

Canebrake Ecological Reserve,
Kern County

May 22, 2008 WCB Board Meeting
State Capitol, Room 112
Sacramento, California 95814



WCB Staff Photo

6 Humboldt Bay Coastal Reserve, Expansion 2, Humboldt County



View of property looking south. The Stamps acquisition (2007) in distance (structure).

6 Humboldt Bay Coastal Reserve, Expansion 2, Humboldt County



View of property looking north.

6 Humboldt Bay Coastal Reserve, Expansion 3, Humboldt County

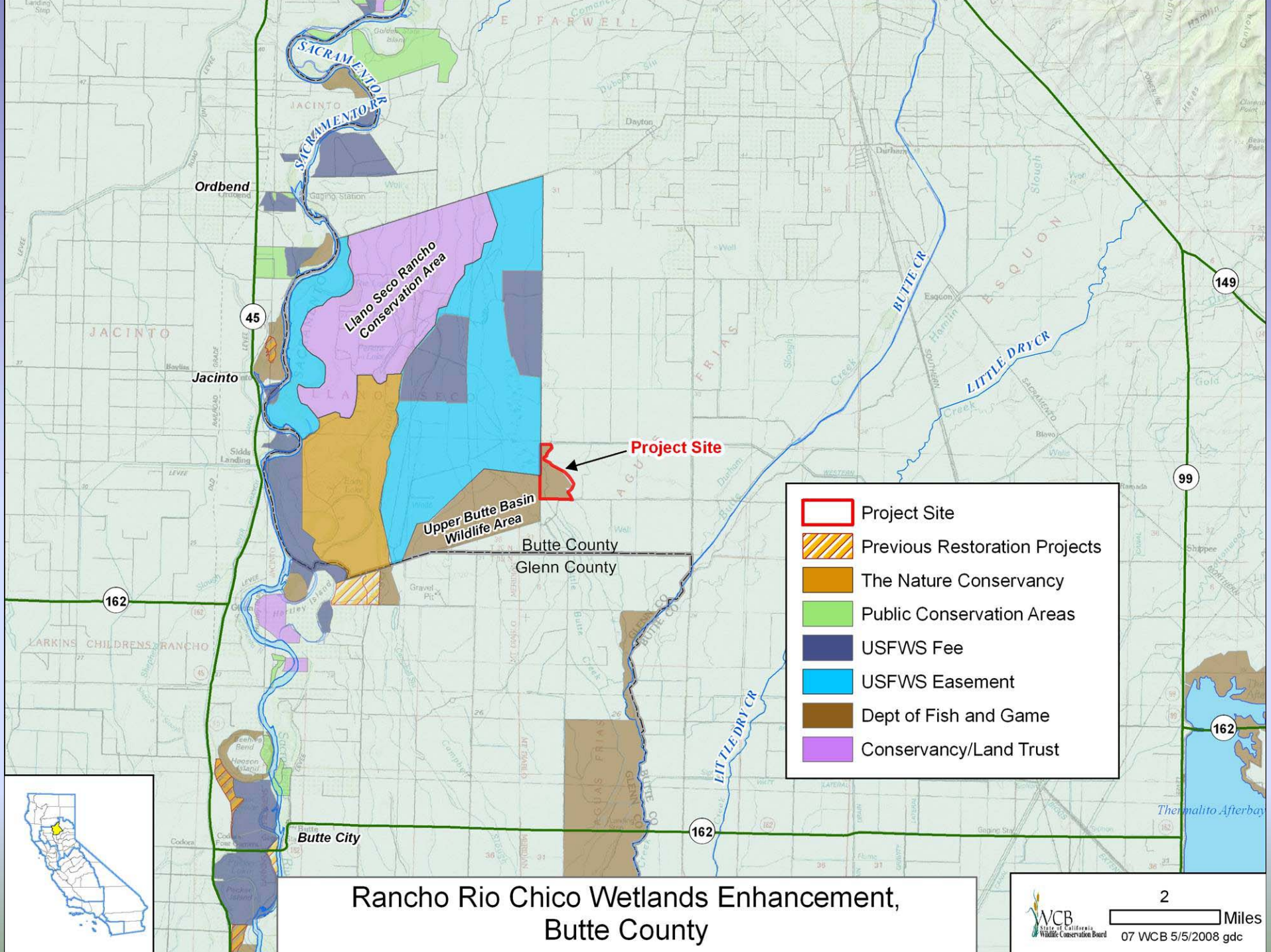


View of subject looking west.

6 Humboldt Bay Coastal Reserve, Expansion 3, Humboldt County



View of subject looking south.



Rancho Rio Chico Wetlands Enhancement, Butte County

7 Rancho Rio Chico Wetland Enhancement, Butte County

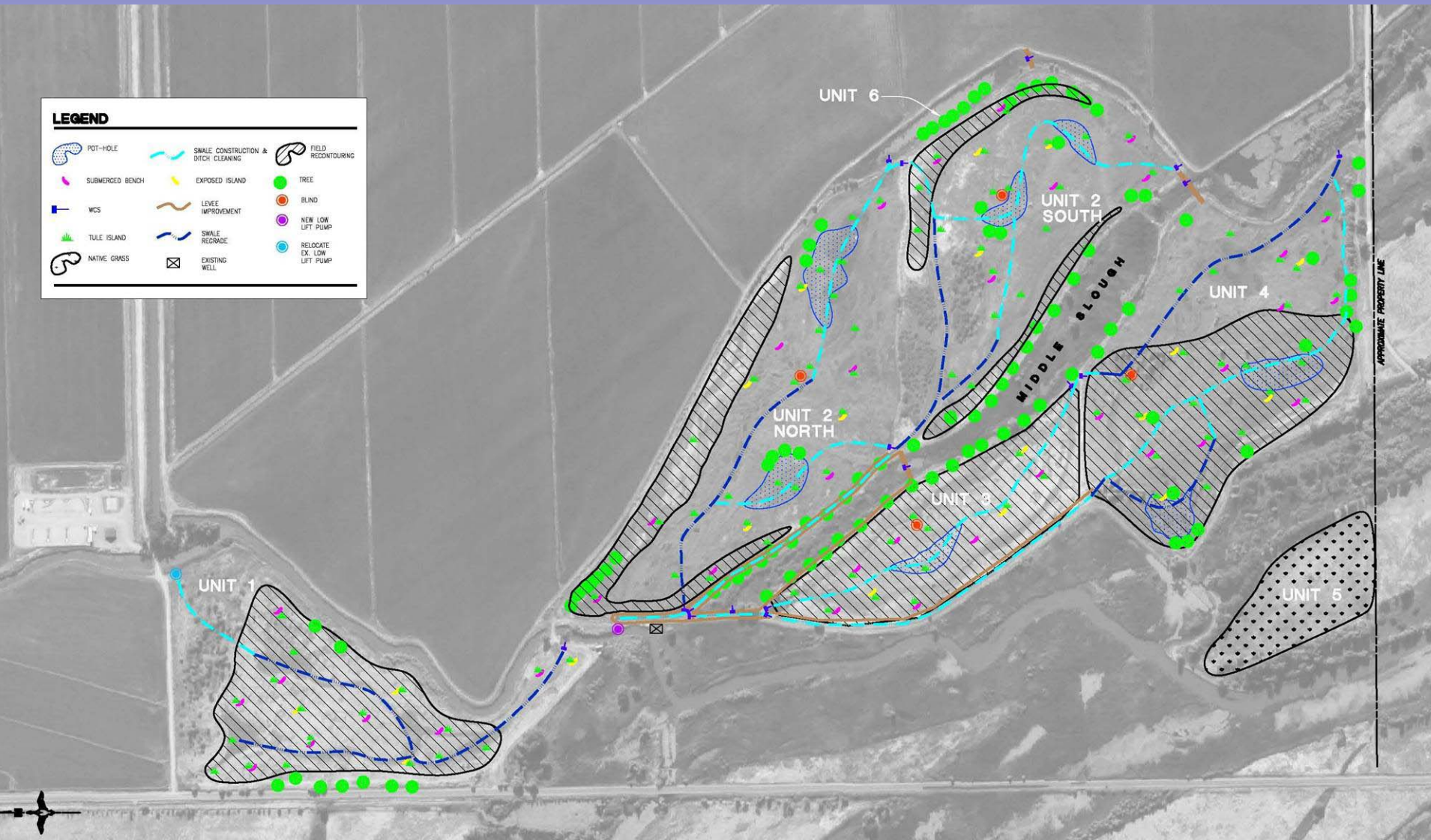
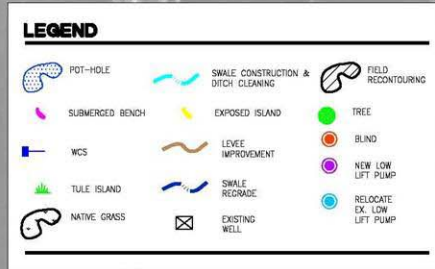


