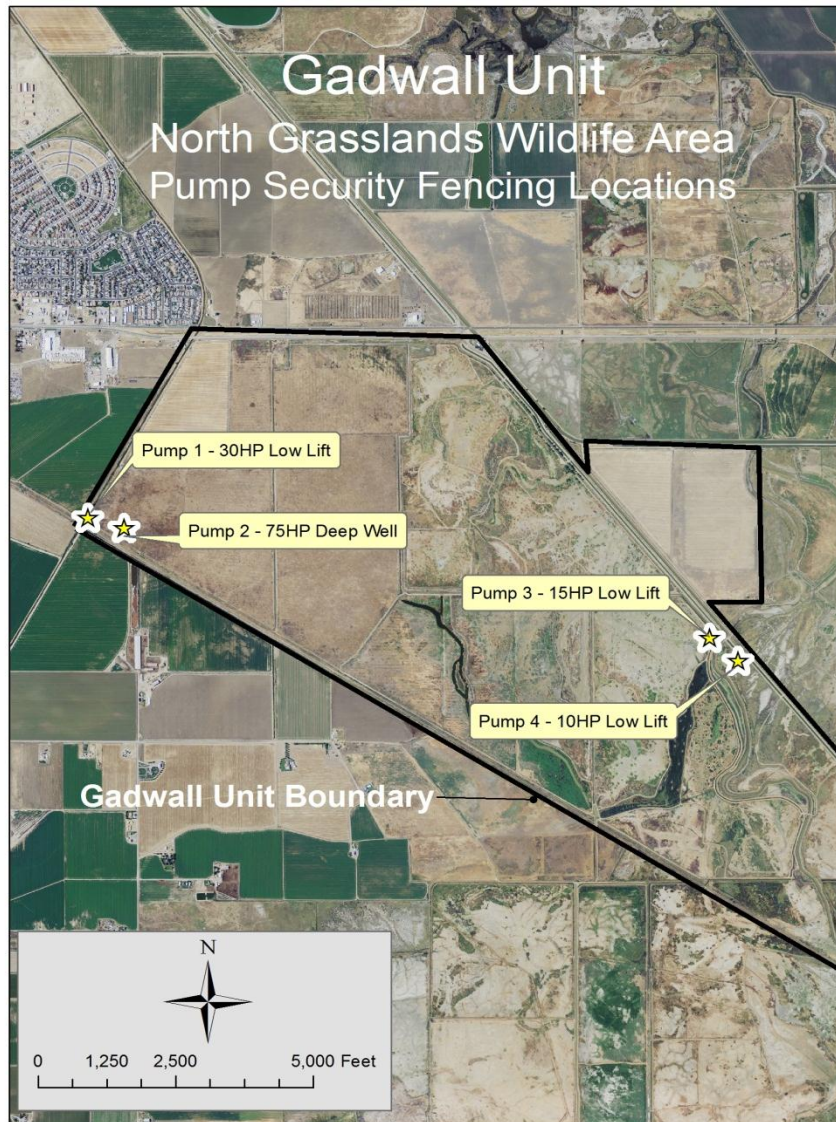
- Low lift pump at Gadwall scheduled for enhanced security (i.e. fencing)

