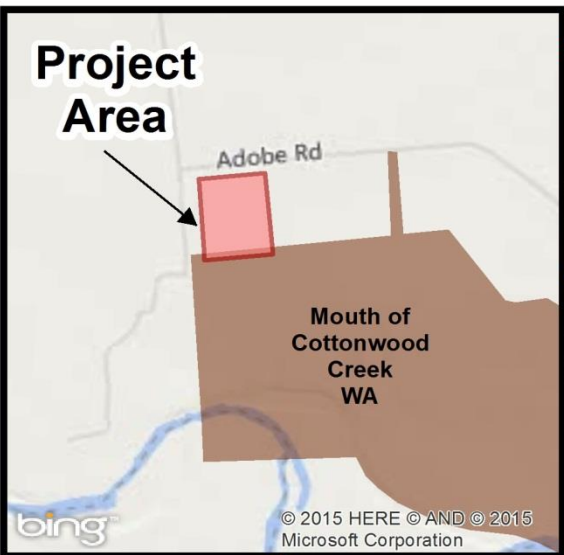
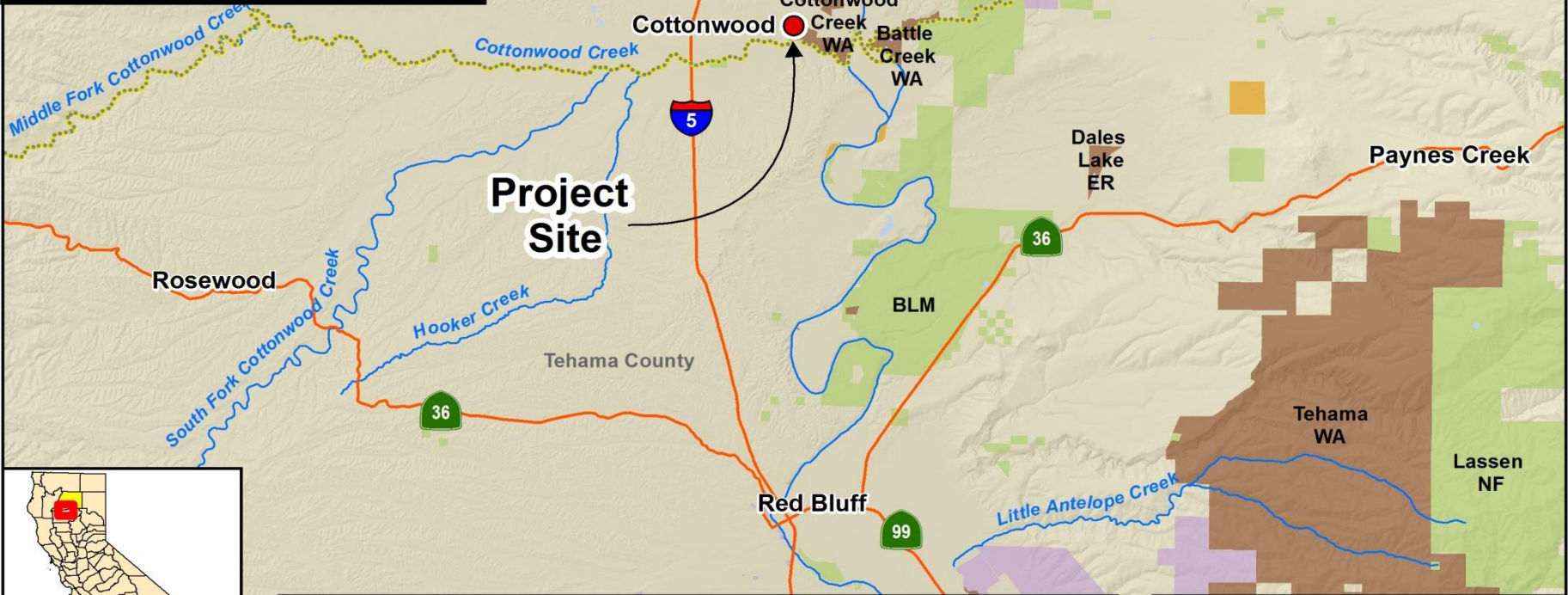


September 3, 2015, 10:00am
Wildlife Conservation Board Meeting
Natural Resources Agency Auditorium
1416 9th Street, Sacramento, California 95814





	Project Area
	California Department of Fish and Wildlife
	State
	Federal
	Other



**Mouth of Cottonwood Creek Expansion (Manner)
Shasta County**

6 Miles

7 WCB 9/3/2015 Io/WLB

#7. Mouth of Cottonwood Creek Expansion (Manner)



The property will become part of the Cottonwood
Creek Wildlife Area

#7. Mouth of Cottonwood Creek Expansion (Manner)



The property is currently used for grazing

#7. Mouth of Cottonwood Creek Expansion (Manner)



Scenic view of the subject property

#7. Mouth of Cottonwood Creek Expansion (Manner)



Northerly facing view of subject property

#8. Epperson Place Ranch Conservation Easement

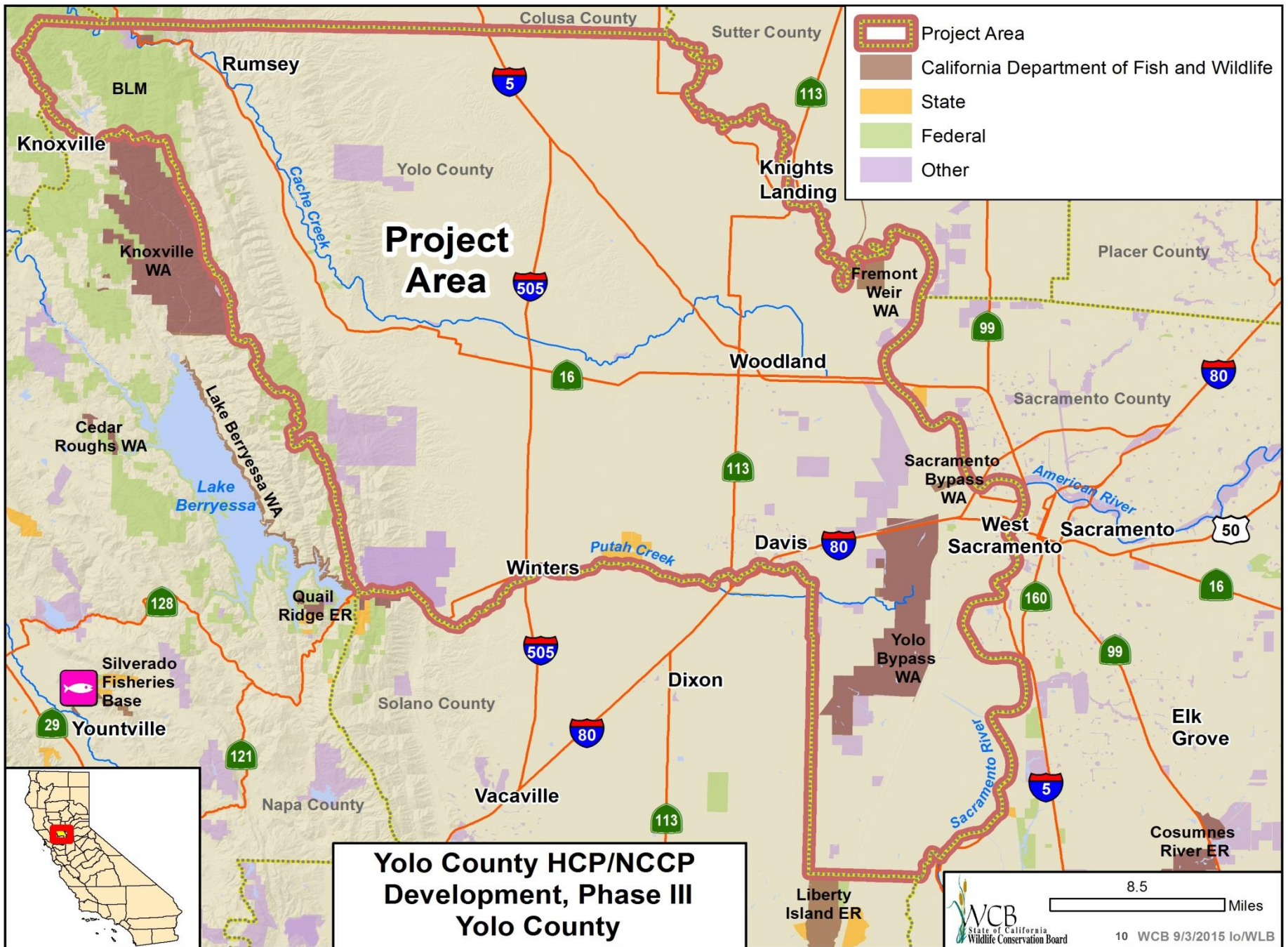


This Project was withdrawn from consideration at this time.

#9. Keegan Ranch Conservation Easement



This Project was withdrawn from consideration at this time.



**Yolo County HCP/NCCP
Development, Phase III
Yolo County**

#10. Yolo County HCP/NCCP Development, Phase III



Vernal Pool

#10. Yolo County HCP/NCCP Development, Phase III



Native Grasslands at Conaway Ranch

#10. Yolo County HCP/NCCP Development, Phase III



Burrowing Owl burrows in grasslands

#10. Yolo County HCP/NCCP Development, Phase III



Irrigated pasture

#10. Yolo County HCP/NCCP Development, Phase III



Alfalfa Field

#10. Yolo County HCP/NCCP Development, Phase III

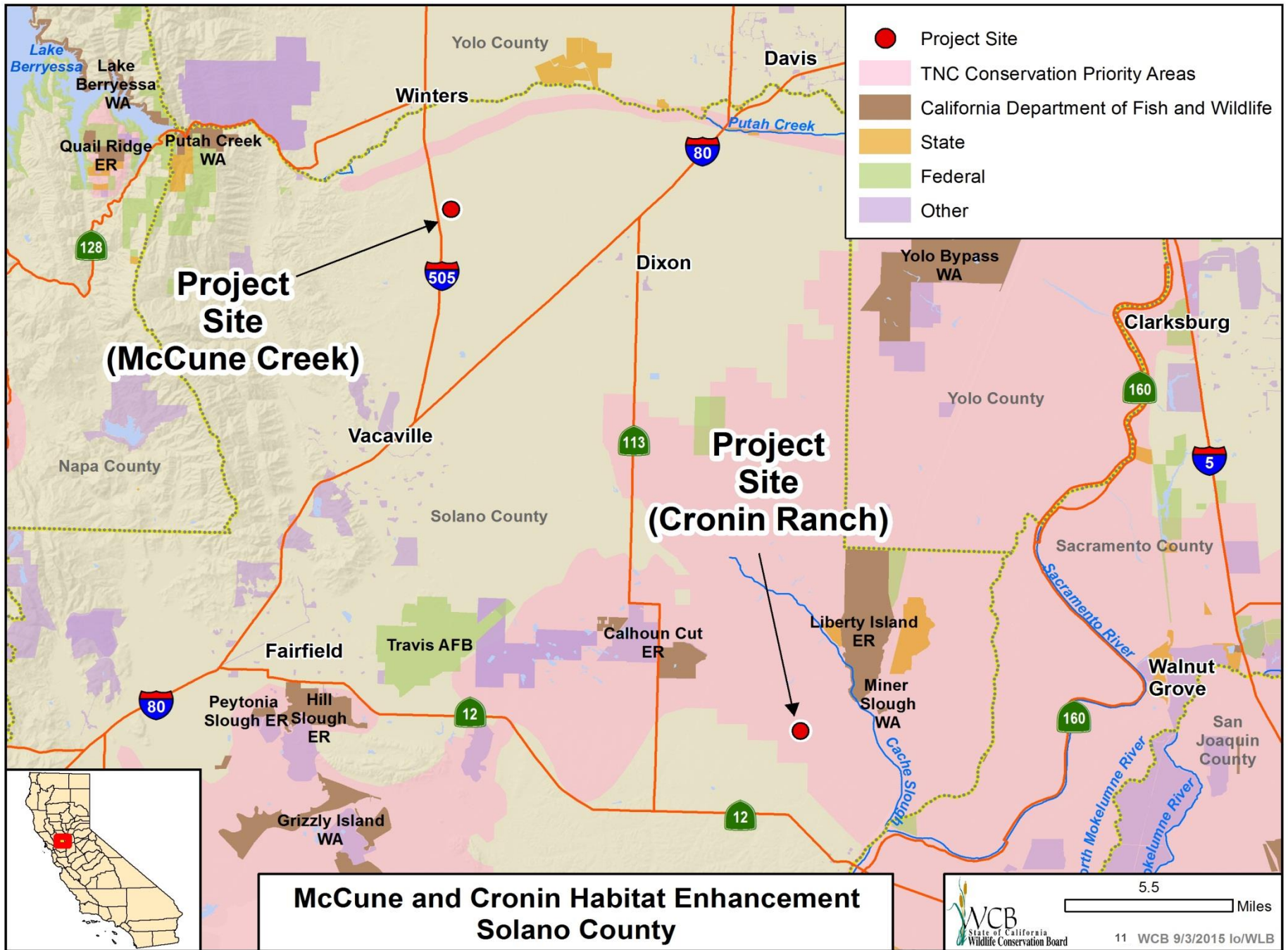


Tri-colored blackbird

#10. Yolo County HCP/NCCP Development, Phase III



Vernal pool and grassland habitats



#11. McCune and Cronin Habitat Enhancement



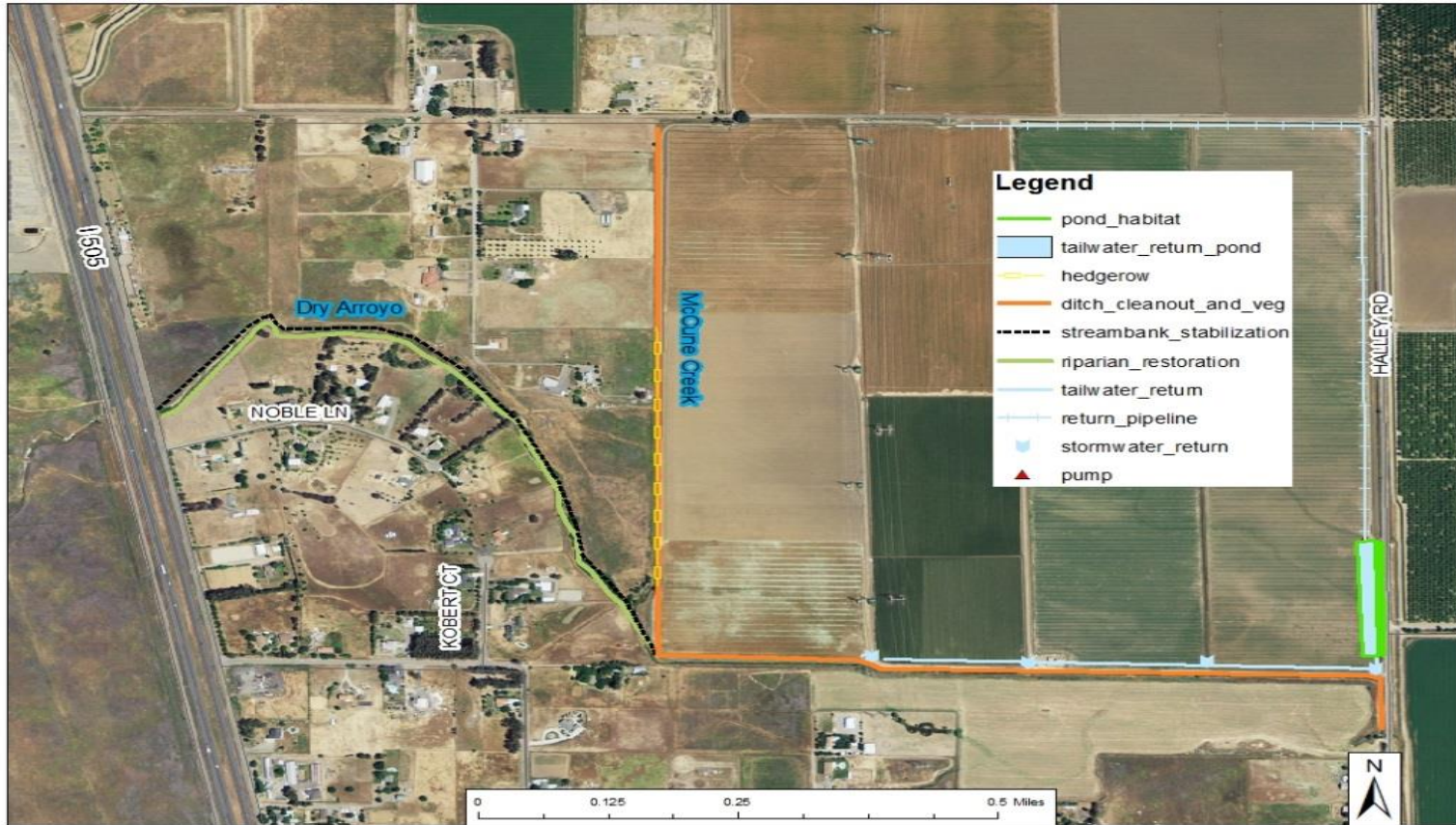
Bank sloughing and lack of riparian vegetation on Dry Arroyo (Facing north)

#11. McCune and Cronin Habitat Enhancement



Himalayan blackberries and sediment impede flow in Dry Arroyo

#11. McCune and Cronin Habitat Enhancement



Site Plan

#11. McCune and Cronin Habitat Enhancement



The left bank of McCune Creek will be laid back, and both banks will be seeded and plugged with natives.

#11. McCune and Cronin Habitat Enhancement



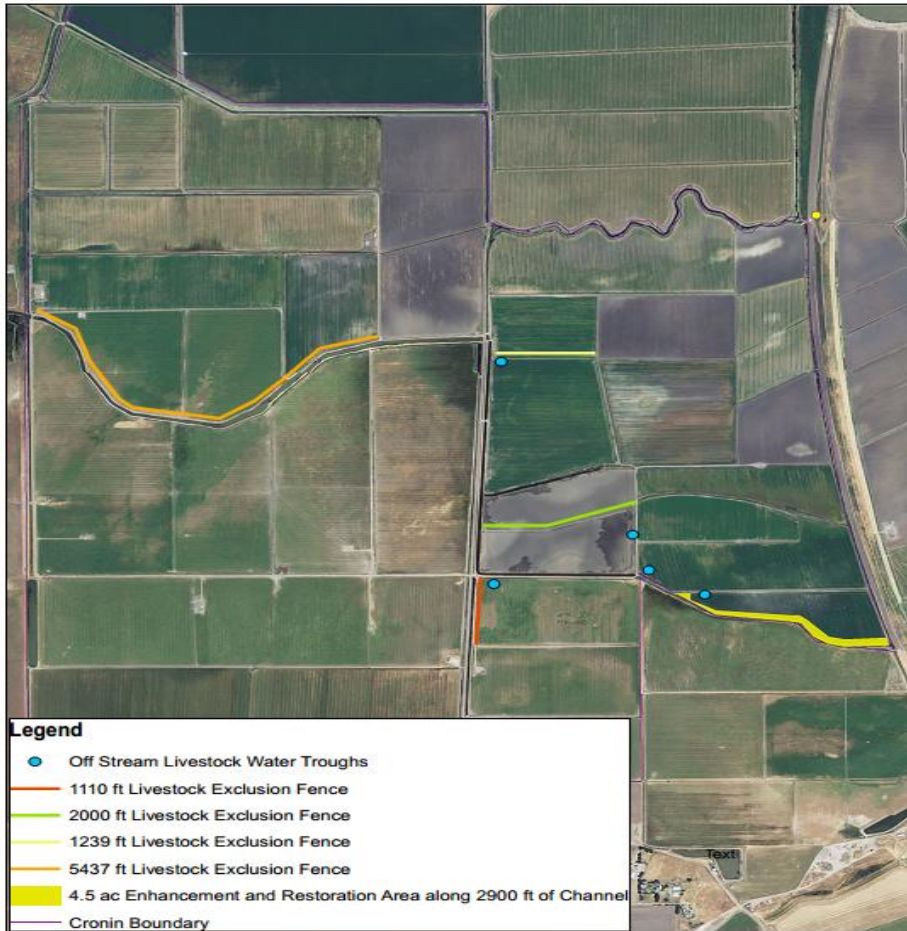
North bank of drainage channel. Road will be moved, and current location planted with native species

