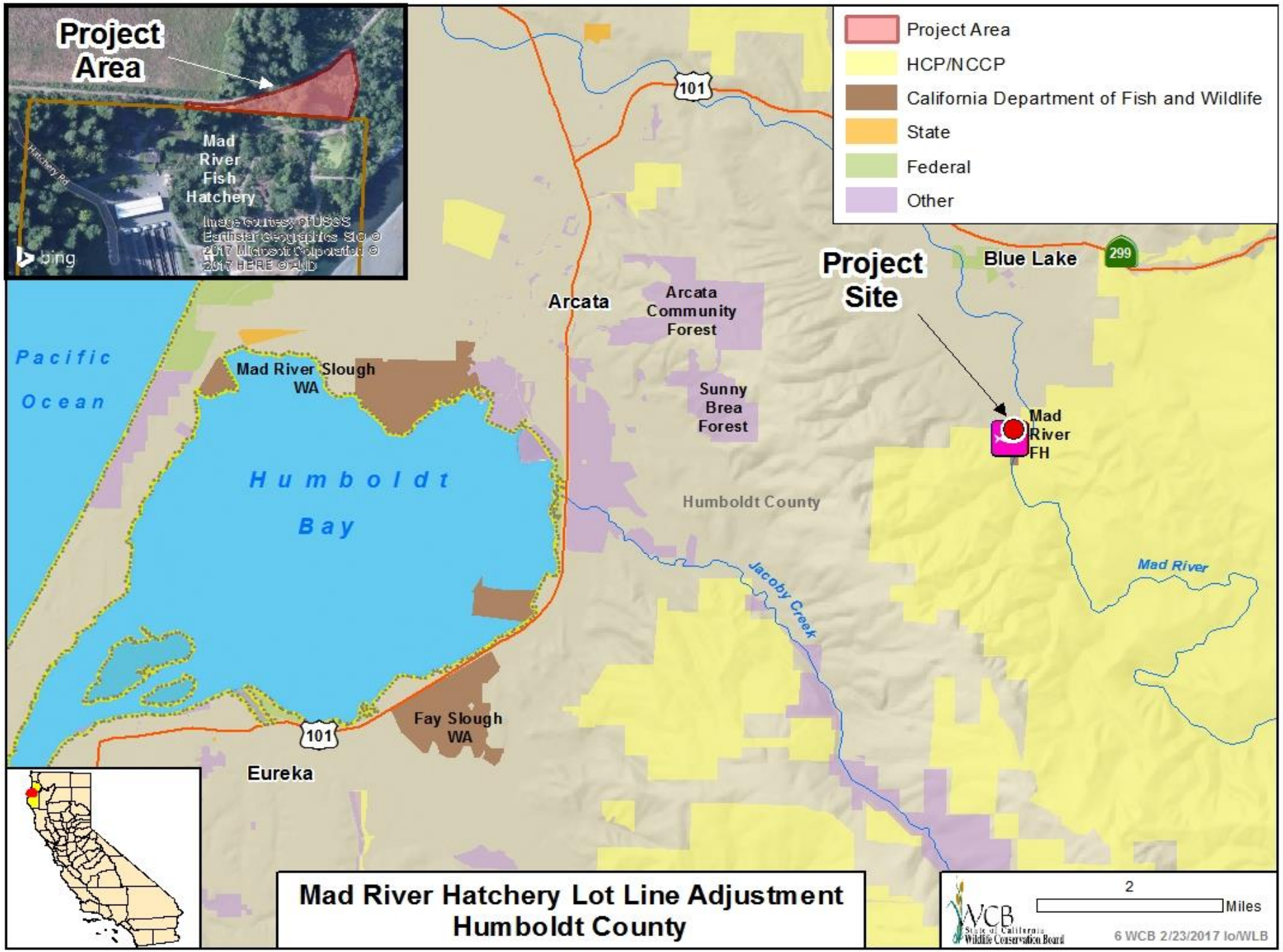

Wildlife Conservation Board Meeting
February 23, 2017, 10:00am
State Capitol, Room 112
Sacramento, California 95814


Project Area
Mad River Fish Hatchery
Image courtesy of USGS
Earthstar Geographics SIO © 2017 Microsoft Corporation © 2017 HERE © AND
bing
Project Area
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
101
Arcata
Arcata Community Forest
Project Site
Blue Lake
299
Pacific Ocean
Mad River Slough WA
Sunny Brea Forest
Mad River FH
Humboldt Bay
Humboldt County
Jacoby Creek
Mad River
Fay Slough WA
101
Eureka
Mad River Hatchery Lot Line Adjustment
Humboldt County
2
Miles
WCB State of California Wildlife Conservation Board
6 WCB 2/23/2017 lo/WLB

#6. Mad River Hatchery Lot Line Adjustment

Entrance to Hatchery

#6. Mad River Hatchery Lot Line Adjustment

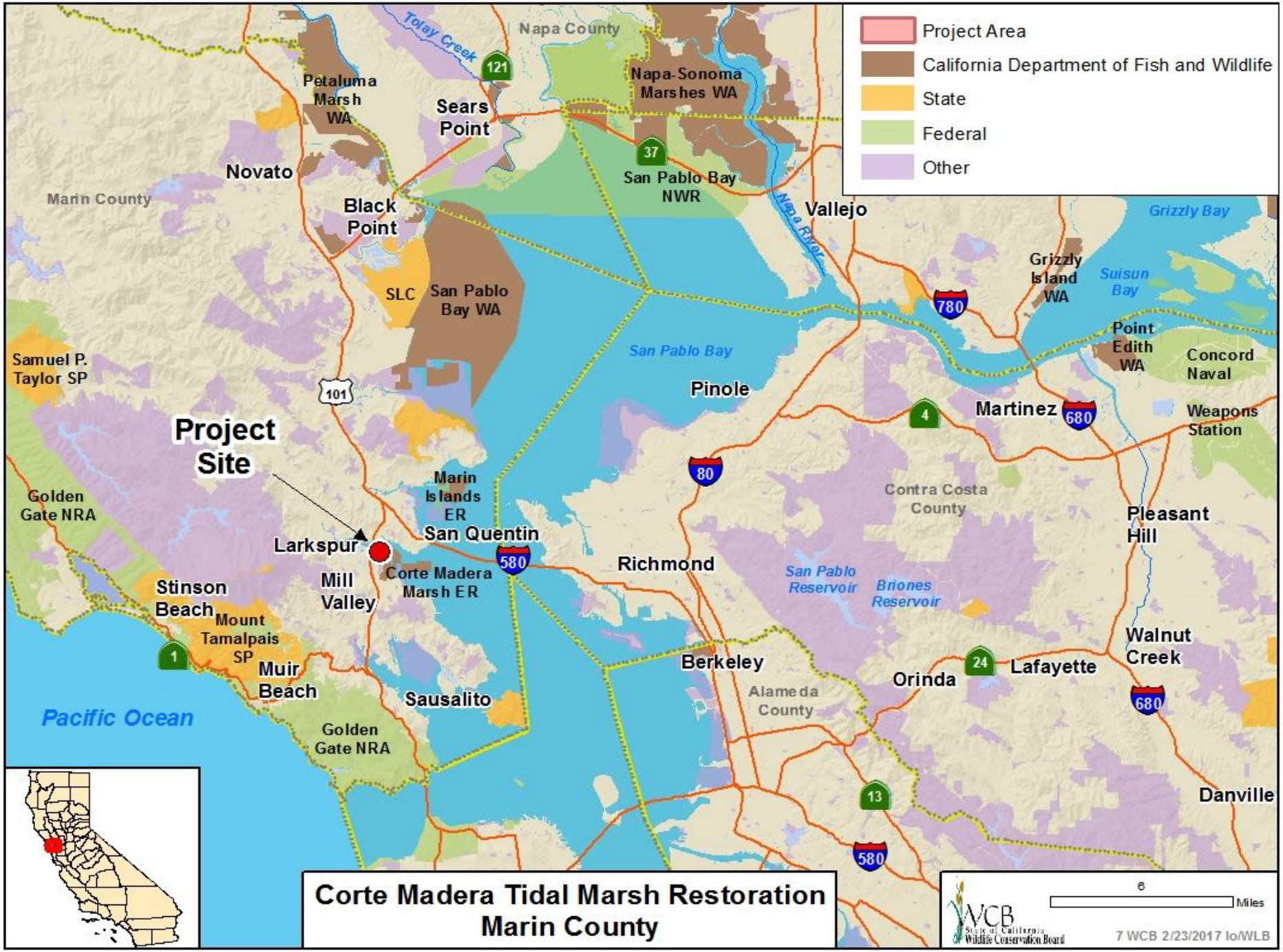
Mad River Fish Ladder

#6. Mad River Hatchery Lot Line Adjustment

Chinook Salmon

#6. Mad River Hatchery Lot Line Adjustment

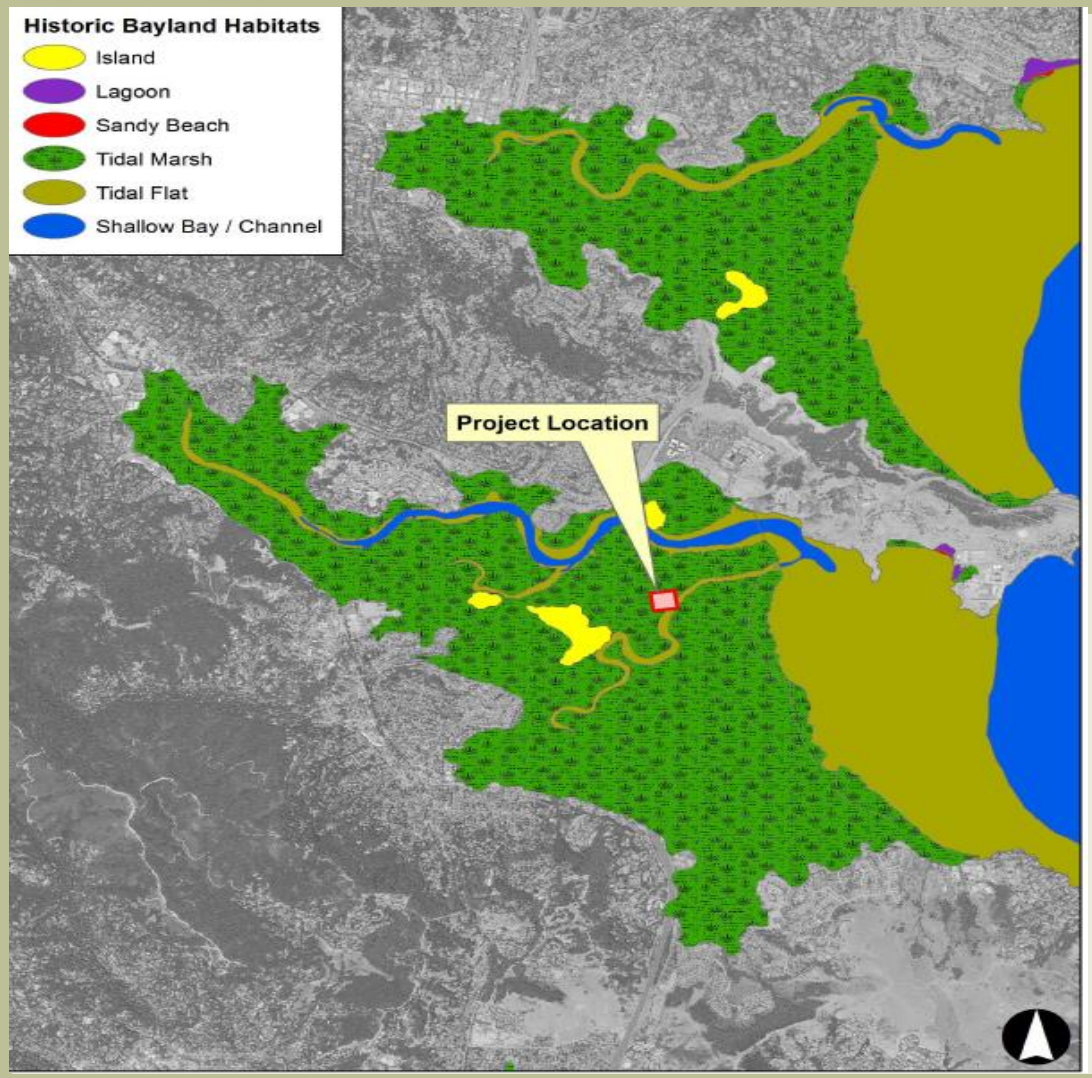
Hatchery Raceways


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Tolay Creek
Napa County
Petaluma Marsh WA
Sears Point
Napa-Sonoma Marshes WA
Novato
San Pablo Bay NWR
Marin County
Black Point
Napa River
Vallejo
Grizzly Bay
Grizzly Island WA
Suisun Bay
SLC
San Pablo Bay WA
Point Edith WA
Concord Naval Weapons Station
Samuel P. Taylor SP
San Pablo Bay
Pinole
Martinez
Project Site
Marin Islands ER
Golden Gate NRA
Contra Costa County
Pleasant Hill
Larkspur
San Quentin
Corte Madera Marsh ER
Richmond
San Pablo Reservoir
Briones Reservoir
Stinson Beach
Mill Valley
Mount Tamalpais SP
Walnut Creek
Berkeley
Orinda
Lafayette
Muir Beach
Sausalito
Alameda County
Pacific Ocean
Golden Gate NRA
Danville
Corte Madera Tidal Marsh Restoration
Marin County
6
Miles
WCB State of California Wildlife Conservation Board
7 WCB 2/23/2017 lo/WLB

#7. Corte Madera Tidal Marsh Restoration

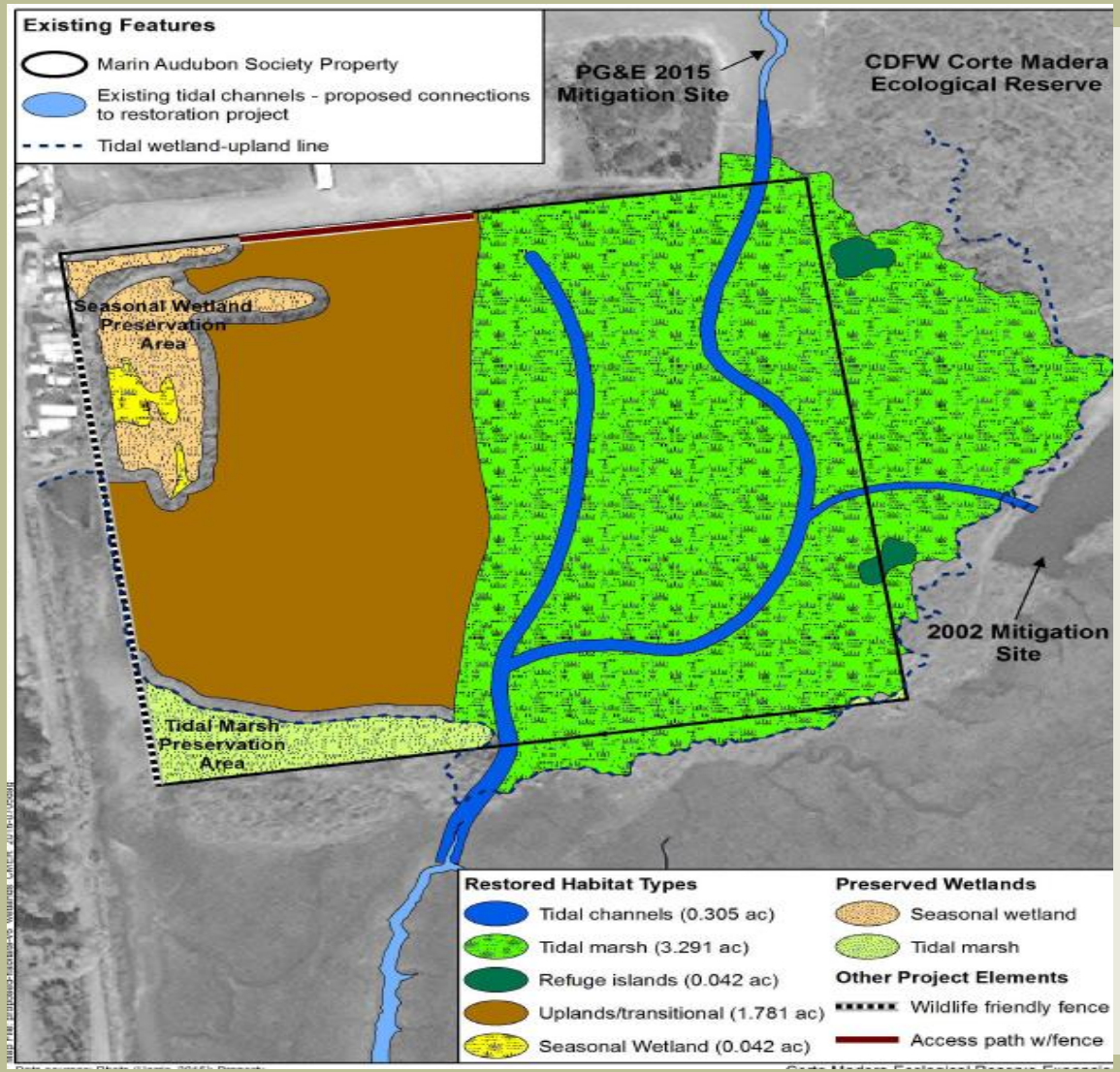
Aerial view of project area

#7. Corte Madera Tidal Marsh Restoration



Historic Bayland Habitats

#7. Corte Madera Tidal Marsh Restoration



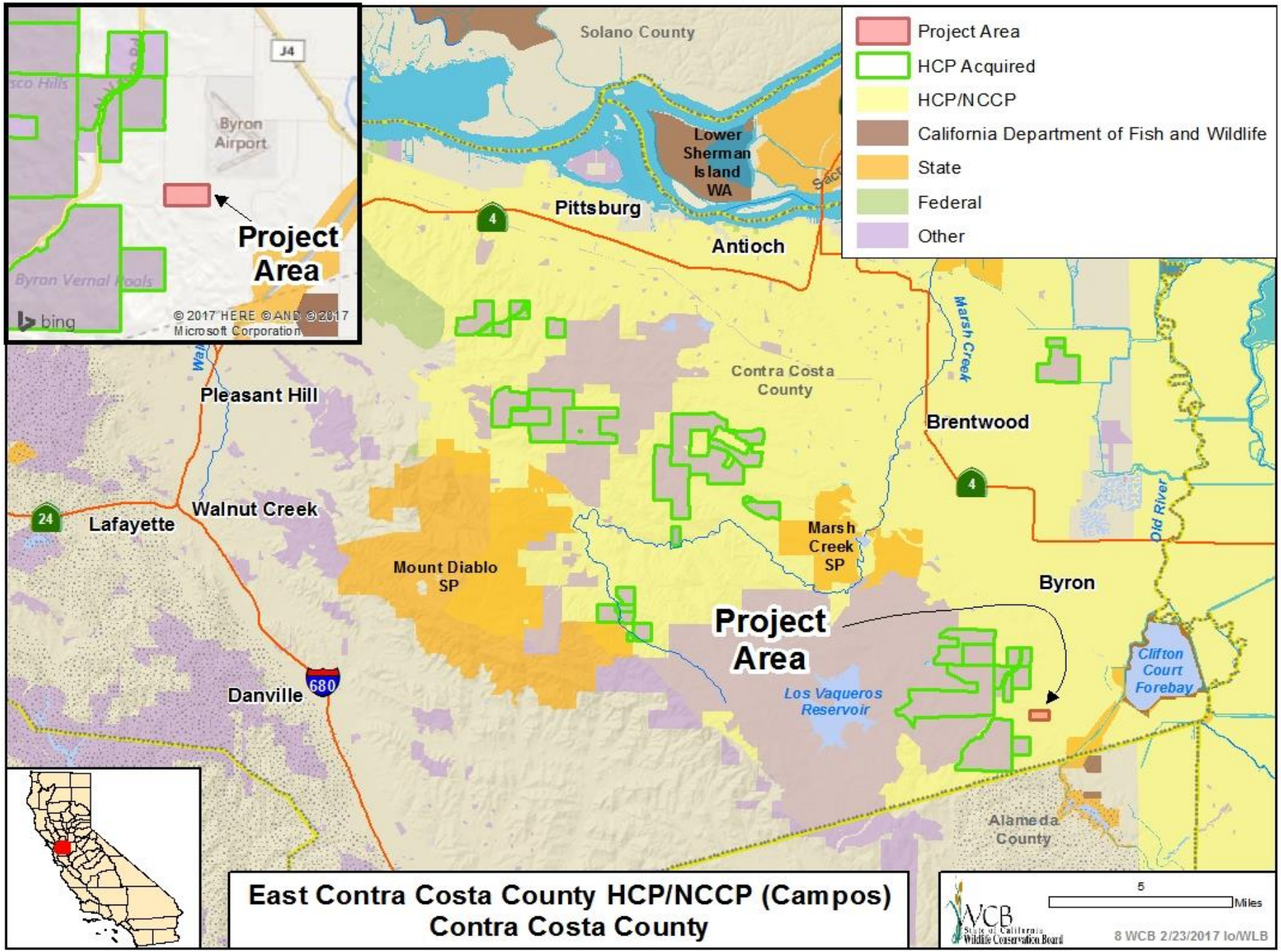
Post restoration habitat types

#7. Corte Madera Tidal Marsh Restoration

Asphalt pile will be removed from property

#7. Corte Madera Tidal Marsh Restoration

Current condition of project site


Project Area
HCP Acquired
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
Solano County
Lower Sherman Island WA
Pittsburg
Antioch
Byron Airport
Byron Vernal Pools
Project Area
© 2017 HERE © AND © 2017 Microsoft Corporation
bing
Contra Costa County
Marsh Creek
Brentwood
Old River
Pleasant Hill
Walnut Creek
Lafayette
Mount Diablo SP
Marsh Creek SP
Byron
Project Area
Clifton Court Forebay
Los Vaqueros Reservoir
Danville
Alameda County
East Contra Costa County HCP/NCCP (Campos)
Contra Costa County
5
Miles
WCB State of California Wildlife Conservation Board
8 WCB 2/23/2017 lo/WLB

#8. East Contra Costa County HCP/NCCP (Campos)

A line of small rocks across a hilltop on the property

#8. East Contra Costa County HCP/NCCP (Campos)

Looking northeast toward a runway at the Byron Airport.