#31. North Grasslands Wildlife Area Enhancement and Security



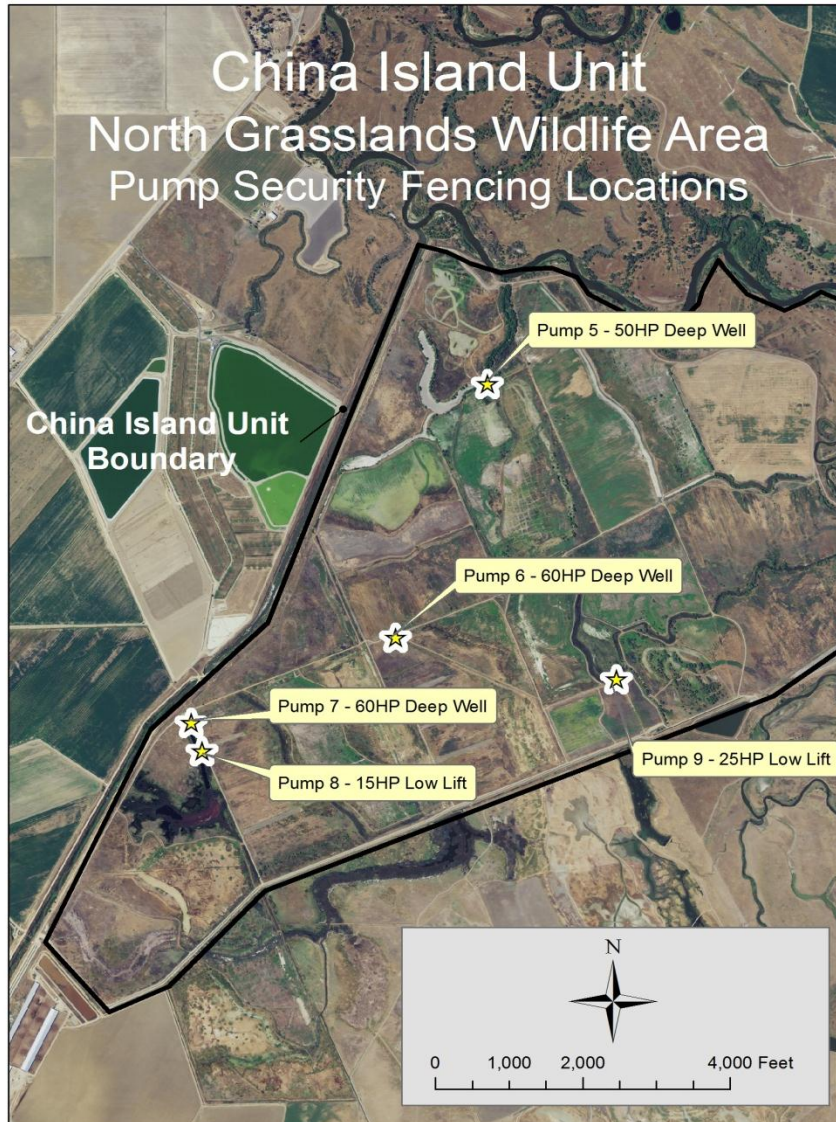
- Meter box at China Island without added security