FIGURE C-3. RANCHO RIO CHICO CONCEPTUAL DESIGN

REVISIONS				DATE		APPROVED	 DUCKS UNLIMITED INC. <small>WESTERN REGIONAL OFFICE</small>	PROJECT NO. CA-0448-001 RANCHO RIO CHICO SITE PLAN	DESIGNED BY:
REV. NO.	DESCRIPTION								DESIGNED BY:
1									DESIGNED BY:
2									DESIGNED BY:
3									DESIGNED BY:
4									DESIGNED BY:
5									DESIGNED BY:
6									DESIGNED BY:
7									DESIGNED BY:
8									DESIGNED BY:
9									DESIGNED BY:
10									DESIGNED BY:

DATE: 03.25.08	SHEET NO. 1 OF 1	APPROVED BY:	CHECKED BY:
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UNAUTHORIZED CHANGES & USES
 ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE
 OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE
 PLANS. ALL CHANGES MUST BE IN WRITING AND MUST BE APPROVED BY
 PREPARER OF THESE PLANS.

7 Rancho Rio Chico Wetland Enhancement, Butte County



Unit 2 North needs improved drainage capabilities.

7 Rancho Rio Chico Wetland Enhancement, Butte County



Southern most unit cannot be drained completely – notice heavy tule growth.

7 Rancho Rio Chico Wetland Enhancement, Butte County



Unit 1, the northern most unit, cannot be flooded.

7 Rancho Rio Chico Wetland Enhancement, Butte County



Southern upland area is full of non-native grasses. This area will be planted to natives.

8 Riparian Habitat Restoration, Feather River Wildlife Area, O'Connor Lakes Unit Fund Shift, Sutter County



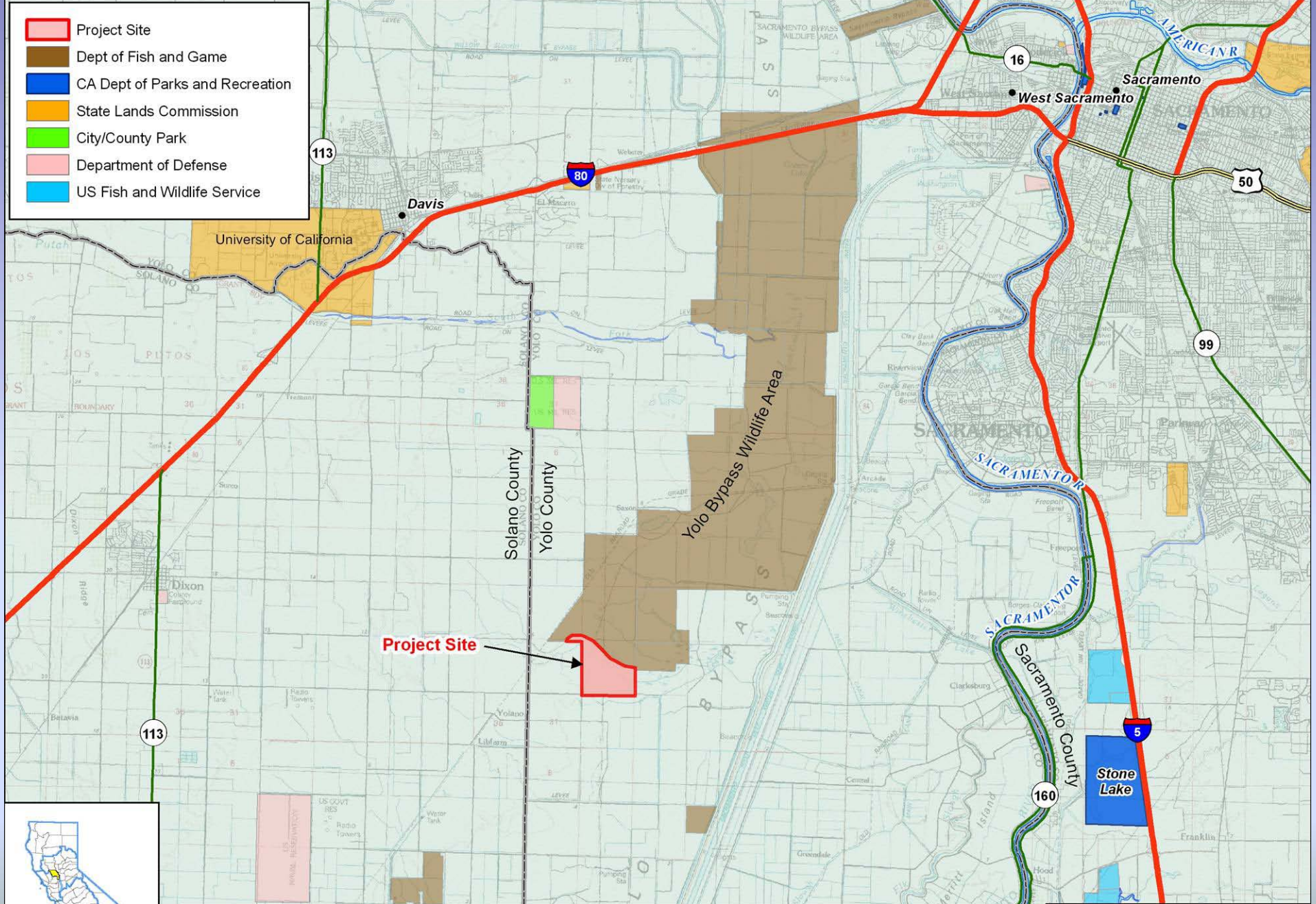
Looking east toward the Feather River (photo taken from levee).

8 Riparian Habitat Restoration, Feather River Wildlife Area, O'Connor Lakes Unit Fund Shift, Sutter County



Looking northeast from levee. Larger trees on horizon are along Feather River.

- Project Site
- Dept of Fish and Game
- CA Dept of Parks and Recreation
- State Lands Commission
- City/County Park
- Department of Defense
- US Fish and Wildlife Service



Yolo Bypass Wildlife Area Fireman's Unit Wetland Enhancement, Yolo County

9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County

Fireman's Youth Hunt Area WCB Proposal

Yolo Bypass Wildlife Area

- Water Control Structures
- New Gates
- New Blinds
- New Gravel Road
- New 3 Wire Fencing
- Swale
- Refurbished Levee
- Parking Lot
- Uplands



0 500 1,000 2,000 Feet



9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County

A meandering swale, completely choked with
tules indicating poor drainage, flows through
the upland grasslands of the Fireman's Unit.

(Photo by Dave Feliz)



9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County

Existing levees need strengthening and wetlands enhanced to improve water management.



9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County

New fencing will tie into existing fence line, allowing the Department to better manage the grazing program on-site.