#8. East Contra Costa County HCP/NCCP (Campos)

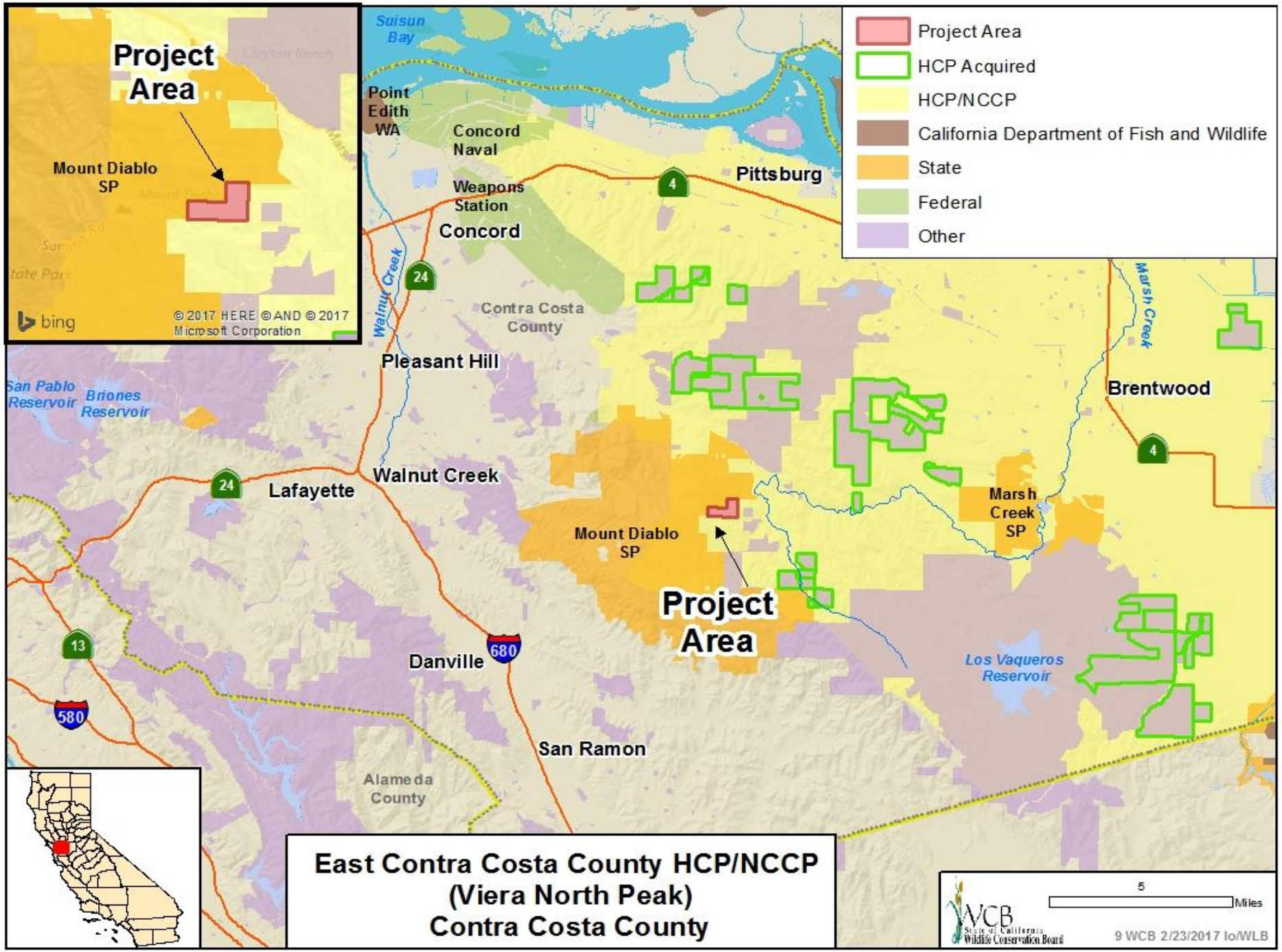
Looking east toward a runway of the Byron Airport.

#8. East Contra Costa County HCP/NCCP (Campos)

Tricolored blackbirds (an HCP/NCCP covered species) sitting on the fence posts.

#8. East Contra Costa County HCP/NCCP (Campos)

Foundations and pads remaining on property. View looking southwest toward Souza III (Conservancy Preserve Property) and the Buena Vista Windfarm.


Project Area
HCP Acquired
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Mount Diablo SP
© 2017 HERE © AND © 2017 Microsoft Corporation
bing
Suisun Bay
Point Edith WA
Concord Naval Weapons Station
Concord
Pittsburg
Walnut Creek
Contra Costa County
Pleasant Hill
San Pablo Reservoir
Briones Reservoir
Lafayette
Walnut Creek
Mount Diablo SP
Project Area
Marsh Creek
Marsh Creek SP
Brentwood
Los Vaqueros Reservoir
Danville
San Ramon
Alameda County
13
24
4
680
580
East Contra Costa County HCP/NCCP
(Viera North Peak)
Contra Costa County
5
Miles
WCB State of California Wildlife Conservation Board
9 WCB 2/23/2017 lo/WLB

#9. East Contra Costa County HCP/NCCP (Viera North Peak)

View from the eastern portion of the property looking west toward Mount Diablo State Park.

#9. East Contra Costa County HCP/NCCP (Viera North Peak)

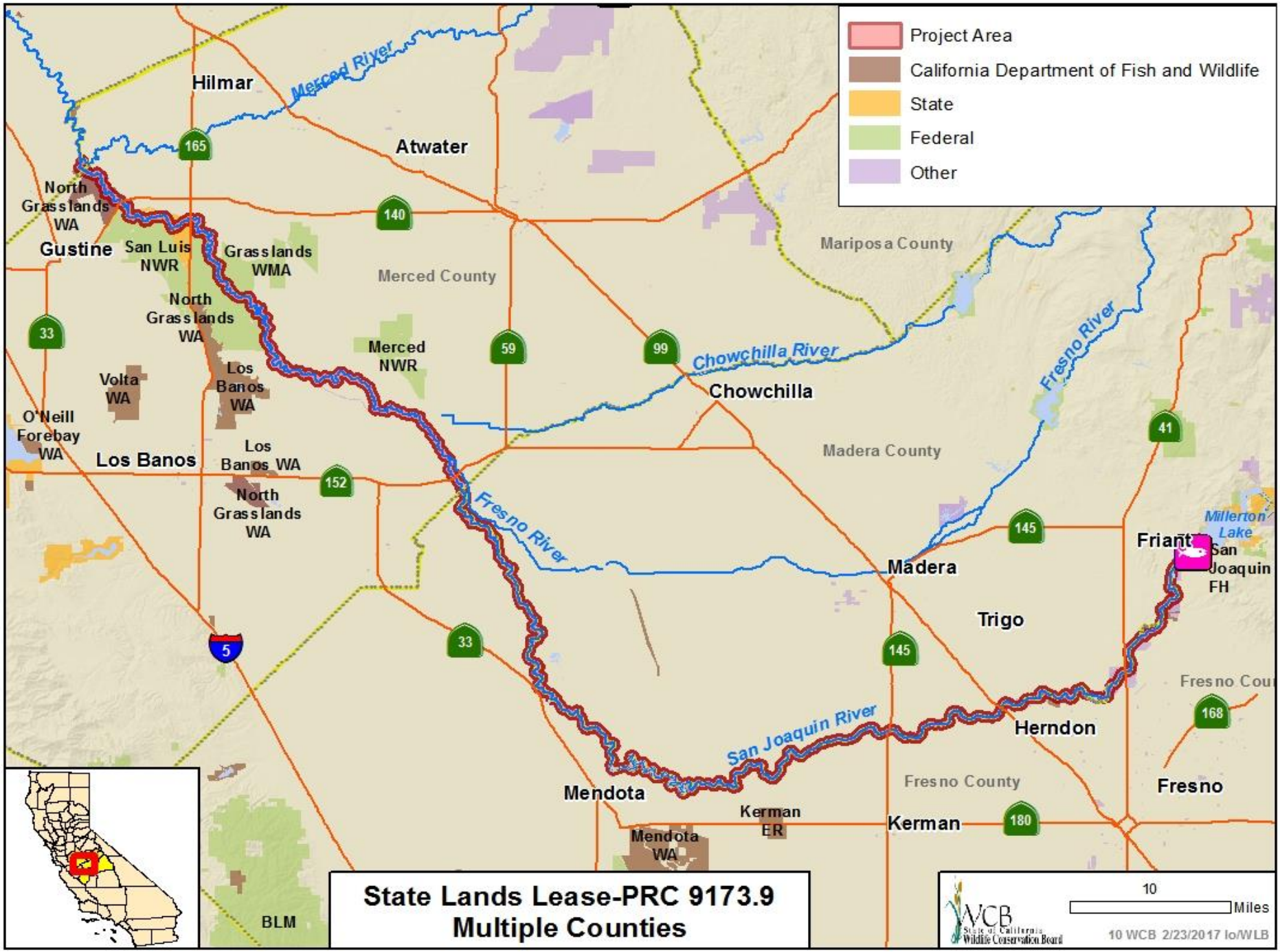
View from western boundary of the property looking northeasterly toward Deer and Briones Valleys.

#9. East Contra Costa County HCP/NCCP (Viera North Peak)

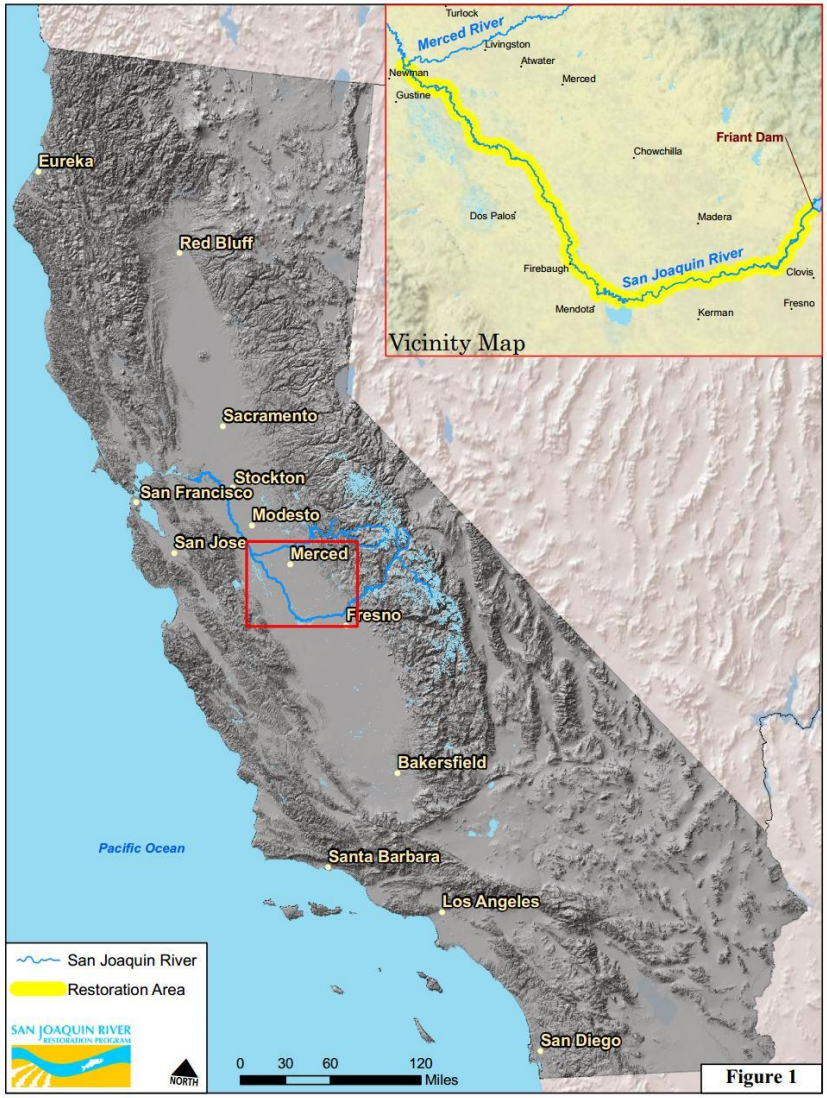
Perkins Canyon Creek during the rainy season.

#9. East Contra Costa County HCP/NCCP (Viera North Peak)

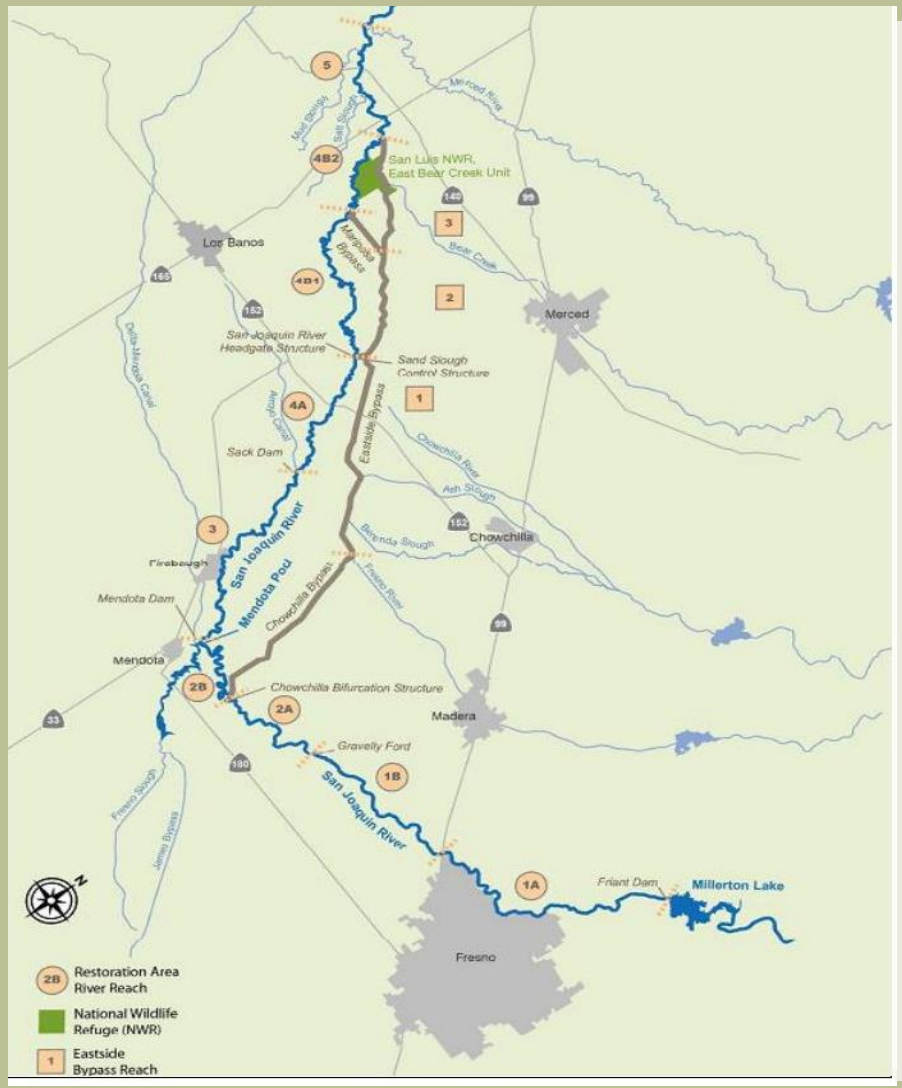
View up the steep slopes and chaparral/scrub habitat from the western portion of the property.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Hilmar
Merced River
Atwater
165
140
North Grasslands WA
Gustine
San Luis NWR
Grasslands WMA
Merced County
Mariposa County
North Grasslands WA
33
Merced NWR
59
99
Chowchilla River
Fresno River
Chowchilla
Volta WA
Los Banos WA
O'Neill Forebay WA
Los Banos
Los Banos WA
152
North Grasslands WA
Madera County
41
145
Millerton Lake
Friant
San Joaquin FH
Madera
Trigo
5
33
145
Fresno Cou
168
Herndon
San Joaquin River
Fresno County
Fresno
Mendota
Kerman ER
Kerman
180
Mendota WA
BLM
State Lands Lease-PRC 9173.9
Multiple Counties
WCB
State of California Wildlife Conservation Board
10
Miles
10 WCB 2/23/2017 lo/WLB

#10. State Lands Lease-PRC 9173.9

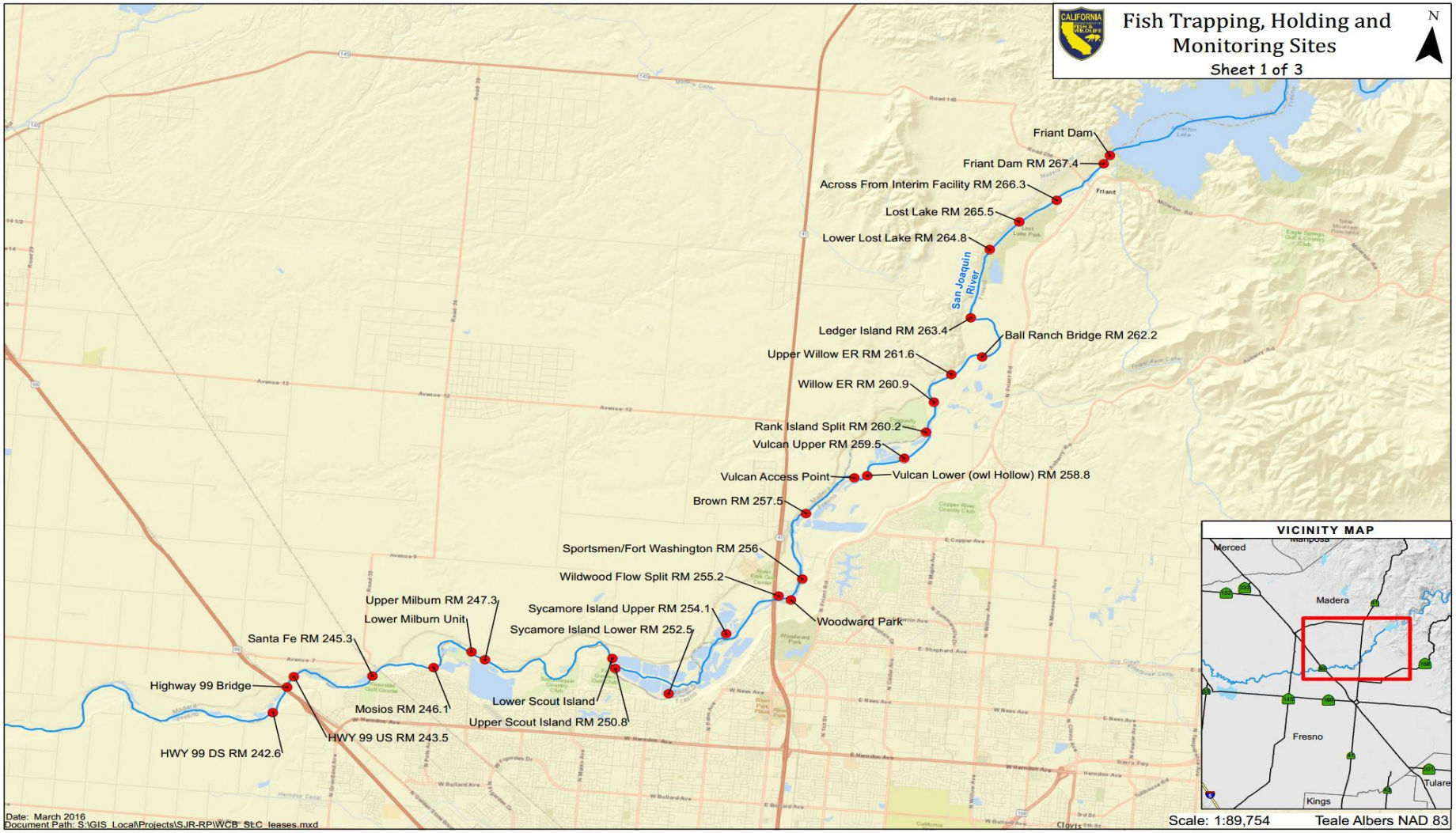


#10. State Lands Lease-PRC 9173.9



Reaches in the San Joaquin River Restoration Area (Source U.S. Bureau of Reclamation)