#11. McCune and Cronin Habitat Enhancement

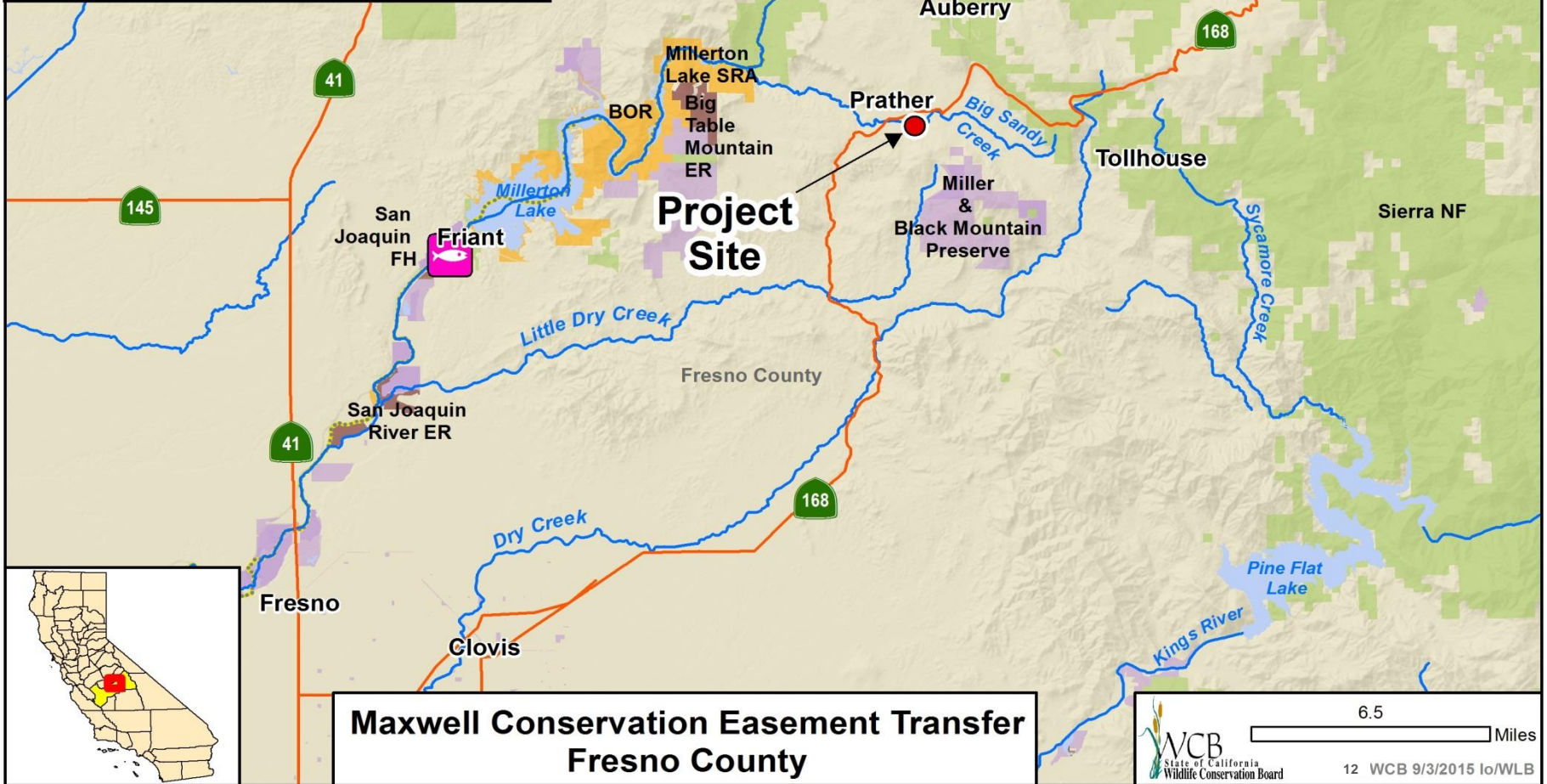
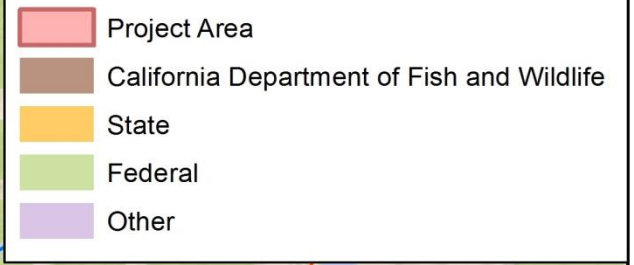
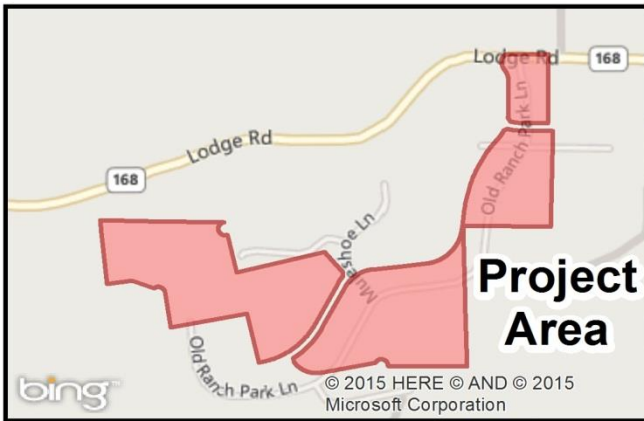


4.5 acres at this location will be planted with riparian species

#11. McCune and Cronin Habitat Enhancement



Cronin Ranch site plan



**Maxwell Conservation Easement Transfer
Fresno County**

WCB
State of California
Wildlife Conservation Board

6.5 Miles

12 WCB 9/3/2015 Io/WLB

#12. Maxwell Conservation Easement Transfer



Photo Courtesy of Sierra Foothill Conservancy

View of conserved area

#12. Maxwell Conservation Easement Transfer



Photo Courtesy of Sierra Foothill Conservancy

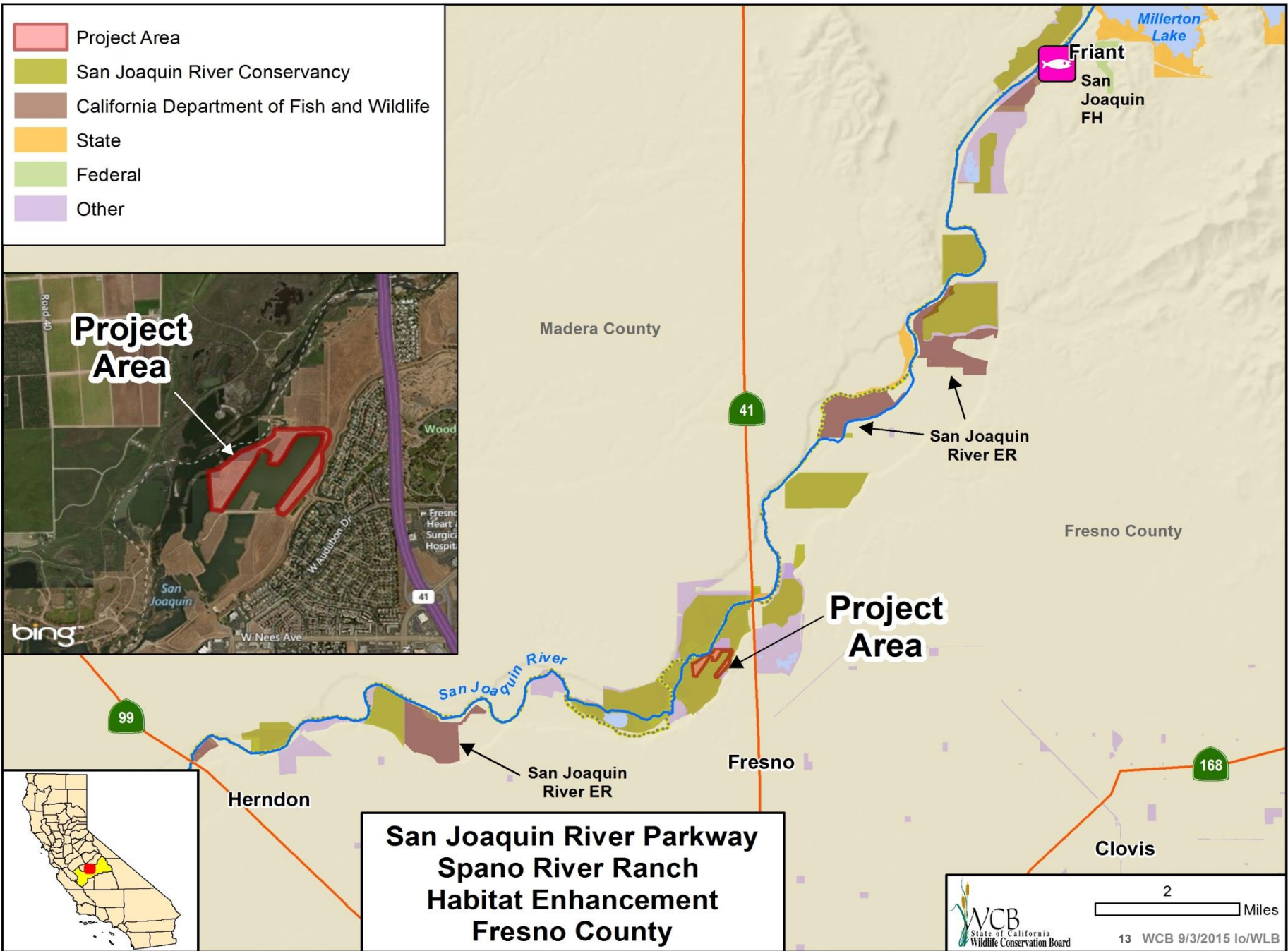
View of conserved area

#12. Maxwell Conservation Easement Transfer



Photo Courtesy of Sierra Foothill Conservancy

View of conserved area



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



**San Joaquin River Parkway
Spano River Ranch
Habitat Enhancement
Fresno County**

#13. San Joaquin River Parkway, Spano River Ranch, Habitat Enhancement



Aerial view of the project site at H Pond on the SJRC Spano River Ranch property showing the H Pond and surrounding area.

#13. San Joaquin River Parkway, Spano River Ranch, Habitat Enhancement



Existing condition of riparian and wetland habitat around the perimeter of H Pond. Restoration will improve the diversity and number of riparian and wetland plant species, and increase the overall area of native plant associations.

#13. San Joaquin River Parkway, Spano River Ranch, Habitat Enhancement

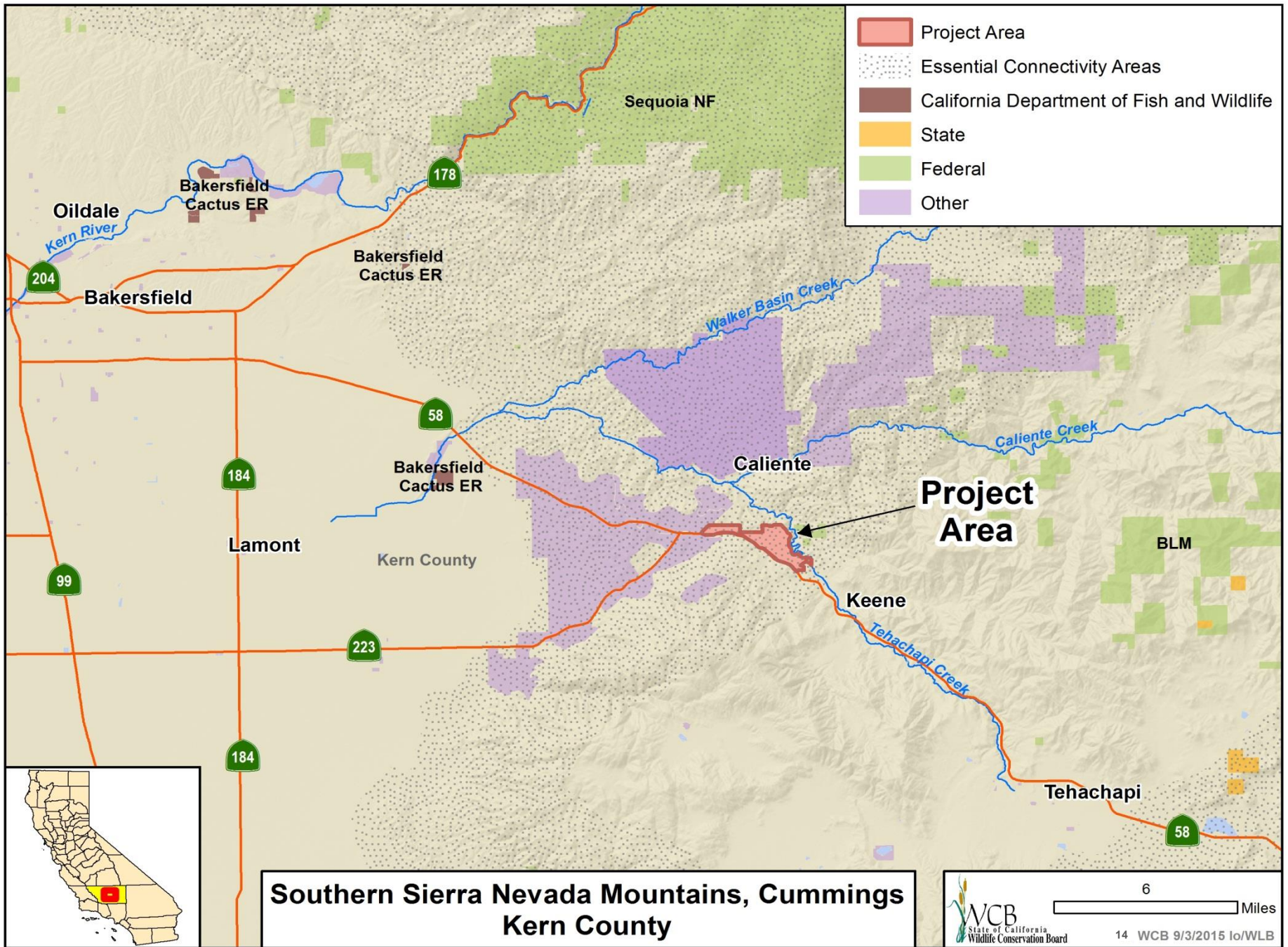


Existing condition of uplands around the perimeter of H Pond. Uplands, currently dominated by invasive annual plants, will be restored with native upland scrub.

#13. San Joaquin River Parkway, Spano River Ranch, Habitat Enhancement



Upland, riparian and wetland restoration plan



#14. Southern Sierra Nevada Mountains, Cummings

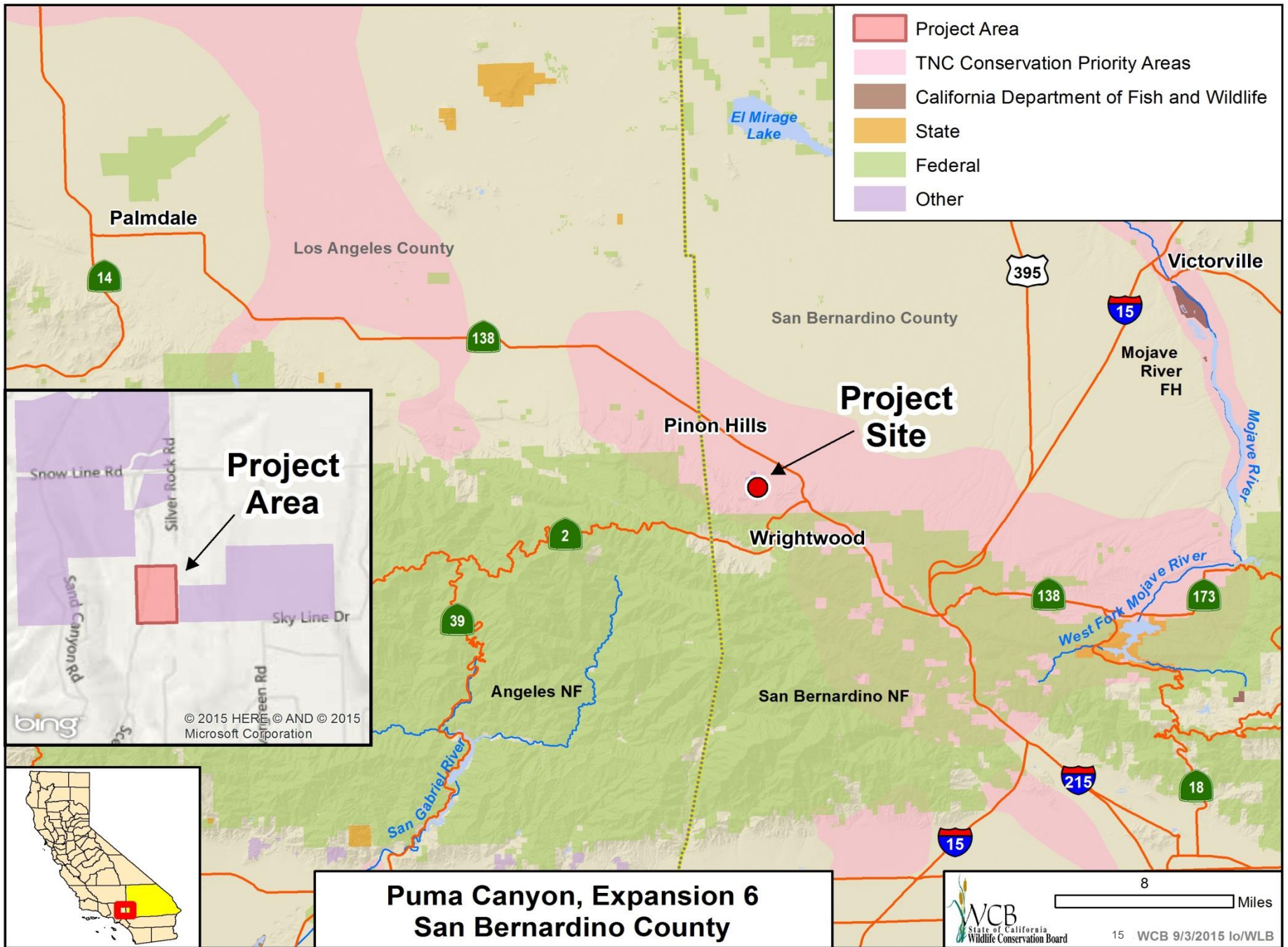


Looking northerly - moderately to steeply sloping grazing land

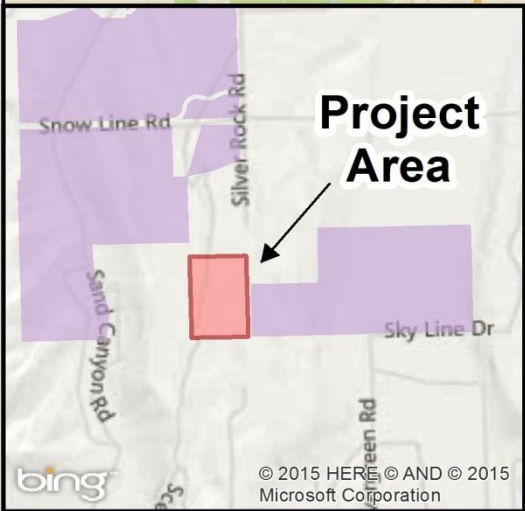
#14. Southern Sierra Nevada Mountains, Cummings



Looking northerly – moderately to steeply sloping grazing land



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



**Puma Canyon, Expansion 6
San Bernardino County**

8 Miles

WCB
 State of California
 Wildlife Conservation Board

15 WCB 9/3/2015 lo/WLB

#15. Puma Canyon, Expansion 6



Puma Canyon, Pinyon Pine

#15. Puma Canyon, Expansion 6

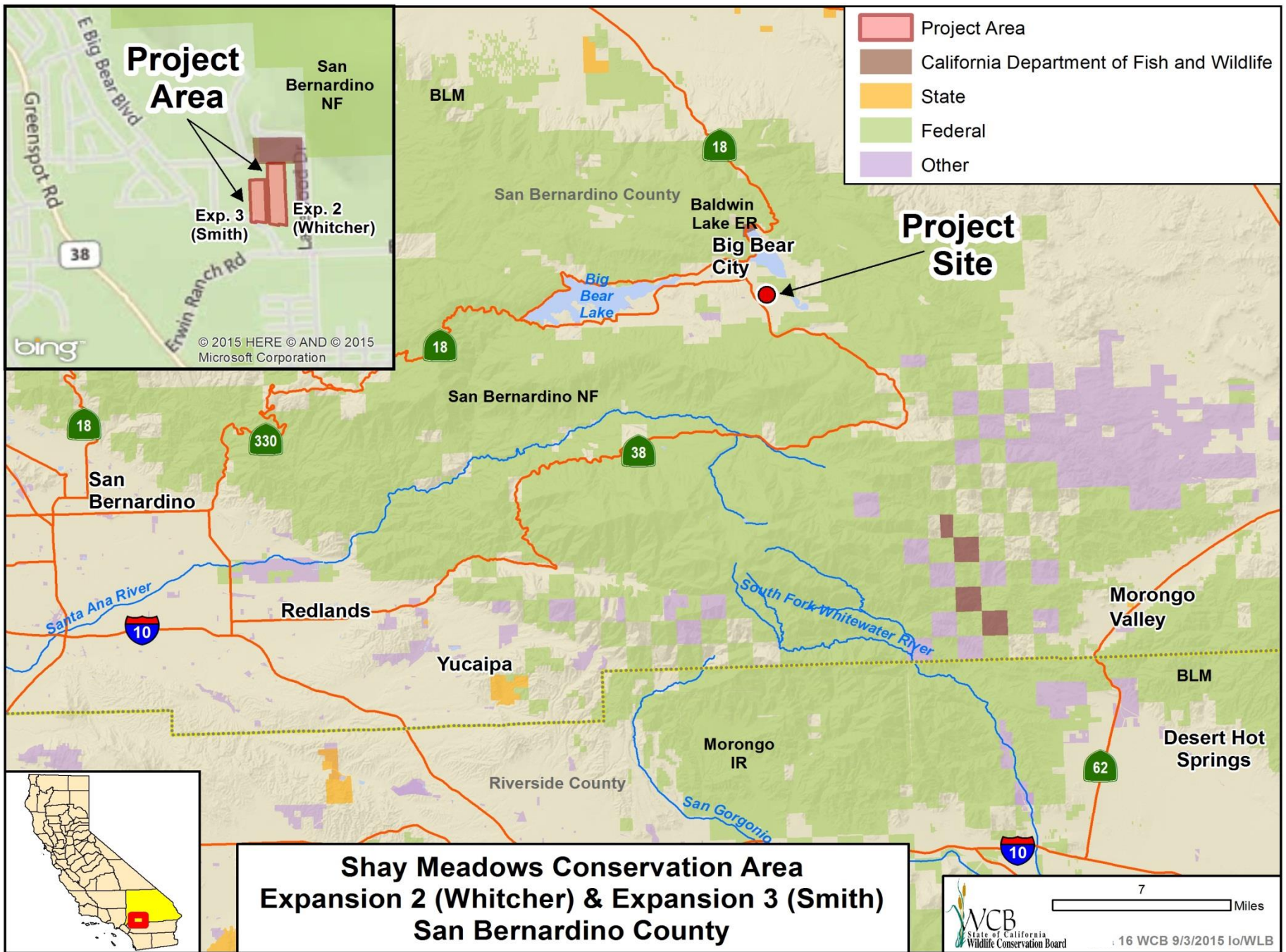


Puma Canyon, Joshua Tree

#15. Puma Canyon, Expansion 6



Puma Canyon, Manzanita, Cholla cactus, Joshua Tree, and Pinyon Pine



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

Project Area

San Bernardino NF

BLM

San Bernardino County

Baldwin Lake ER

Big Bear City

Project Site

Exp. 3 (Smith)