9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County

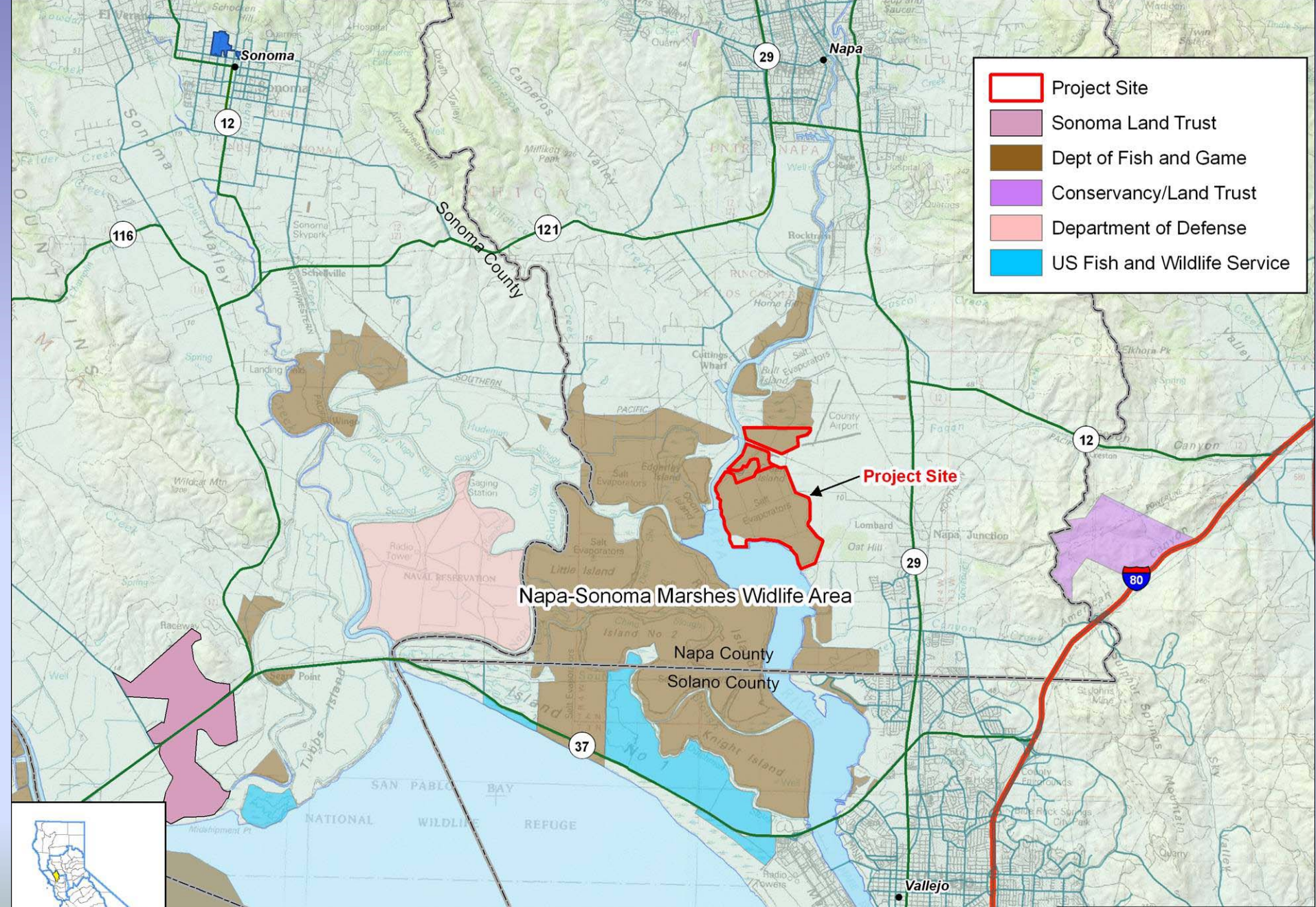
Uplands and vernal pools adjacent to the enhanced wetlands will also be enhanced through better grazing management.



9 Yolo Bypass Wildlife Area, Fireman's Unit Wetland Enhancement, Yolo County



Waterfowl use in the area can be impressive in the spring when the wetlands are full and the grasses are short. (Photo by Dave Feliz)



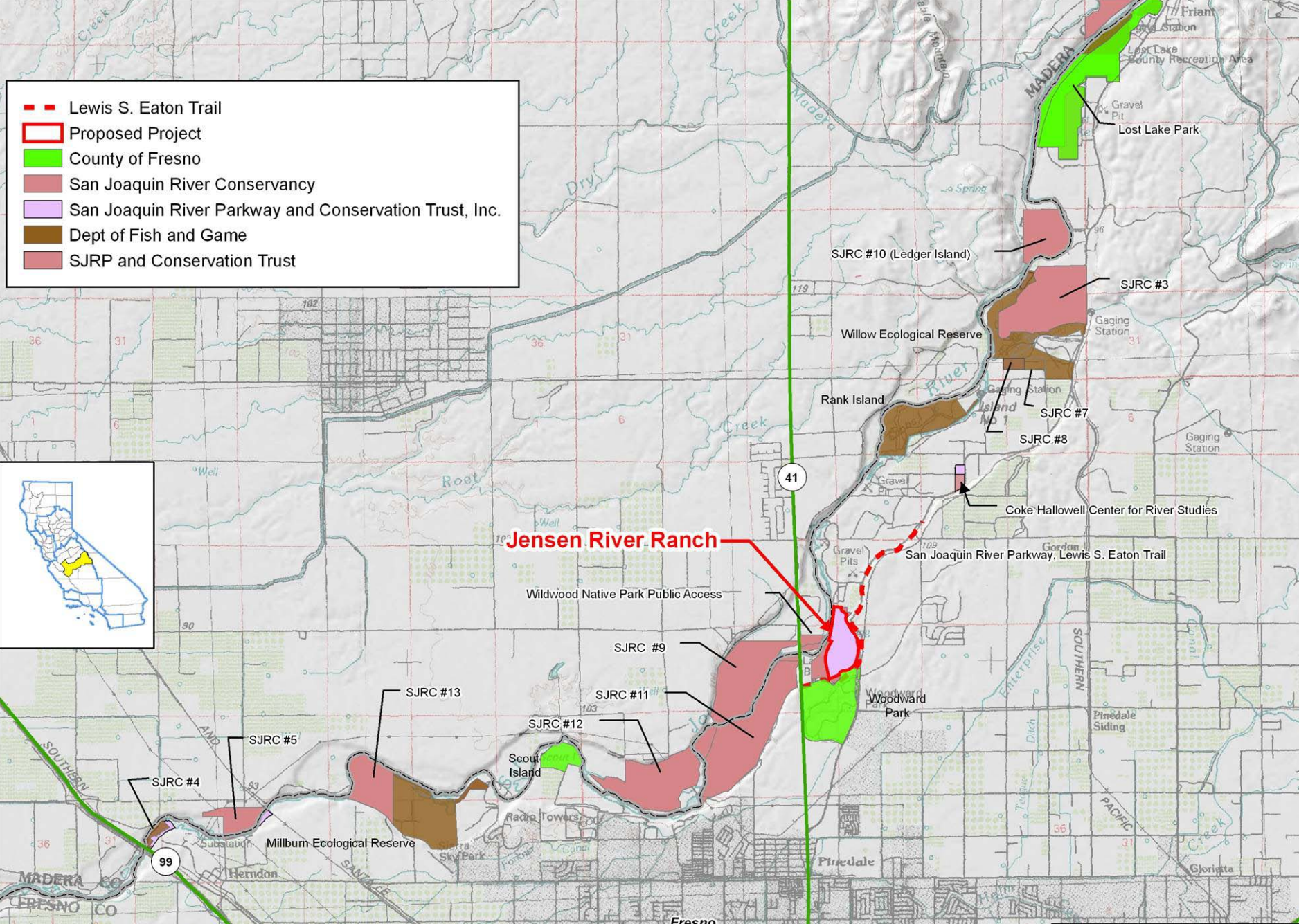
Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, South Unit Pre-construction Planning and Design, Napa County

10 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, South Unit Pre-construction Planning and Design, Napa County