#10. State Lands Lease-PRC 9173.9



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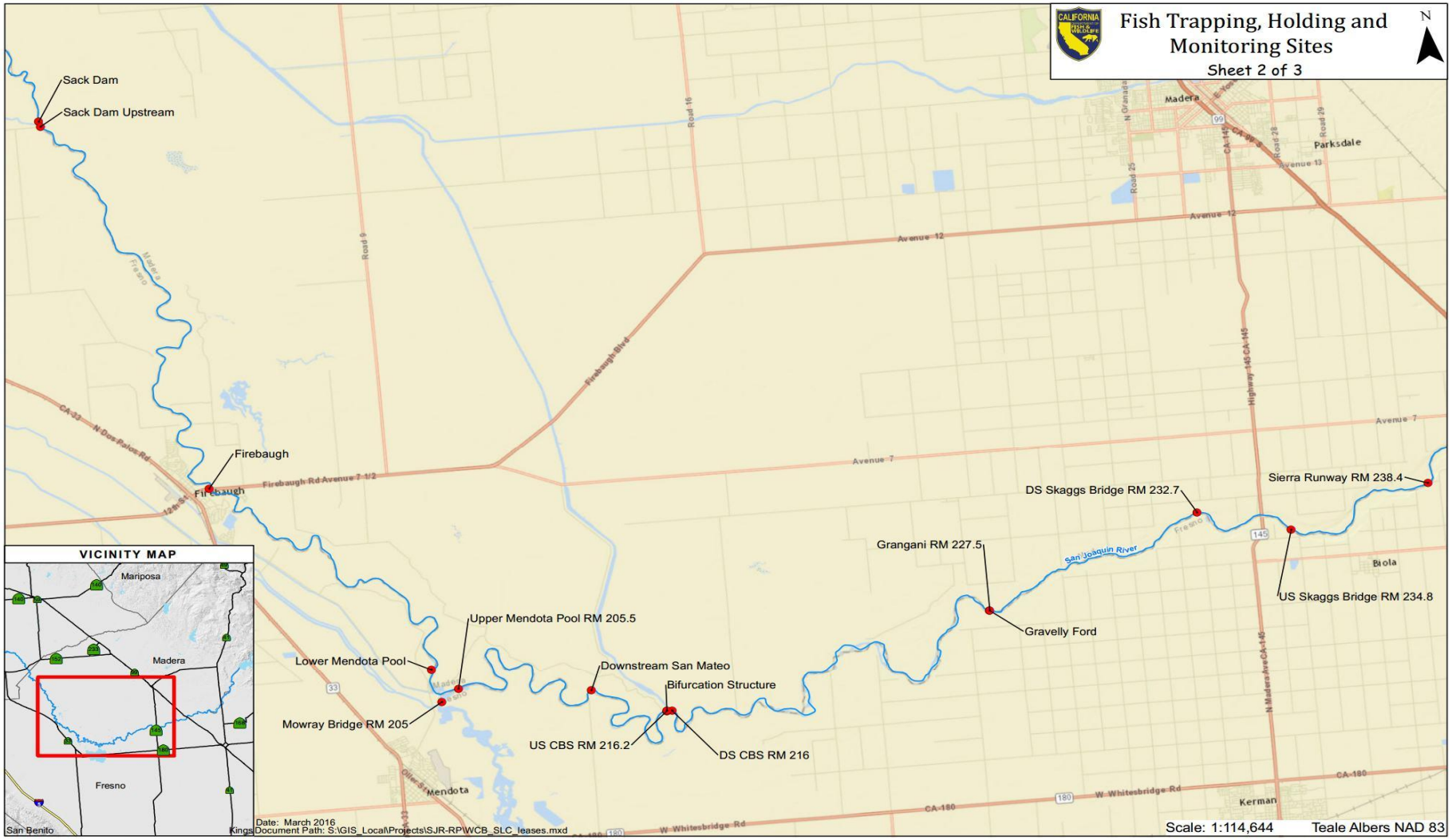
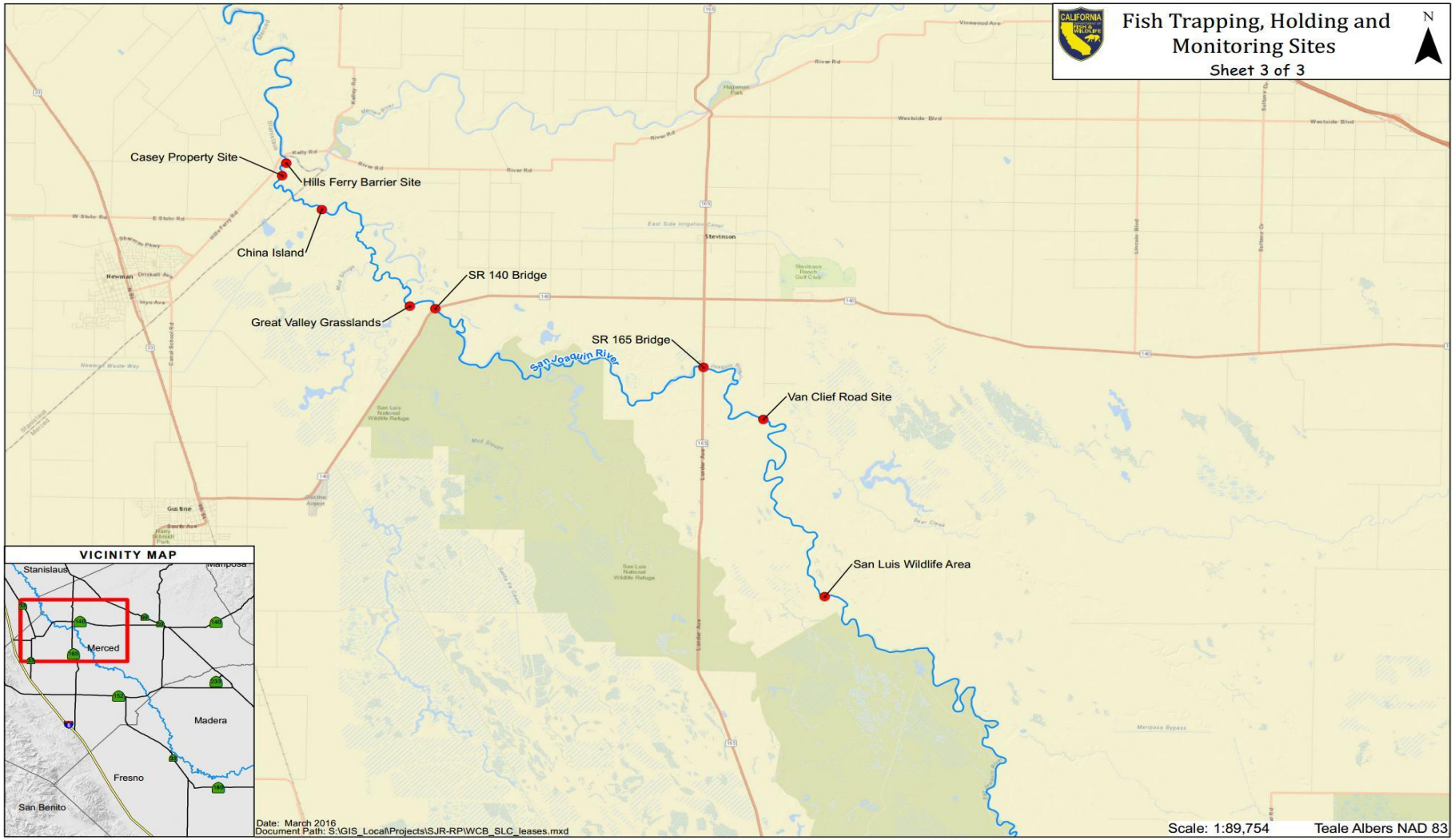


#10. State Lands Lease-PRC 9173.9



#10. State Lands Lease-PRC 9173.9

CDFW staff transporting Chinook Salmon captured during Trap and Haul

#10. State Lands Lease-PRC 9173.9

A Fall-run Chinook Salmon released in Reach 1 to monitor migration, habitat use, and spawning success via acoustic telemetry

#10. State Lands Lease-PRC 9173.9

Rotary Screw Trap for monitoring survival and migration of juvenile Chinook Salmon

#10. State Lands Lease-PRC 9173.9

Casey property site

#10. State Lands Lease-PRC 9173.9

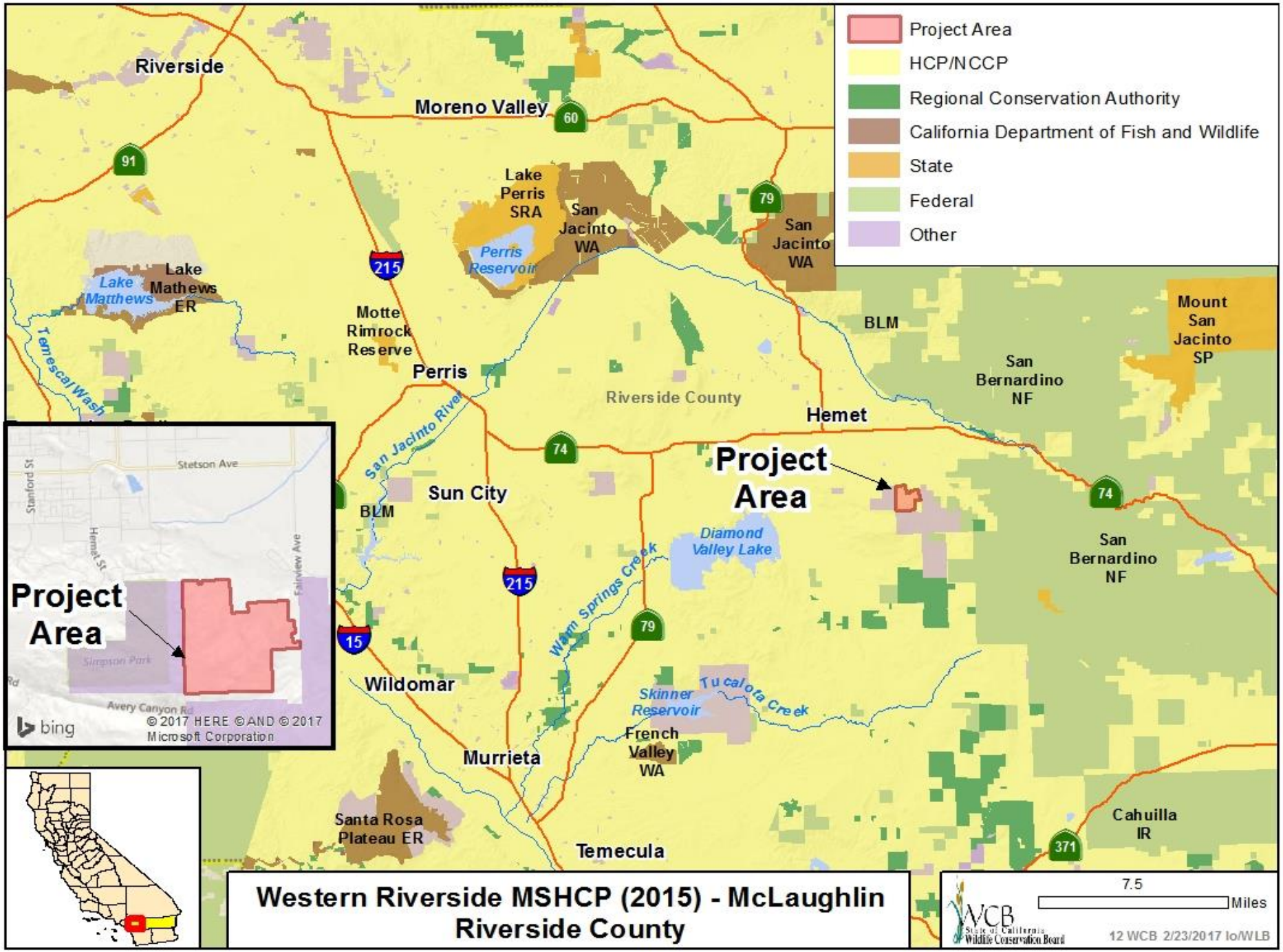
China Island site

#10. State Lands Lease-PRC 9173.9

Hills Ferry Barrier site

#11. San Joaquin River Parkway, Sycamore Island Pond Isolation Plant Establishment and Restoration Project

This project has been withdrawn from consideration at this time


Project Area
HCP/NCCP
Regional Conservation Authority
California Department of Fish and Wildlife
State
Federal
Other
Riverside
Moreno Valley
Lake Perris SRA
San Jacinto WA
Perris Reservoir
Lake Mathews
Lake Mathews ER
Motte Rimrock Reserve
Perris
Riverside County
BLM
Mount San Jacinto SP
San Bernardino NF
Hemet
Project Area
Sun City
San Jacinto River
Diamond Valley Lake
Warm Springs Creek
Wildomar
Skinner Reservoir
Tucalota Creek
French Valley WA
Murrieta
Santa Rosa Plateau ER
Temecula
Cahuilla IR
Temescal Wash
Stetson Ave
Stanford St
Hemet St
Fairview Ave
Simpson Park
Avery Canyon Rd
bing
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Western Riverside MSHCP (2015) - McLaughlin
Riverside County
7.5
Miles
WCB State of California Wildlife Conservation Board
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#12. Western Riverside MSHCP (2015) - McLaughlin

The Eastern Foothills Area is located within a key regional transition zone, which includes wildlife linkages and core habitat areas that contain naturally occurring biotic and abiotic components and ecological processes

#12. Western Riverside MSHCP (2015) - McLaughlin

The Property acquisition will also provide landscape connectivity by eliminating the threat of fragmentation caused by development for all resident wildlife species

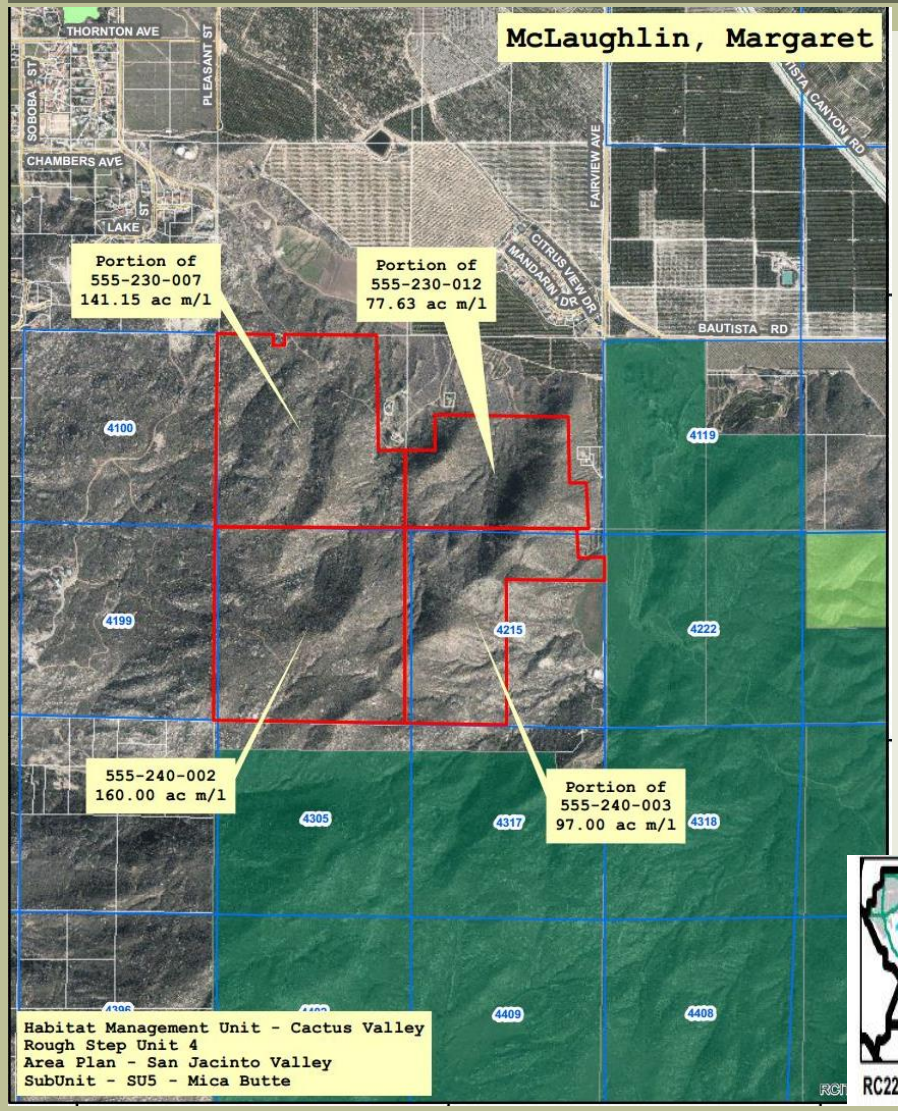
#12. Western Riverside MSHCP (2015) - McLaughlin

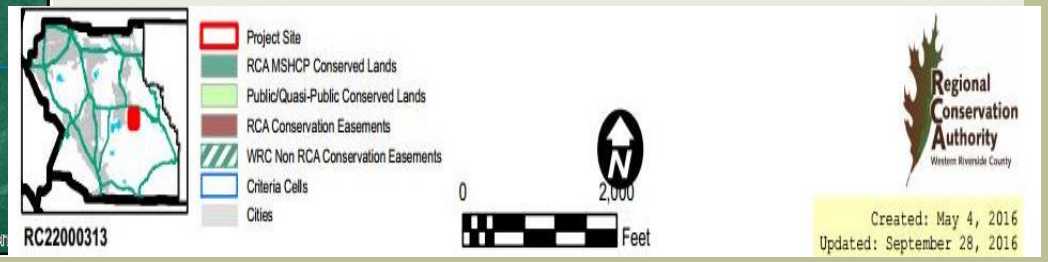
Vegetation on the Property includes chaparral, coastal sage scrub and grassland, and is located within a known Stephens Kangaroo Rat area

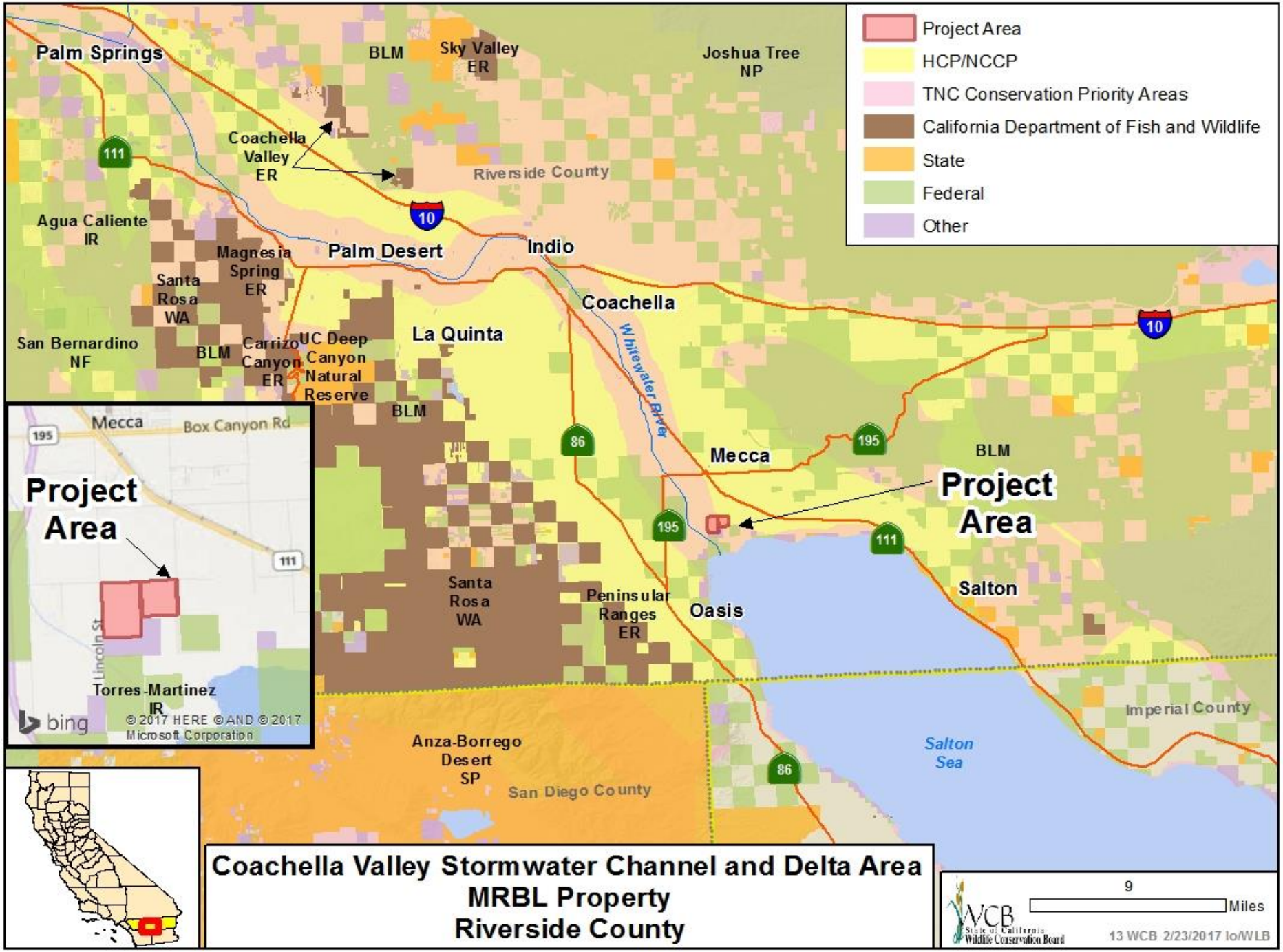
#12. Western Riverside MSHCP (2015) - McLaughlin

The Property will connect to other WRC MSHCP conserved properties, which promotes maintaining the genetic viability of listed/sensitive species being conserved under the plan

#12. Western Riverside MSHCP (2015) - McLaughlin






Project Area
HCP/NCCP
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Palm Springs
BLM
Sky Valley ER
Joshua Tree NP
Coachella Valley ER
Riverside County
111
10
Agua Caliente IR
Magnesia Spring ER
Palm Desert
Indio
Santa Rosa WA
Coachella
San Bernardino NF
BLM
Carrizo Canyon ER
UC Deep Canyon Natural Reserve
La Quinta
Whitewater River
BLM
86
Mecca
195
BLM
Project Area
Mecca
Box Canyon Rd
Project Area
111
Lincoln St
Torres-Martinez IR
bing
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Santa Rosa WA
Peninsular Ranges ER
Oasis
Salton
Imperial County
Salton Sea
Anza-Borrego Desert SP
San Diego County
86
Coachella Valley Stormwater Channel and Delta Area
MRBL Property
Riverside County
9
Miles
WCB State of California Wildlife Conservation Board
13 WCB 2/23/2017 lo/WLB