Exp. 2 (Whitcher)

© 2015 HERE © AND © 2015 Microsoft Corporation

**Shay Meadows Conservation Area
Expansion 2 (Whitcher) & Expansion 3 (Smith)
San Bernardino County**

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



The Unarmored Threespine Stickleback

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



Front of Smith lot at Garnet Street facing north

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



Rear view of Smith lot from NW corner facing south

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



Rear view of Smith lot from westernmost property line facing east

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



Eastern boundary of Whitcher lot facing west

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)



Eastern boundary of Whitcher lot facing SW

#16. Shay Meadows Conservation Area, Expansion 2 (Whitcher) & Expansion 3 (Smith)

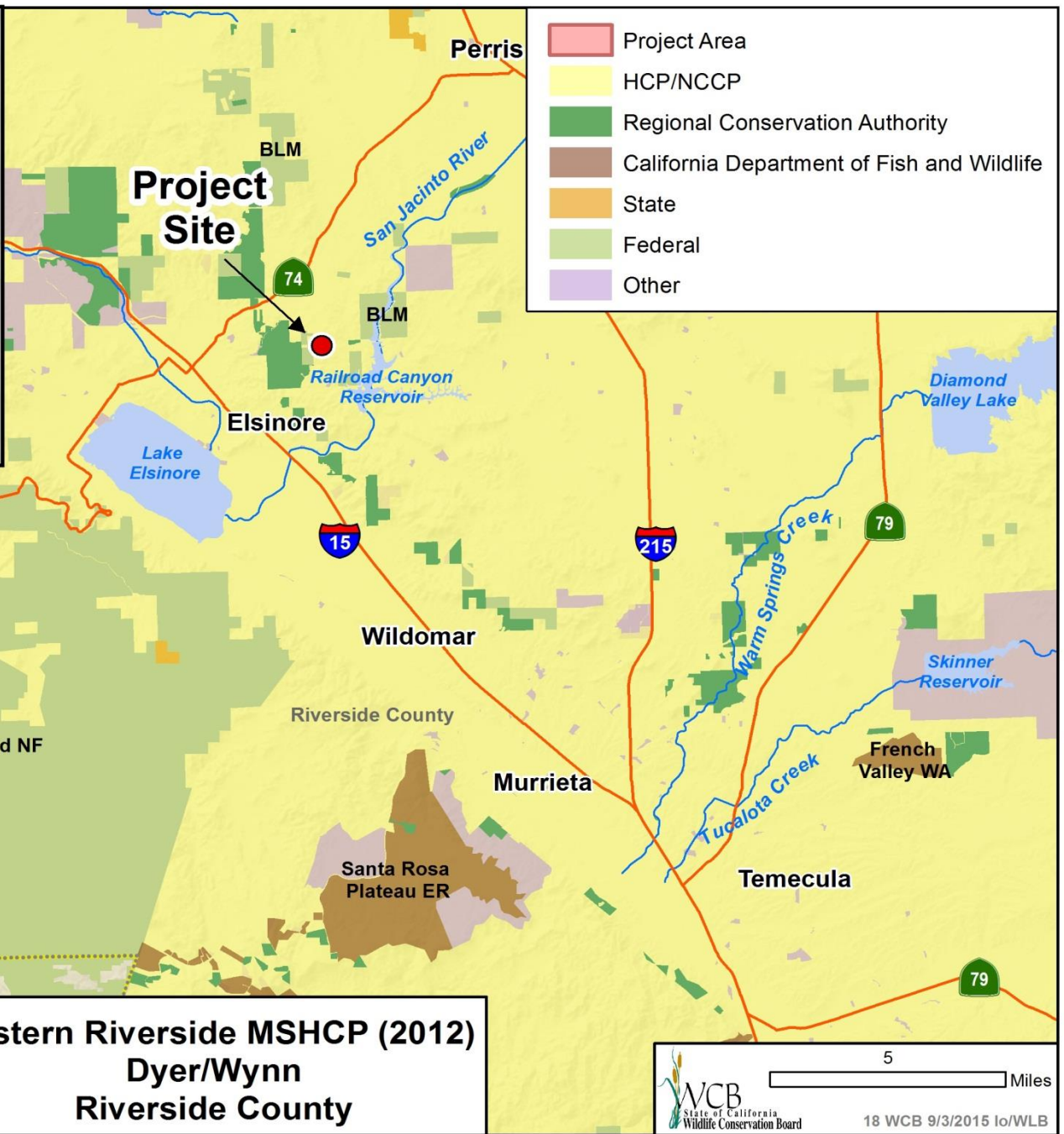
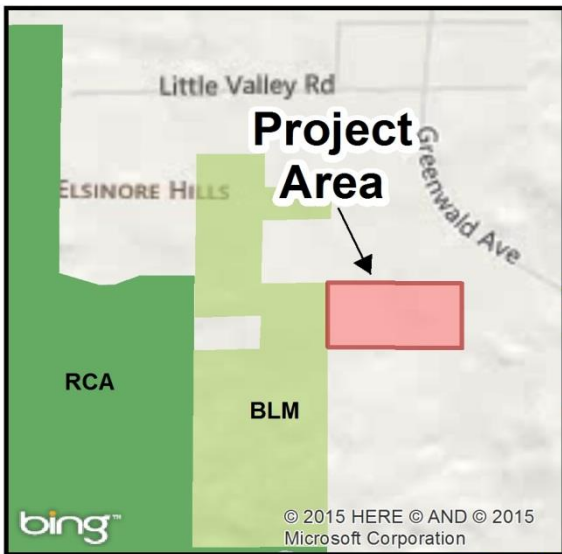


SE corner of Whitcher lot facing NW

#17. SR-91 Wildlife Underpass Design



This Project was withdrawn from consideration at this time.



#18. Western Riverside MSHCP (2012) – Dyer/Wynn



Photo courtesy of Western Riverside County Regional Conservation Authority

Western view of the Dyer/Wynn property

#18. Western Riverside MSHCP (2012) – Dyer/Wynn



Photo courtesy of Western Riverside County Regional Conservation Authority

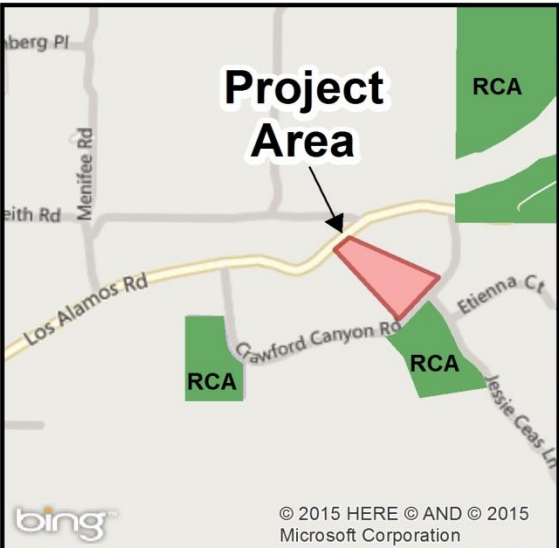
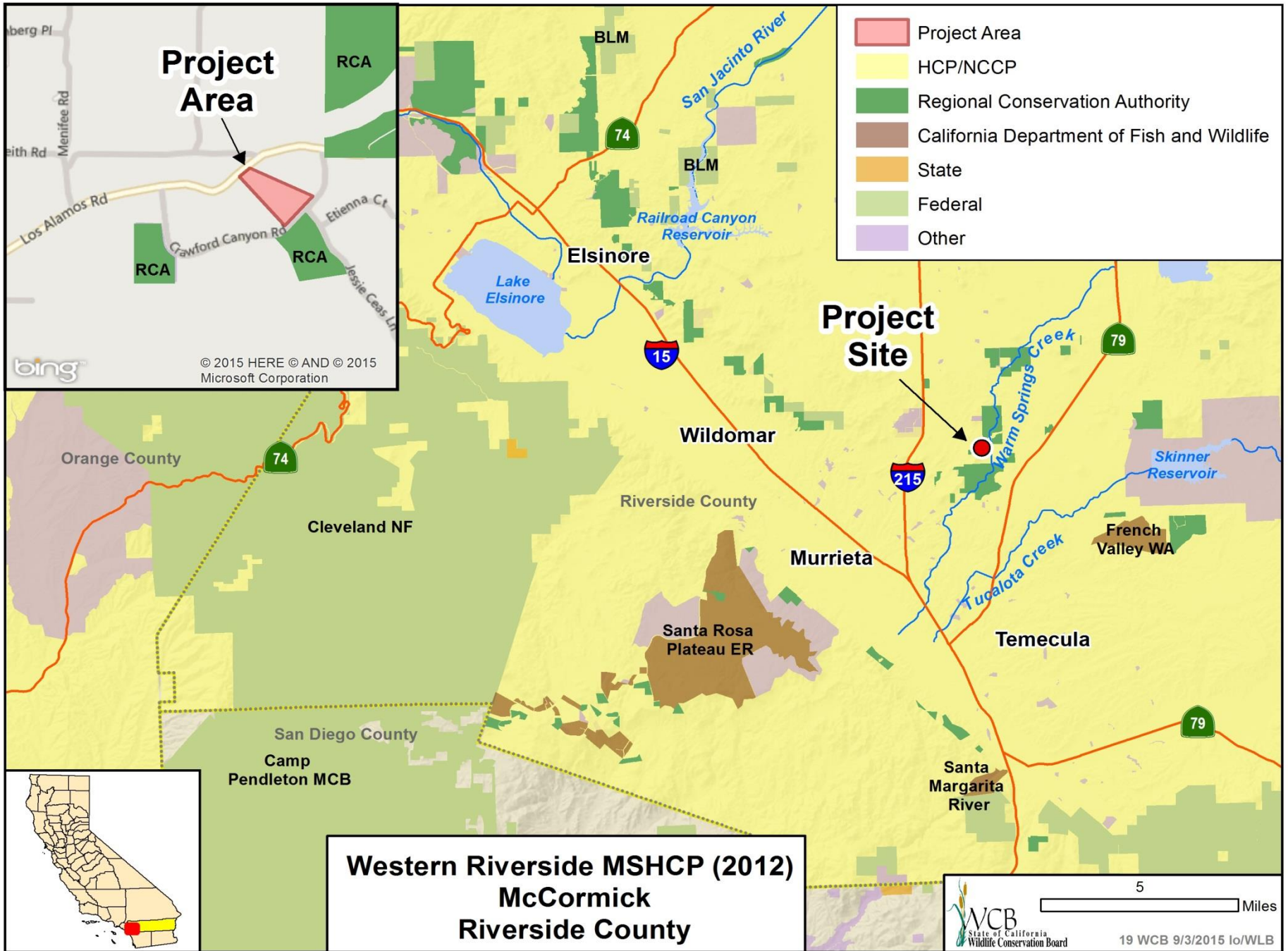
Dyer/Wynn property viewed from the northwest

#18. Western Riverside MSHCP (2012) – Dyer/Wynn



Photo courtesy of Western Riverside County Regional Conservation Authority

The Dyer/Wynn property shown here shows its proximity to developed properties



#19. Western Riverside MSHCP (2012) - McCormick



The McCormick Property is located on the west side of Crawford Canyon Road, south of Los Alamos Road in Murrieta

#19. Western Riverside MSHCP (2012) - McCormick

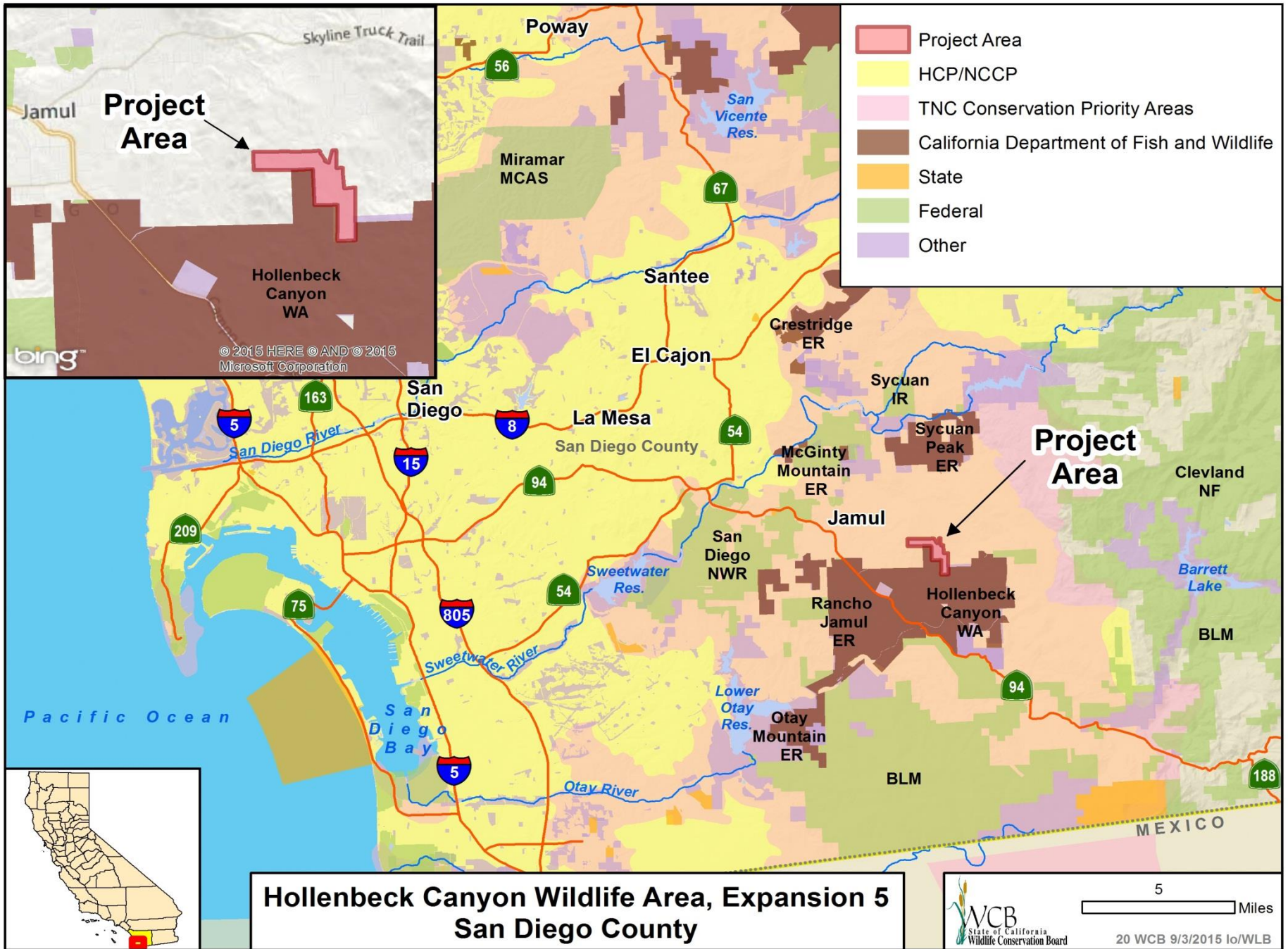


The Property is located within Western Core Linkage Habitat area.

#19. Western Riverside MSHCP (2012) - McCormick



The Property is covered with scattered blocks of coastal Sage scrub and chapparal. This plant community is essential to resident wildlife.

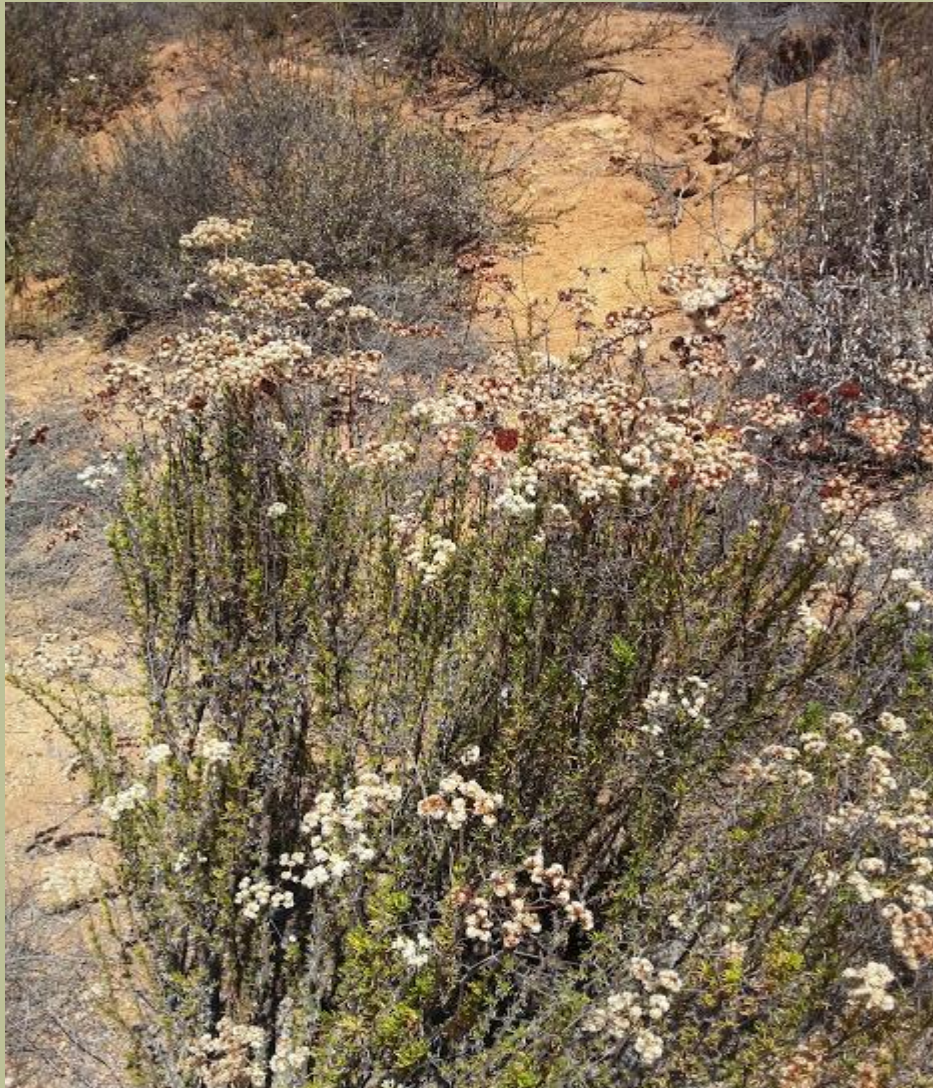


#20. Hollenbeck Canyon Wildlife Area, Expansion 5



Vegetation found on property

#20. Hollenbeck Canyon Wildlife Area, Expansion 5

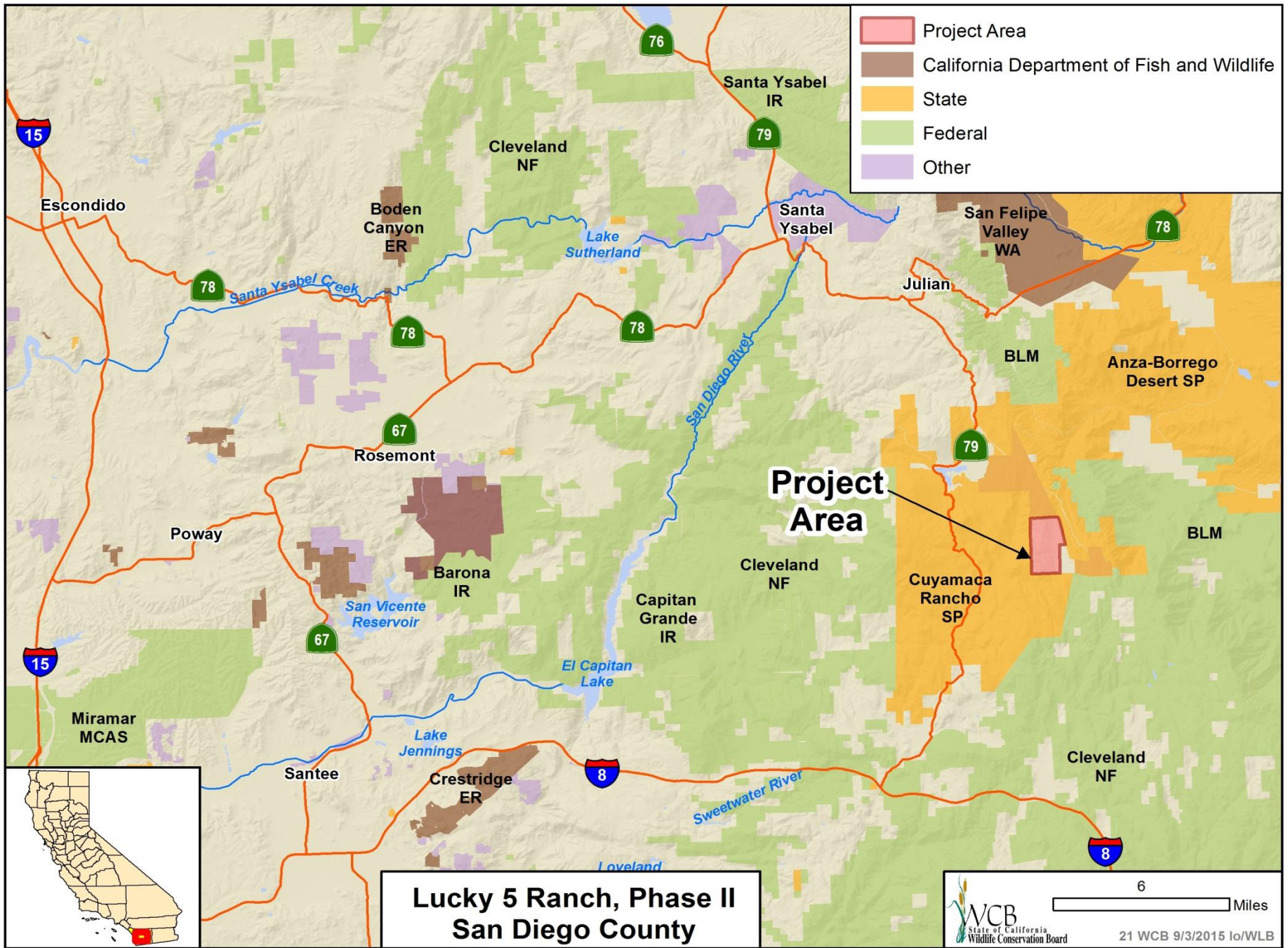


Buckwheat plant found on property

#20. Hollenbeck Canyon Wildlife Area, Expansion 5



View of corridor on boundary of subject property with Hollenbeck Canyon Wildlife Area