Aerial overview of Napa Plant
Site showing South Unit
Ponds below Ponds W1, W2,
and W3



- Lewis S. Eaton Trail
- Proposed Project
- County of Fresno
- San Joaquin River Conservancy
- San Joaquin River Parkway and Conservation Trust, Inc.
- Dept of Fish and Game
- SJRP and Conservation Trust



San Joaquin River Parkway, Habitat Restoration and Public Access, Jensen River Ranch, Phase II Planning and Design, Fresno County

11 San Joaquin River Parkway, Habitat Restoration and Public Access, Jensen River Ranch, Phase II Planning and Design, Fresno County



MacMichael Trailhead at Jensen River Ranch

11 San Joaquin River Parkway, Habitat Restoration and Public Access, Jensen River Ranch, Phase II Planning and Design, Fresno County



Narrow riparian riverbank to be terraced to expand riparian woodland

11 San Joaquin River Parkway, Habitat Restoration and Public Access, Jensen River Ranch, Phase II Planning and Design, Fresno County

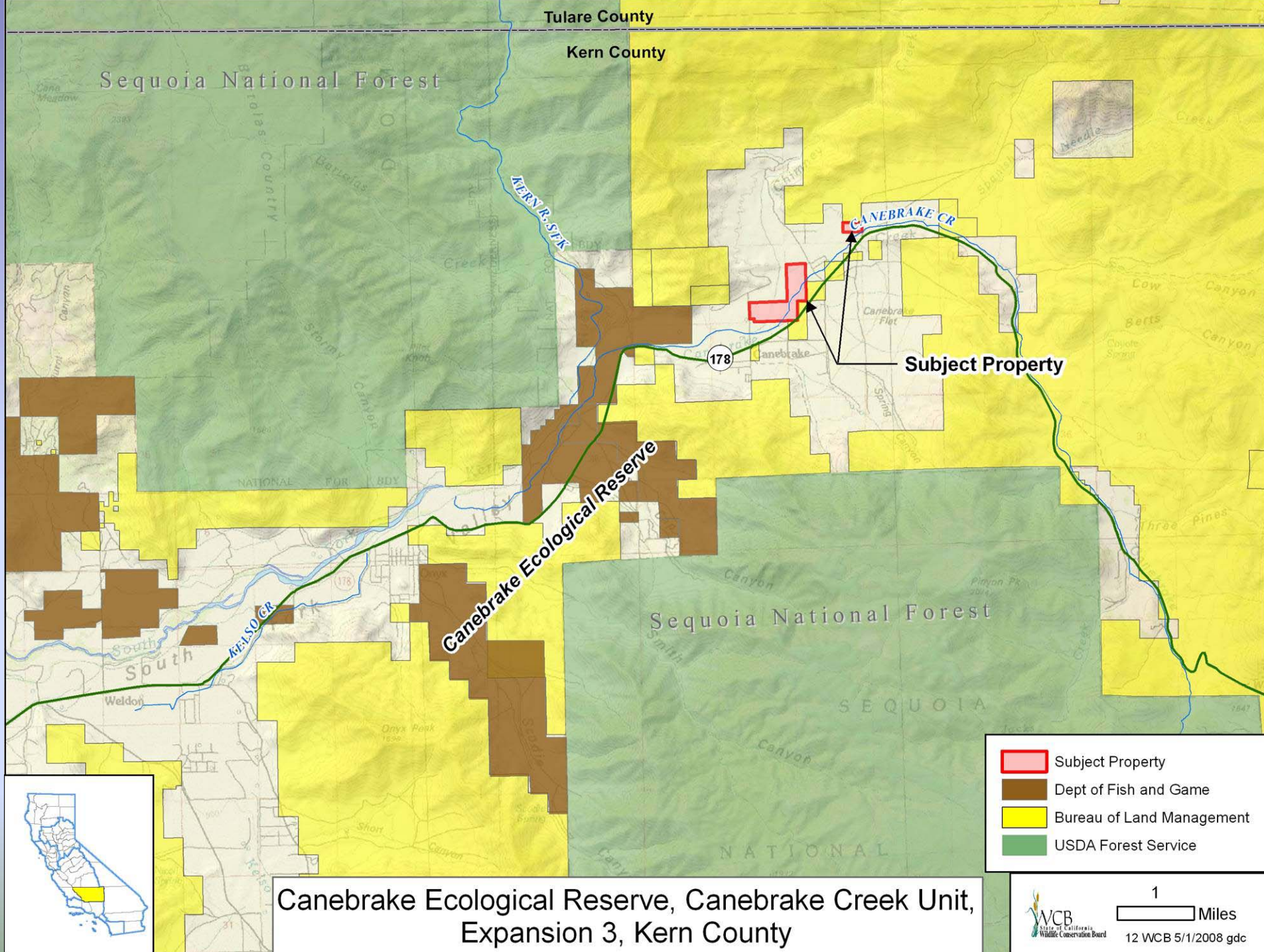


Restoration in progress at the Jensen River Ranch

11 San Joaquin River Parkway, Habitat Restoration and Public Access, Jensen River Ranch, Phase II Planning and Design, Fresno County

Photo of Phase II Site to be restored at Jensen River Ranch





Canebrake Ecological Reserve, Canebrake Creek Unit,
Expansion 3, Kern County

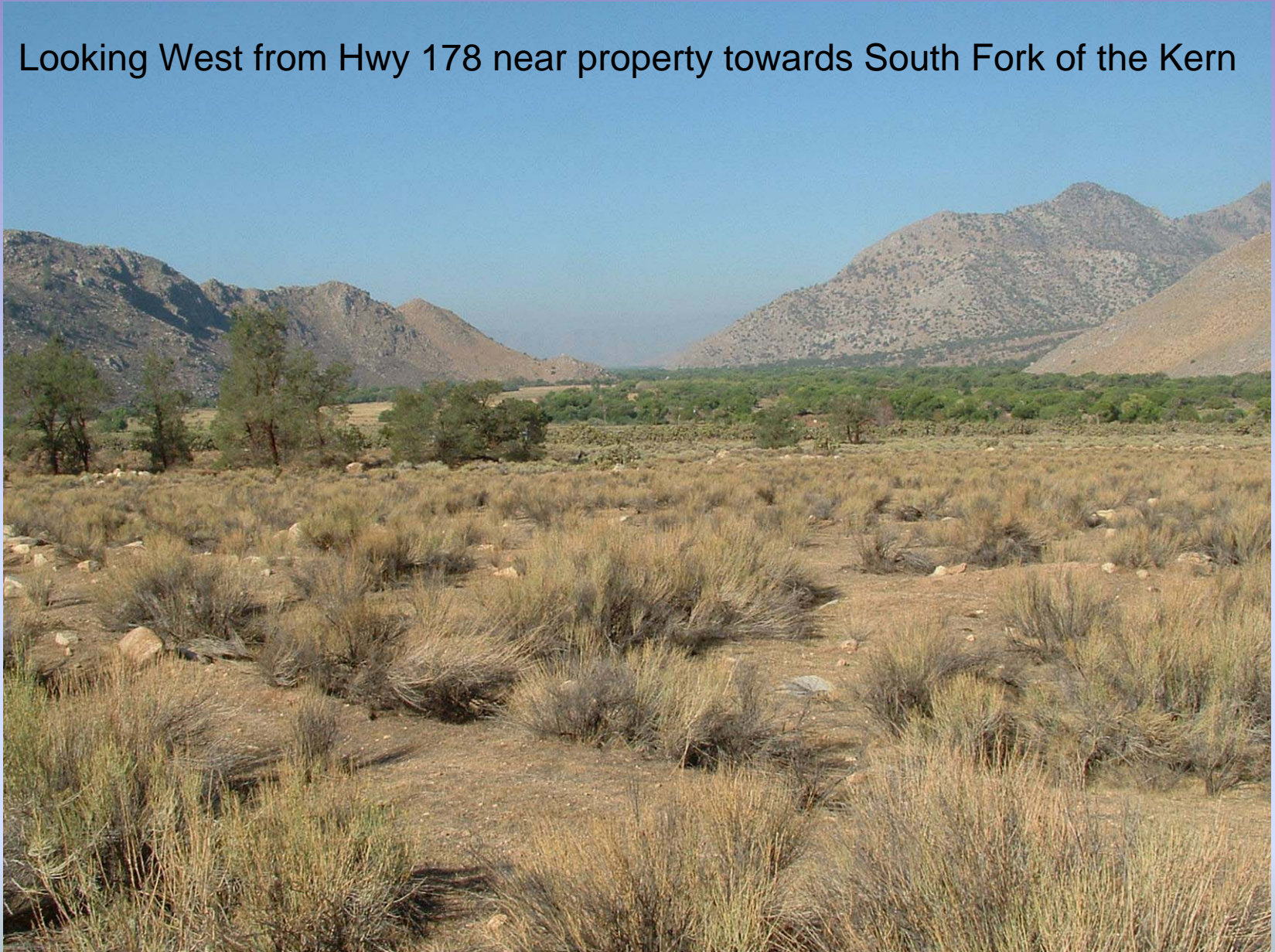
12 Canebrake Ecological Reserve, Canebrake Creek Unit, Expansion 3, Kern County