#13. Coachella Valley Stormwater Channel and Delta Area - MRBL Property

Easterly view of dense riparian habitat

#13. Coachella Valley Stormwater Channel and Delta Area - MRBL Property

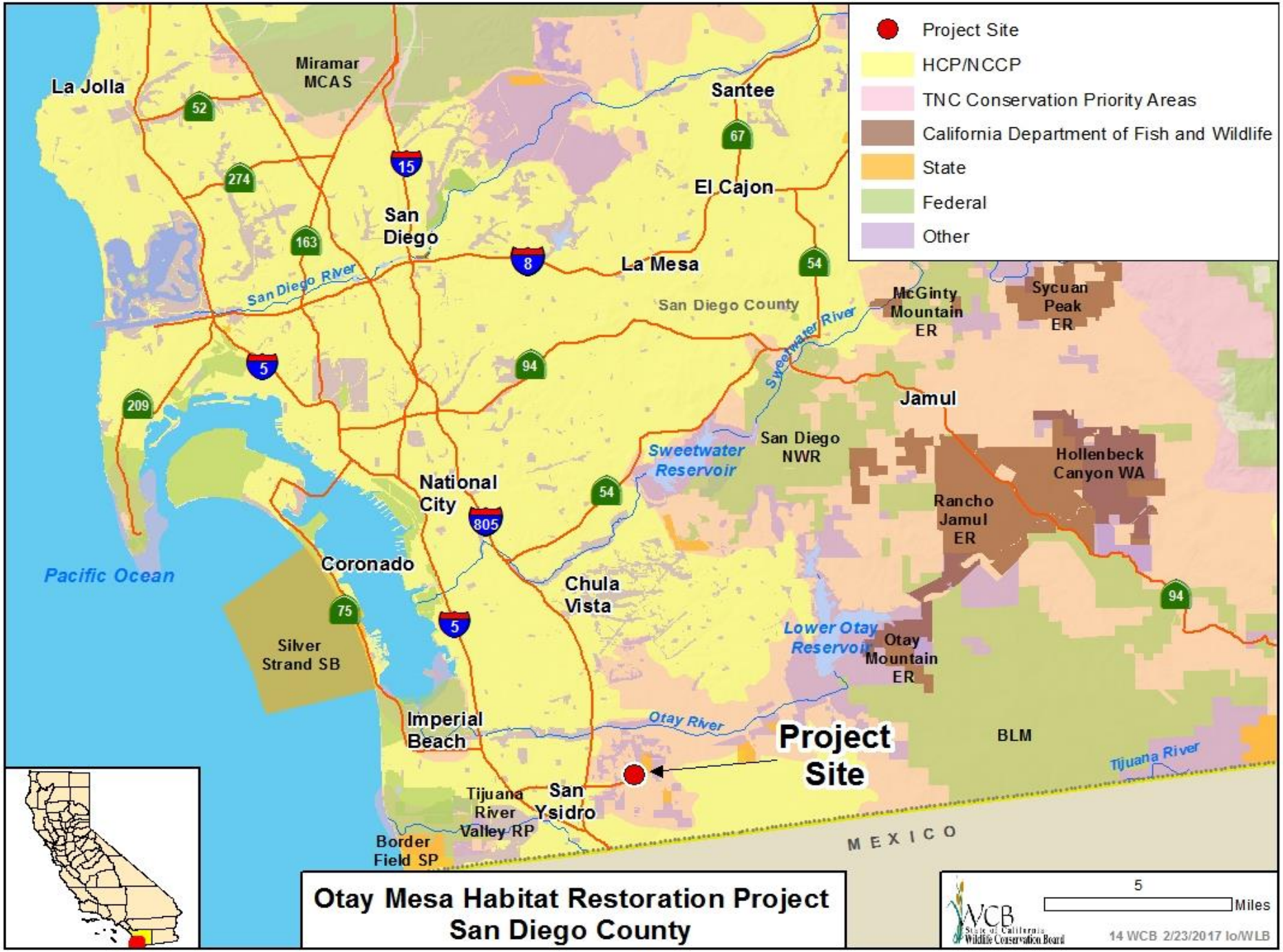
Easterly view of wetland habitat

#13. Coachella Valley Stormwater Channel and Delta Area - MRBL Property

Northerly view of one of several ponds on the Property

#13. Coachella Valley Stormwater Channel and Delta Area - MRBL Property

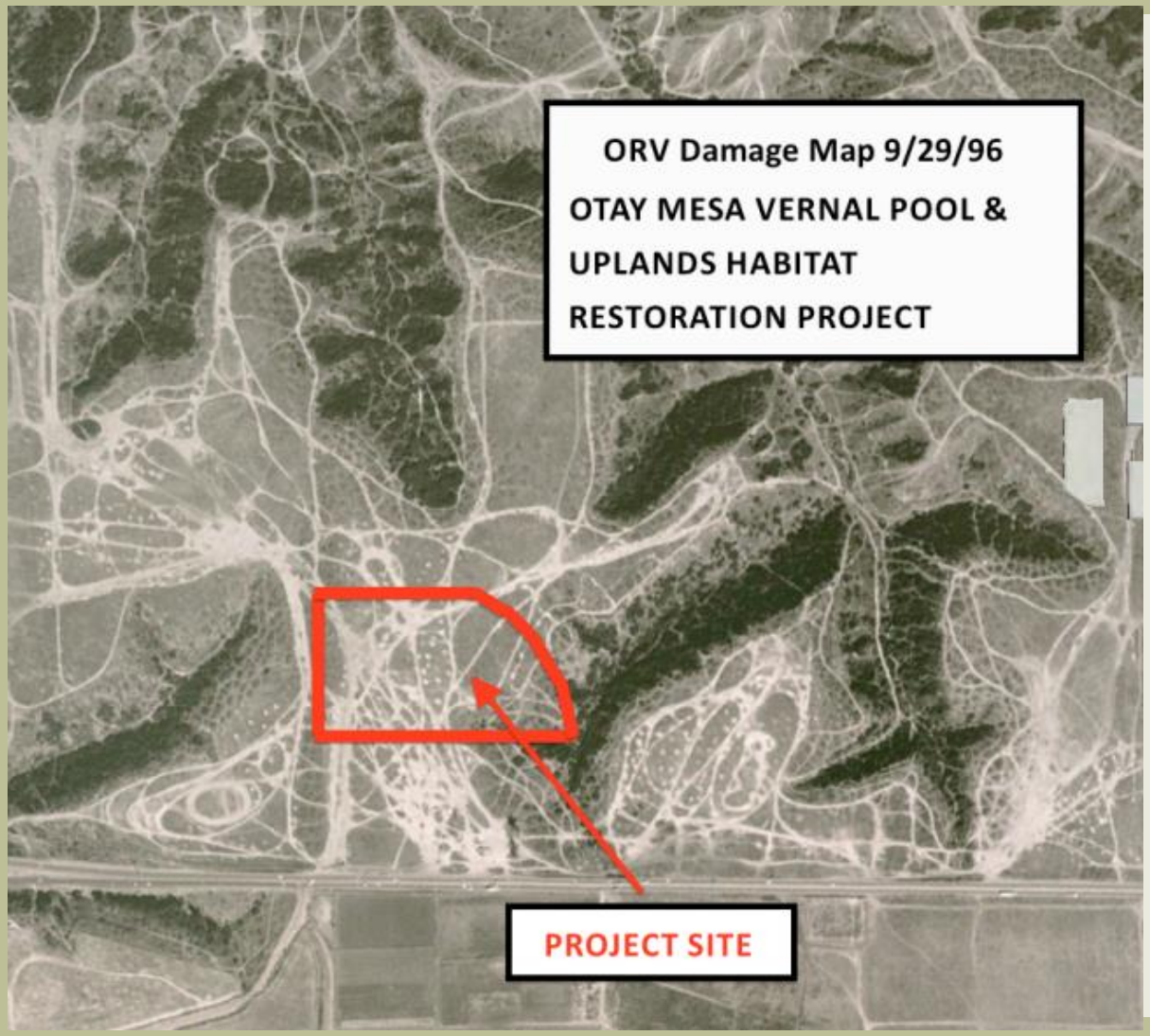
Westerly view of typical riparian habitat on the Property


Project Site
HCP/NCCP
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
La Jolla
Miramar MCAS
Santee
El Cajon
San Diego
La Mesa
San Diego River
San Diego County
Sweetwater River
McGinty Mountain ER
Sycuan Peak ER
Jamul
San Diego NWR
Sweetwater Reservoir
Hollenbeck Canyon WA
Rancho Jamul ER
National City
Coronado
Chula Vista
Pacific Ocean
Silver Strand SB
Lower Otay Reservoir
Otay Mountain ER
Imperial Beach
Otay River
Project Site
BLM
Tijuana River
Tijuana River Valley RP
San Ysidro
Border Field SP
MEXICO
52
274
163
15
67
8
54
5
94
209
805
75
Otay Mesa Habitat Restoration Project
San Diego County
5
Miles
WCB State of California Wildlife Conservation Board
14 WCB 2/23/2017 lo/WLB

#14. Otay Mesa Habitat Restoration Project

Otay Mesa project site

#14. Otay Mesa Habitat Restoration Project



Damage from off-road vehicles on the Otay Mesa

#14. Otay Mesa Habitat Restoration Project

Otay Mesa project site plan

#14. Otay Mesa Habitat Restoration Project

Vernal pool on the Otay Mesa project site

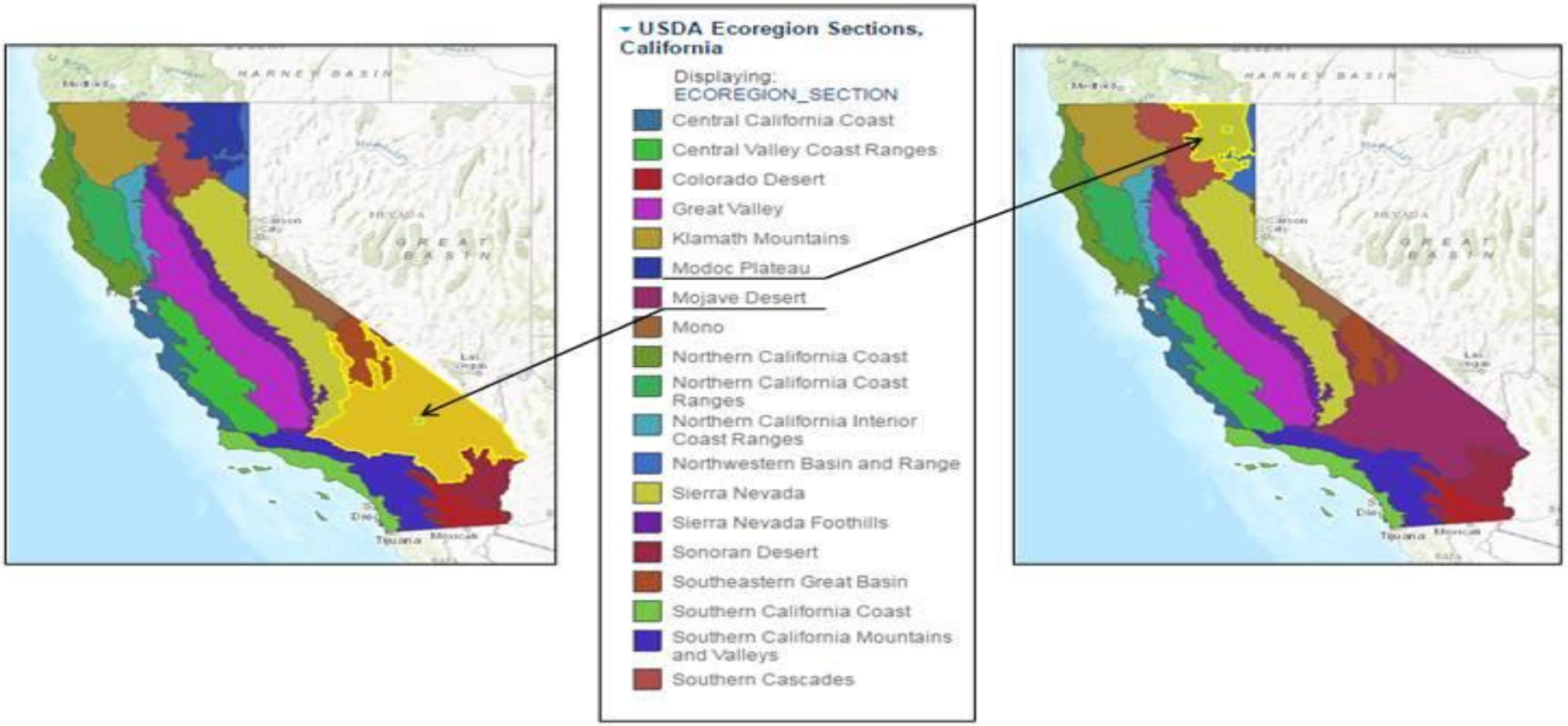
#14. Otay Mesa Habitat Restoration Project

Otay Mesa project site

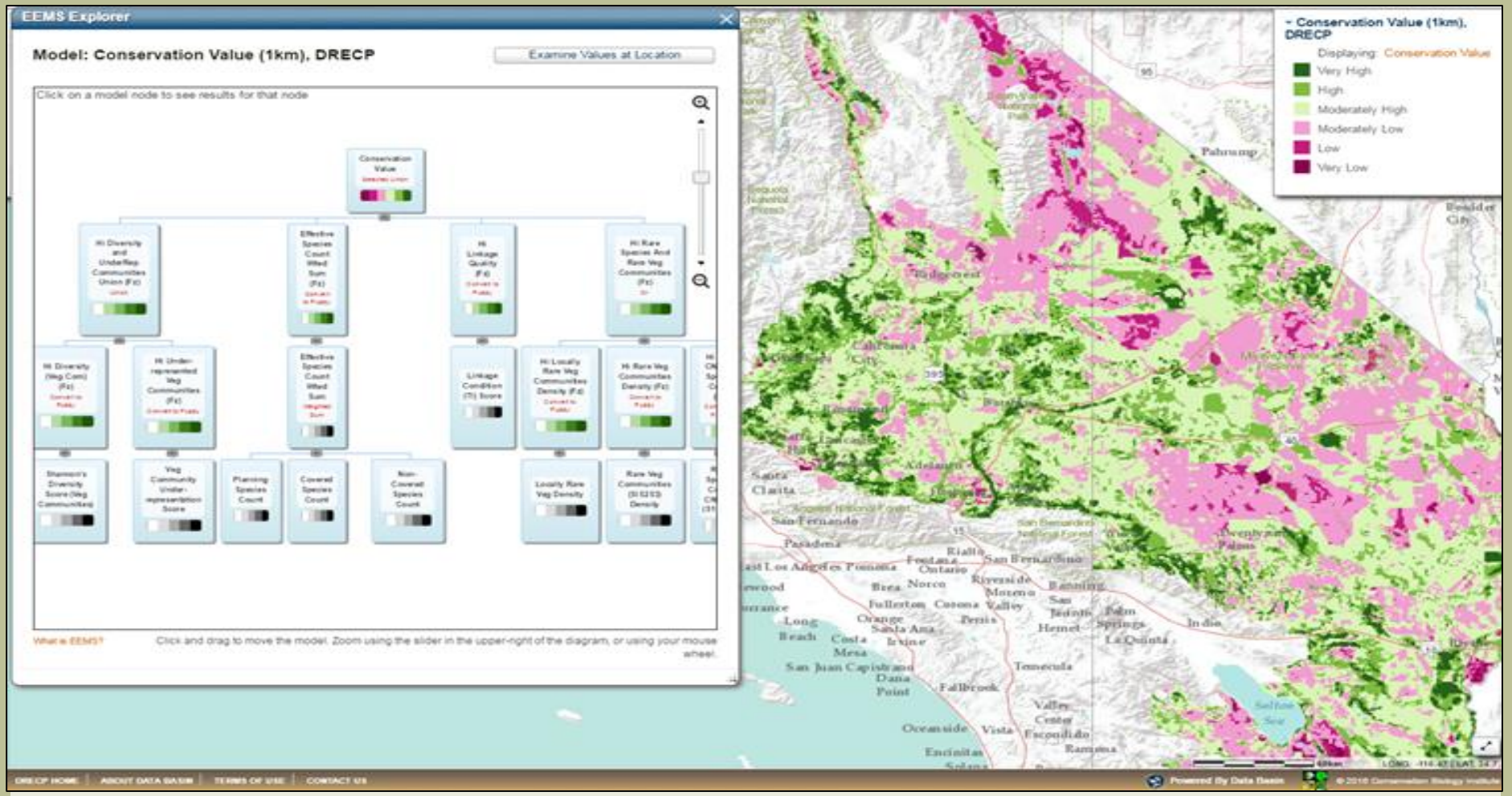

Regional Conservation Assessment and Methodology Statewide
Demonstration Ecoregions
Modoc Plateau
Mojave Desert
Sacramento
San Francisco
Fresno
Las Vegas
Los Angeles
San Diego
Tijuana
Phoenix
Pacific Ocean
NEVADA
110
Miles
15 WCB 2/23/2017 lo/WLB