#21. Lucky 5 Ranch, Phase II



Northerly view of the property

#21. Lucky 5 Ranch, Phase II



Easterly view of the property

#21. Lucky 5 Ranch, Phase II

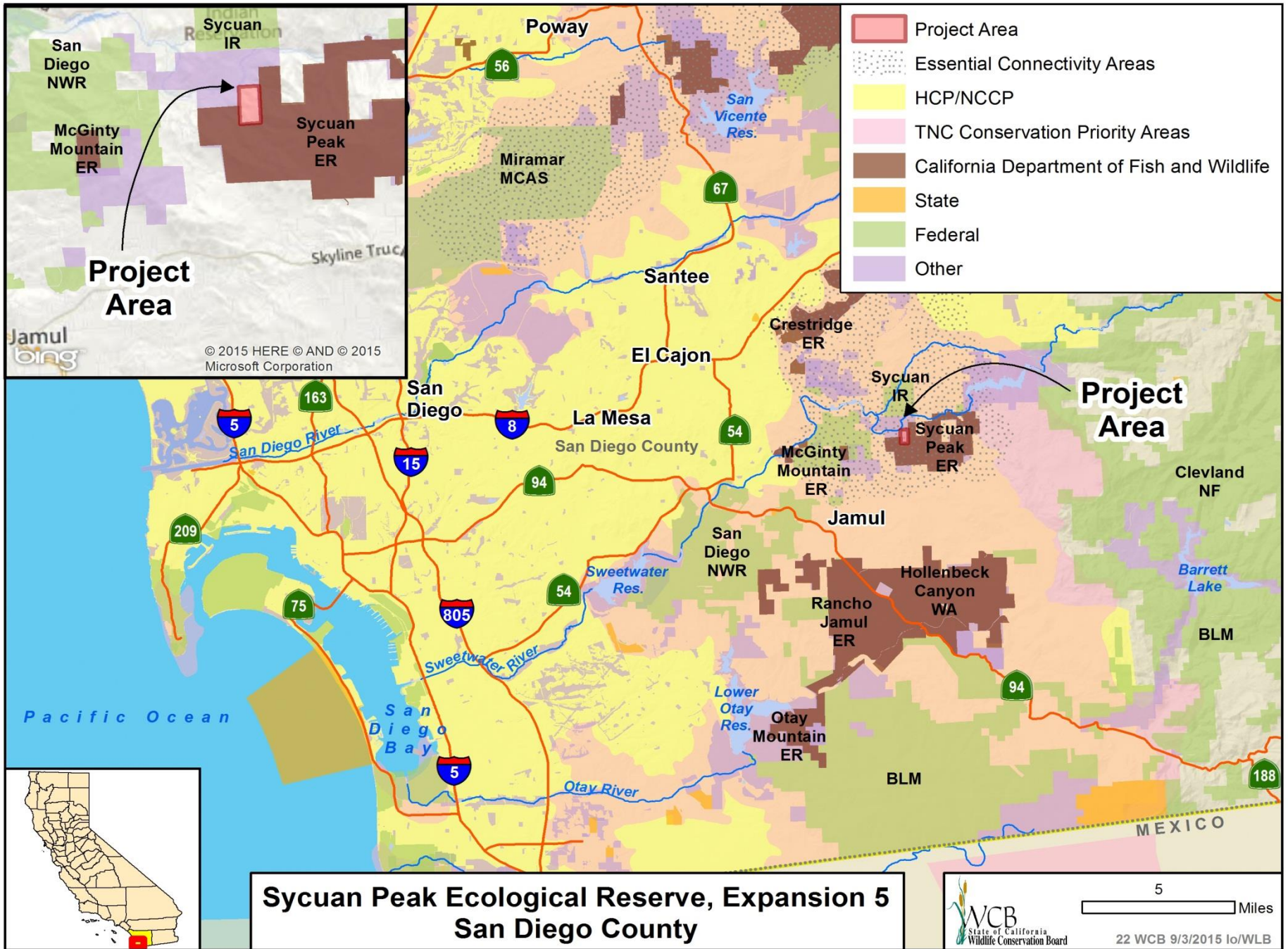


Southerly view of the property

#21. Lucky 5 Ranch, Phase II



Westerly view of the property



**Sycuan Peak Ecological Reserve, Expansion 5
San Diego County**

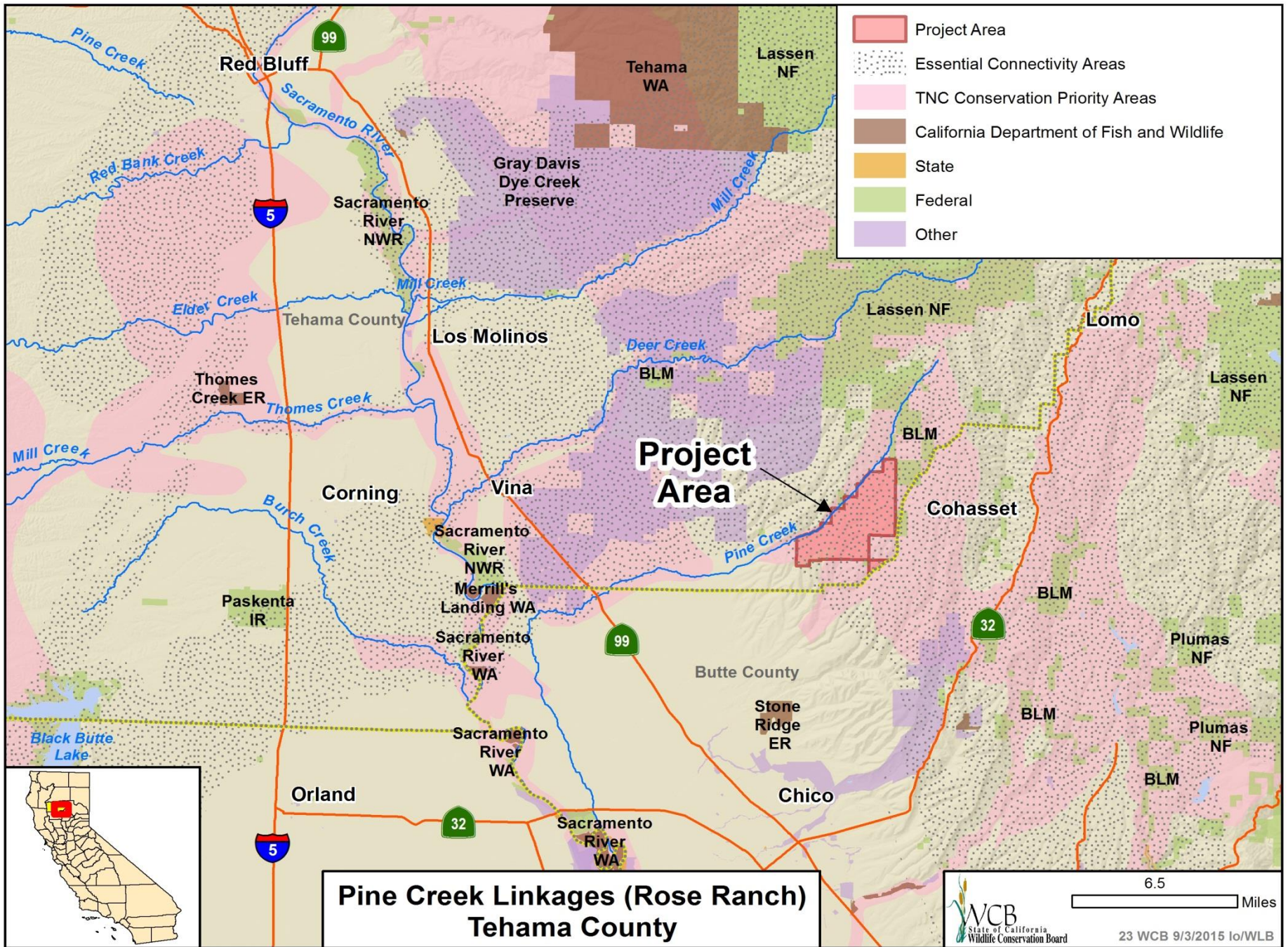
#22. Sycuan Peak Ecological Reserve, Expansion 5



#22. Sycuan Peak Ecological Reserve, Expansion 5



State endangered Dehesa bear grass



#23. Pine Creek Linkages (Rose Ranch)



Large mule deer buck foraging at Rose ranch

#23. Pine Creek Linkages (Rose Ranch)



Cliffs and rocky outcrops throughout the project area provide suitable nesting habitat for peregrine falcons, golden eagles, and suitable roosting habitat for several special status bat species

#23. Pine Creek Linkages (Rose Ranch)



Golden eagle photographed along shore of spring impoundment

#23. Pine Creek Linkages (Rose Ranch)



Bed of Rock Creek in late June where foothill yellow-legged frog and western pond turtle were observed

#23. Pine Creek Linkages (Rose Ranch)



Foothill yellow-legged frog observed along Rock Creek

#23. Pine Creek Linkages (Rose Ranch)



Small western pond turtle observed along Rock Creek

#23. Pine Creek Linkages (Rose Ranch)



View upslope toward extensive mixed black, canyon, and live oak stands

#23. Pine Creek Linkages (Rose Ranch)



Pair of coyotes observed at small spring

#23. Pine Creek Linkages (Rose Ranch)

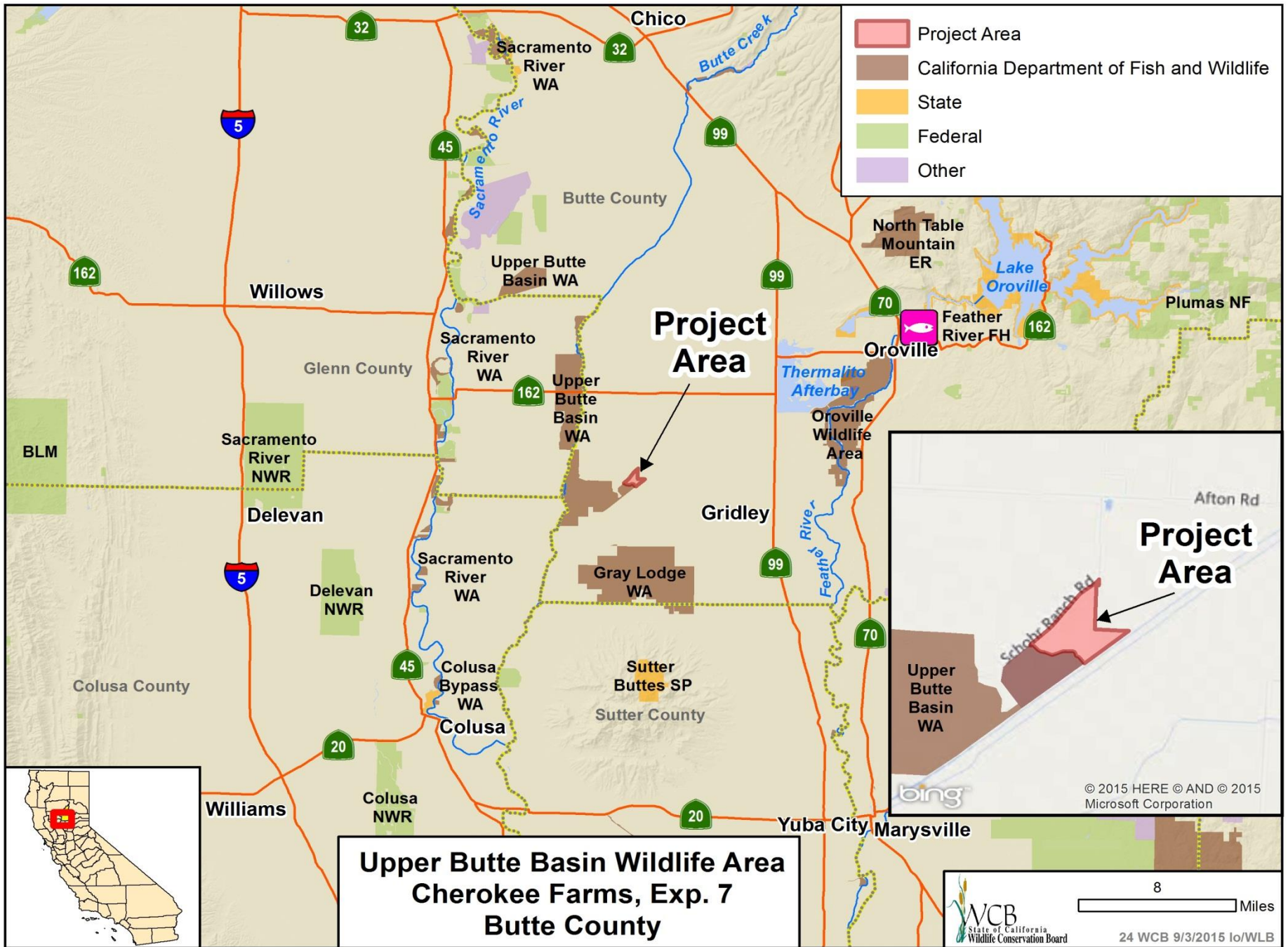


View from within typical black oak stands in eastern half of project area

#23. Pine Creek Linkages (Rose Ranch)



Top of property looking down canyon Pine Creek runs through



#24. Upper Butte Basin Wildlife Area Expansion 7



Brood pond on the property

#24. Upper Butte Basin Wildlife Area Expansion 7



In addition to wintering migratory birds the property will provide habitat for giant garter snake, black tailed deer, and California Quail

#24. Upper Butte Basin Wildlife Area Expansion 7



Brood ponds for wintering waterfowl

#24. Upper Butte Basin Wildlife Area Expansion 7

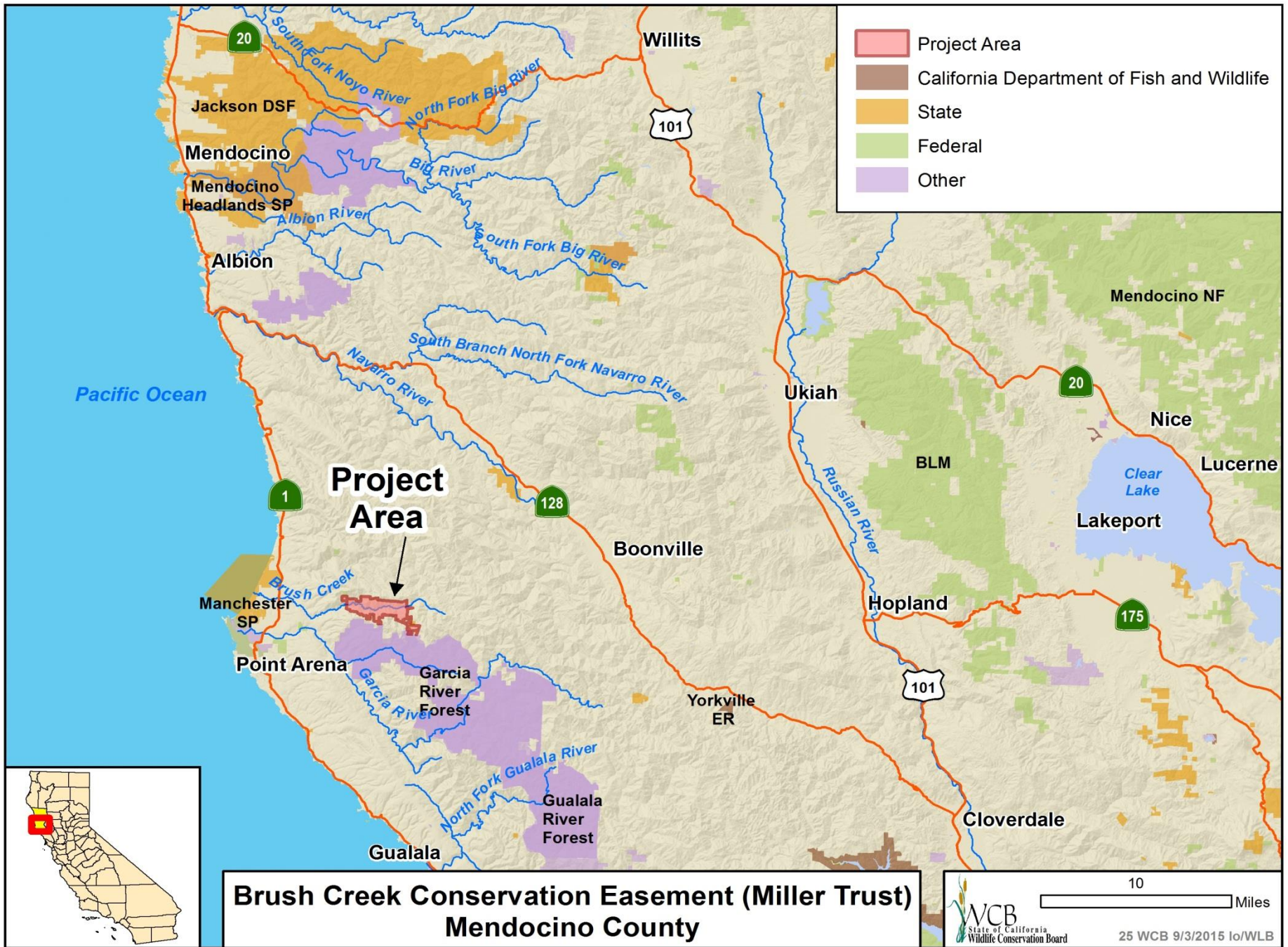


Quality vegetation for wintering migratory birds

#24. Upper Butte Basin Wildlife Area Expansion 7



Property would be part of the closed zone of the wildlife area to provide additional protected space for wintering waterfowl



**Brush Creek Conservation Easement (Miller Trust)
Mendocino County**

#25. Brush Creek Conservation Easement (Miller Trust)



View of Riparian Protection Area

#25. Brush Creek Conservation Easement (Miller Trust)



Photo courtesy of The Mendocino Land Trust

Brush Creek Property – view of trees and stream bed

#25. Brush Creek Conservation Easement (Miller Trust)



Photos courtesy of The Mendocino Land Trust

#25. Brush Creek Conservation Easement (Miller Trust)



Photo courtesy of The Mendocino Land Trust

View of Salmonid Habitat

#25. Brush Creek Conservation Easement (Miller Trust)



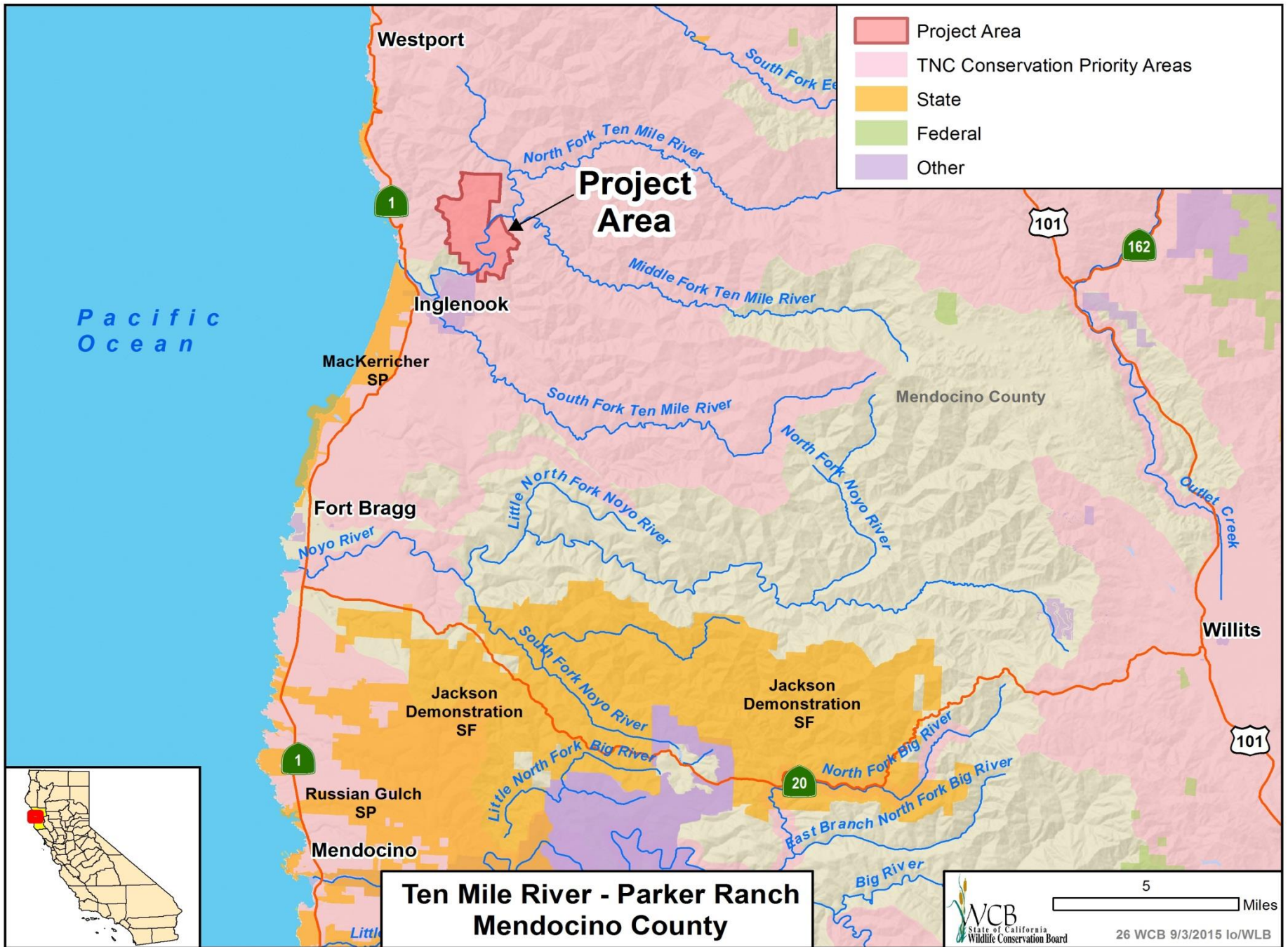
Pt. Arena Mountain Beaver - file photo by Kim Fitts