Looking Southeast across property towards Hwy 178, Scodie and Kiavah Mountains in background



12 Canebrake Ecological Reserve, Canebrake Creek Unit, Expansion 3, Kern County

Looking West from Hwy 178 near property towards South Fork of the Kern



12 Canebrake Ecological Reserve, Canebrake Creek Unit, Expansion 3, Kern County

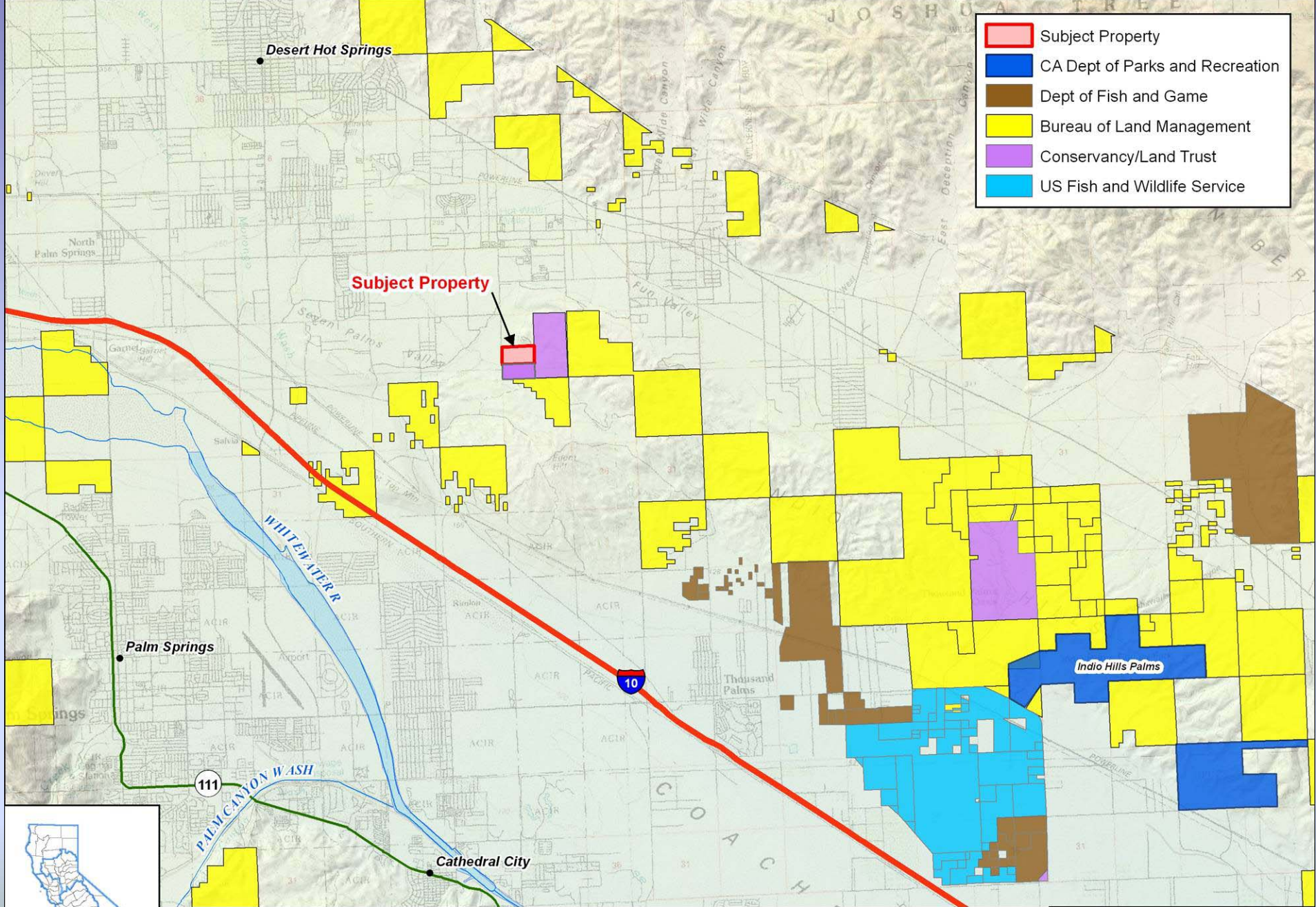
Looking east from hill behind property to Canebrake Flat (right) and main drainage of Canebrake Creek (left)



12 Canebrake Ecological Reserve, Canebrake Creek Unit, Expansion 3, Kern County



Joshua Trees and Cactus



Coachella Valley Ecological Reserve (Edom Hill Unit),
Expansion 31, Riverside County

View of looking south, subject on left.



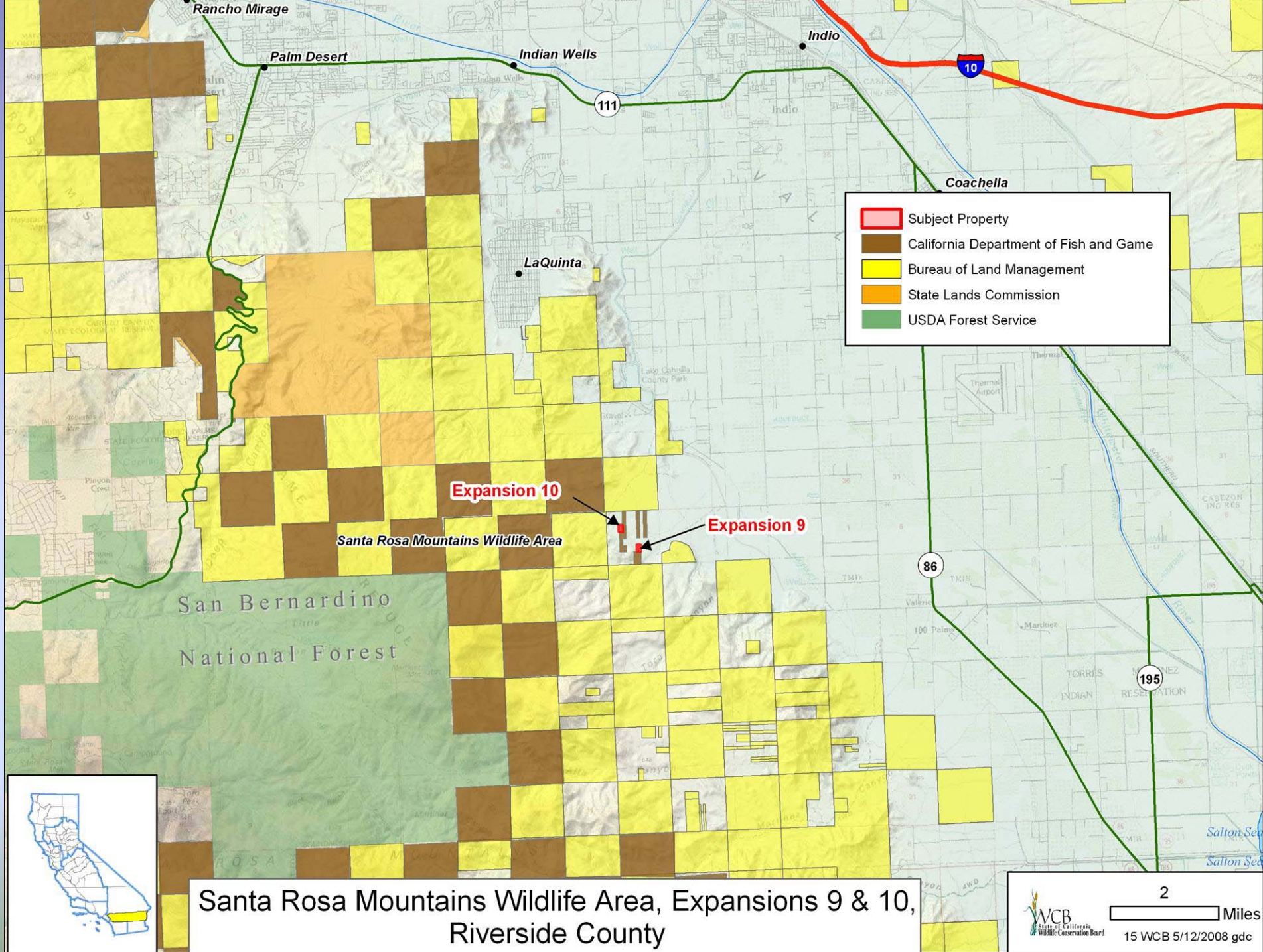
13 Coachella Valley Ecological Reserve (Edom Hill Unit), Expansion 31, Riverside County