#31. North Grasslands Wildlife Area Enhancement and Security



- Gadwall Unit's vulnerable water infrastructure elements to be secured

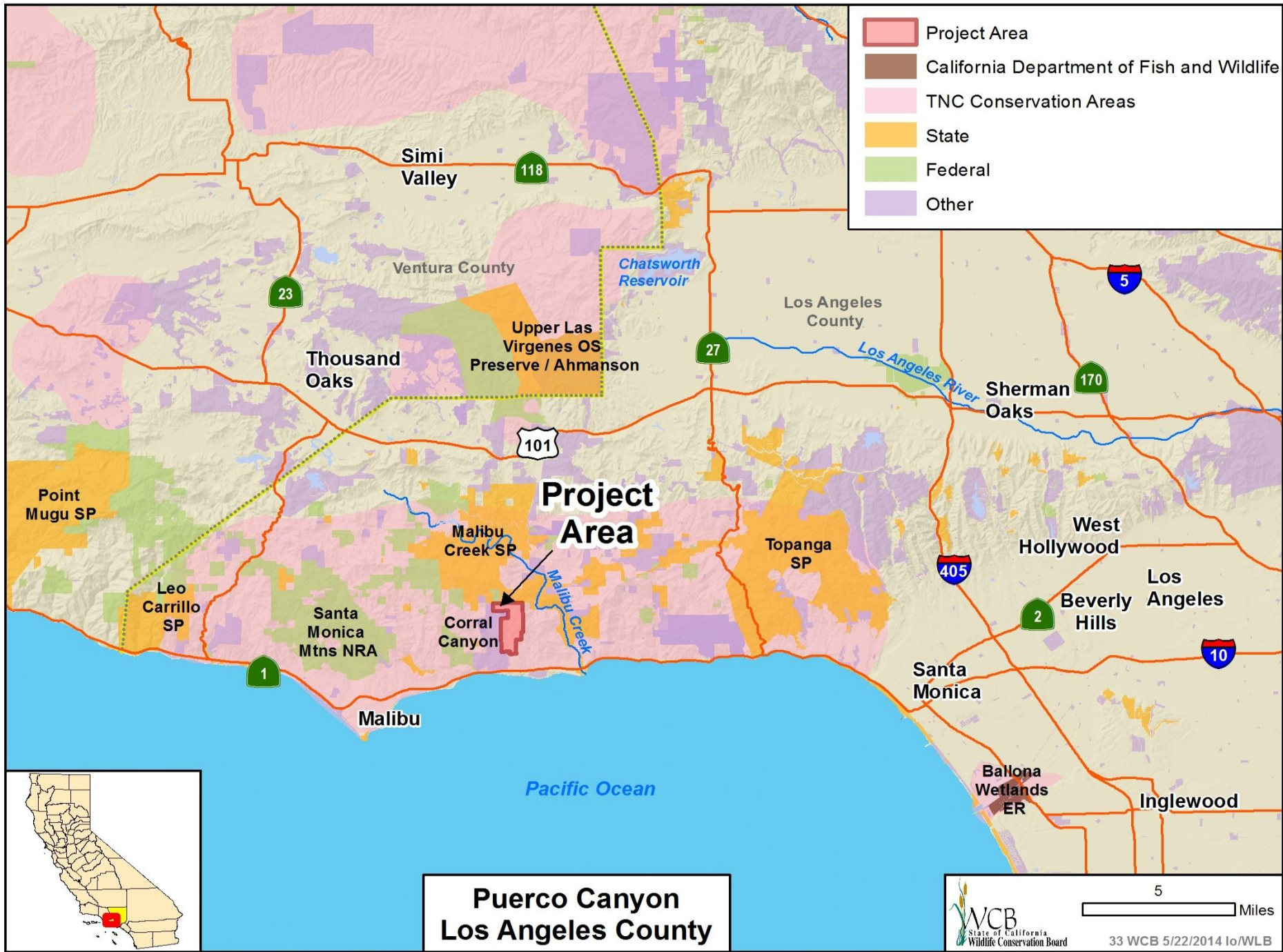
#31. North Grasslands Wildlife Area Enhancement and Security



- China Island Unit's vulnerable water infrastructure elements to be secured

#32. Metcalf Meadow, Recovery Land Acquisition Grant (2013)