Point Arena Mountain Beaver

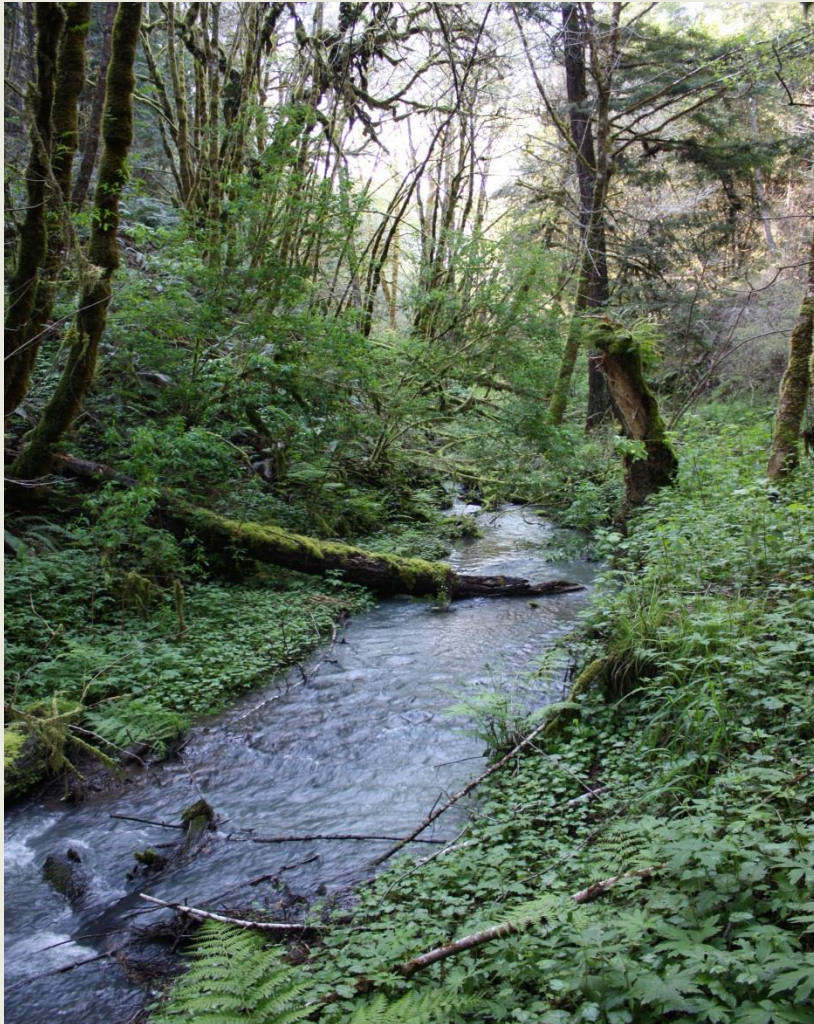
#25. Brush Creek Conservation Easement (Miller Trust)



Landowner with CDFW staff biologists



#26. Ten Mile River – Parker Ranch, Forest Conservation Program



Riparian corridor on the
Ten Mile River Watershed

#26. Ten Mile River – Parker Ranch, Forest Conservation Program



Treetop view looking down the Ten Mile River valley toward the ocean

#26. Ten Mile River – Parker Ranch, Forest Conservation Program



Sediment build up from tributary flowing into the Ten Mile River

#26. Ten Mile River – Parker Ranch, Forest Conservation Program



Existing farmstead and grazing area

#26. Ten Mile River – Parker Ranch, Forest Conservation Program



View from river east into forested area

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



**Feather River Wildlife Area
Riparian Habitat Restoration
Abbott Lake Unit - Augmentation
Sutter County**

5 Miles

27 WCB 9/3/2015 lo/WLB

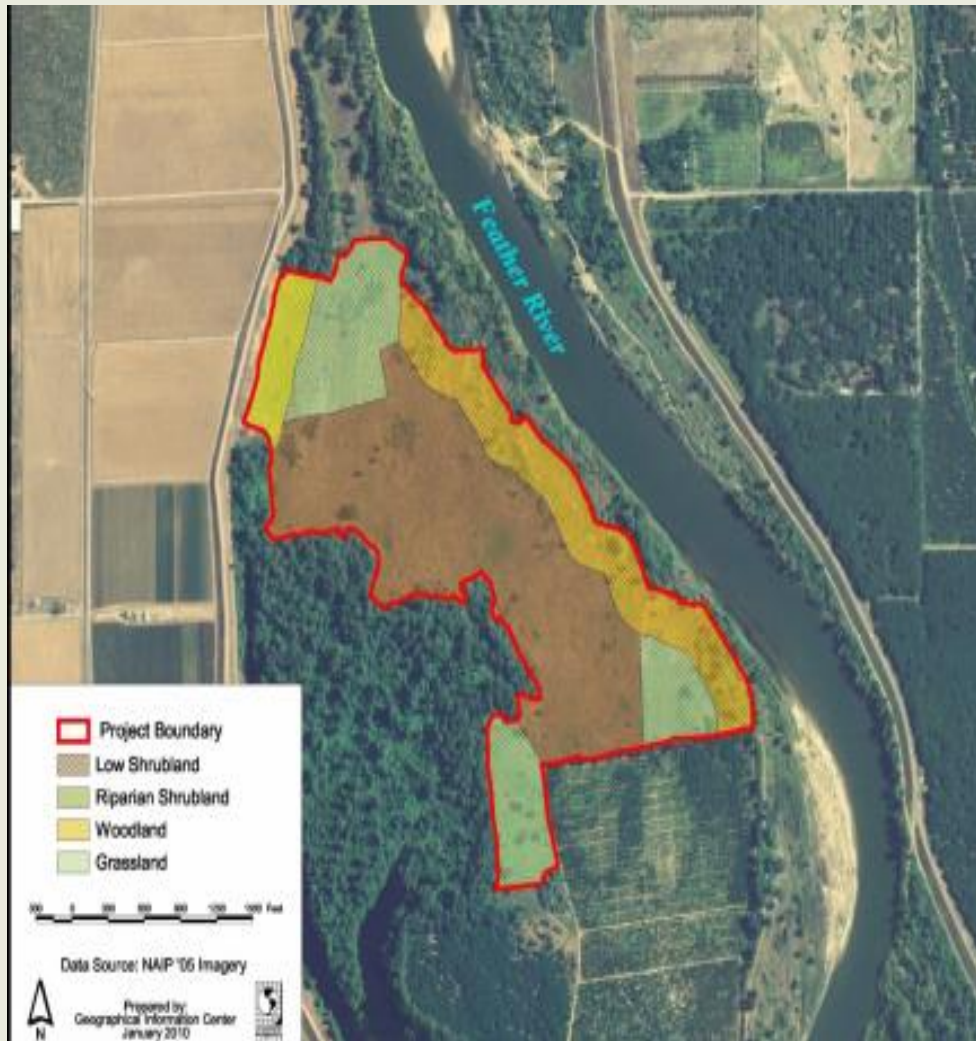
#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



Photo courtesy of River Partners

Abbott Lake and remnant riparian forest

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



Planting design

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



Photo courtesy of River Partners

Weedy initial site conditions. South field, Abbott Lake Unit

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



Photo courtesy of River Partners

Site planting, January 2015

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



Photo courtesy of River Partners

Over 19,000 native riparian plants installed, January 2015

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation

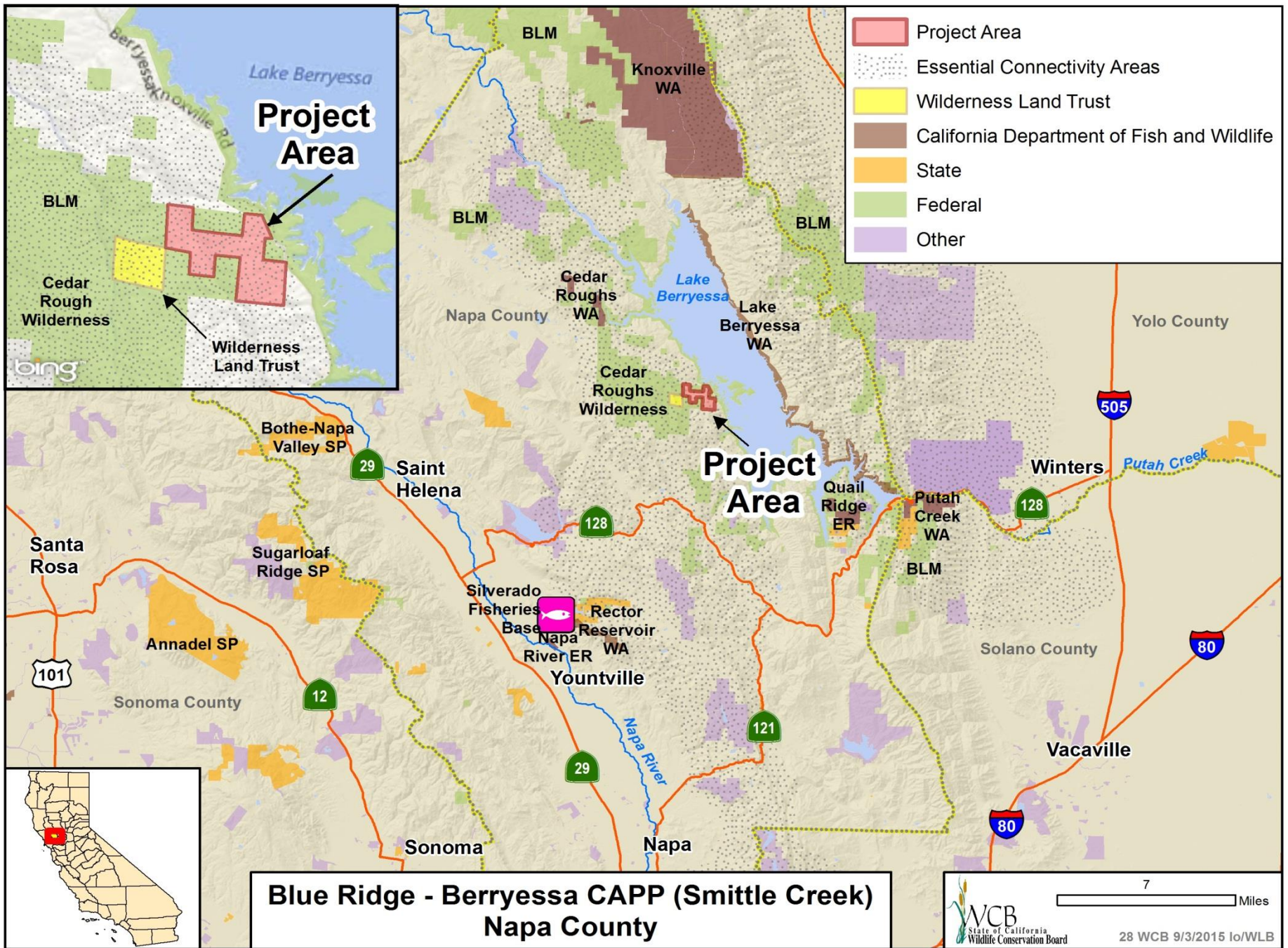


Project site, June 2015

#27. Feather River Wildlife Area, Riparian Habitat Restoration, Abbott Lake Unit, Augmentation



O'Connor Lake unit – Local site, successful restoration using similar practices.



**Blue Ridge - Berryessa CAPP (Smittle Creek)
Napa County**

#28. Blue Ridge-Berryessa CAPP, Smittle Creek



Entry gate and main access road off Berryessa Knoxville Road

#28. Blue Ridge-Berryessa CAPP, Smittle Creek



Main access road rising above Berryessa Knoxville Road

#28. Blue Ridge-Berryessa CAPP, Smittle Creek



Partially developed spring in western portion of property

#28. Blue Ridge-Berryessa CAPP, Smittle Creek

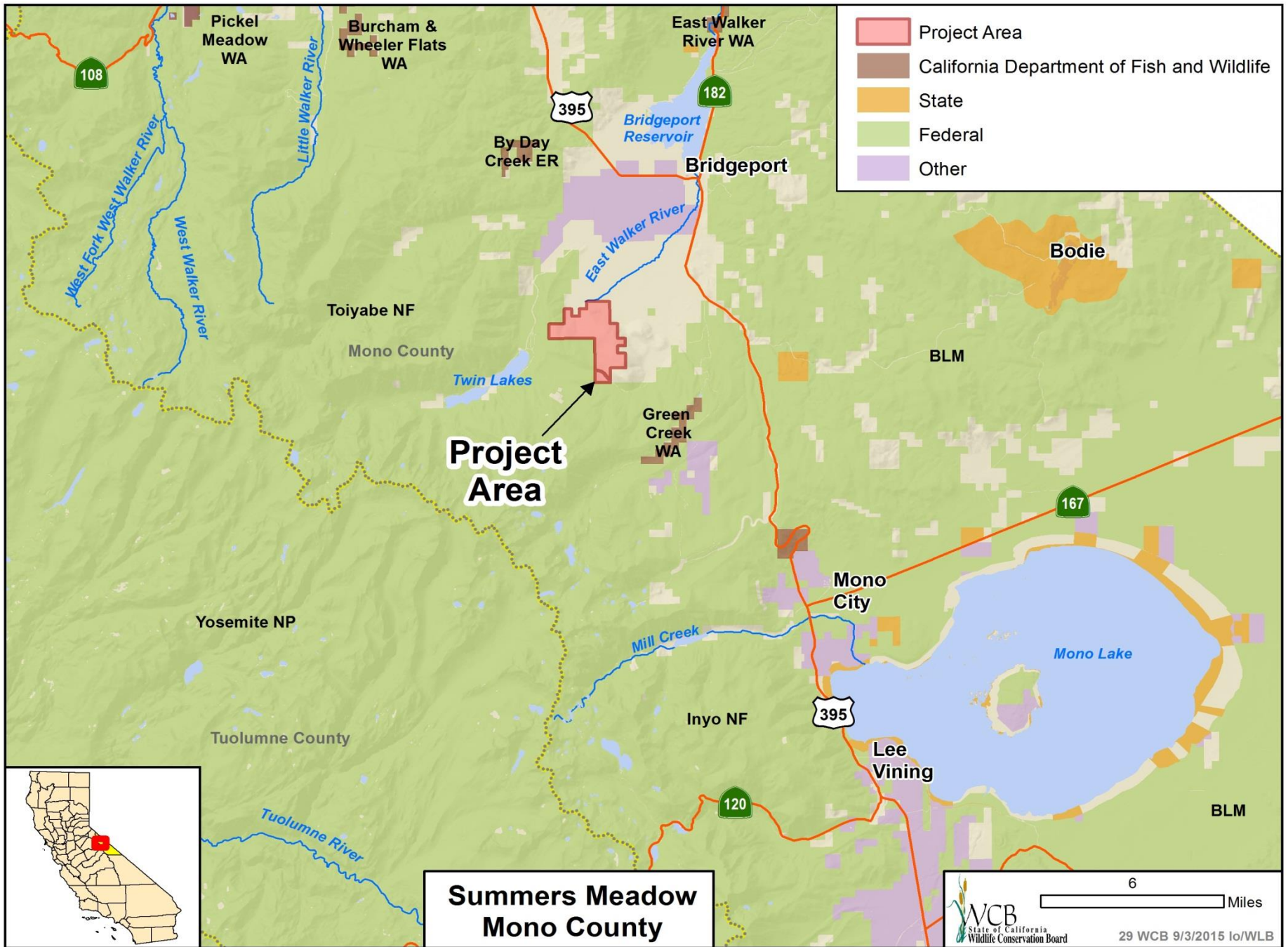


Fresh bear track

#28. Blue Ridge-Berryessa CAPP, Smittle Creek



Typical Blue Oak Woodland



**Summers Meadow
Mono County**

#29. Summers Meadow



Wet meadows and aspen habitat supported by Summers Creek and natural springs located on the Property. The surrounding lands are managed primarily by the Humboldt-Toiyabe National Forest.

#29. Summers Meadow



A natural meander in Summers Creek, a perennial stream, crossing the south end of the Property with Monument Ridge of the Sierra Nevada Mountains.

#29. Summers Meadow



Meadow area seen from an outcropping of basaltic rock on the Property. The upland areas are dominated by big sagebrush, antelope bitterbrush, curleaf mountain mahogany, and pinyon-juniper woodland.

#29. Summers Meadow

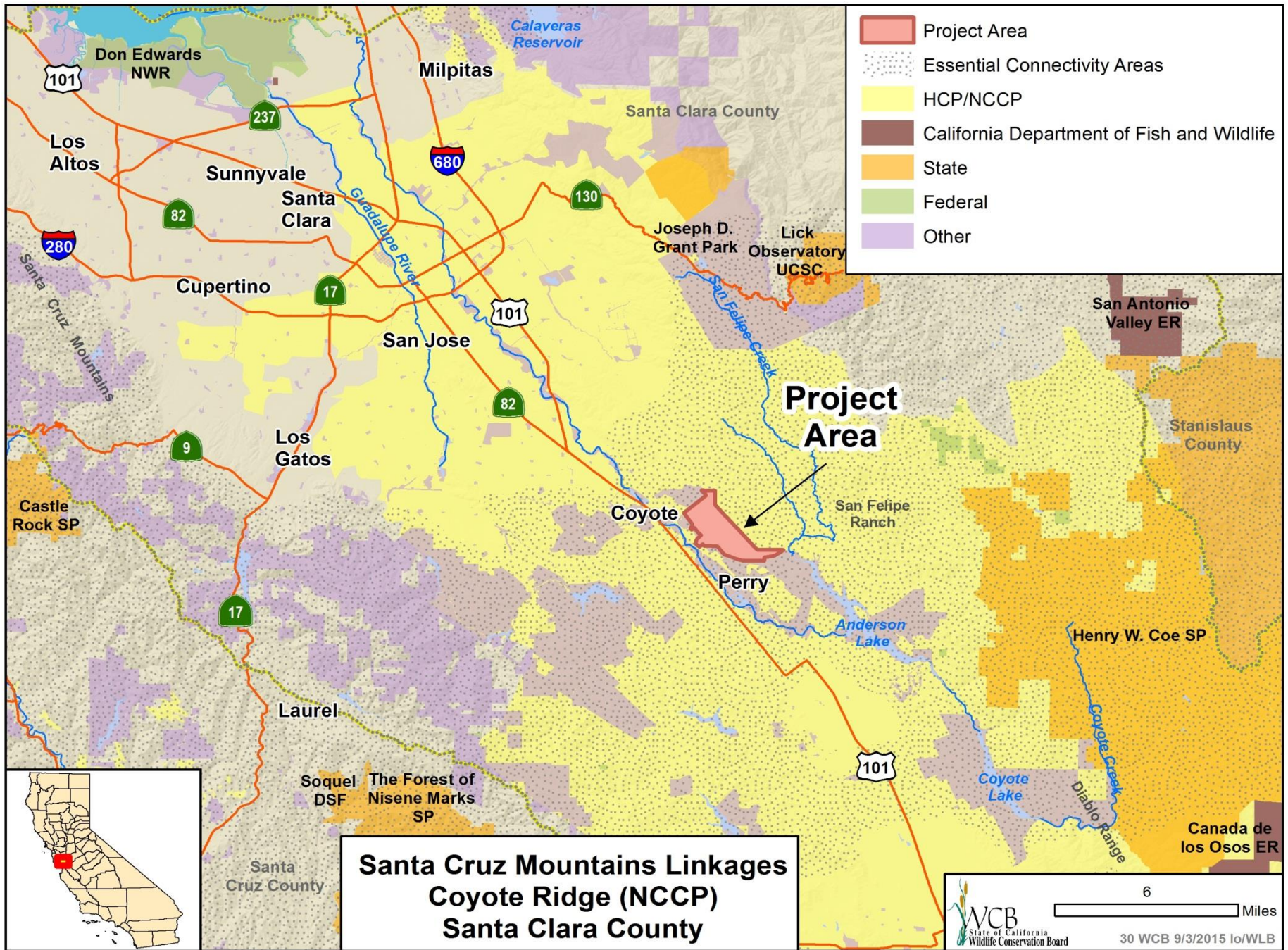


View of an ephemeral lake located in the upper elevations of the Property. Seasonally this feature provides a remote source of water for deer and other wildlife that occupy this area.

#29. Summers Meadow



View over upland sagebrush-bitterbrush habitats important to mule deer, coyote, grey fox and other wildlife. Monument Ridge (11,219 ft.) at right, and Dunderberg Peak (12,374 ft.) at center.