#15. Regional Conservation Assessment Methodology

Project Demonstration Areas

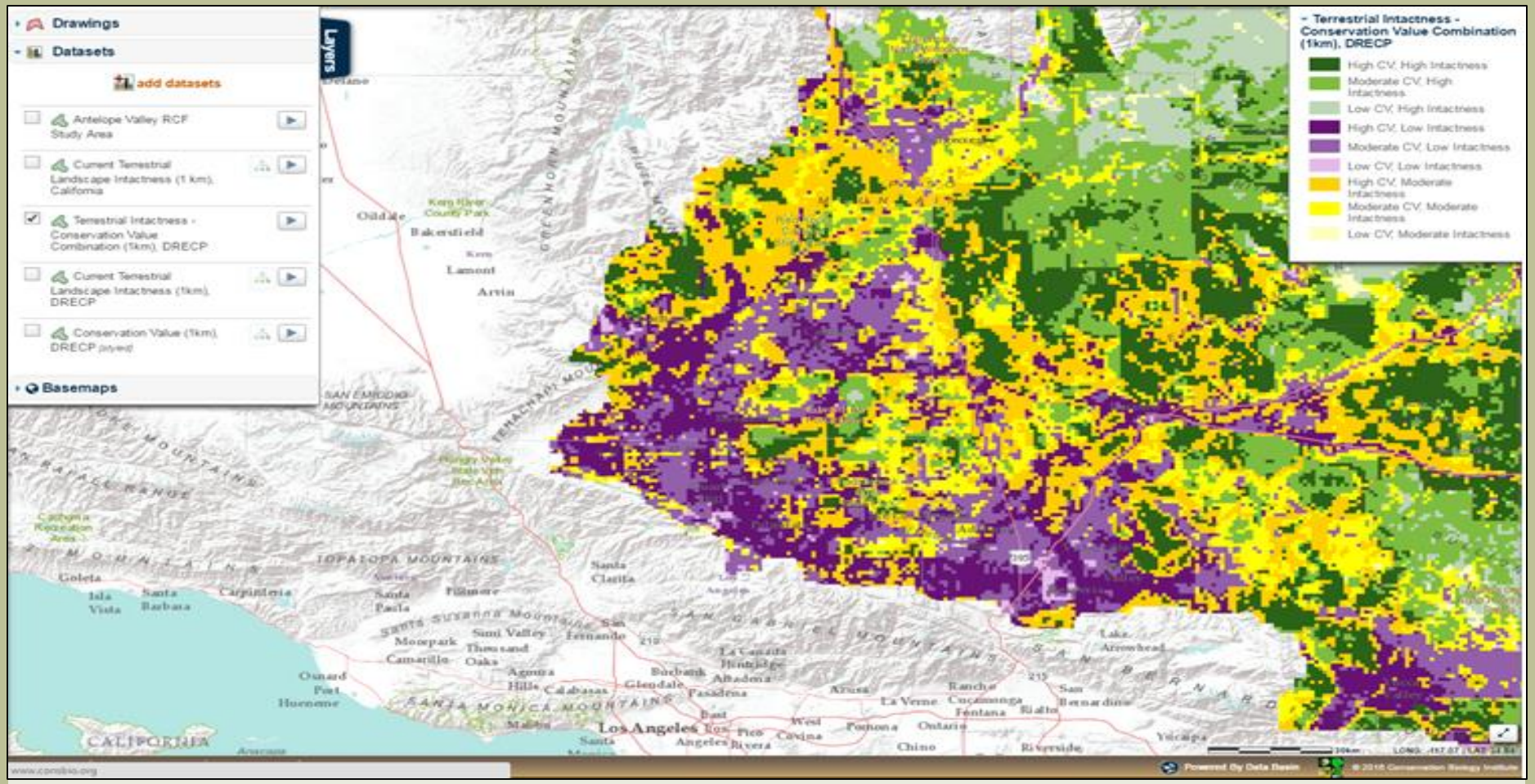


#15. Regional Conservation Assessment Methodology



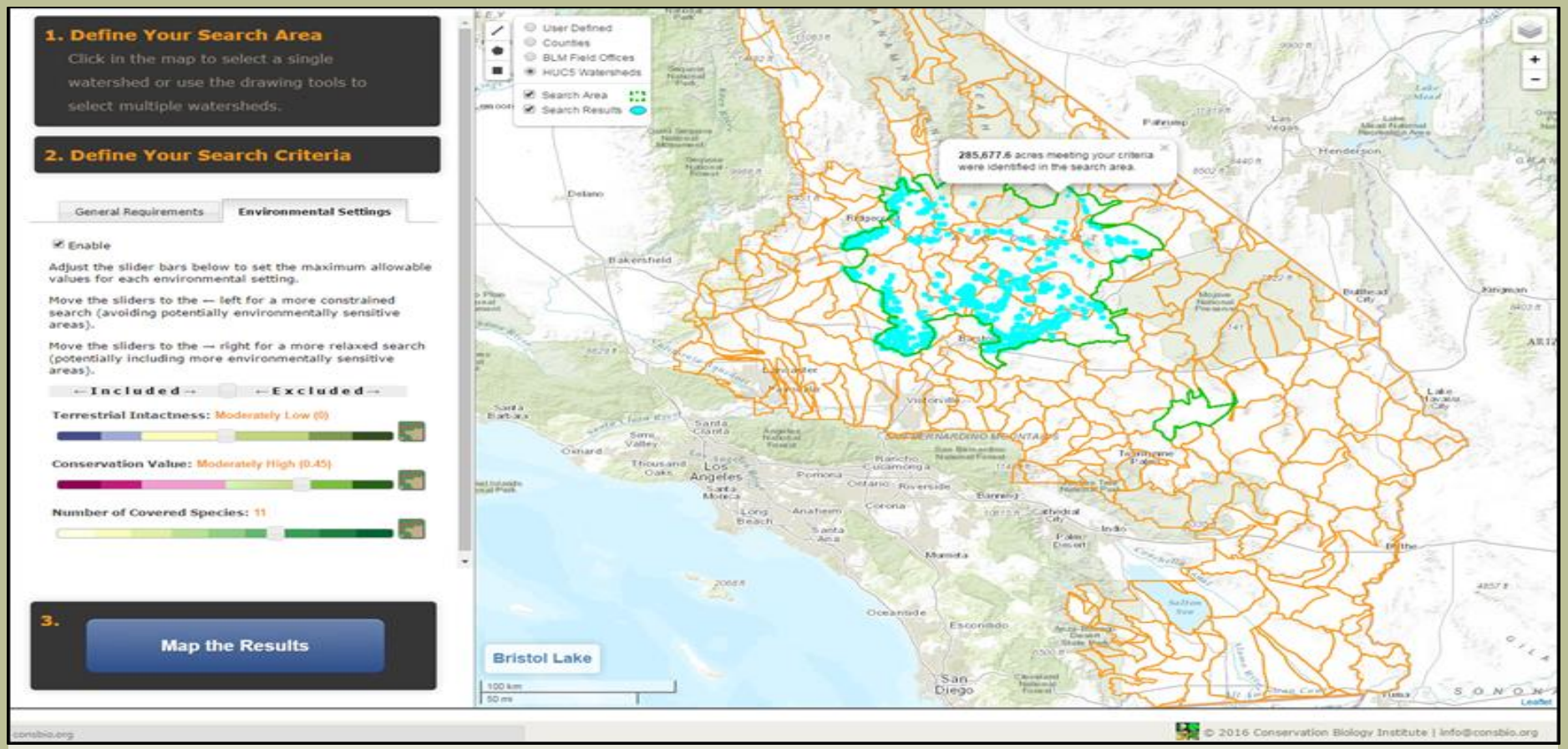
Example of Conservation Value Map

#15. Regional Conservation Assessment Methodology

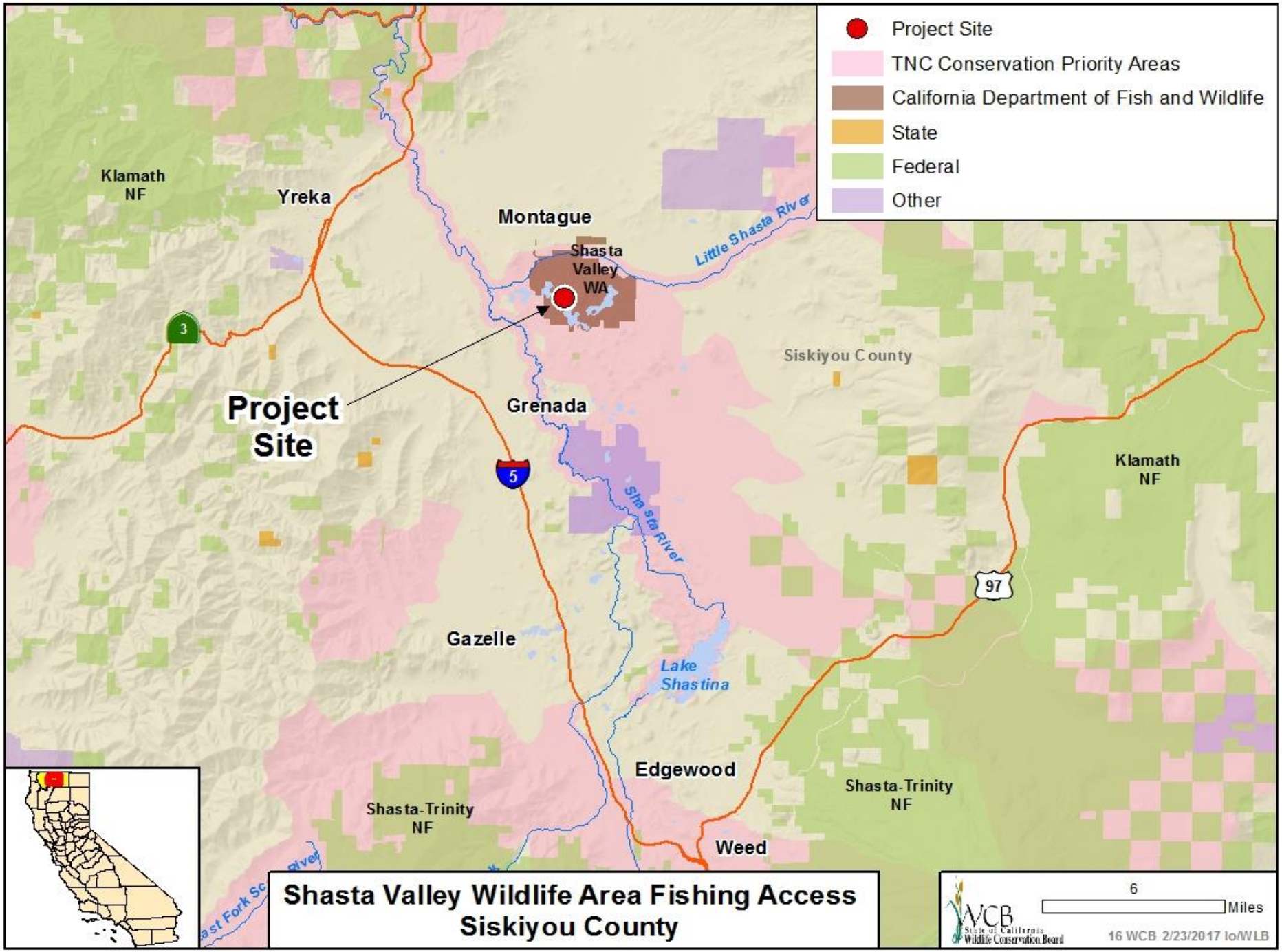


Conservation Value and Landscape Intactness

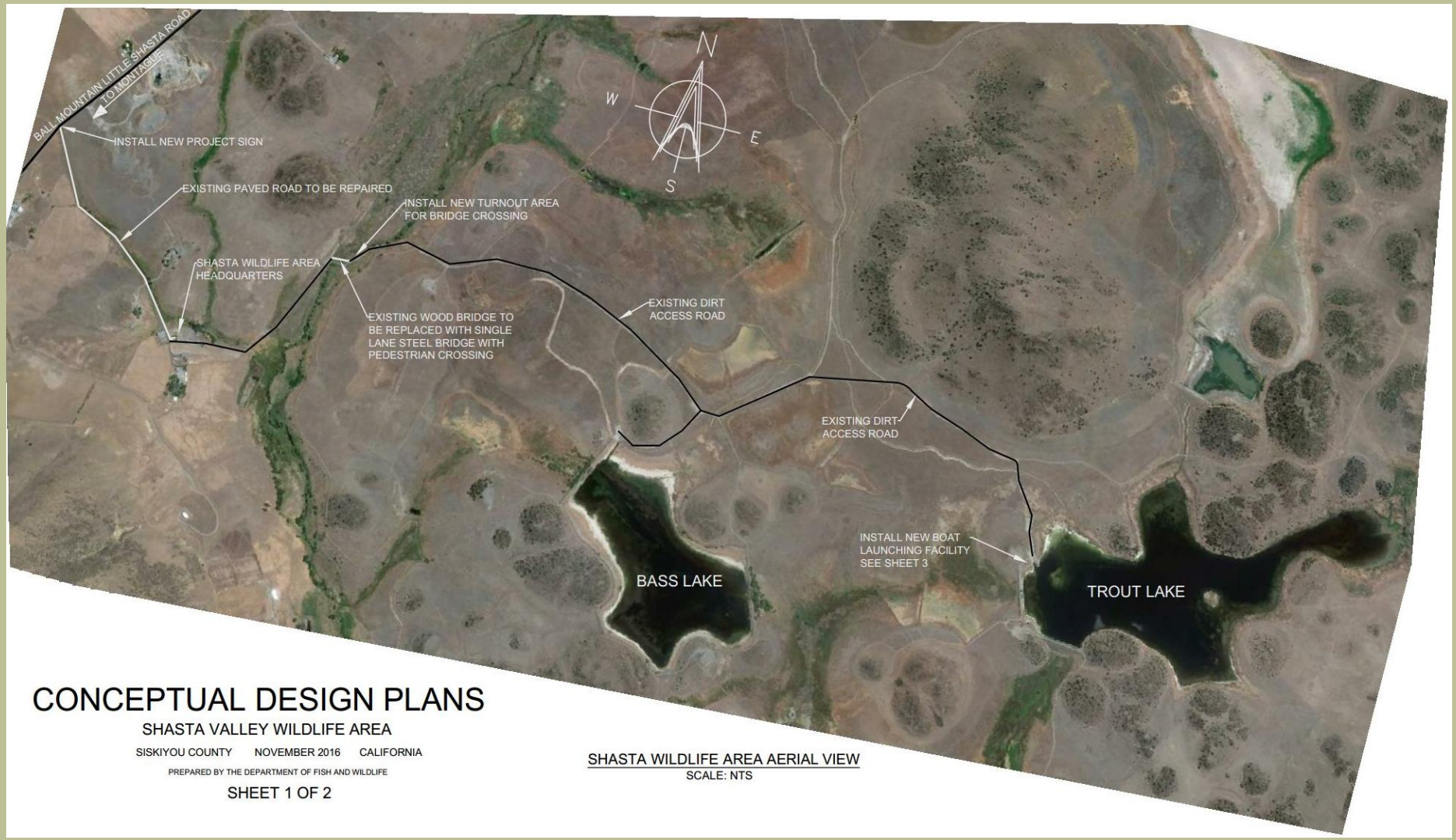
#15. Regional Conservation Assessment Methodology



Landscape Analysis for landscape Intactness, Conservation Value and Covered Species


Project Site
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Klamath NF
Yreka
Montague
Shasta Valley WA
Little Shasta River
3
Project Site
Siskiyou County
Grenada
5
Shasta River
Klamath NF
97
Gazelle
Lake Shastina
Edgewood
Shasta-Trinity NF
Shasta-Trinity NF
Weed
Shasta Valley Wildlife Area Fishing Access
Siskiyou County
6
Miles
WCB State of California Wildlife Conservation Board
16 WCB 2/23/2017 lo/WLB

#16. Shasta Valley Wildlife Area Fishing Access



#16. Shasta Valley Wildlife Area Fishing Access

Entry road

#16. Shasta Valley Wildlife Area Fishing Access

Damage and old repairs to the entrance bridge

#16. Shasta Valley Wildlife Area Fishing Access

Road to Trout Lake

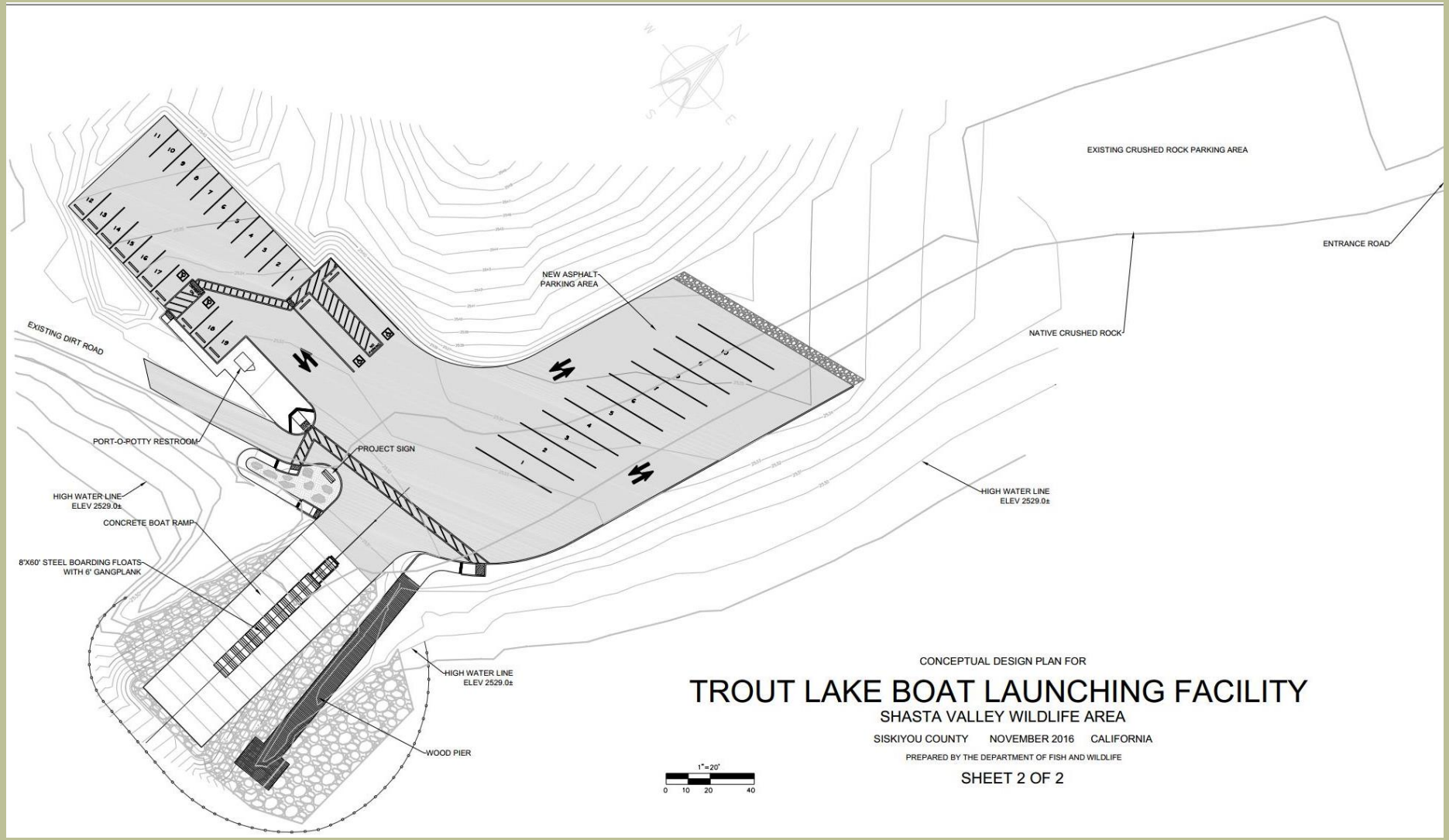
#16. Shasta Valley Wildlife Area Fishing Access

Existing parking at Trout Lake

#16. Shasta Valley Wildlife Area Fishing Access

Current boat ramp

#16. Shasta Valley Wildlife Area Fishing Access

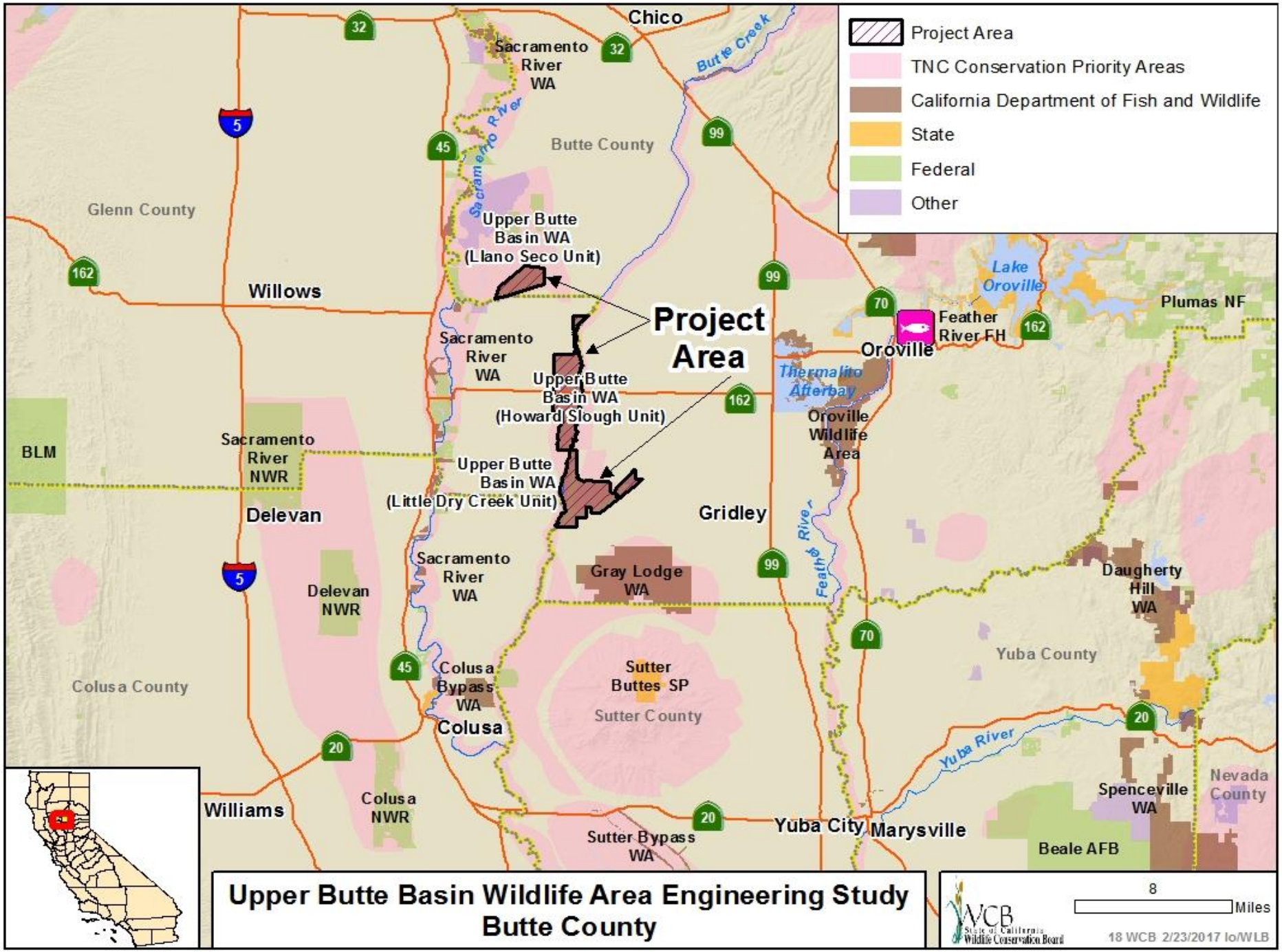


#16. Shasta Valley Wildlife Area Fishing Access

Trout Lake with view of Mount Shasta

#17. Sacramento River Riparian Restoration, Rancho Breisgau

This project has been withdrawn from consideration at this time



Upper Butte Basin Wildlife Area Engineering Study
Butte County

#18. Upper Butte Basin Wildlife Area Engineering Study

Field 313 has limited water distribution and habitat management capabilities. DU will determine the earthwork needed to reduce topographic variation and allow water and habitat to be managed effectively in this field.

#18. Upper Butte Basin Wildlife Area Engineering Study

Water is delivered to the southern boundary ditch by a lift pump at the ditch's eastern end. DU will determine if the ditch can be modified to allow water to be delivered by gravity flow.

#18. Upper Butte Basin Wildlife Area Engineering Study

The HS Unit lies immediately northwest of the LDC Unit and drains into Butte Creek and adjacent sloughs which are part of Western Canal's system. DU will determine if it is feasible to convey water from the HS Unit directly to the LDC Unit and thereby reduce water charges and pumping costs.

#18. Upper Butte Basin Wildlife Area Engineering Study

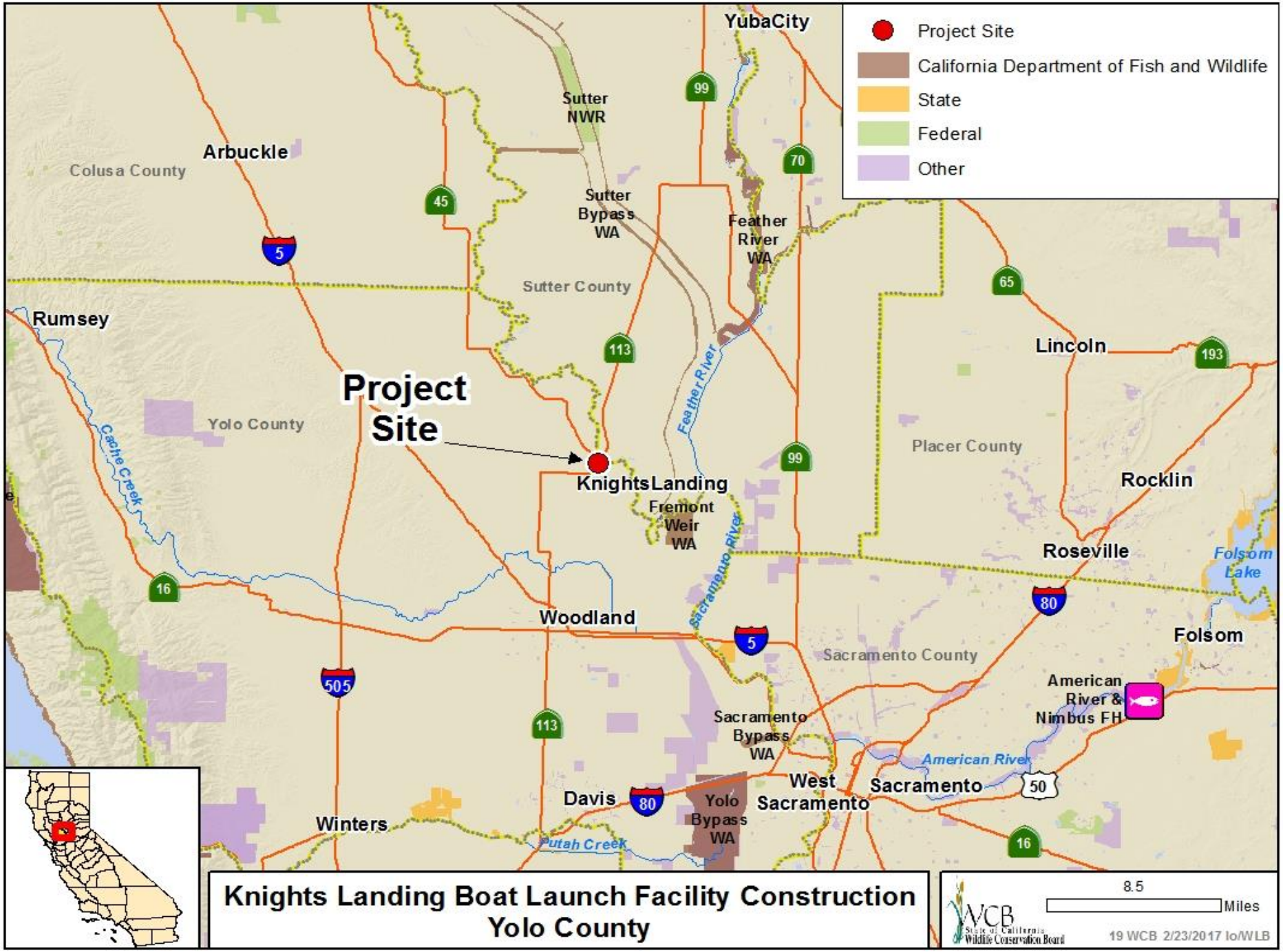
Unmanaged fallow fields are present in the far northern portion of the HS Unit and currently have low habitat value. DU will identify opportunities to restore these fields to high quality habitat.