- This item was withdrawn from consideration at this time



#33. Puerco Canyon



- Looking north across the property

#33. Puerco Canyon



- Southwest ocean view

#33. Puerco Canyon



- Northern view of riparian and woodland habitat in Puerco Canyon

#33. Puerco Canyon



- Western view of the property, chaparral and coastal sage scrub habitat

#33. Puerco Canyon

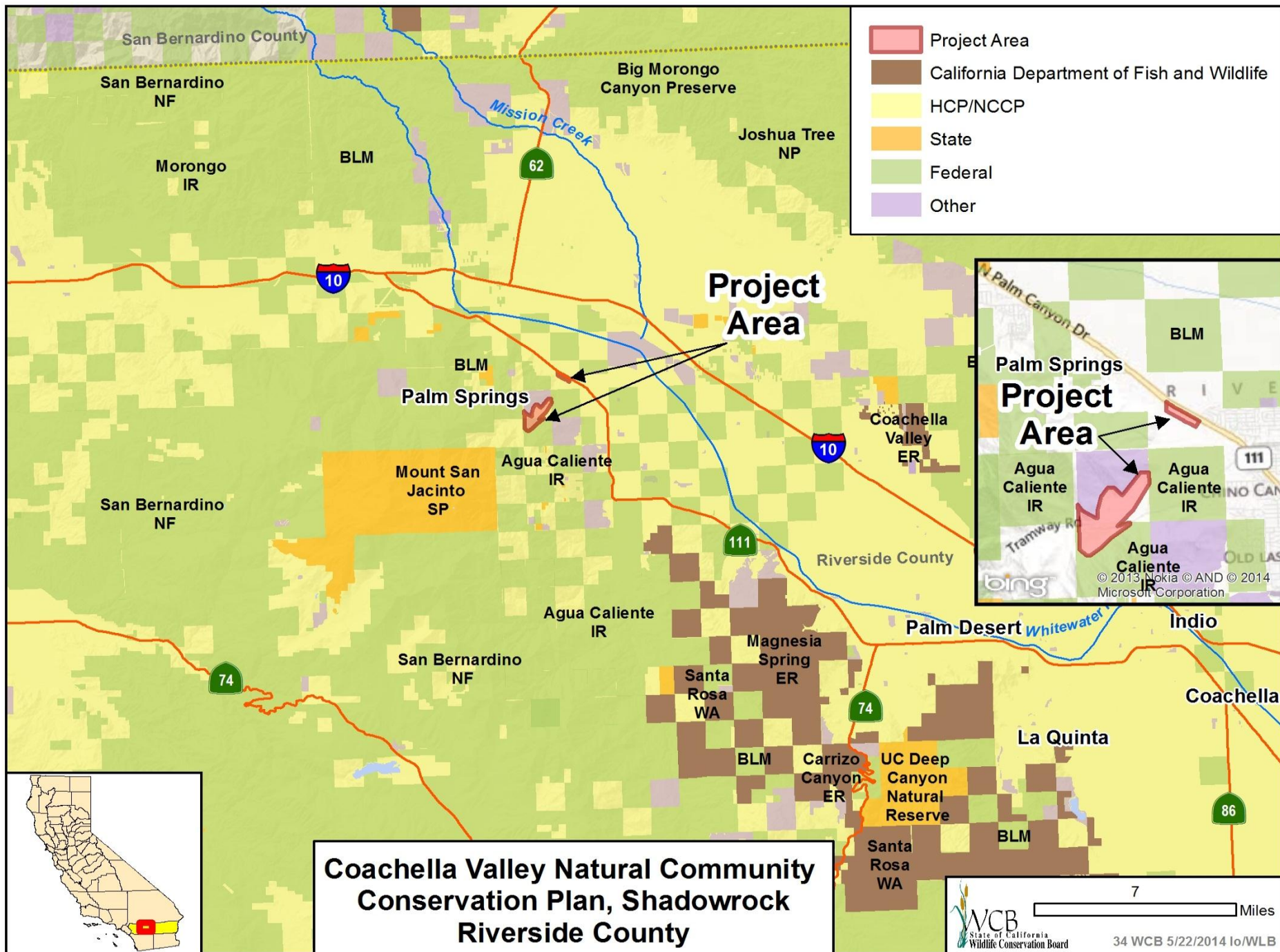


- Southern willow scrub habitat along the canyon floor

#33. Puerco Canyon



- Coastal sage scrub and oak woodland habitat



#34. Coachella Valley Natural Community Conservation Plan



- Aerial view from the west of the Chino Cone

#34. Coachella Valley Natural Community Conservation Plan



- Aerial view from the north of the Chino Cone

#34. Coachella Valley Natural Community Conservation Plan