View of subject looking southwest from northerly boundary line.

14 San Jacinto Wildlife Area, Expansion 30, Riverside County

This item has been withdrawn from consideration at this time.



15 Santa Rosa Mountains Wildlife Area, Expansions 9 and 10, Riverside County

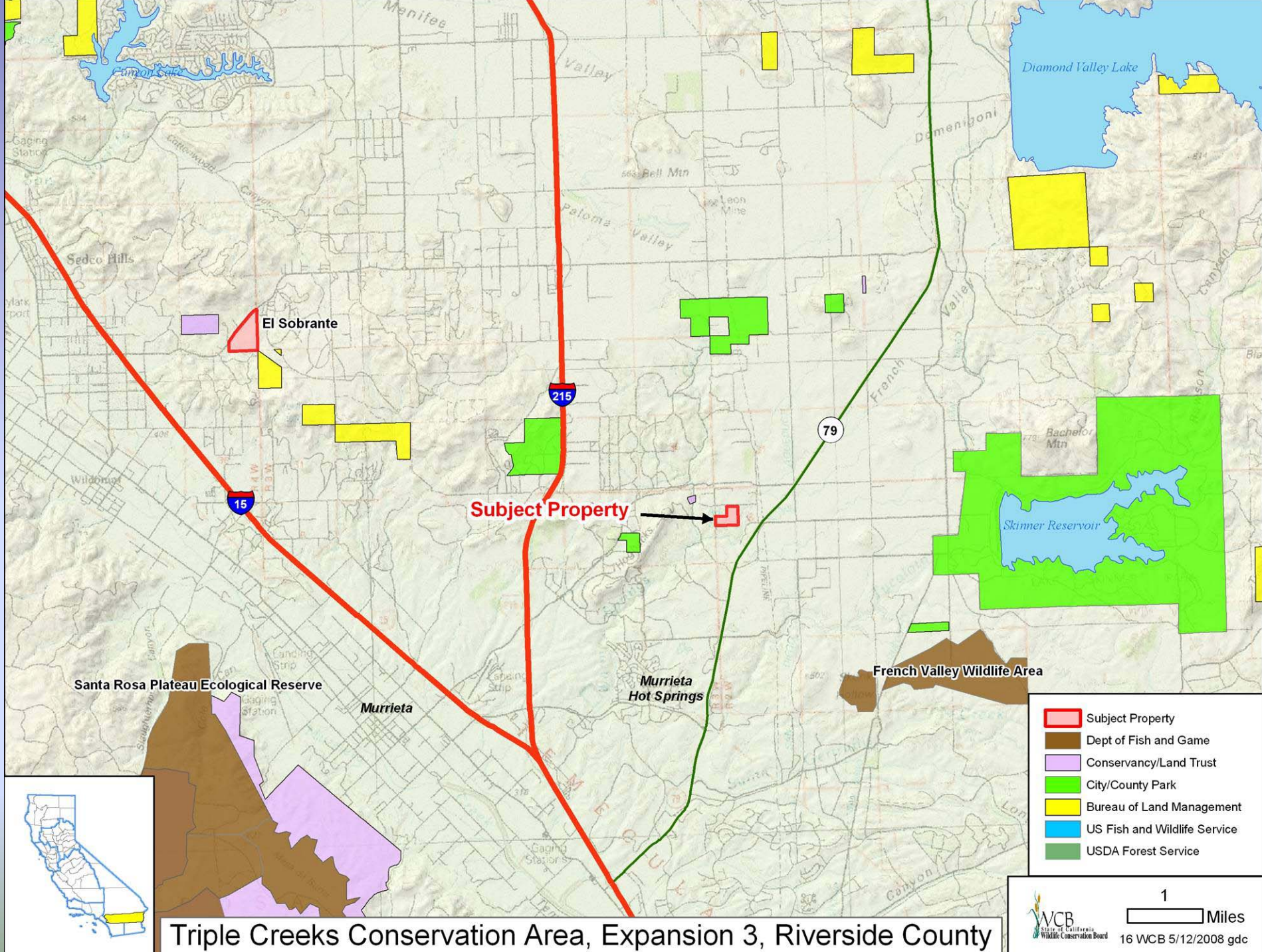


View looking west in area of Expansion 10

15 Santa Rosa Mountains Wildlife Area, Expansions 9 and 10, Riverside County

View looking southeast in the area of Expansion 9





Triple Creeks Conservation Area, Expansion 3, Riverside County

16 Triple Creeks Conservation Area, Expansion 3, Riverside County

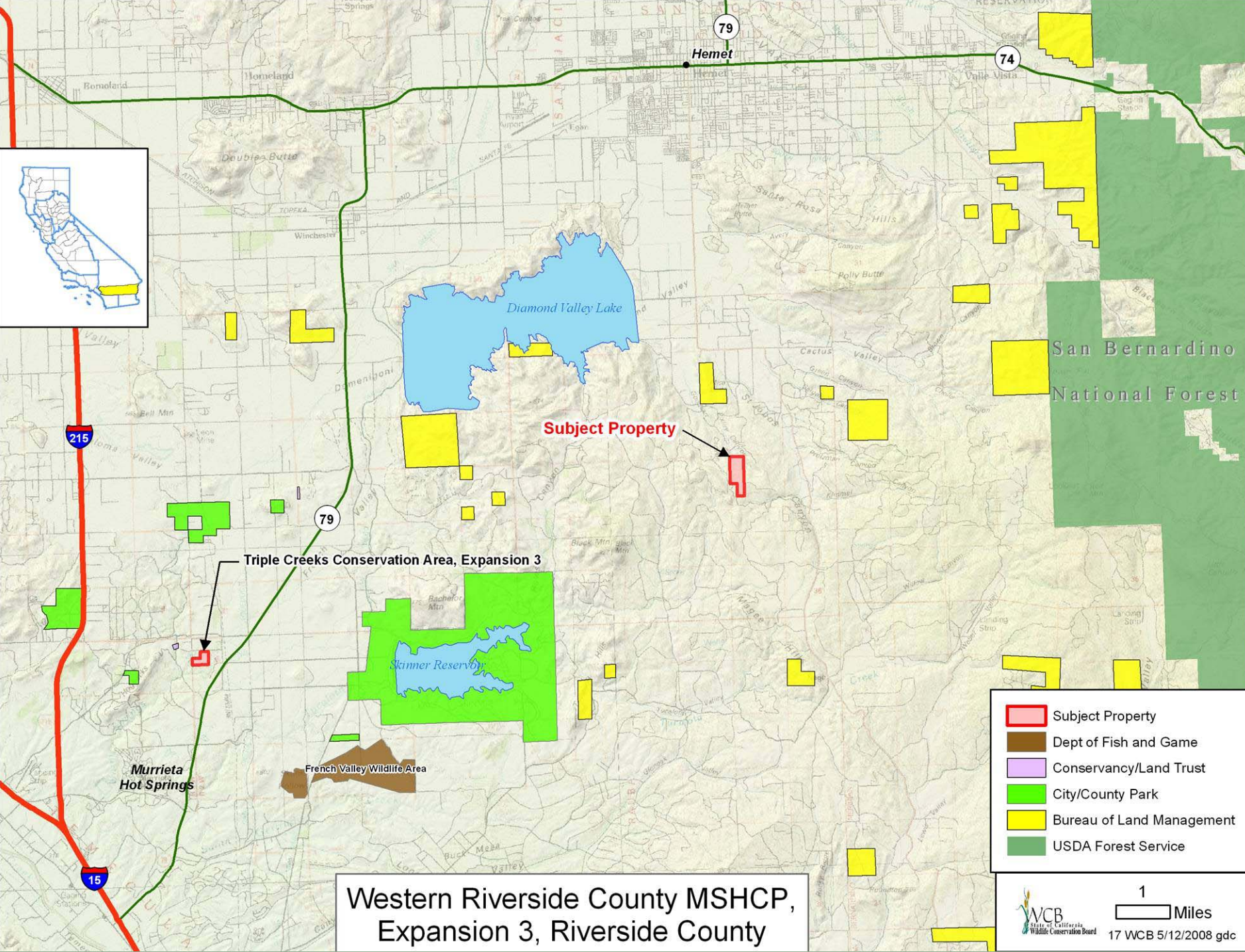
View of property looking south



16 Triple Creeks Conservation Area, Expansion 3, Riverside County

View of property looking north from near center of parcel





Western Riverside County MSHCP,
Expansion 3, Riverside County