#18. Upper Butte Basin Wildlife Area Engineering Study

Improvements will be identified to pump and ditch systems to prevent subbing from occurring. System renovations will be identified to make recovery and reuse of water more efficient.

#18. Upper Butte Basin Wildlife Area Engineering Study

The recently-acquired Cherokee Farms property has substantial water conveyance infrastructure and good water availability. DU will determine how to integrate this area into the LDC Unit's overall water conveyance system.



Knights Landing Boat Launch Facility Construction
Yolo County

#19. Knights Landing Boat Launch Facility Construction

Aerial view of the project area

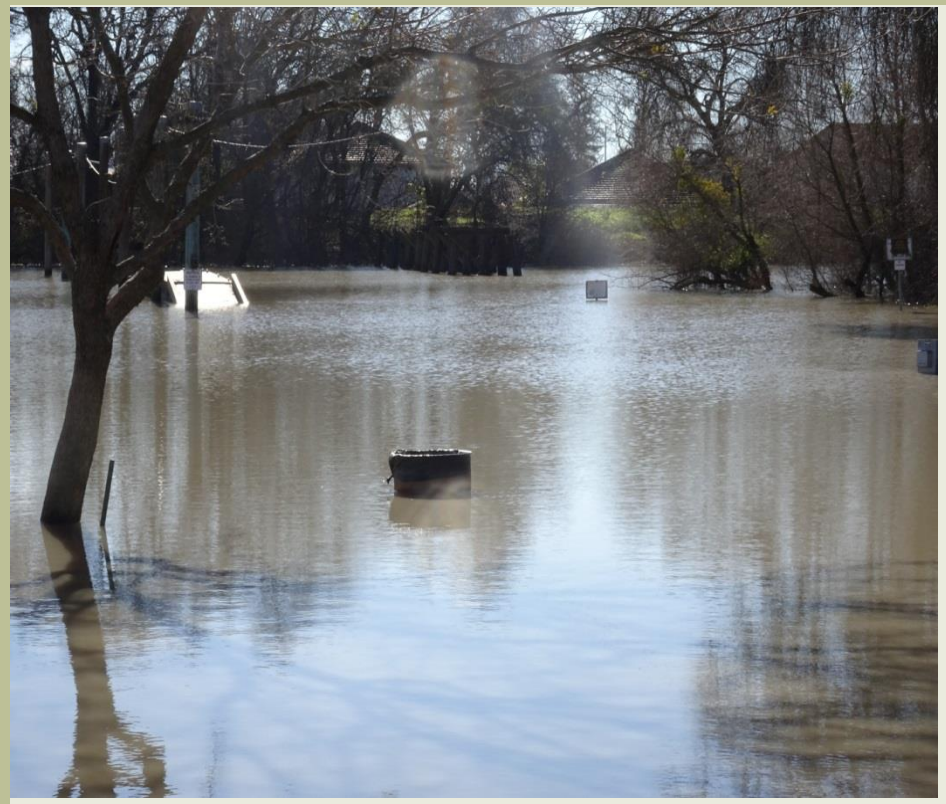
#19. Knights Landing Boat Launch Facility Construction

Entry view

#19. Knights Landing Boat Launch Facility Construction

New restroom will be constructed on the left side

#19. Knights Landing Boat Launch Facility Construction



Parking lot flooded in January 2017

#19. Knights Landing Boat Launch Facility Construction

Entry view flooded in January 2017

#19. Knights Landing Boat Launch Facility Construction

Park Host pad

#19. Knights Landing Boat Launch Facility Construction

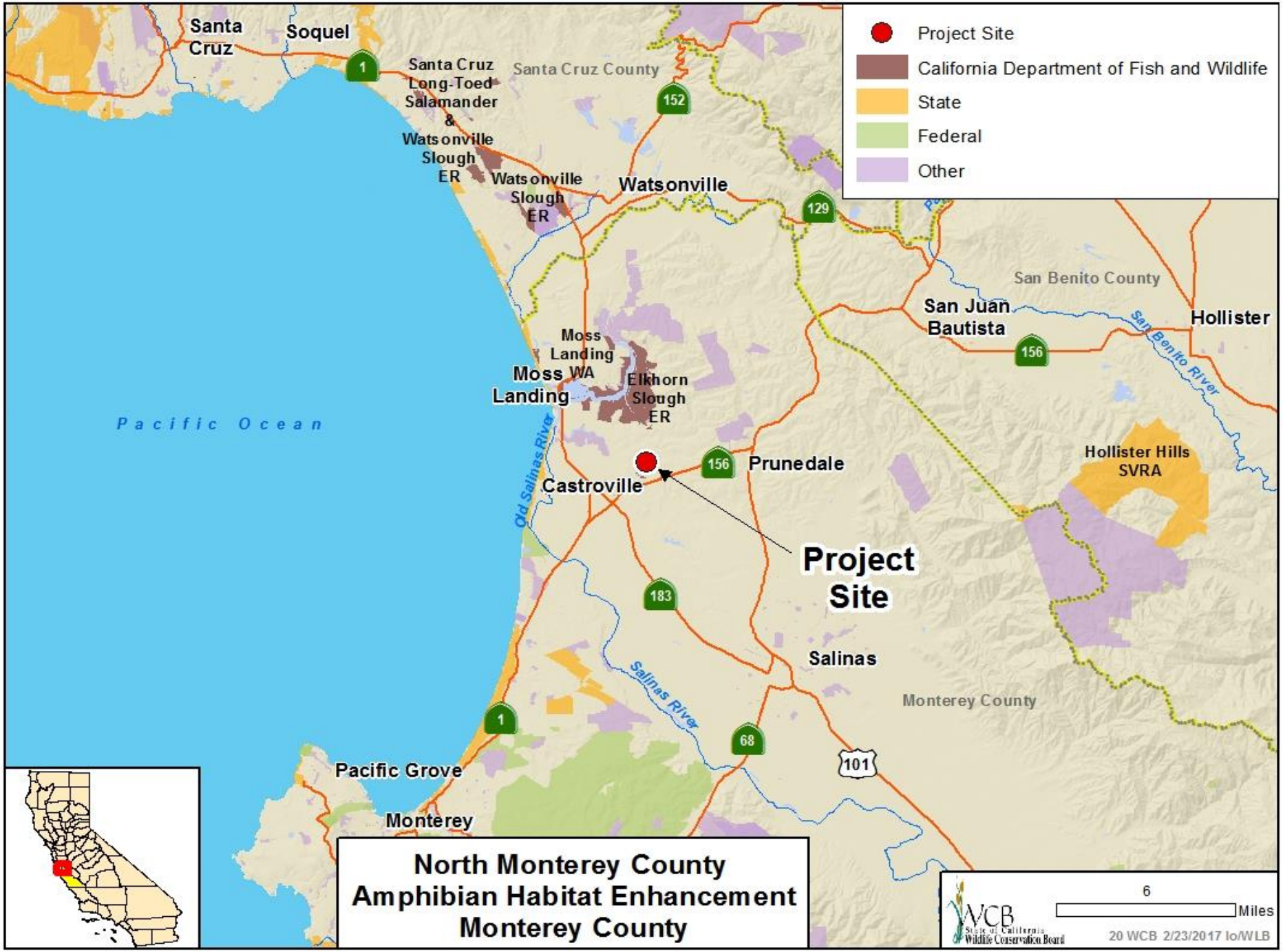
Ramp looking up, sidewalk and pilings on right to be removed, ramp extended in their place to create second launch lane. New float will be in center.

#19. Knights Landing Boat Launch Facility Construction

Boat Launch

#19. Knights Landing Boat Launch Facility Construction

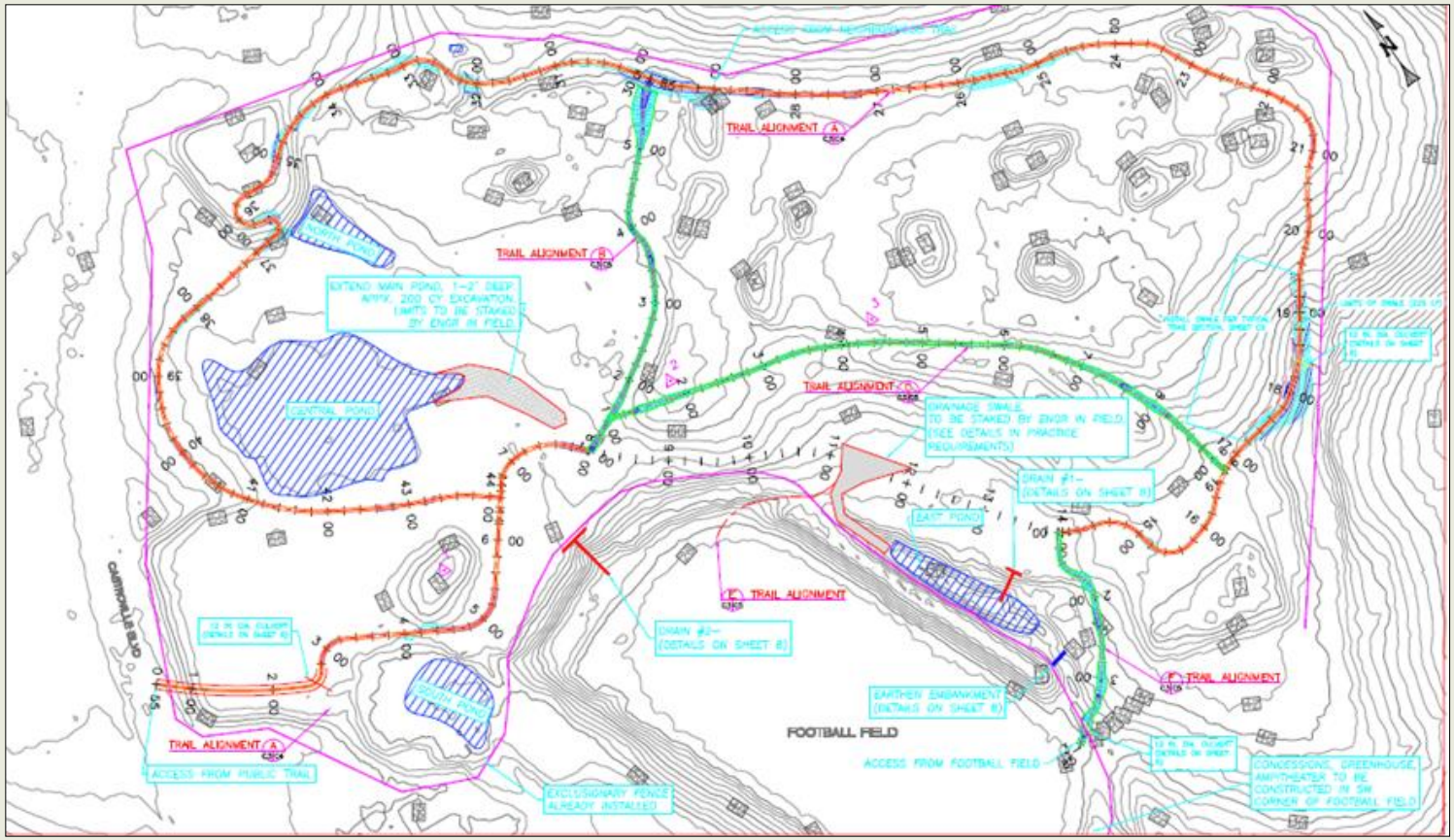
Entry sign to be updated and replaced


Project Site
California Department of Fish and Wildlife
State
Federal
Other
Santa Cruz
Soquel
Santa Cruz Long-Toed Salamander & Watsonville Slough ER
Santa Cruz County
Watsonville Slough ER
Watsonville
San Benito County
San Juan Bautista
Hollister
San Benito River
Moss Landing
Moss Landing WA
Elkhorn Slough ER
Pacific Ocean
Old Salinas River
Prunedale
Castroville
Hollister Hills SVRA
Project Site
Salinas
Salinas River
Monterey County
Pacific Grove
Monterey
North Monterey County
Amphibian Habitat Enhancement
Monterey County
6
Miles
WCB State of California Wildlife Conservation Board
20 WCB 2/23/2017 lo/WLB

#20. North Monterey County Amphibian Habitat Enhancement

Aerial view of project area

#20. North Monterey County Amphibian Habitat Enhancement



Site plan

#20. North Monterey County Amphibian Habitat Enhancement

Aerial view of project area

#20. North Monterey County Amphibian Habitat Enhancement

Central Pond with emergent vegetation

#20. North Monterey County Amphibian Habitat Enhancement

Grassland with coyote bush

#20. North Monterey County Amphibian Habitat Enhancement

Southeast arm of Central Pond

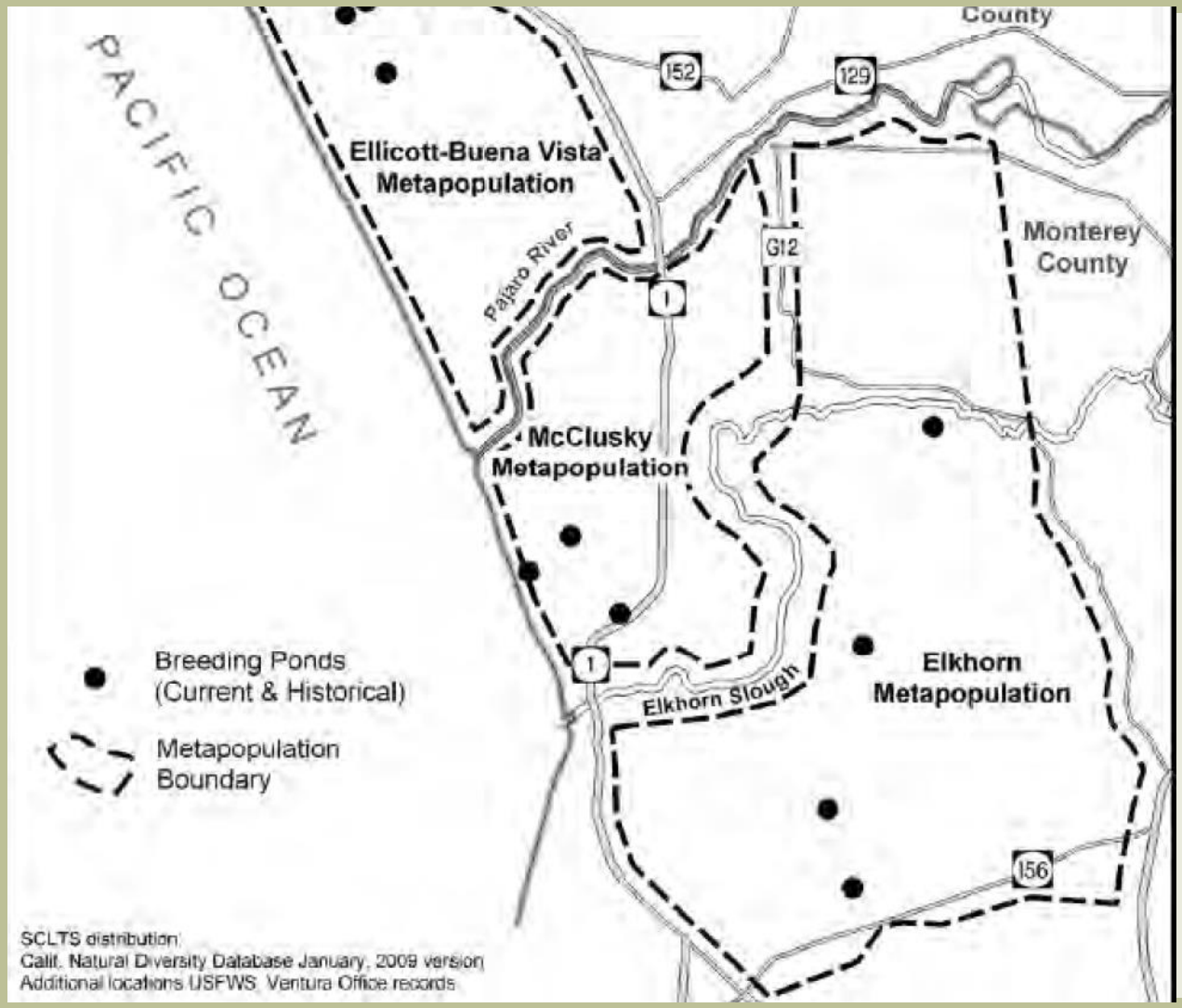
#20. North Monterey County Amphibian Habitat Enhancement

North Pond with emergent vegetation

#20. North Monterey County Amphibian Habitat Enhancement

Santa Cruz Long-toed Salamander

#20. North Monterey County Amphibian Habitat Enhancement



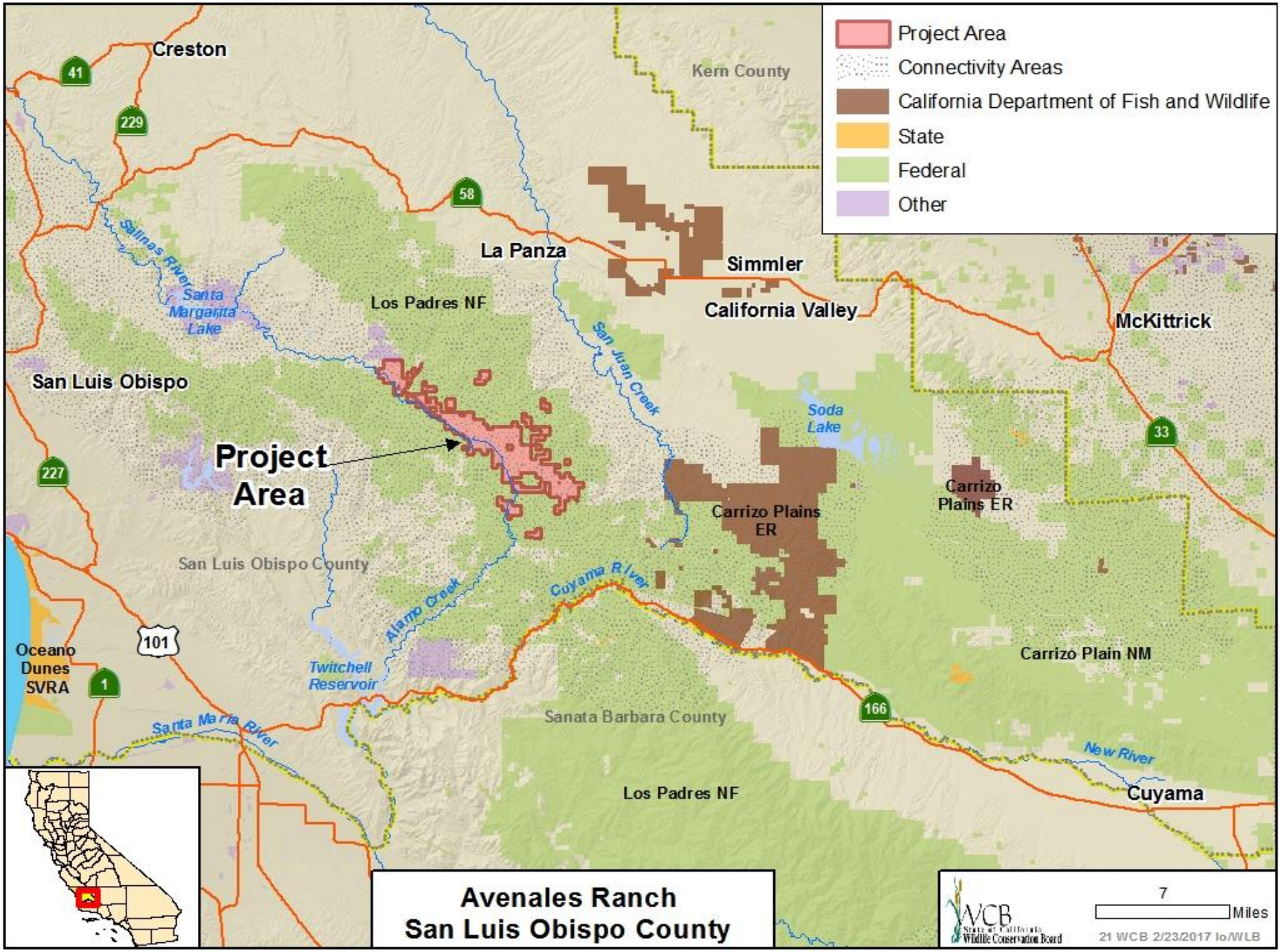
Monterey County SCLTS Populations

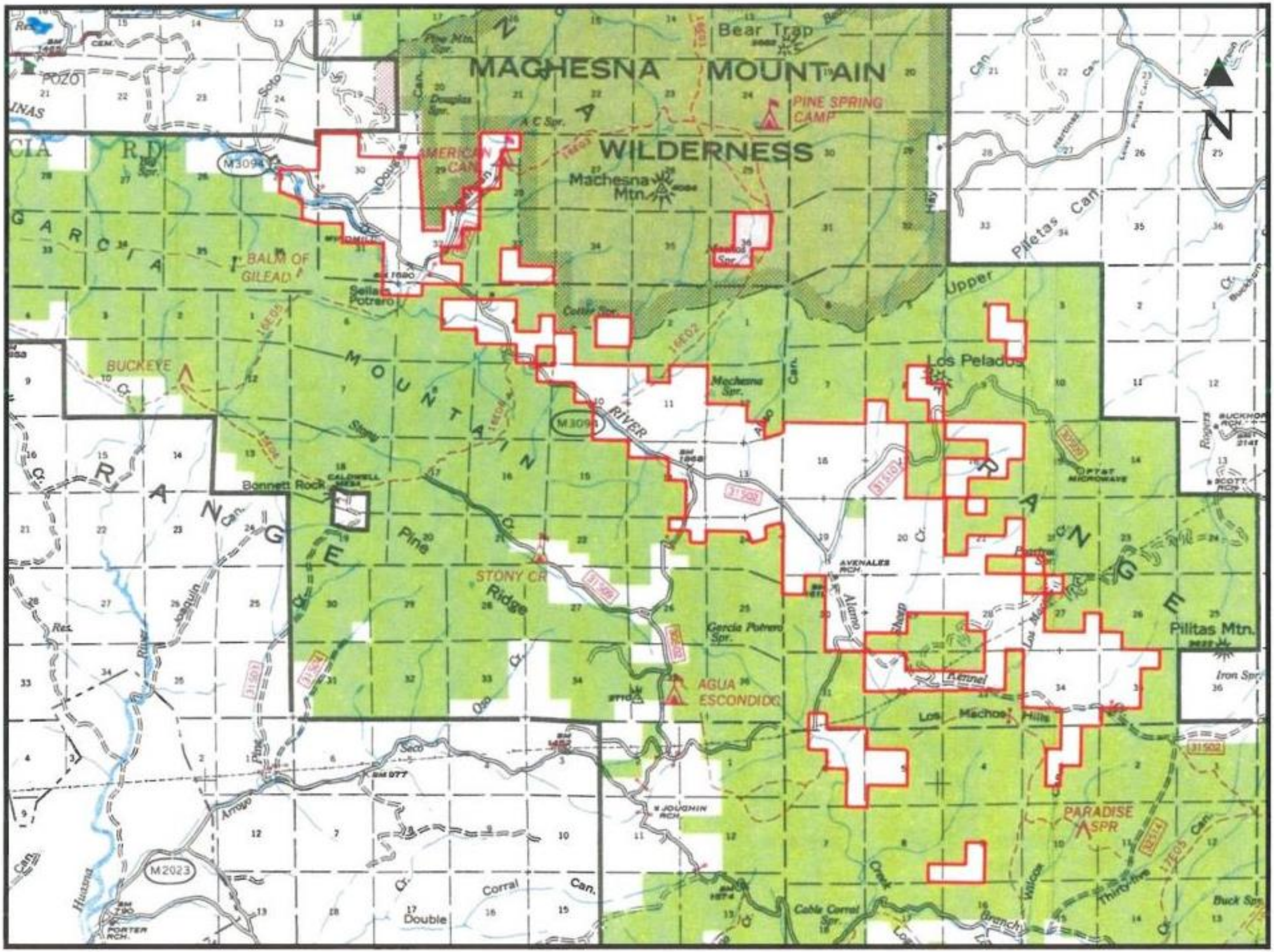
#20. North Monterey County Amphibian Habitat Enhancement