#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



Photo courtesy of Santa Clara Open Space Authority

Looking west from the UTC property across the Coyote Valley towards Loma Prieta and the Santa Cruz Mountains

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



Looking southwest on the property

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



Looking northwest on the property

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



Photo courtesy of Santa Clara Open Space Authority

Serpentine rock
outcrops among the
goldfields.

Serpentine rock outcrops among the goldfields

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)

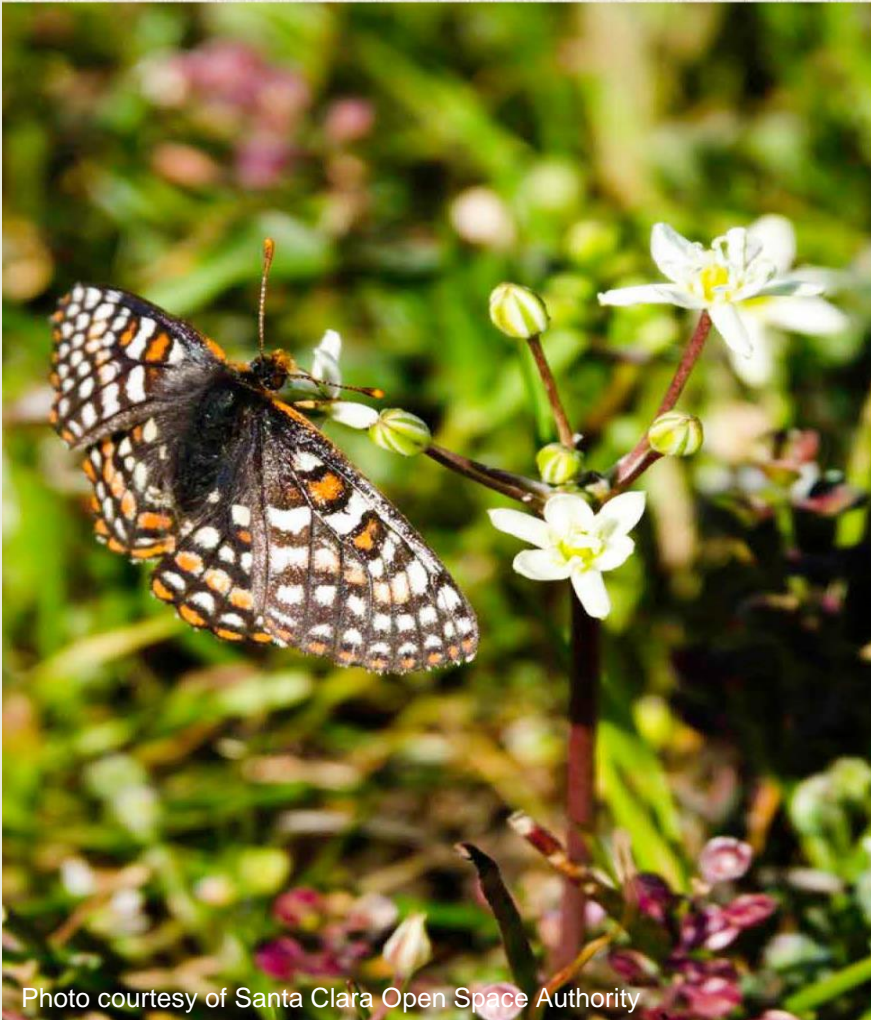


Photo courtesy of Santa Clara Open Space Authority

The UTC Coyote Ridge property provides essential habitat for the Bay checkerspot butterfly

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



A large herd of Tule Elk
roam the property.

Photo courtesy of Santa Clara Open Space Authority

A large herd of Tule Elk roam the property

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



The future route of the Bay Area Ridge Trail

#30. Santa Cruz Mountains Linkages, Coyote Ridge (NCCP)



Photo courtesy of Santa Clara Open Space Authority

Looking towards UTC from the Authority's 28-acre Malech Road property

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



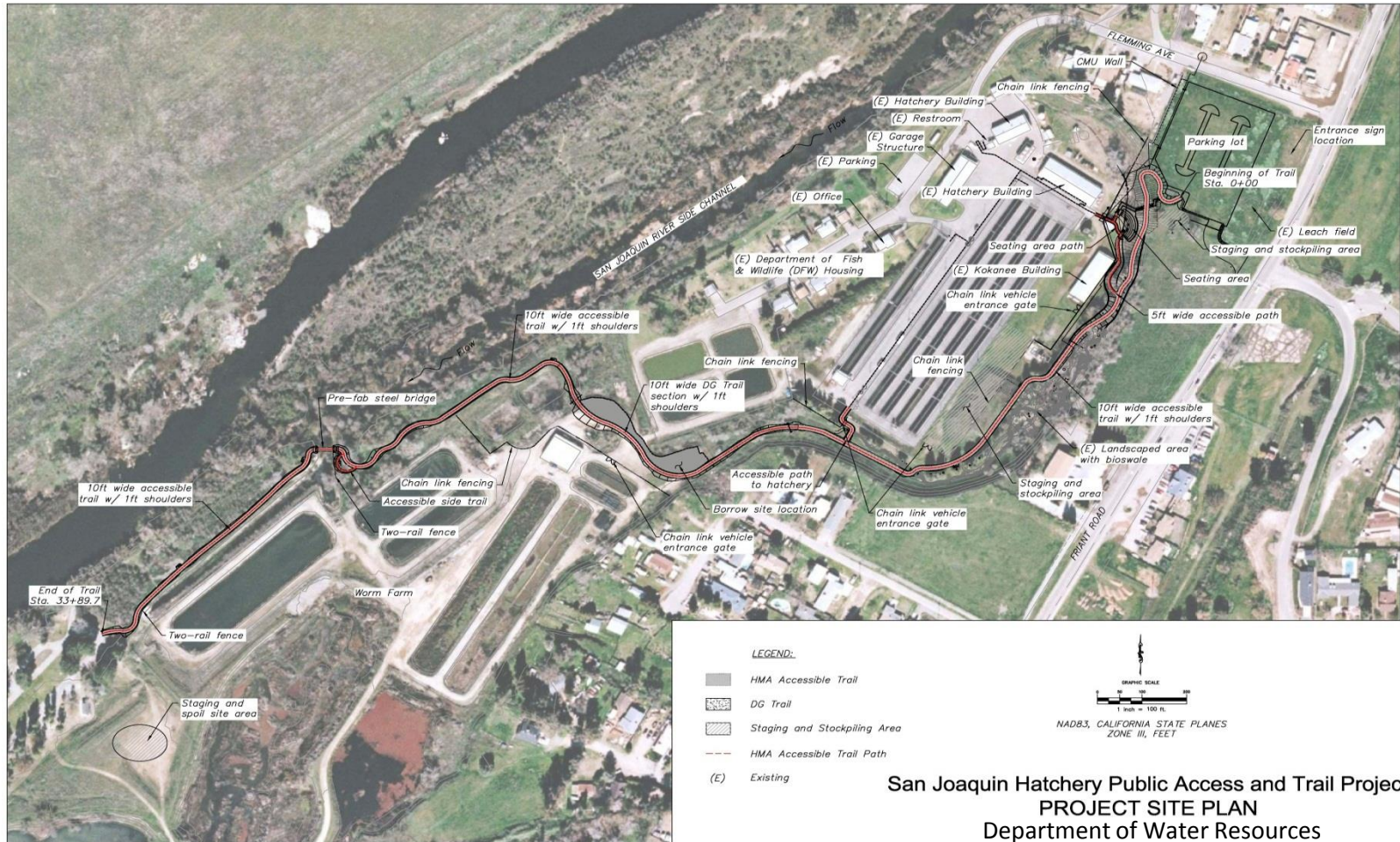
**San Joaquin River Parkway
San Joaquin Hatchery
Public Access and Trail Augmentation II
Fresno County**

#31. San Joaquin River Parkway, San Joaquin Hatchery Public Access And Trail, Augmentation II



Thousands visit the hatchery every year

#31. San Joaquin River Parkway, San Joaquin Hatchery Public Access And Trail, Augmentation II



#31. San Joaquin River Parkway, San Joaquin Hatchery Public Access And Trail, Augmentation II



Locations of proposed parking area (left) and pre-fabricated pedestrian bridge (right)

#31. San Joaquin River Parkway, San Joaquin Hatchery Public Access And Trail, Augmentation II

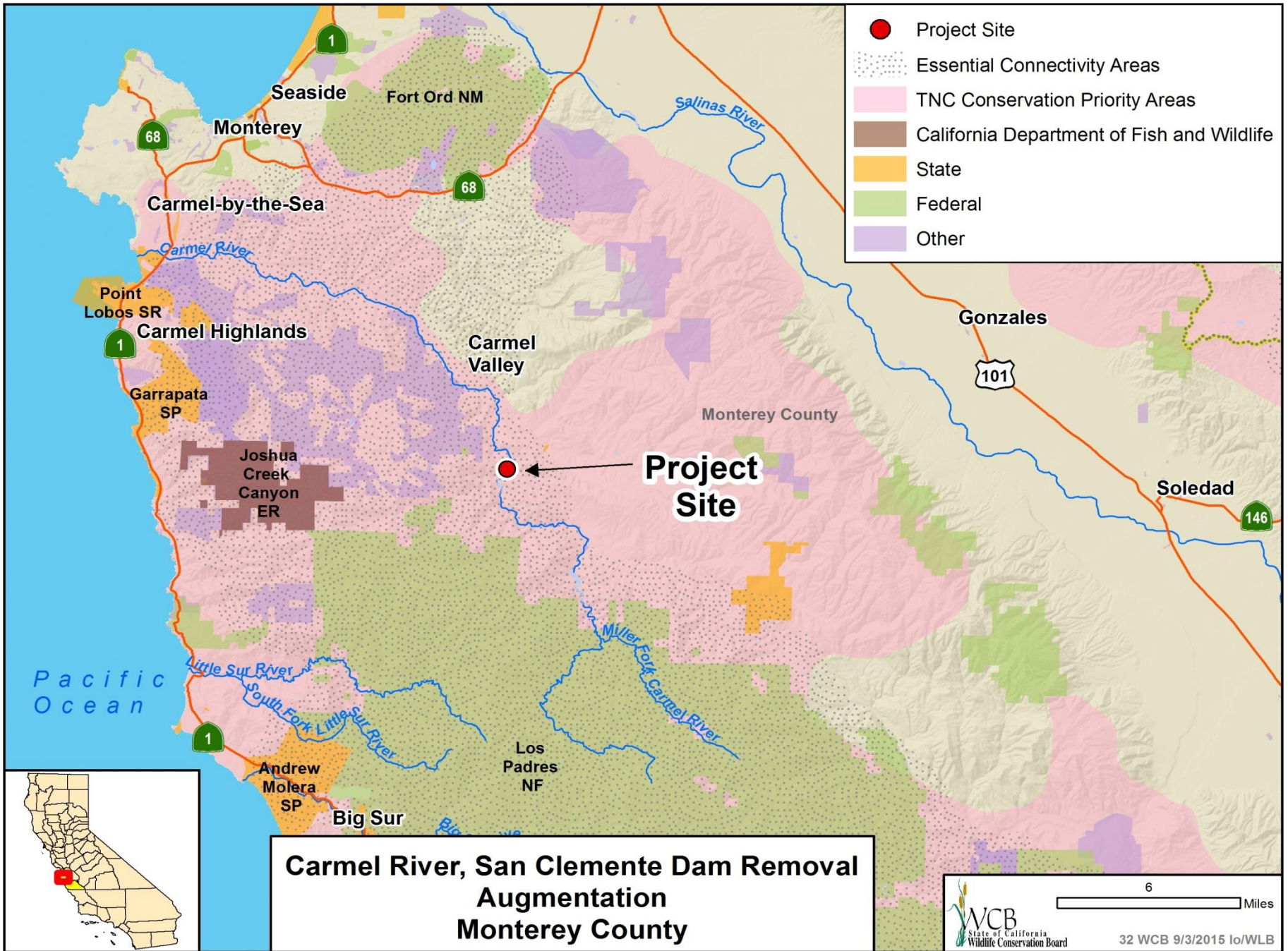


Picnic area and Small Fry Trail: Integration with other interpretive and recreational Hatchery projects

#31. San Joaquin River Parkway, San Joaquin Hatchery Public Access And Trail, Augmentation II



All project photos courtesy of C. Moxley, CDFW, Region 4



#32. Carmel River, San Clemente Dam Removal, Augmentation



Pre-project conditions (August 2013)

#32. Carmel River, San Clemente Dam Removal, Augmentation



At the start of 2015 construction season (April 2015). Reroute channel has been cut and diversion dike built. Sediment stockpile exists, but sediment is sorted in piles by size for construction during 2015. Stabilized sediment slope (SSS) is largely submerged by the reservoir, as is the combined flow reach.

#32. Carmel River, San Clemente Dam Removal, Augmentation



Sediment removal behind dam

#32. Carmel River, San Clemente Dam Removal, Augmentation



Stabilized sediment slope behind dam

#32. Carmel River, San Clemente Dam Removal, Augmentation



Reroute channel, October 2014

#32. Carmel River, San Clemente Dam Removal, Augmentation



Diversion dike, December 2014

#32. Carmel River, San Clemente Dam Removal, Augmentation



Construction of step pools for channel restoration

#32. Carmel River, San Clemente Dam Removal, Augmentation



Excavation at bottom of CFR and dam

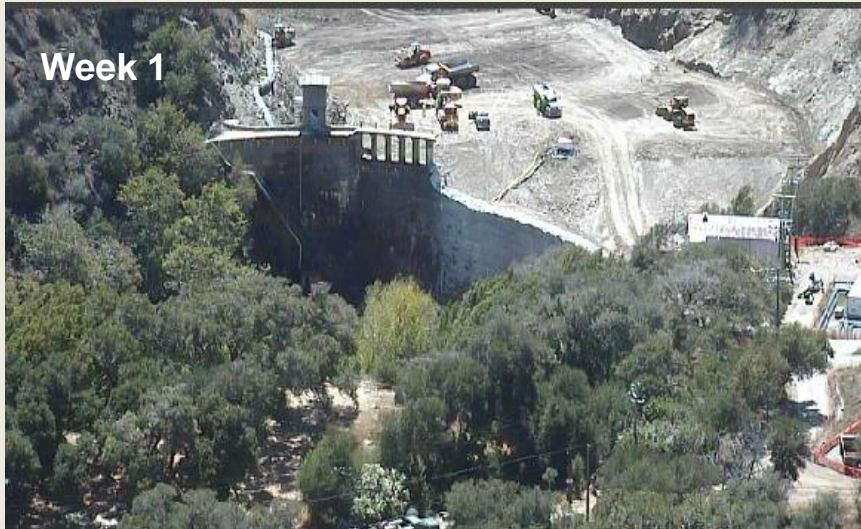
#32. Carmel River, San Clemente Dam Removal, Augmentation