- Subject Property
- Dept of Fish and Game
- Conservancy/Land Trust
- City/County Park
- Bureau of Land Management
- USDA Forest Service



17 Western Riverside County MSHCP, Expansion 3, Riverside County

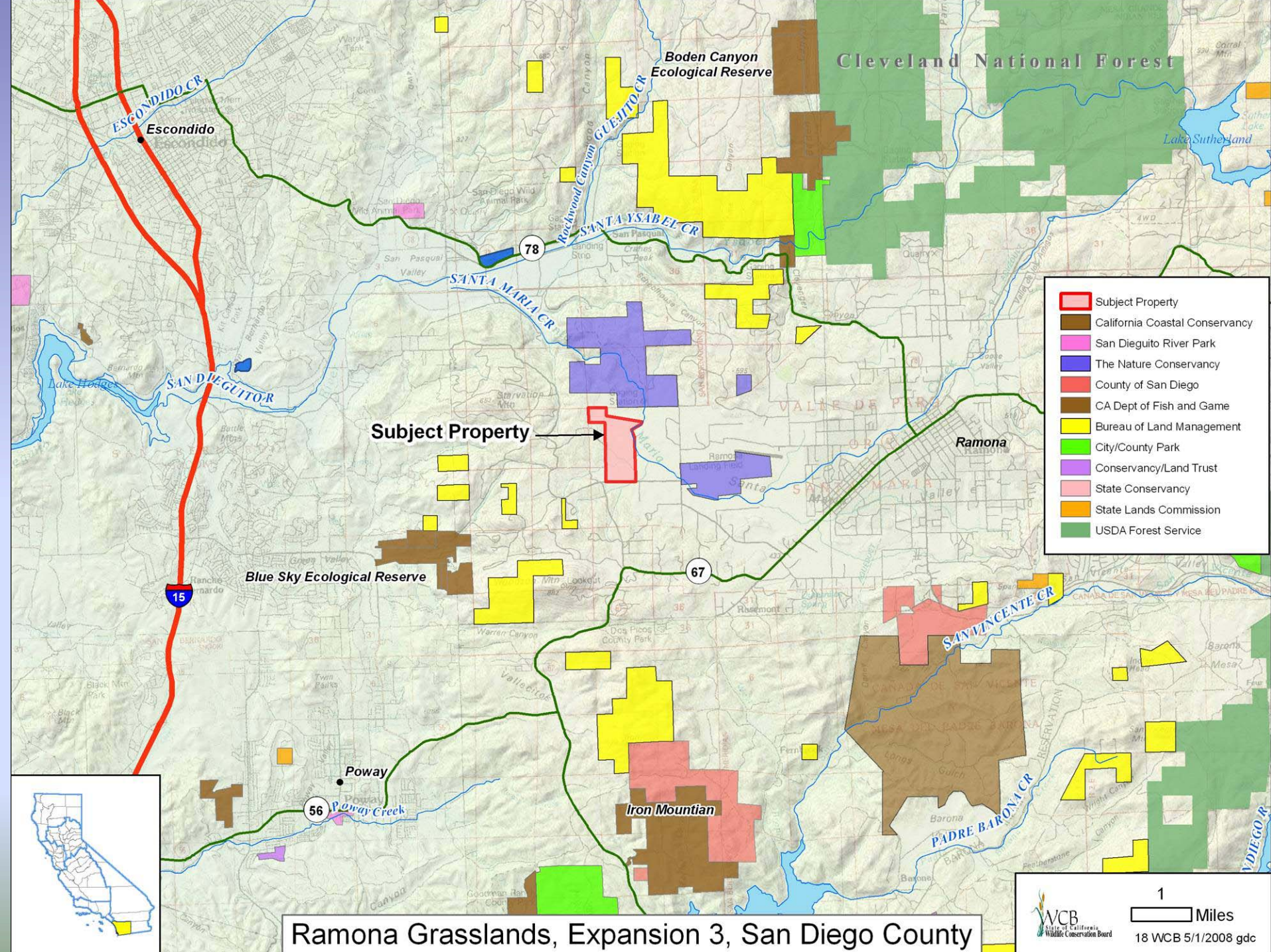


Westerly View from Southeastern Area of Property

17 Western Riverside County MSHCP, Expansion 3, Riverside County



Northerly View from Center Area of Property



- Subject Property
- California Coastal Conservancy
- San Dieguito River Park
- The Nature Conservancy
- County of San Diego
- CA Dept of Fish and Game
- Bureau of Land Management
- City/County Park
- Conservancy/Land Trust
- State Conservancy
- State Lands Commission
- USDA Forest Service

Ramona Grasslands, Expansion 3, San Diego County

18 Ramona Grasslands, Expansion 3, San Diego County



Looking Southeast from the center of the property, Santa Maria Creek in the middle ground