Students and the public planting on Restoration Days

#20. North Monterey County Amphibian Habitat Enhancement

Student restoration activities


Project Area
Connectivity Areas
California Department of Fish and Wildlife
State
Federal
Other
Creston
Kern County
La Panza
Simmler
California Valley
McKittrick
Los Padres NF
Salinas River
Santa Margarita Lake
San Luis Obispo
San Juan Creek
Soda Lake
Project Area
Carrizo Plains ER
San Luis Obispo County
Cuyama River
Atlamo Creek
Twitchell Reservoir
Oceano Dunes SVRA
Carrizo Plain NM
Santa Maria River
Sanata Barbara County
New River
Cuyama
Los Padres NF
Avenales Ranch
San Luis Obispo County
7
Miles
21 WCB 2/23/2017 lo/WLB


MACHESNA MOUNTAIN WILDERNESS
Bear Trap
PINE SPRING CAMP
Machesna Mtn.
AMERICAN CAN.
POZO
GARCIA MOUNTAIN
BALM OF GILEAD
Sellas Potrero
BUCKEYE
Cotter Spr.
Machesna Spr.
Los Pelados
RIVER
M3094
Bonnett Rock
CALDWELL MESA
Pine Ridge
STONY CR
AGUA ESCONDIDO
Garcia Potrero Spr.
AVENALES RCH.
Alamo
Kennel
Los Machos Hills
Pilitas Mtn.
Iron Spr.
PARADISE SPR
Piletas Can.
Upper
PT&T MICROWAVE
BUCKHORN RCH.
SCOTT RCH.
Rogers
LA PANZA RANGE
M2023
Arroyo Seco
JOUGHIN RCH.
PORTER RCH.
Huasna
Double Corral Can.
Cable Corral Spr.
Thirty-five Can.
Wilcox
Branch
Buck Spr.
Douglas Spr.
A C Spr.
N

#21. Avenales Ranch

Typical Oak Woodlands on the Avenales Ranch looking northeast

Photo courtesy of California Rangeland Trust

#21. Avenales Ranch

Typical Oak Woodlands on the Avenales Ranch looking North. Valleys are dominated by grasslands and hill sides are a mixture of oak woodlands and chemise brush.

Photo courtesy of California Rangeland Trust

#21. Avenales Ranch

The Avenales Ranch is home to one of the first reintroduced tule elk herds and they have flourished on the ranch

Photo courtesy of California Rangeland Trust

#21. Avenales Ranch

Tule elk on the Avenales Ranch

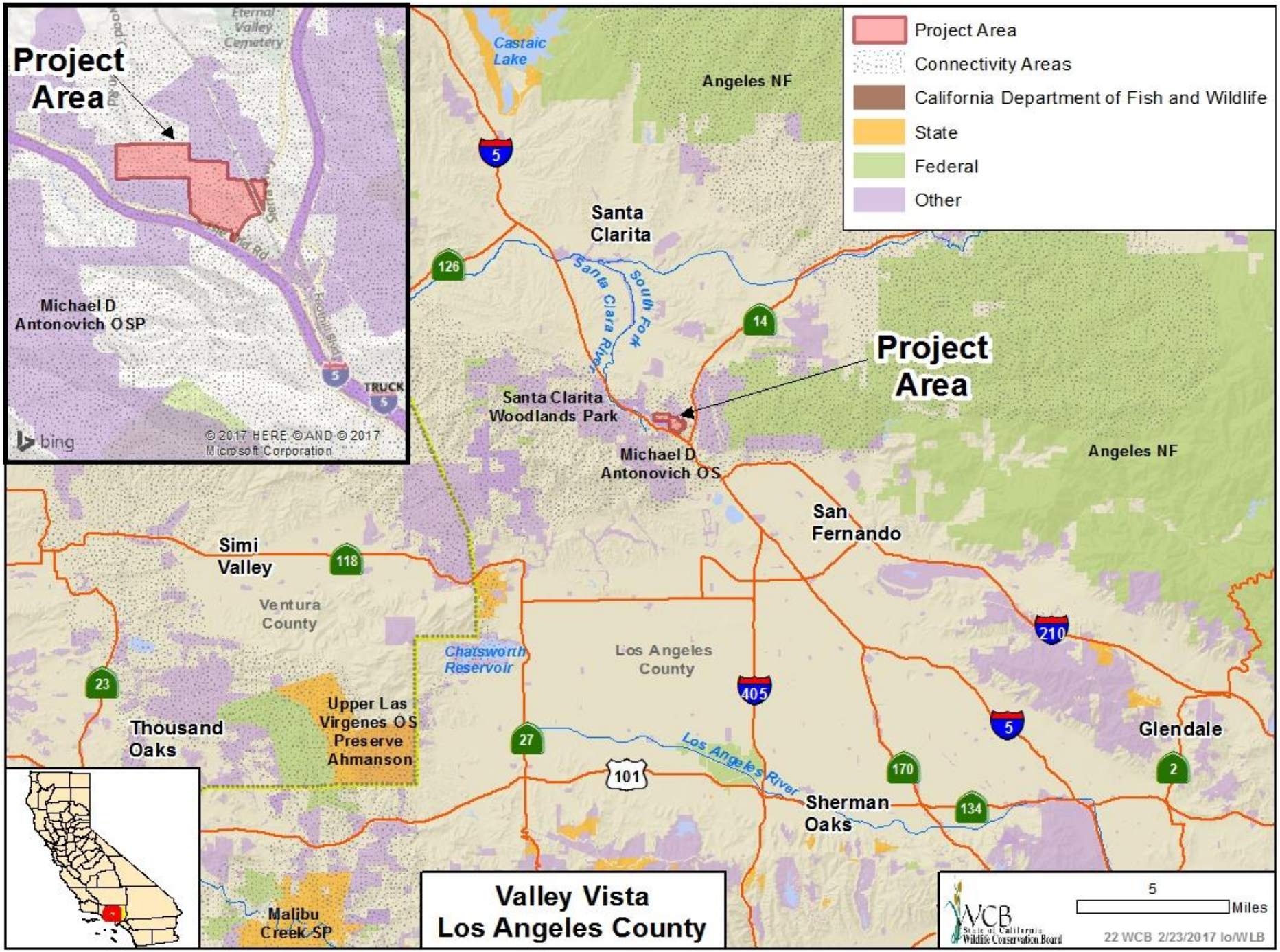
Photo courtesy of California Rangeland Trust

#21. Avenales Ranch

Bobcat on the Avenales Ranch

Photo courtesy of California Rangeland Trust

#21. Avenales Ranch


Project Area
Connectivity Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Michael D Antonovich OSP
Eternal Valley Cemetery
Castaic Lake
Angeles NF
Santa Clarita
Santa Clara River
South Fork
Project Area
Santa Clarita Woodlands Park
Michael D Antonovich OS
Angeles NF
San Fernando
Simi Valley
Ventura County
Chatsworth Reservoir
Los Angeles County
Upper Las Virgenes OS Preserve Ahmanson
Thousand Oaks
Los Angeles River
Sherman Oaks
Glendale
Malibu Creek SP
Valley Vista
Los Angeles County
5
Miles
22 WCB 2/23/2017 lo/WLB

#22. Valley Vista

View from one of the peaks overlooking the San Fernando Valley at the I-5 and Hwy 14 interchange looking south.

Photo courtesy of Trust for Public Land

#22. Valley Vista

Looking south towards Interstate 5. The property is in a prime location for future development.

Photo courtesy of Trust for Public Land

#22. Valley Vista

Grove of Coast Live Oaks.

Photo courtesy of Trust for Public Land

#22. Valley Vista

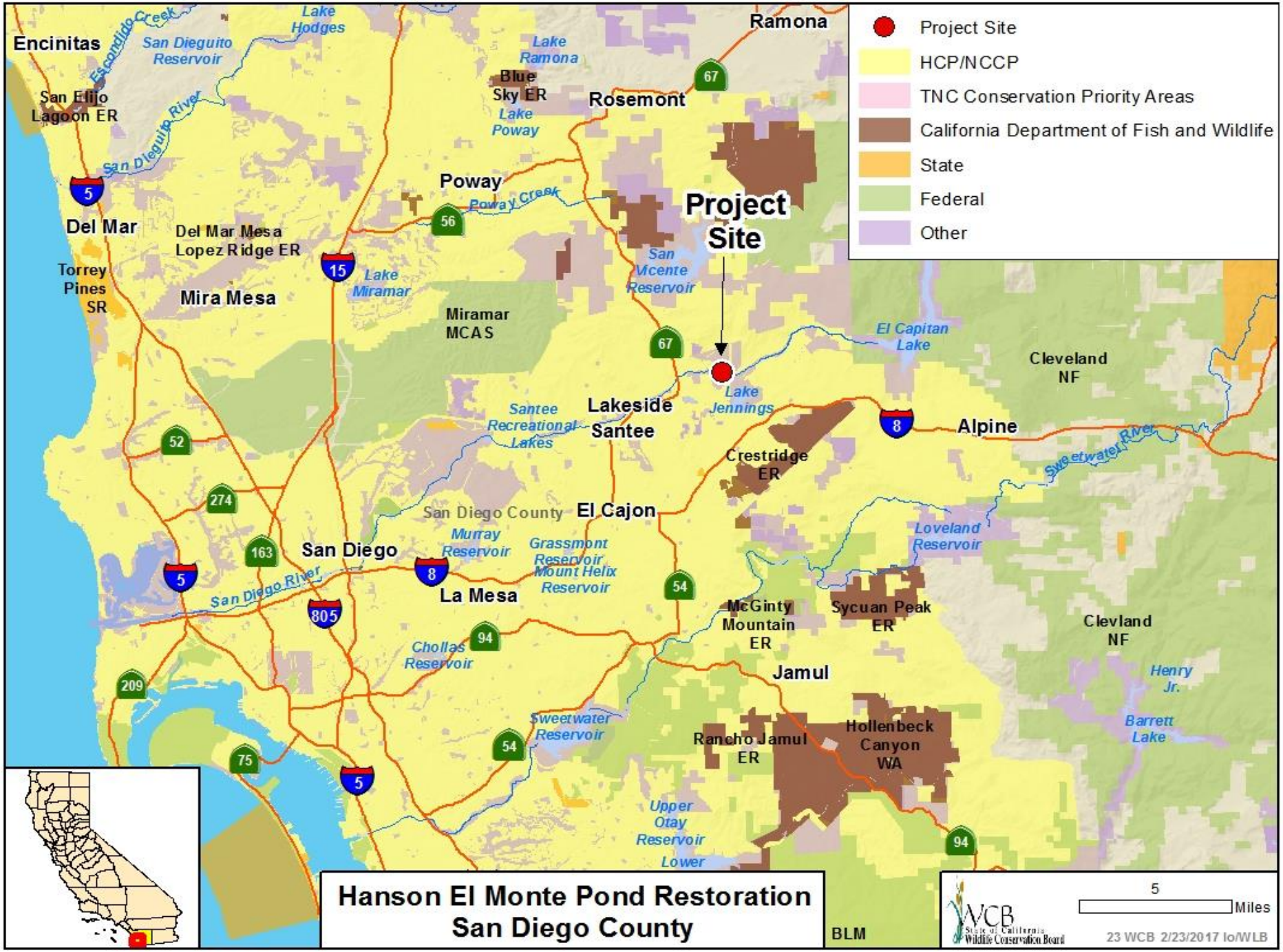
Looking South. Valley Vista will protect valuable habitat linkages between the San Gabriel and the Santa Susana Mountains. The project is documented to contain habitat for four federally listed species: the endangered Southwestern Willow Flycatcher, the endangered Least Bell's vireo, the threatened Coastal California gnatcatcher and the endangered California condor.

Photo courtesy of Trust for Public Land

#22. Valley Vista

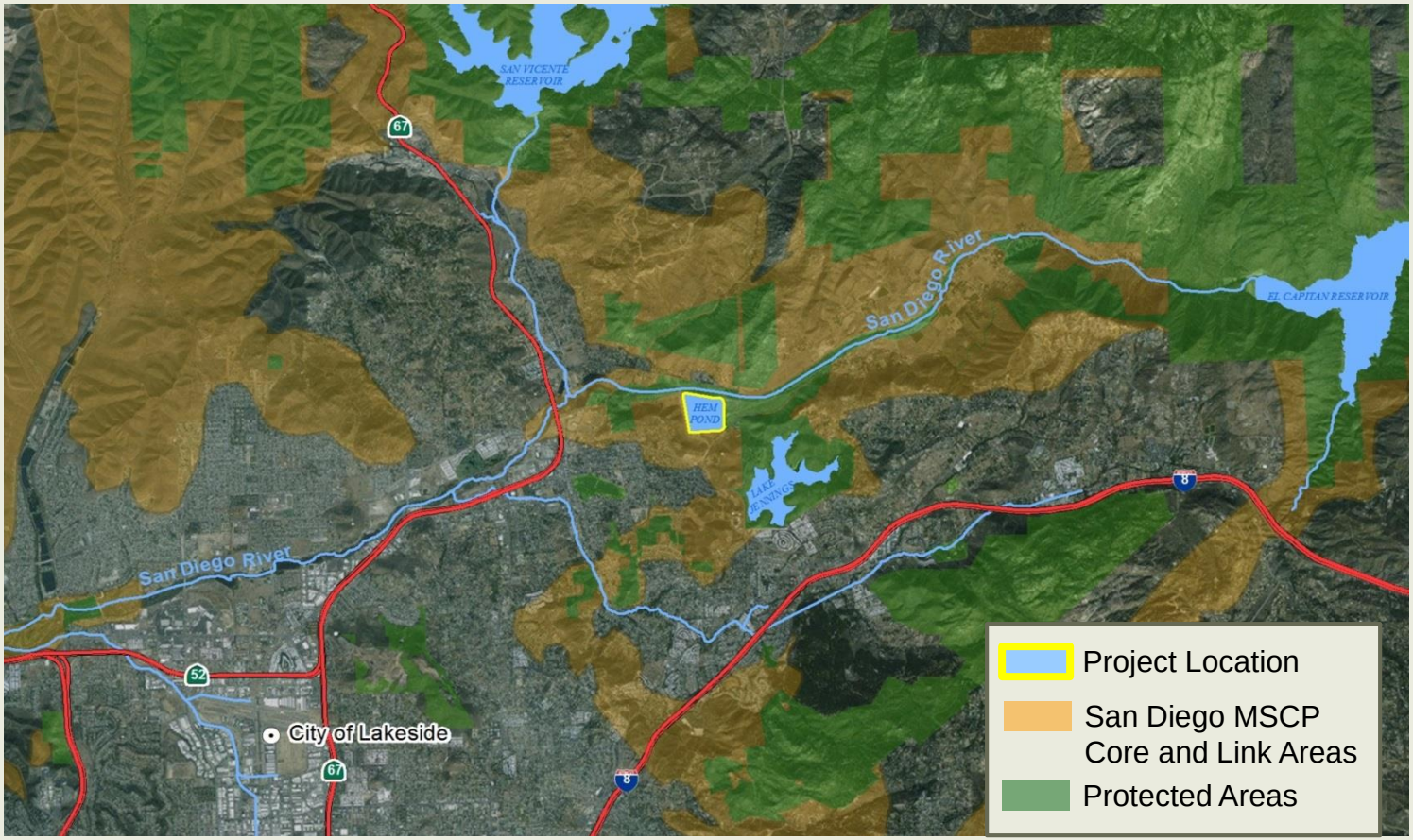
Facing North. Valley Vista is a significant link in a chain of contiguous wildlands known as the “Rim of the Valley”.

Photo courtesy of Trust for Public Land



Hanson El Monte Pond Restoration
San Diego County

#23. Hanson El-Monte Pond Restoration



Project Site Location

#23. Hanson El-Monte Pond Restoration

Project Site: Pre-Construction

Photo courtesy of Lakeside's River Park Conservancy

#23. Hanson El-Monte Pond Restoration

Project site: Post-Construction

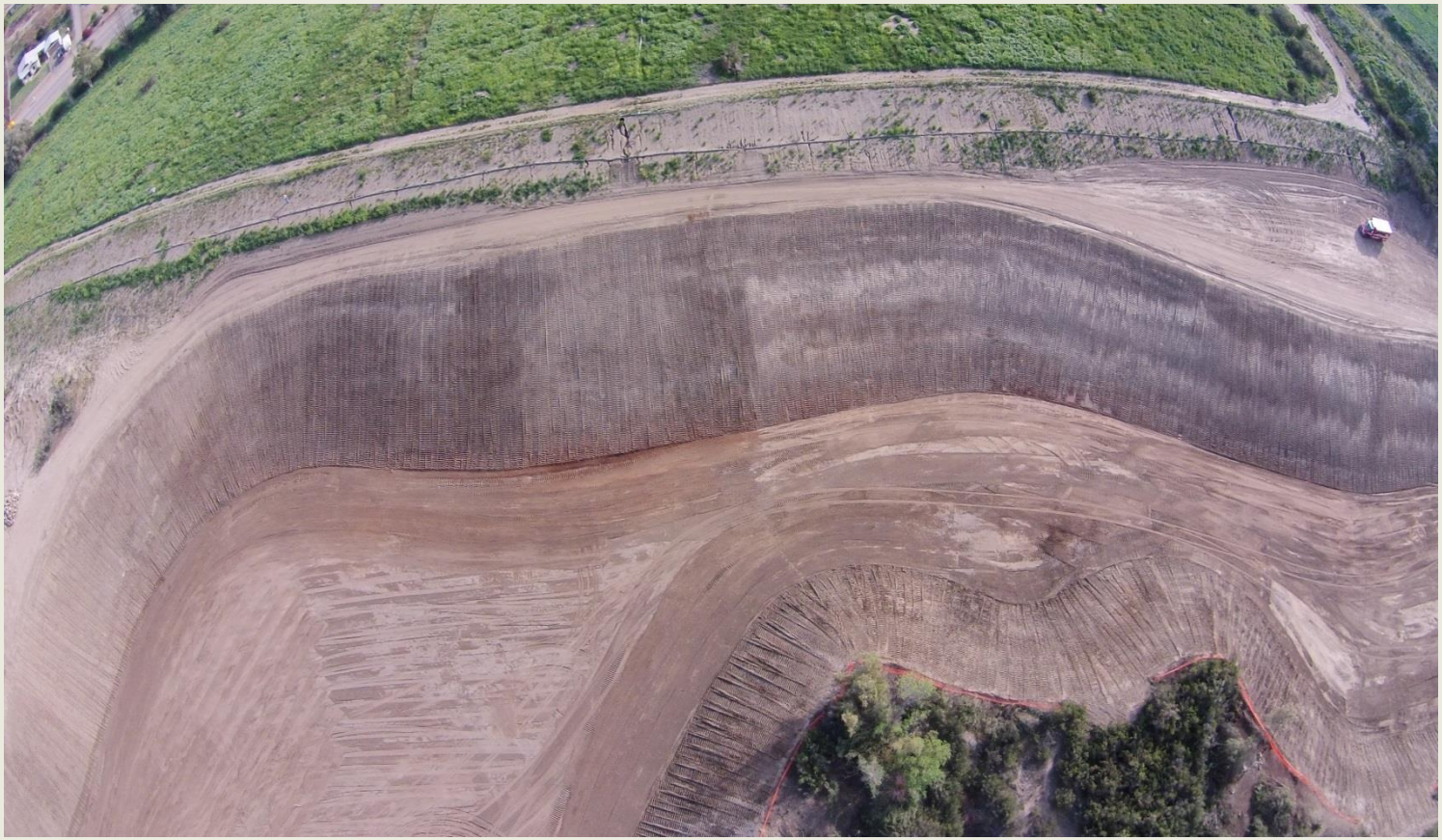
Photo courtesy of Lakeside's River Park Conservancy