Photo courtesy of Vern Fisher, Monterey Herald

San Clemente Dam demolition underway

#32. Carmel River, San Clemente Dam Removal, Augmentation



Week 1



Week 2



Week 3



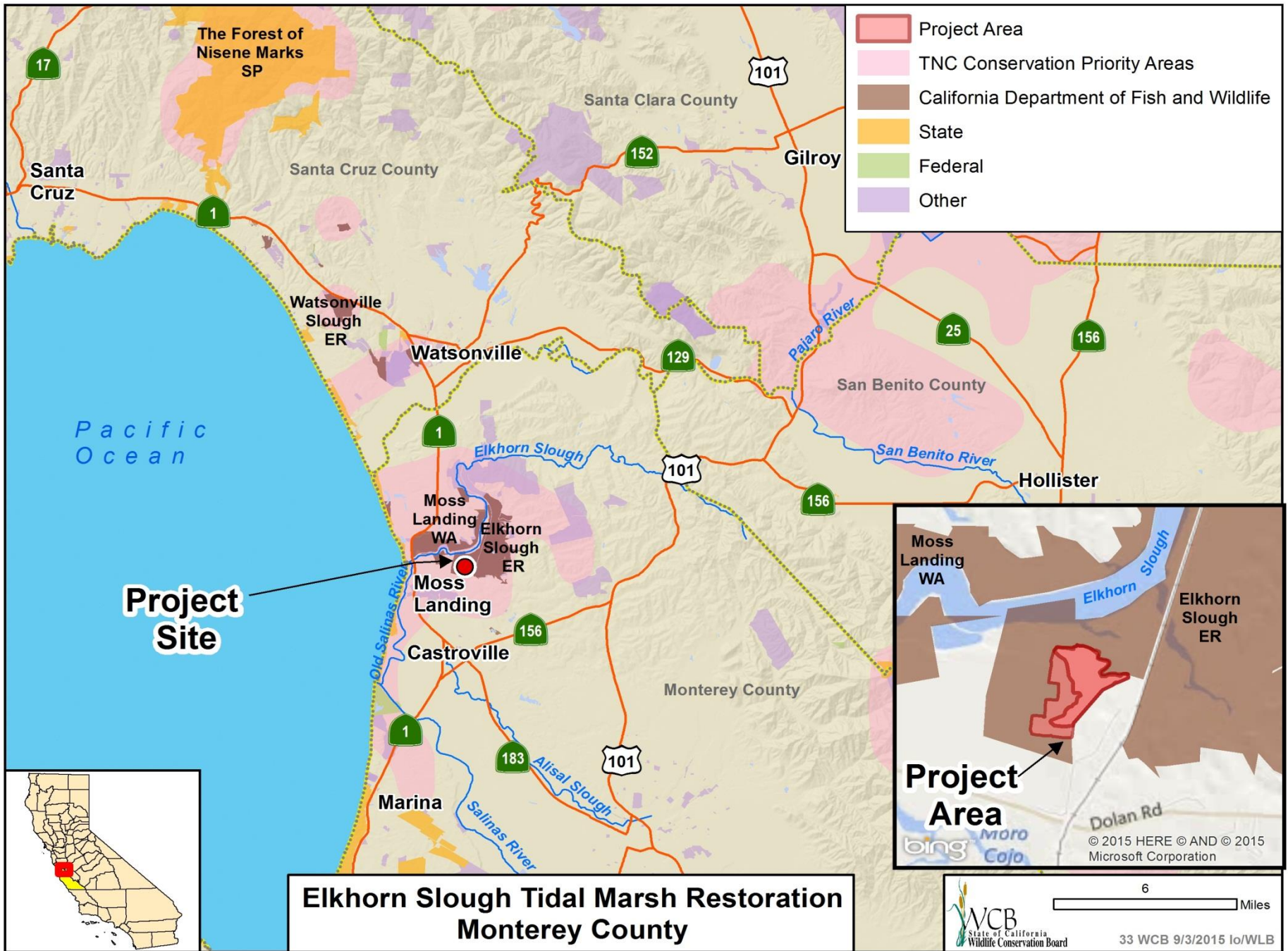
Week 4

Web Cam, August 2015

#32. Carmel River, San Clemente Dam Removal, Augmentation



www.sanclementedamremoval.org Sept. 1, 2015

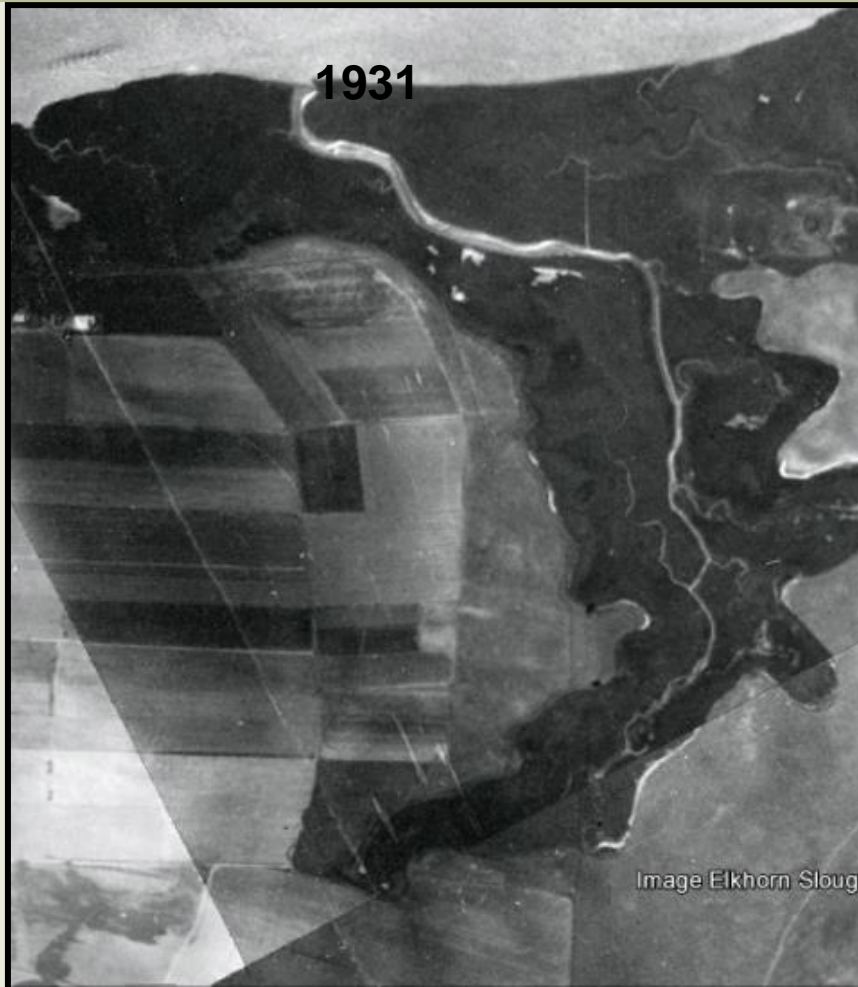


Project Site

Project Area

**Elkhorn Slough Tidal Marsh Restoration
Monterey County**

#33. Elkhorn Slough Tidal Marsh Restoration

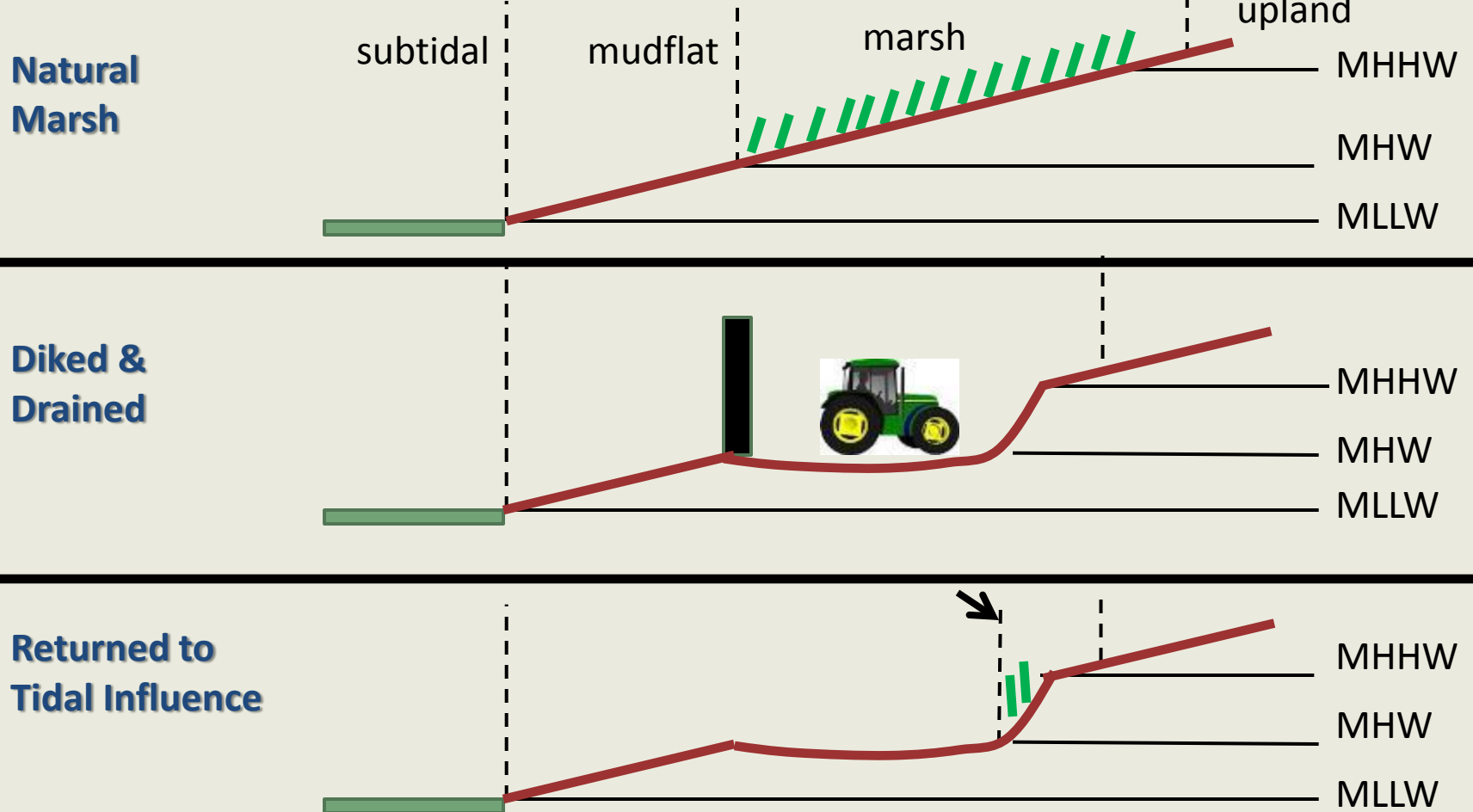


RESTORATION SITE – THEN AND NOW

#33. Elkhorn Slough Tidal Marsh Restoration



Subsidence: shift downward relative to sea-level



#33. Elkhorn Slough Tidal Marsh Restoration



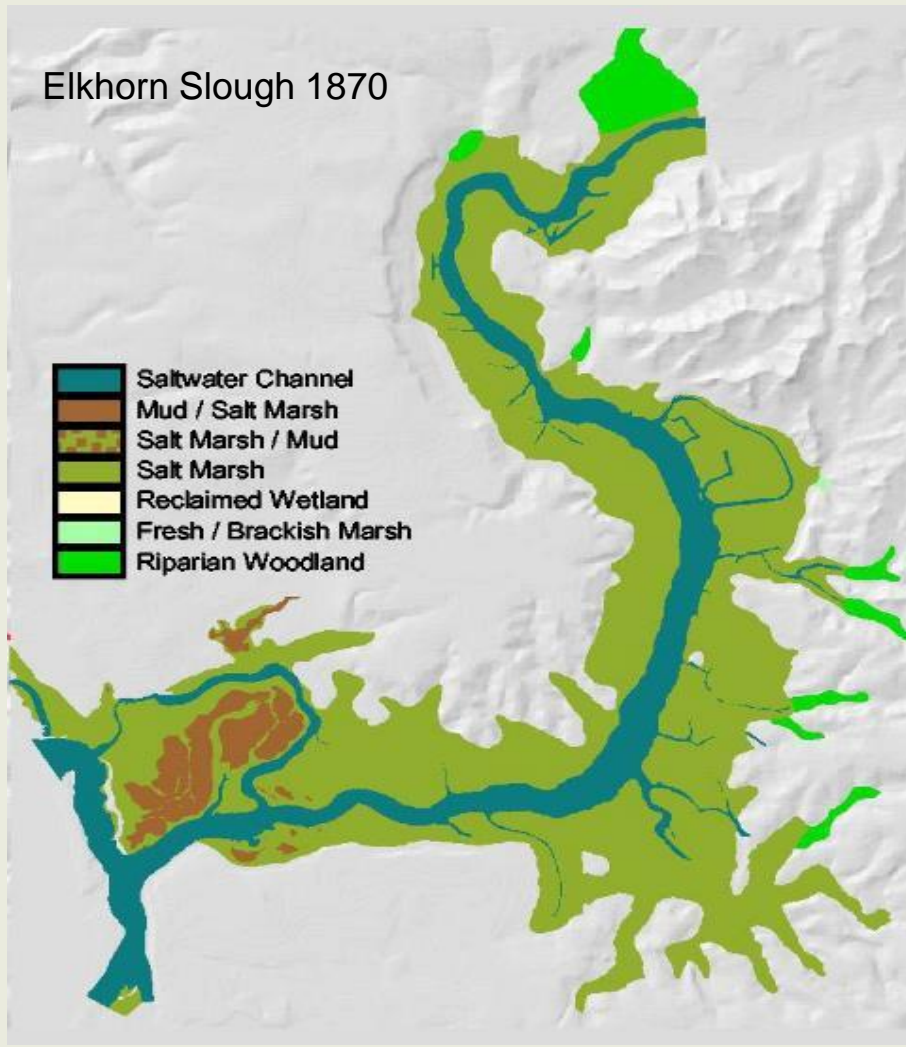
Photo courtesy of: Bryan Largay

Seal Bend Restoration area, breached in the 80's

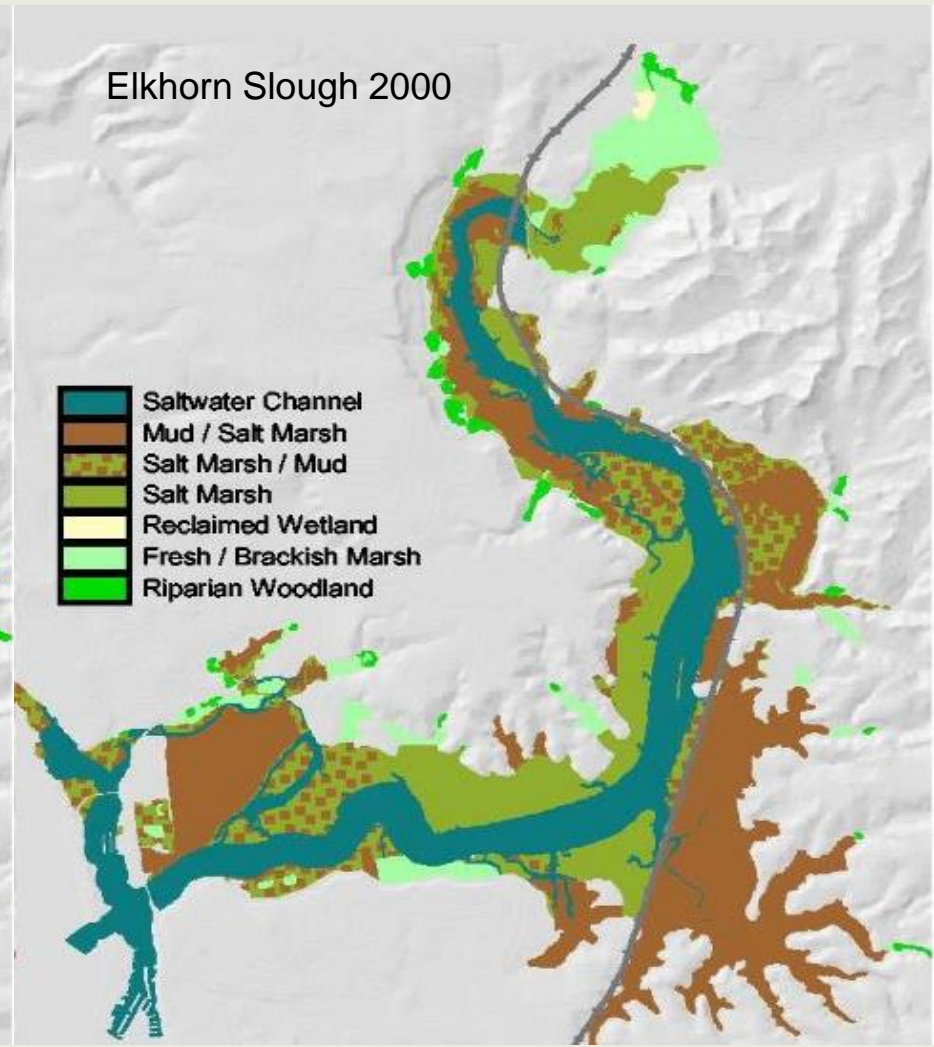
#33. Elkhorn Slough Tidal Marsh Restoration



Elkhorn Slough 1870



Elkhorn Slough 2000

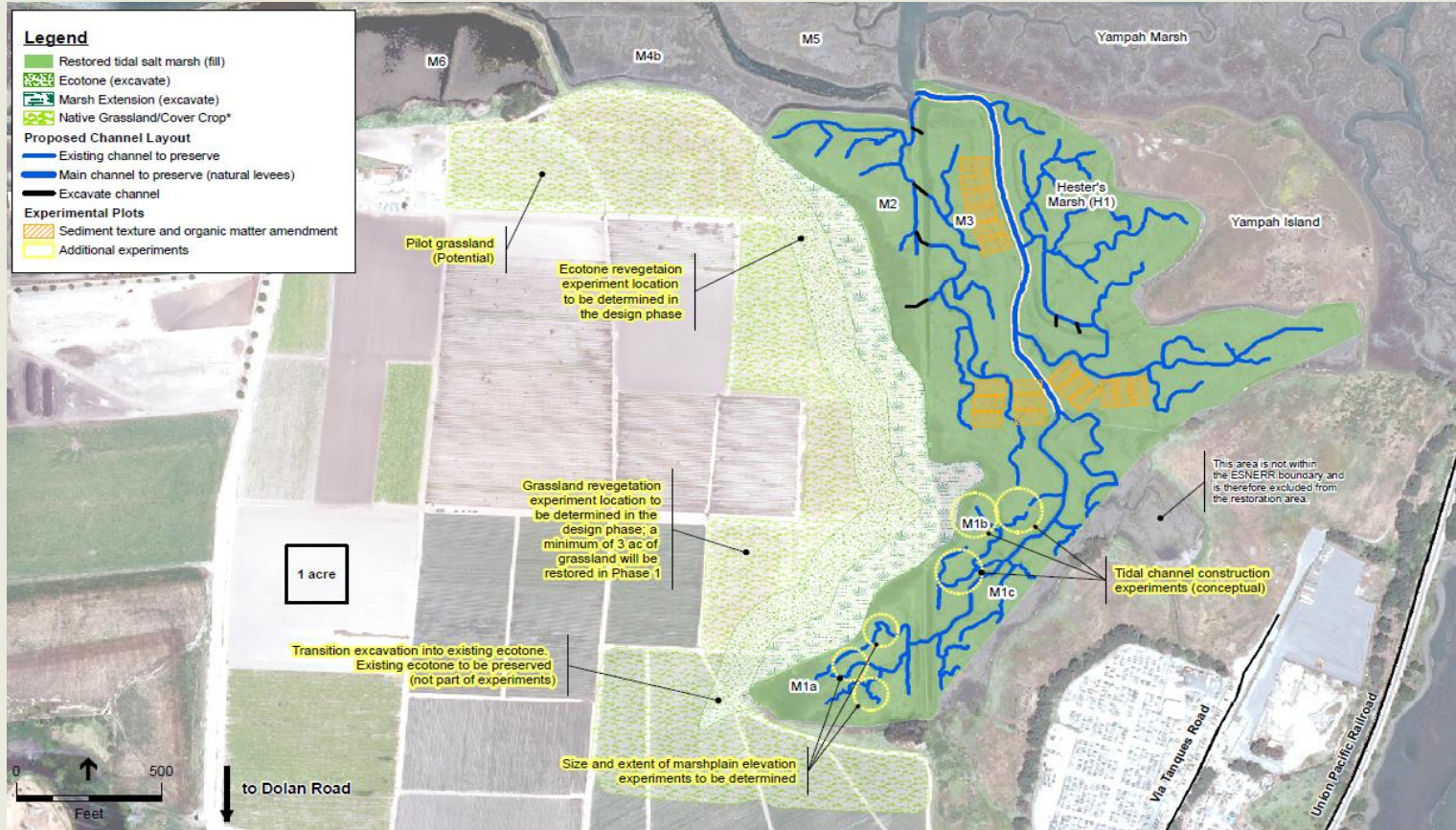


#33. Elkhorn Slough Tidal Marsh Restoration



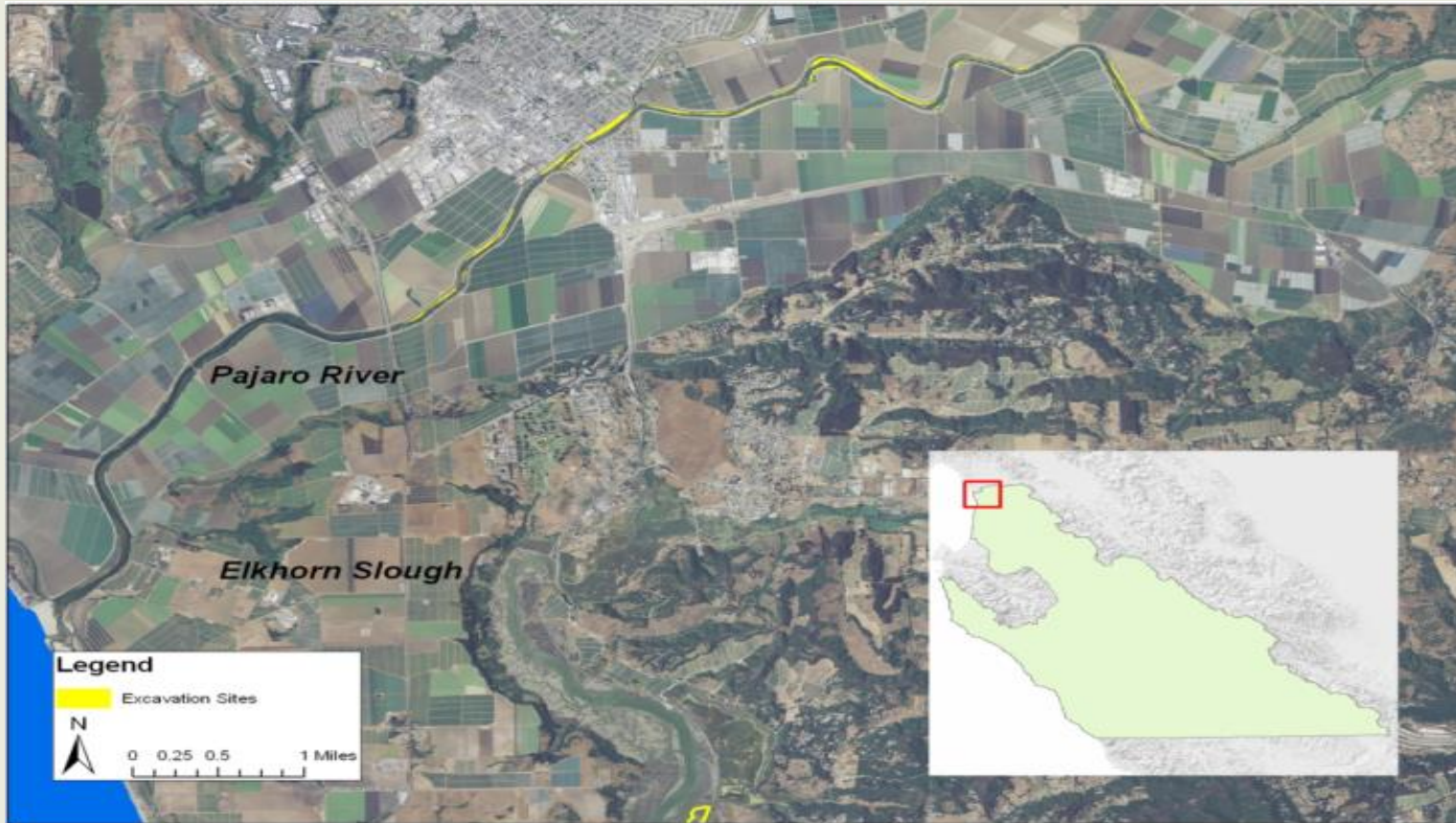
Tidal Marsh Restoration Site

#33. Elkhorn Slough Tidal Marsh Restoration



Proposed Tidal Marsh Restoration

#33. Elkhorn Slough Tidal Marsh Restoration



Sediment Source Site

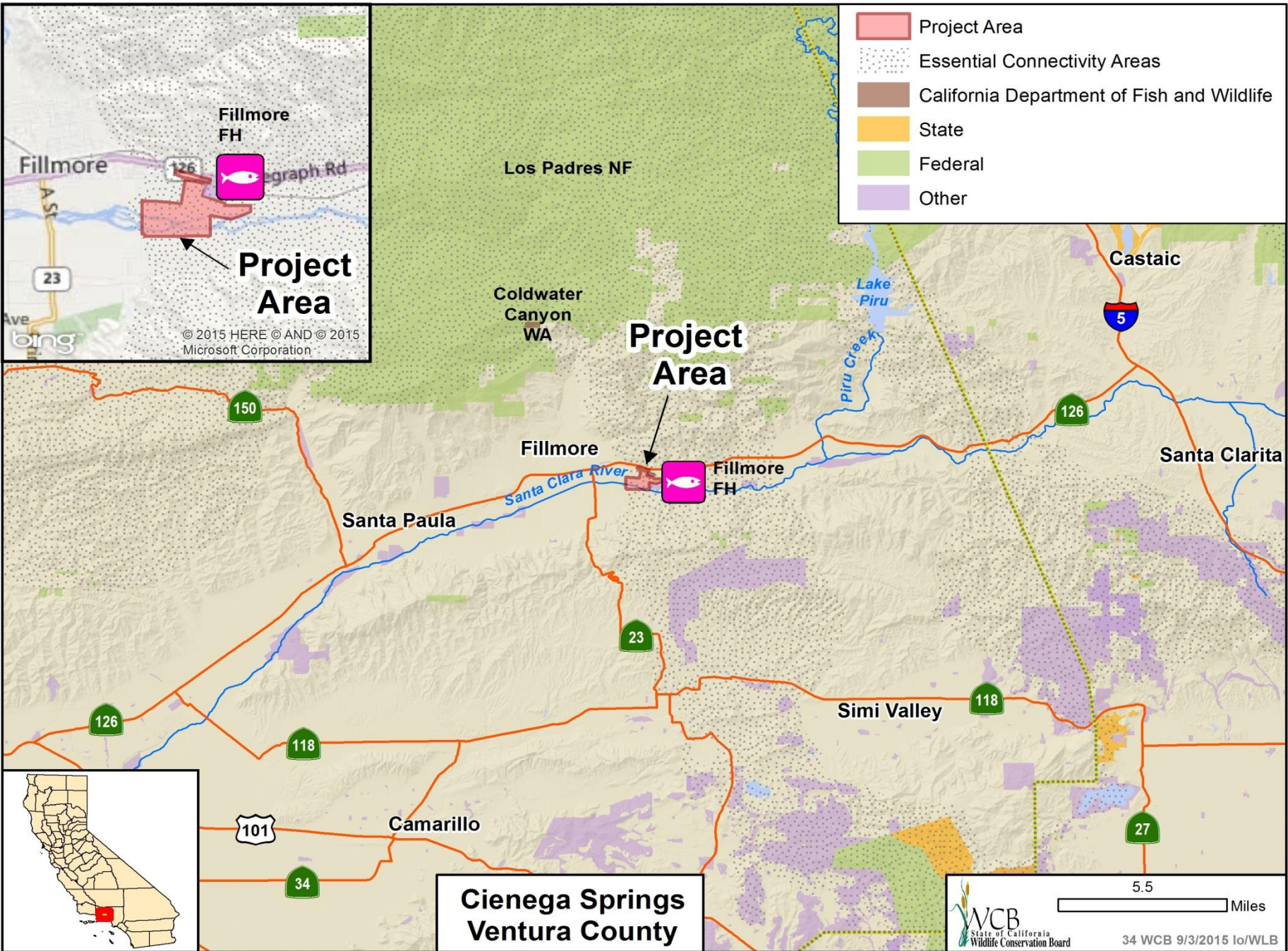
#33. Elkhorn Slough Tidal Marsh Restoration