- View of the subject property looking south

#34. Coachella Valley Natural Community Conservation Plan



- Stream that runs through the property

#34. Coachella Valley Natural Community Conservation Plan

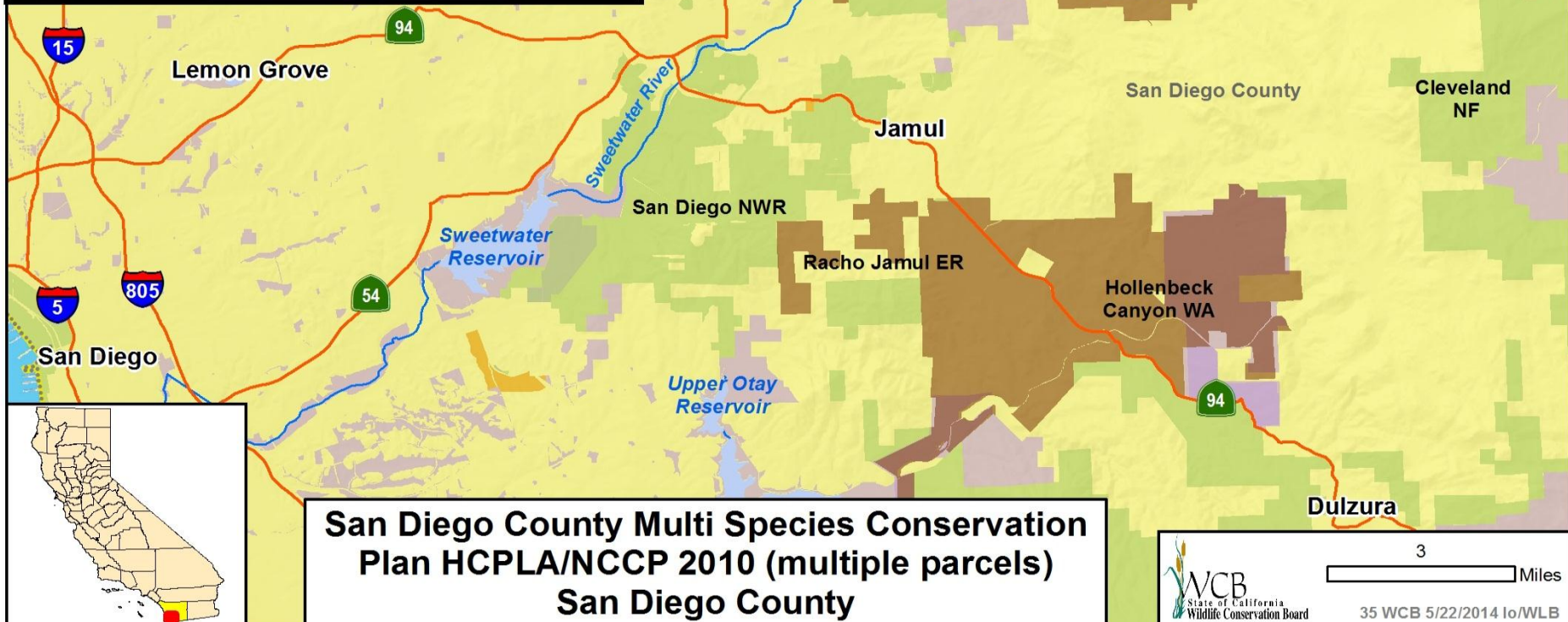
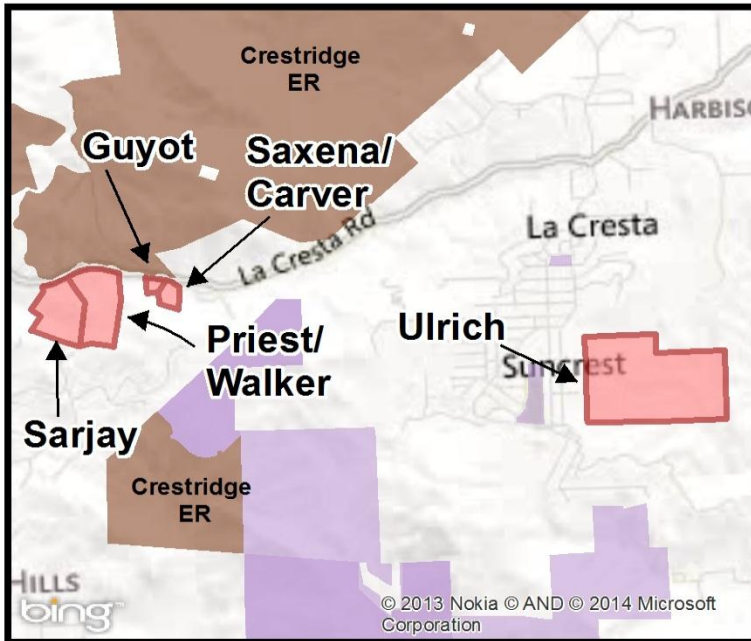


- Westerly view of riparian and Peninsular Bighorn Sheep habitat adjacent to the stream

#34. Coachella Valley Natural Community Conservation Plan



- View of property looking northeast



#35. San Diego County Multi Species Conservation Plan HCPLA/NCCP 2010 (Multiple Parcels)



- Typical vegetation found on property

#35. San Diego County Multi Species Conservation Plan HCPLA/NCCP 2010 (Multiple Parcels)



#35. San Diego County Multi Species Conservation Plan HCPLA/NCCP 2010 (Multiple Parcels)