#23. Hanson El-Monte Pond Restoration

Revegetation Areas – North End of Pond

Photo courtesy of Lakeside's River Park Conservancy

#23. Hanson El-Monte Pond Restoration



Revegetation Areas – South End of Pond

Photo courtesy of Lakeside's River Conservancy

#23. Hanson El-Monte Pond Restoration

Freshwater Wetlands

Photo courtesy of Friends of Ballona Wetlands

#23. Hanson El-Monte Pond Restoration

San Diego River Riparian Habitat

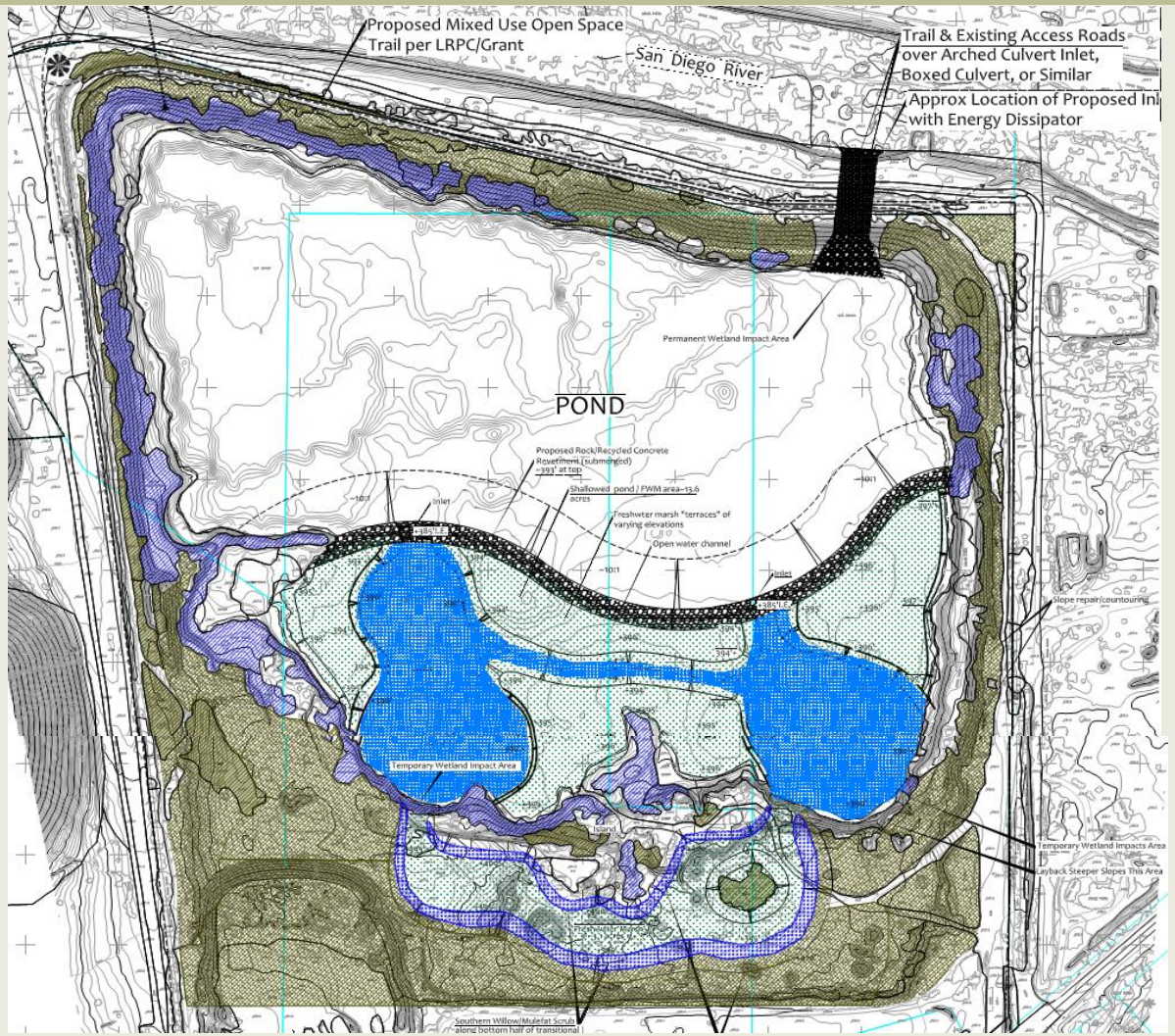
Photo courtesy of Southern California Wetlands Recovery project

#23. Hanson El-Monte Pond Restoration

Coastal Sage Scrub

Photo courtesy of Scott Gibson, Audubon California

#23. Hanson El-Monte Pond Restoration



Revegetation Plan

Habitat Type

- Wetlands
- Riparian
- Upland (Coastal Sage Scrub)

#23. Hanson El-Monte Pond Restoration

White-tailed kite

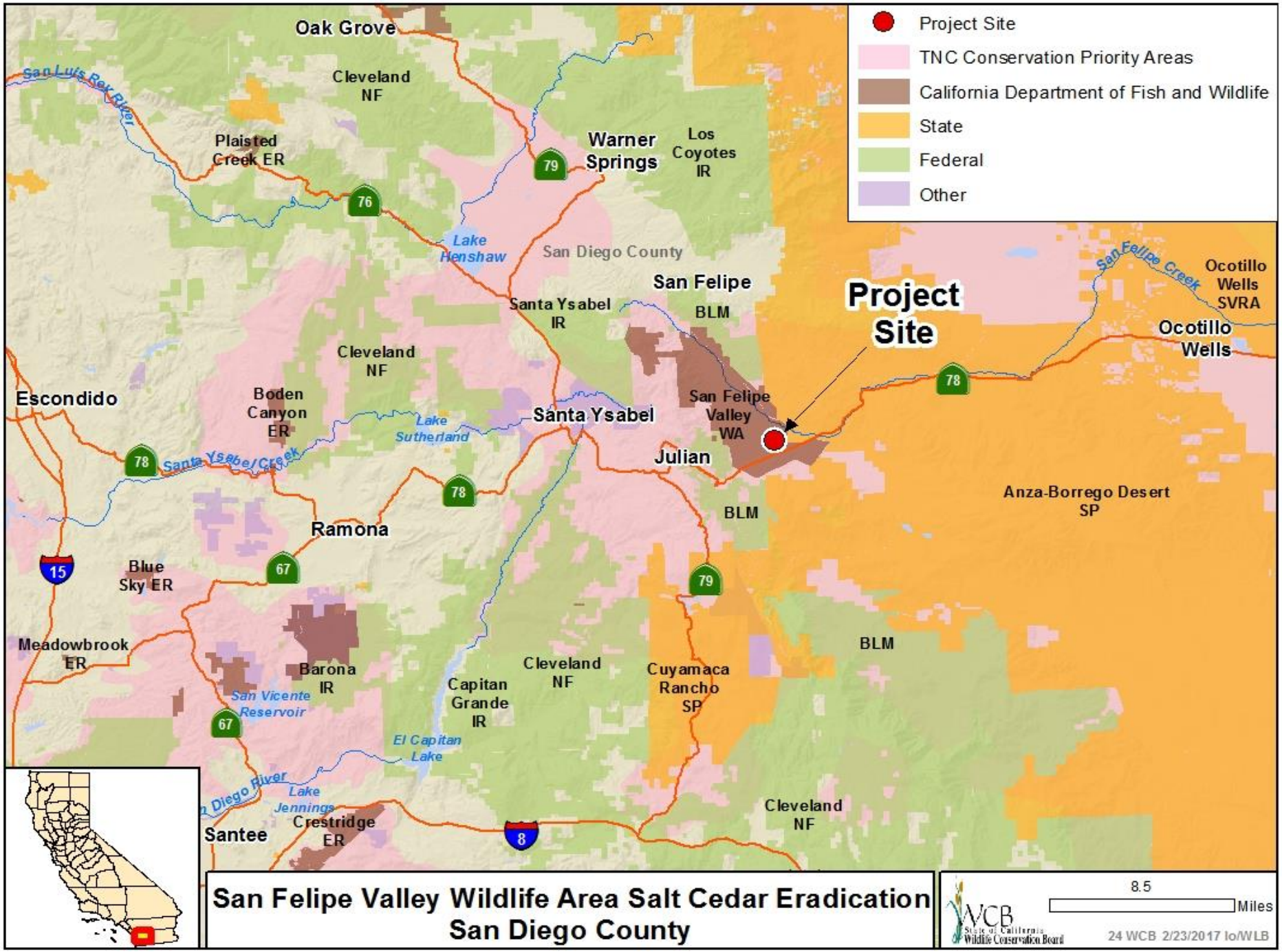
Osprey

Species	Potential to Occur on Site
Glossy snake	Moderate
Silvery legless lizard	High
Orange-throated whiptail	Moderate
Coastal whiptail	High
Northern red-diamond rattlesnake	Moderate
Western pond turtle	Moderate
Coast (San Diego) horned lizard	High
Two-striped garter snake	Moderate
Cooper's hawk (nesting)	High
Tricolored blackbird	Moderate
Southern California rufous crowned sparrow	Moderate
White-tailed kite (nesting)	Moderate
California horned lark	Moderate
Prairie falcon (nesting)	Moderate
Yellow-breasted chat (nesting)	High
Least bittern (nesting)	Moderate
Osprey	Detected on site
Coastal California gnatcatcher	High
Yellow warbler	Detected on site
Least Bell's vireo (nesting)	Detected on site
Townsend's big-eared bat	Moderate
Greater western mastiff bat	Moderate
Western red bat	Moderate
Western yellow bat	Moderate
San Diego black-tailed jackrabbit	Moderate

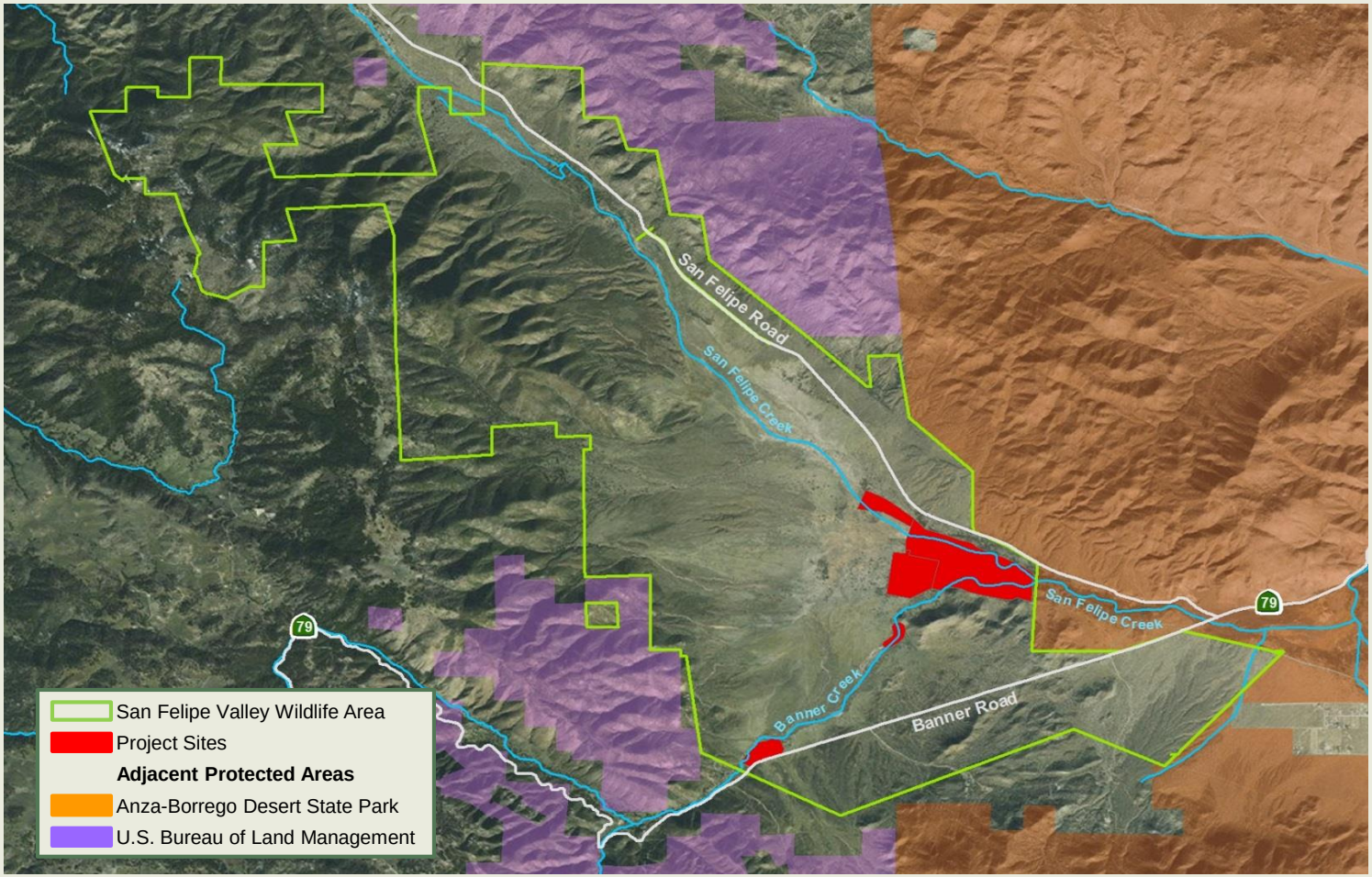
Least bittern

Tricolored blackbird

Photos courtesy of California Department of Fish and Wildlife


Project Site
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Oak Grove
Cleveland NF
San Luis Rey River
Plaisted Creek ER
Warner Springs
Los Coyotes IR
79
76
Lake Henshaw
San Diego County
San Felipe
BLM
Santa Ysabel IR
Project Site
San Felipe Creek
Ocotillo Wells SVRA
Ocotillo Wells
Cleveland NF
Escondido
Boden Canyon ER
Lake Sutherland
Santa Ysabel
San Felipe Valley WA
78
Santa Ysabel Creek
Julian
Anza-Borrego Desert SP
BLM
Ramona
15
67
Blue Sky ER
79
Meadowbrook ER
Barona IR
San Vicente Reservoir
Capitan Grande IR
Cleveland NF
Cuyamaca Rancho SP
BLM
El Capitan Lake
Lake Jennings
Crestridge ER
Santee
8
Cleveland NF
San Felipe Valley Wildlife Area Salt Cedar Eradication
San Diego County
8.5
Miles
WCB State of California Wildlife Conservation Board
24 WCB 2/23/2017 lo/WLB

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication



San Felipe Valley Wildlife Area (SFVWA)

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication

Salt Cedar – *Tamarix SP.*

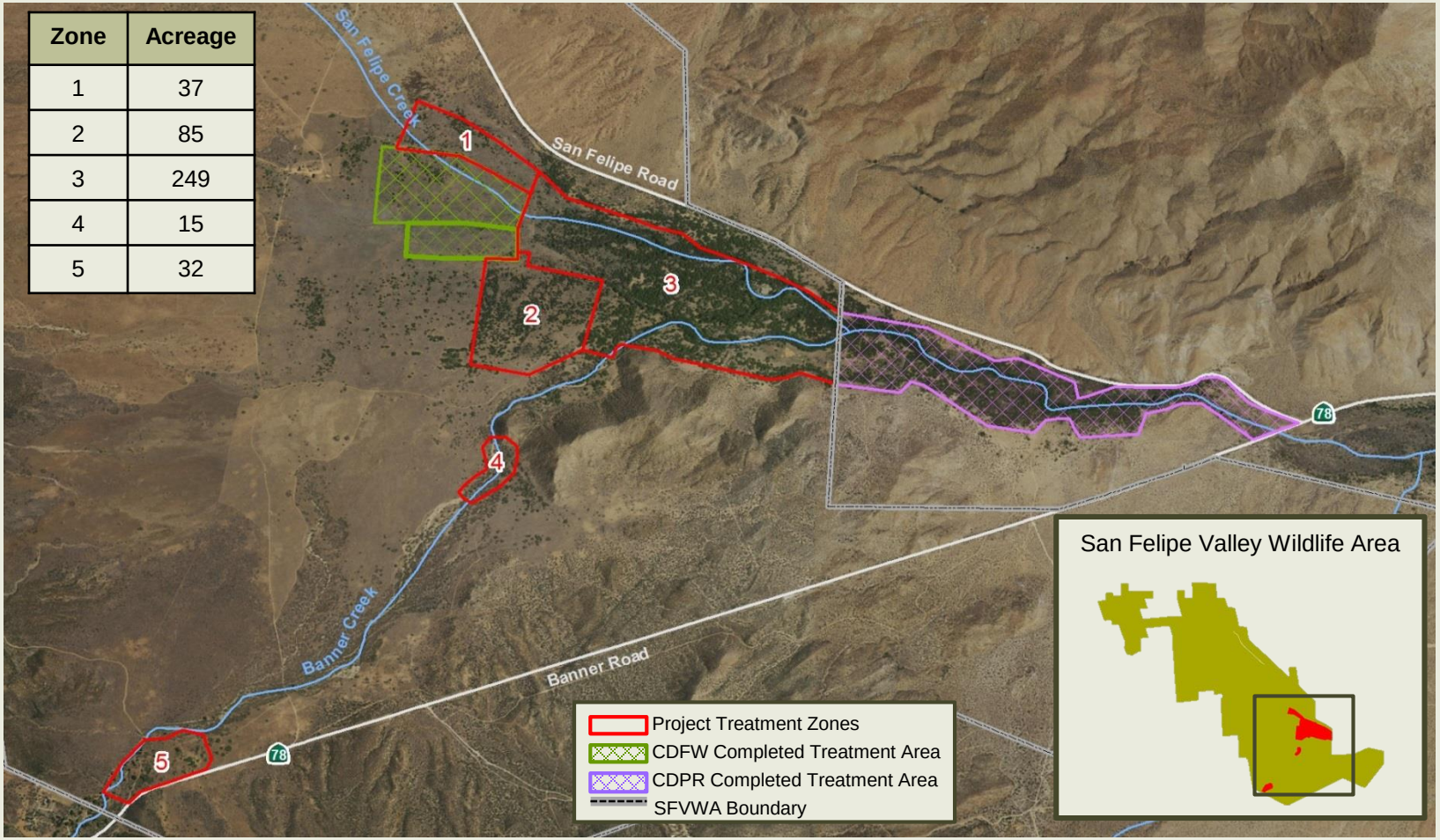
#24. San Felipe Valley Wildlife Area Salt Cedar Eradication

Salt Cedar dominating the understory of riparian habitat

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication

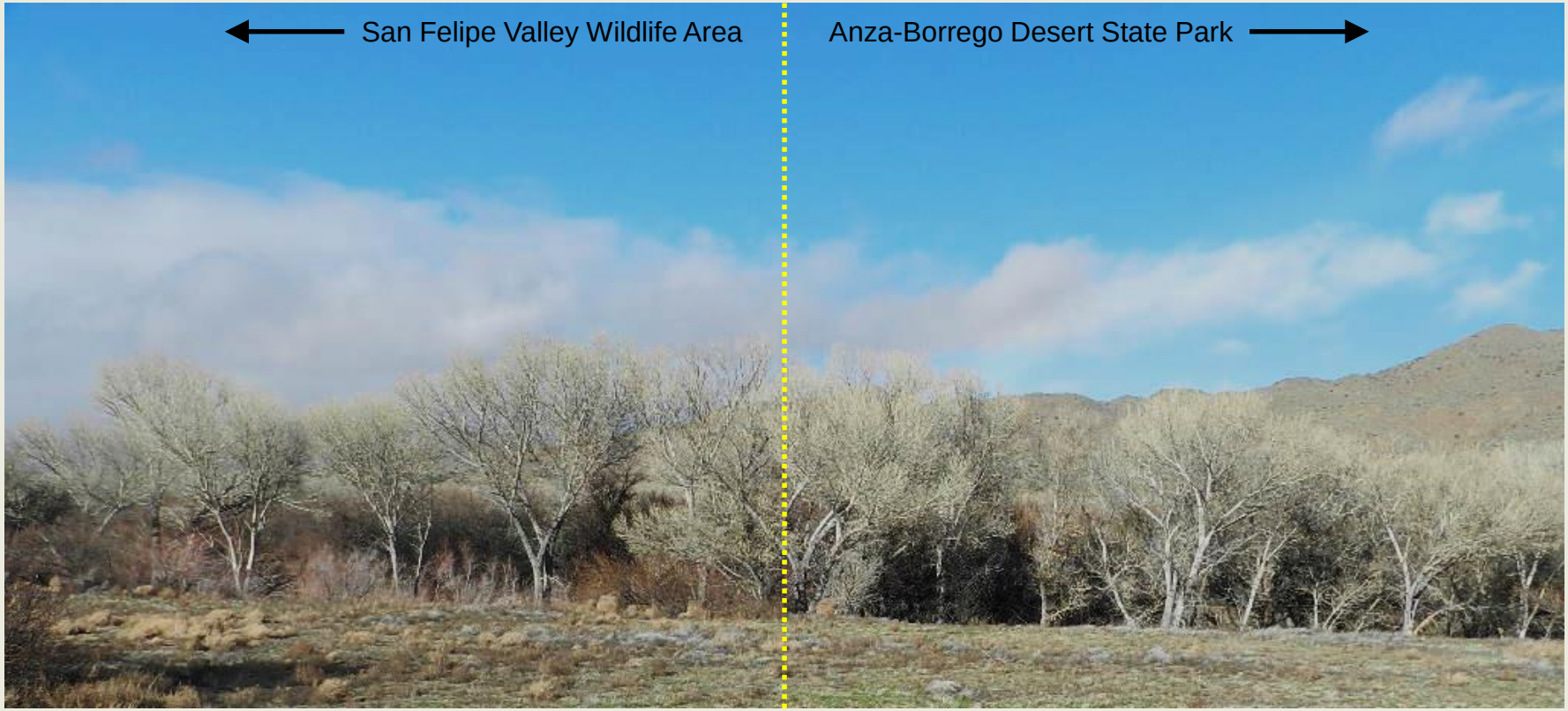
Salt Cedar encroaching onto grasslands in the SFVWA

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication



Salt Cedar eradication locations in the SFWVA

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication



Border of the SFVWA and Anza-Borrego Desert State Park

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication

San Felipe Valley Wildlife Area

Anza-Borrego Desert State Park

Stream bed at the SFVWA and ABDSP border

#24. San Felipe Valley Wildlife Area Salt Cedar Eradication

Least Bell's Vireo

- The SFVWA supports a unique blend of diverse habitat types including desert riparian woodland, chaparral, oak woodland, native grassland, alluvial fan sage scrub, acacia scrub, and mixed hardwood/conifer forest.
- San Diego State University Field Station Program identified as many as 483 species of plants and animals present in the wildlife area
- More than 40 of those species are special status species.
- Annual aerial composition surveys conducted by CDFW indicate that the area supports a relatively high density resident deer population year-round.
- The SFVWA is a critical link in a large network of open space and wildlife habitat that stretches from the Pacific Ocean through the coastal range and inland forests to California's resource-rich desert

Southwestern Willow Flycatcher

Yellow-billed Cuckoo

Peninsular Desert Bighorn Sheep