Sediment Staging


#33. Elkhorn Slough Tidal Marsh Restoration

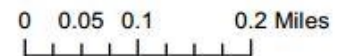






Ken Devore 2014
 cienega_springs.mxd
 Region 5 DFW

 Cienega Springs LAE - Priority for Phase 1 Aquisition



#34. Cienega Springs



View along the westerly property line looking towards Oak Ridge and South Mountain

#34. Cienega Springs



View from the northwest corner of the property

#34. Cienega Springs



Northeasterly view with State Route 126 in the background

#34. Cienega Springs




View towards Oak Ridge in the background

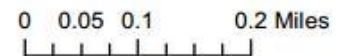
#34. Cienega Springs

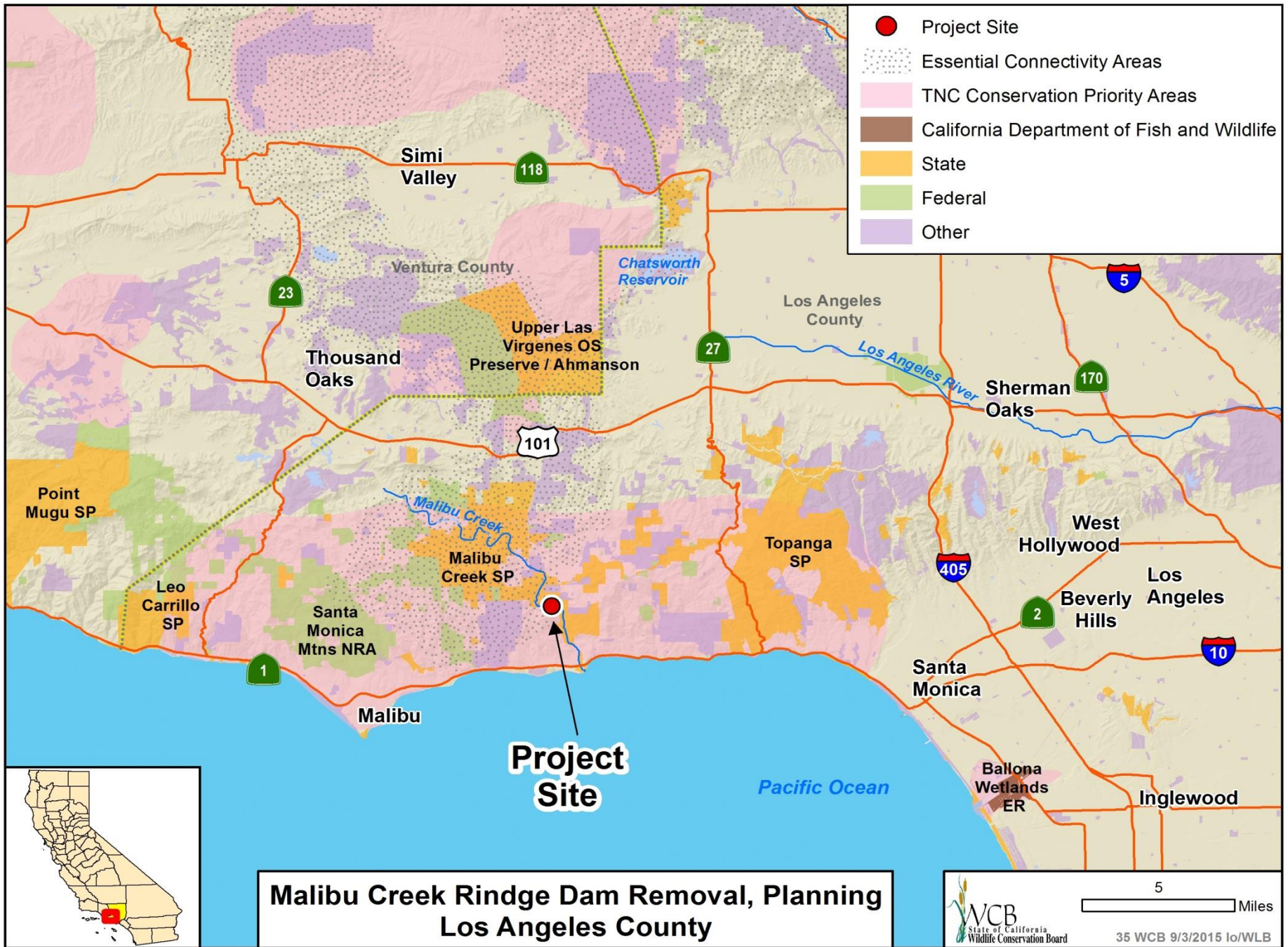




Ken Devore 2014
 cienega_springs.mxd
 Region 5 DFW

 Cienega Springs LAE - Priority for Phase 1 Aquisition





#35. Malibu Creek Rindge Dam Removal, Planning



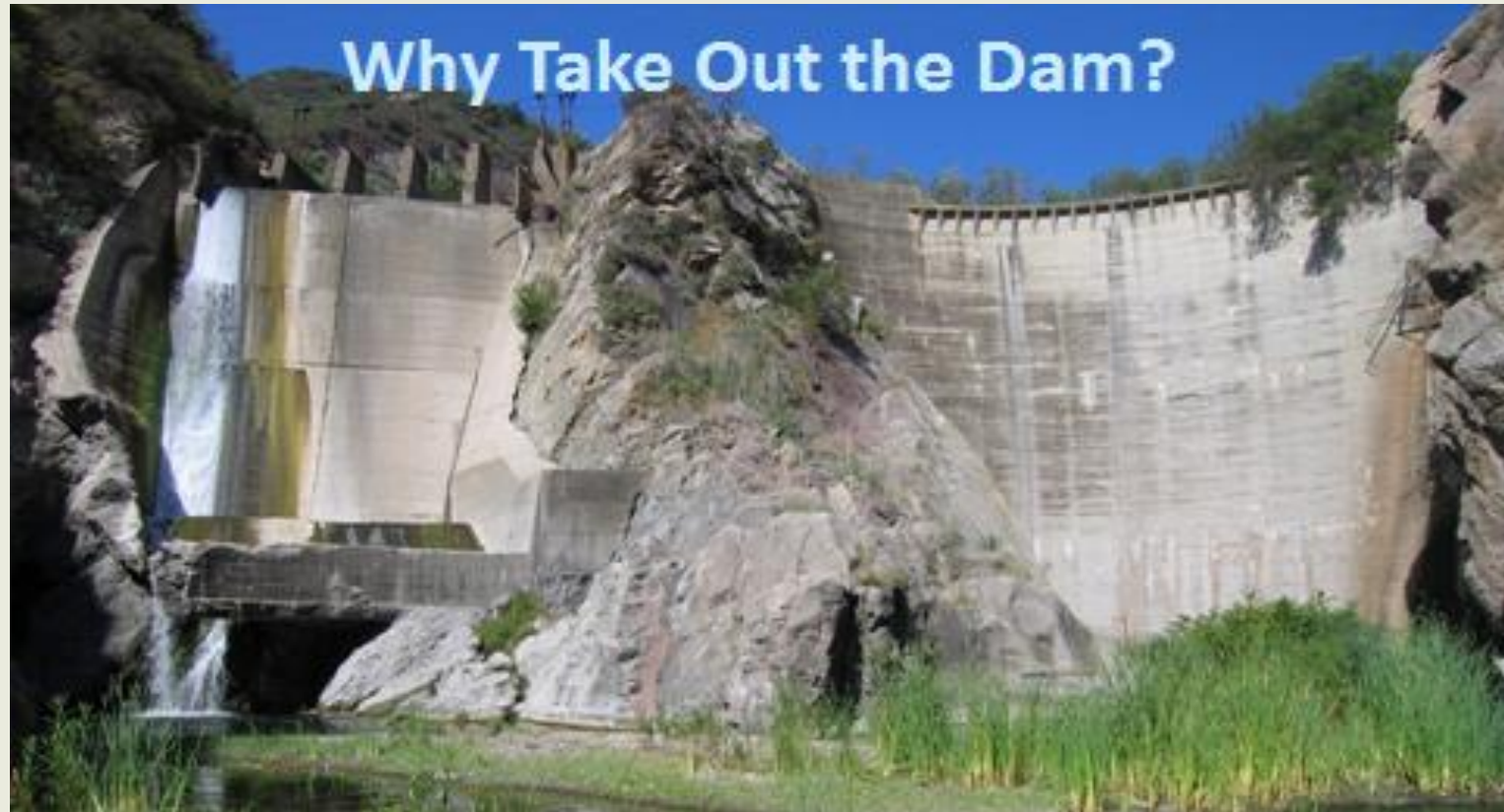
Photo courtesy of the Haggarty Family

#35. Malibu Creek Rindge Dam Removal, Planning



Rindge Dam spillway. Reservoir is completely filled with sediment

#35. Malibu Creek Rindge Dam Removal, Planning

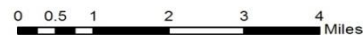


Reconnecting natural waterways and improve public safety

#35. Malibu Creek Rindge Dam Removal, Planning



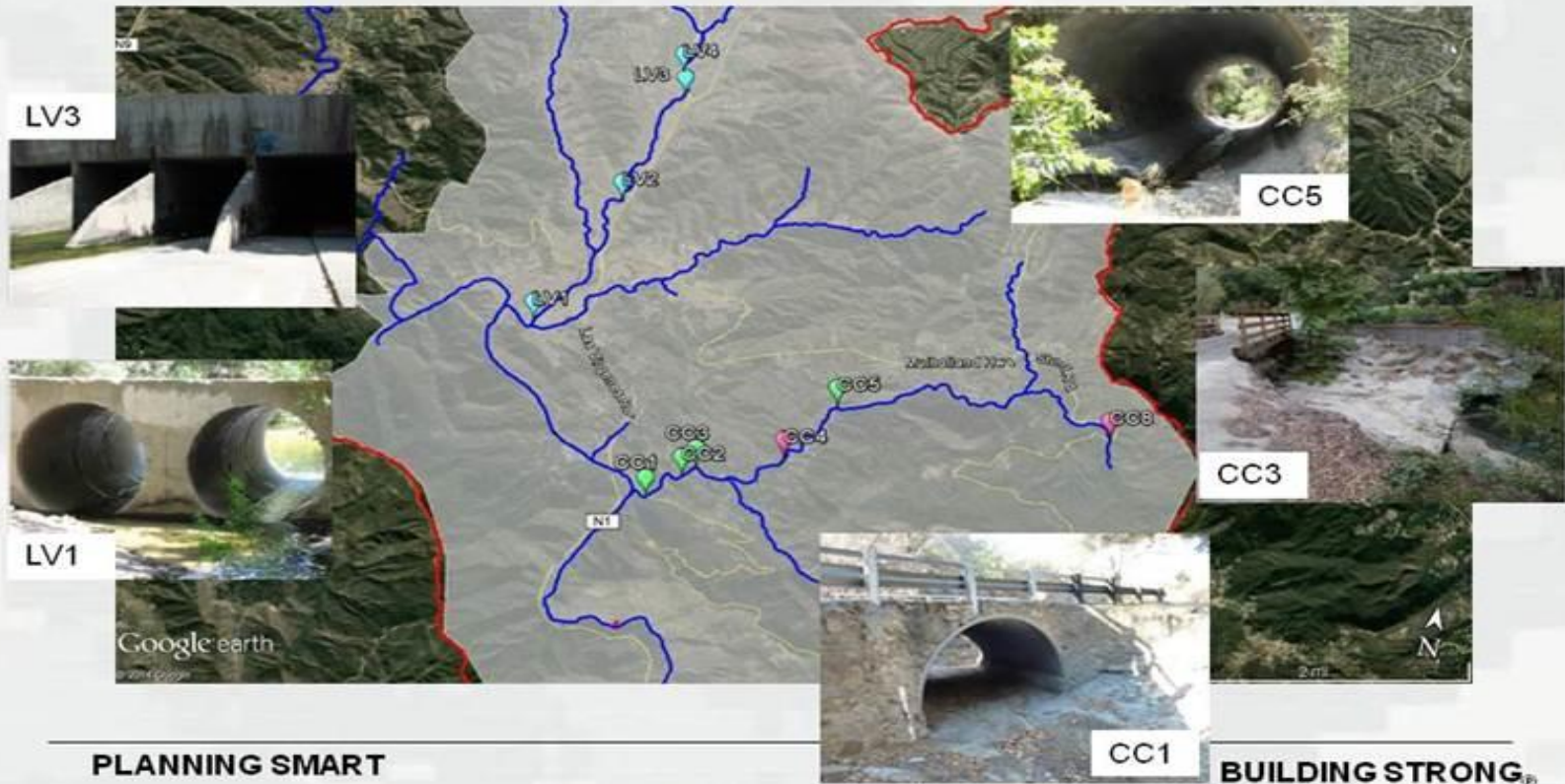
Stream Accesible with Dam and Barriers Removed



#35. Malibu Creek Rindge Dam Removal, Planning



Upstream Barriers: Las Virgenes & Cold Creeks



#35. Malibu Creek Rindge Dam Removal, Planning



Photo courtesy of Michael Weir, Caltrout

Rindge Dam

#35. Malibu Creek Rindge Dam Removal, Planning



Photo courtesy of Michael Weir, Imagery courtesy of Nikki O'Connor, Persechini and Company

Virtual image: anticipated deconstruction

#35. Malibu Creek Rindge Dam Removal, Planning

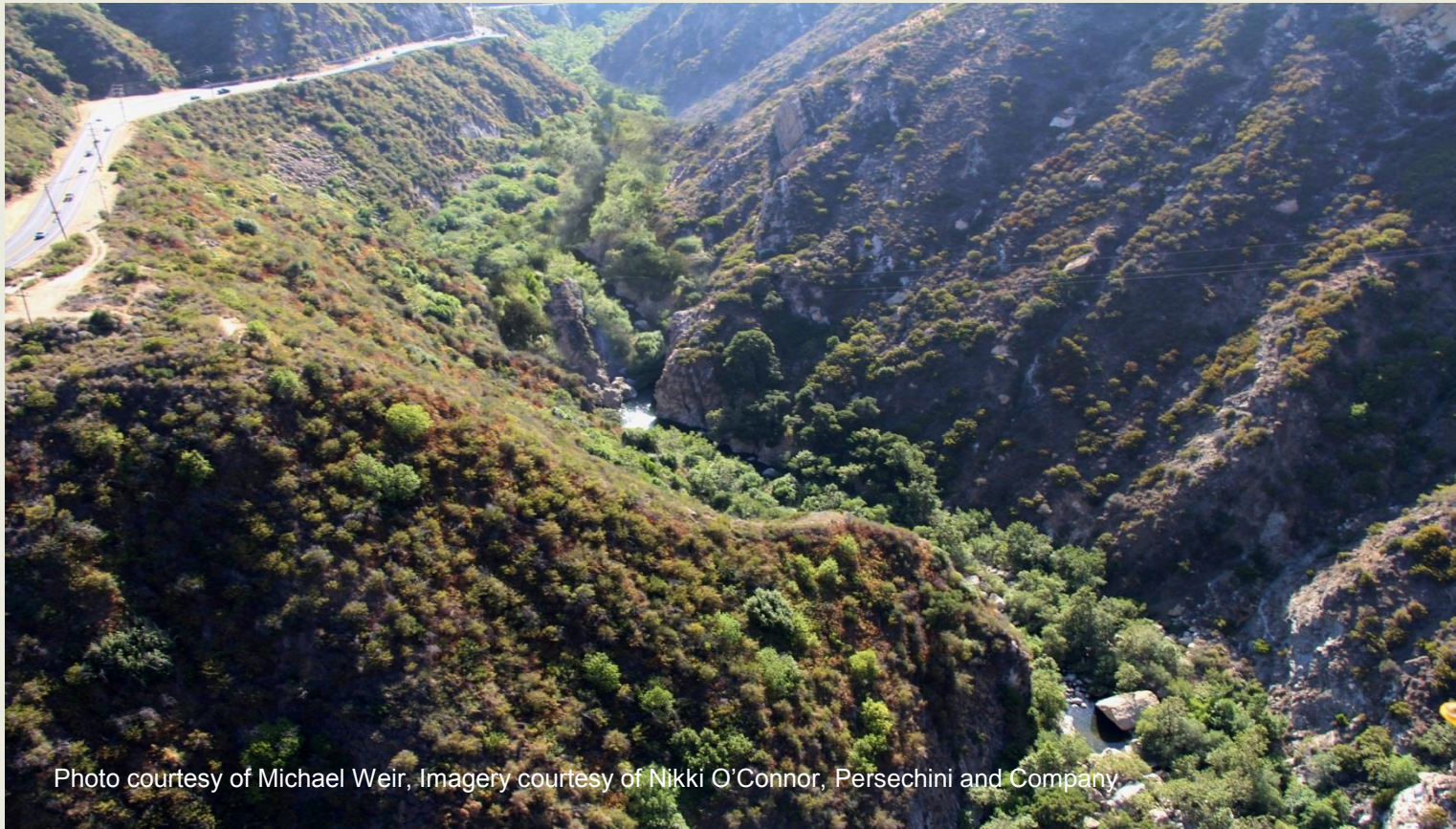
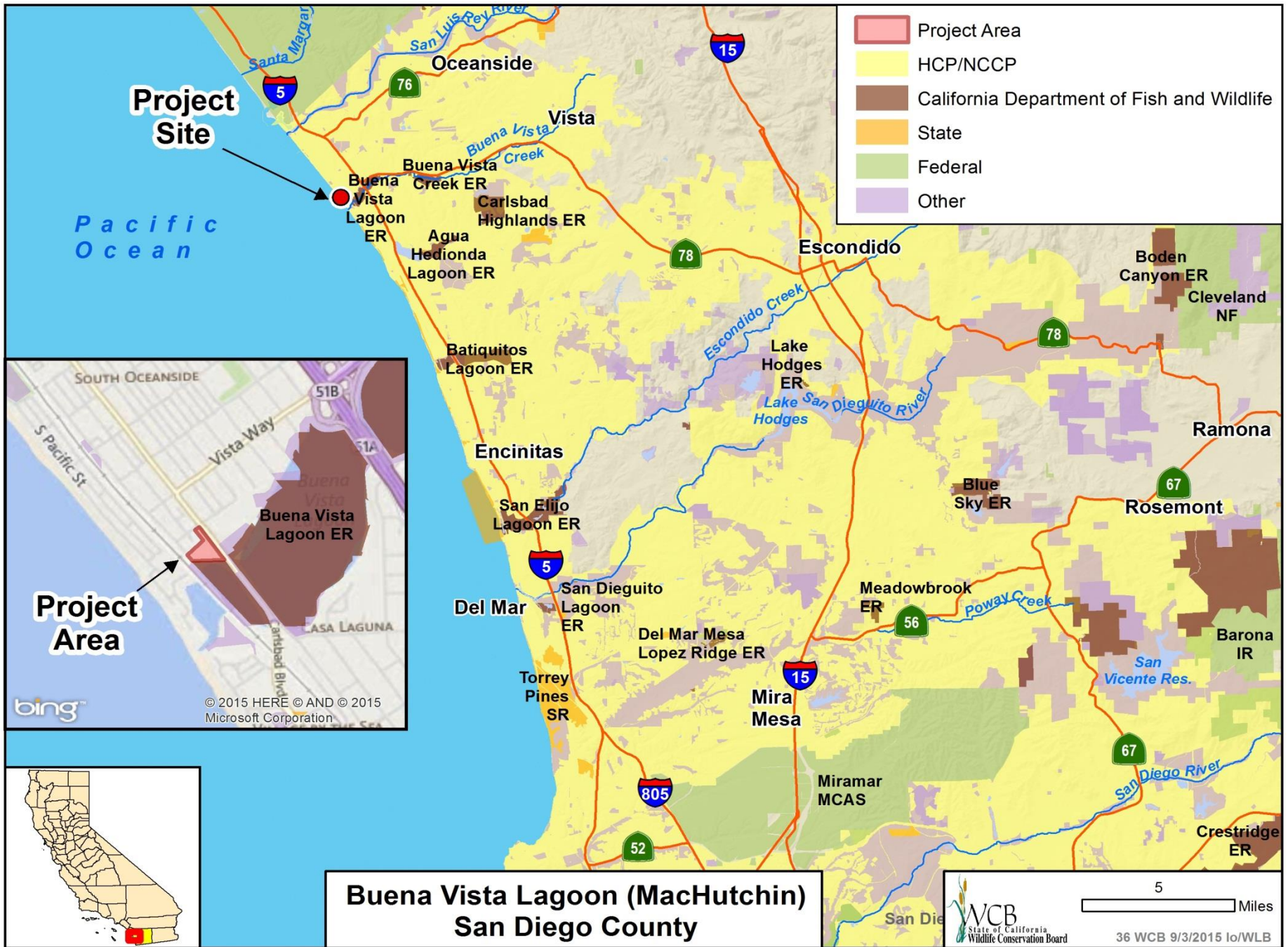


Photo courtesy of Michael Weir, Imagery courtesy of Nikki O'Connor, Persechini and Company.

Virtual Image: Objective



bing

© 2015 HERE © AND © 2015 Microsoft Corporation



WCB
State of California
Wildlife Conservation Board

5 Miles

36 WCB 9/3/2015 lo/WLB

#36. Buena Vista Lagoon (Machutchin)



Paths and trails on property

#36. Buena Vista Lagoon (Machutchin)



Looking back on the lagoon

#36. Buena Vista Lagoon (Machutchin)



Invasive species dominating the landscape

#36. Buena Vista Lagoon (Machutchin)



Habitat area of potential development

#36. Buena Vista Lagoon (Machutchin)



Overview of Ecological Reserve from property