18 Ramona Grasslands, Expansion 3, San Diego County

Looking Northwest across pond towards Starvation Mountain



18 Ramona Grasslands, Expansion 3, San Diego County



Ranch Road and Oak Grove

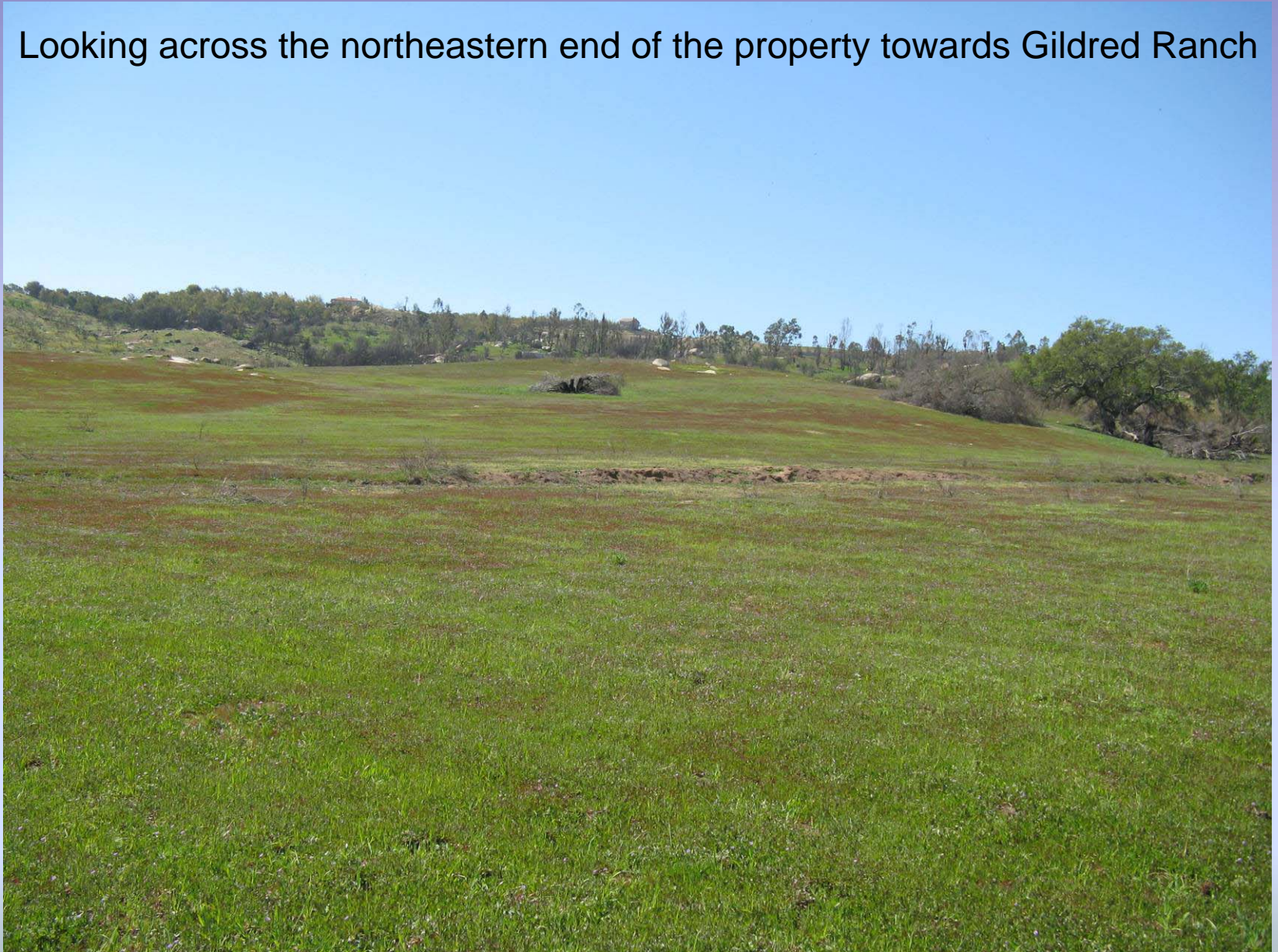
18 Ramona Grasslands, Expansion 3, San Diego County

Meadow which forms vernal pool in wet years



18 Ramona Grasslands, Expansion 3, San Diego County

Looking across the northeastern end of the property towards Gildred Ranch



18 Ramona Grasslands, Expansion 3, San Diego County



Blue Heron in flight

18 Ramona Grasslands, Expansion 3, San Diego County

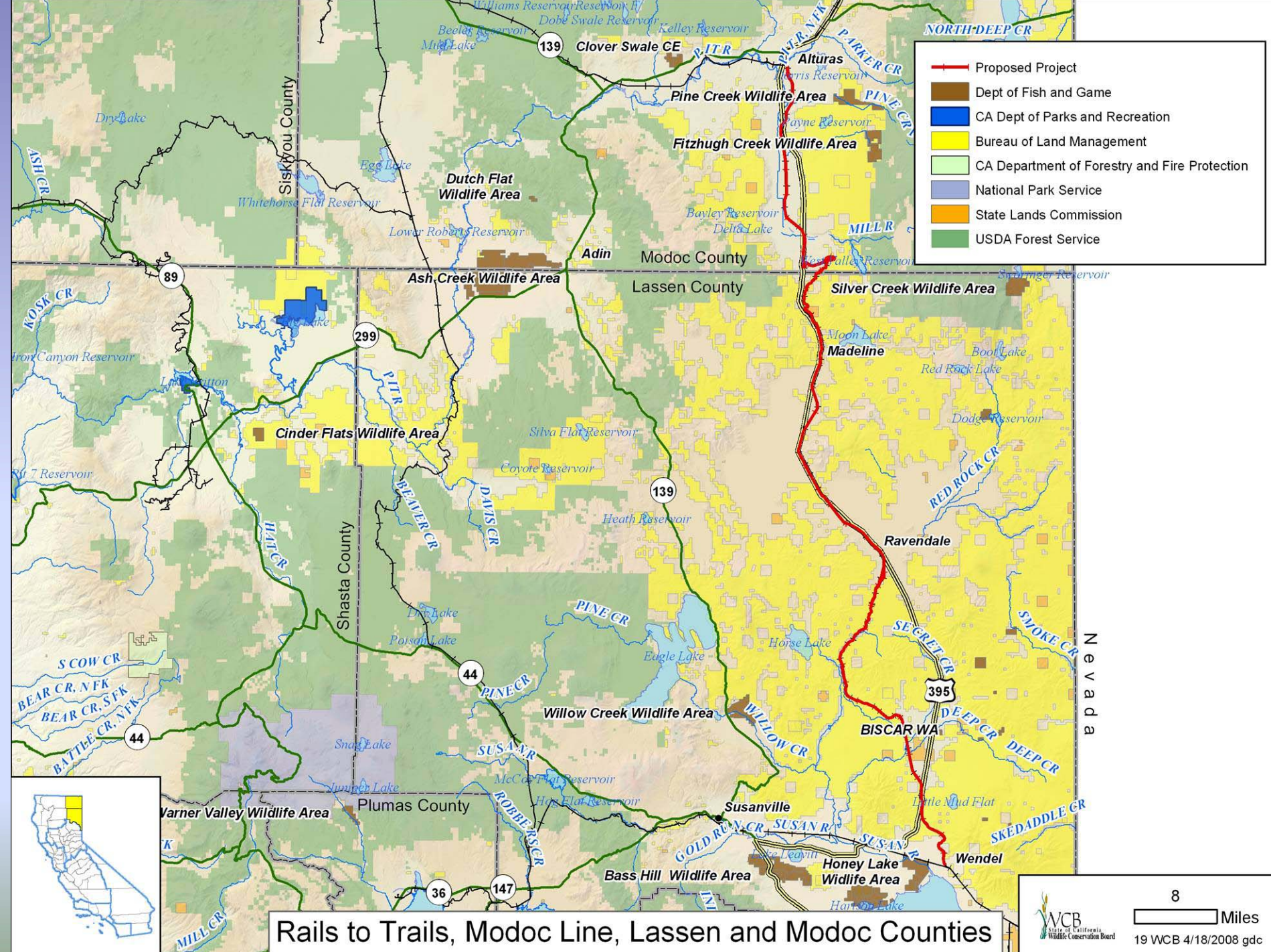
Santa Maria Creek flowing along eastern edge of property



18 Ramona Grasslands, Expansion 3, San Diego County



Spring in the Ramona Grasslands



19 Rails to Trails, Modoc Line, Lassen and Modoc County

Karlo to Crest



19 Rails to Trails, Modoc Line, Lassen and Modoc County

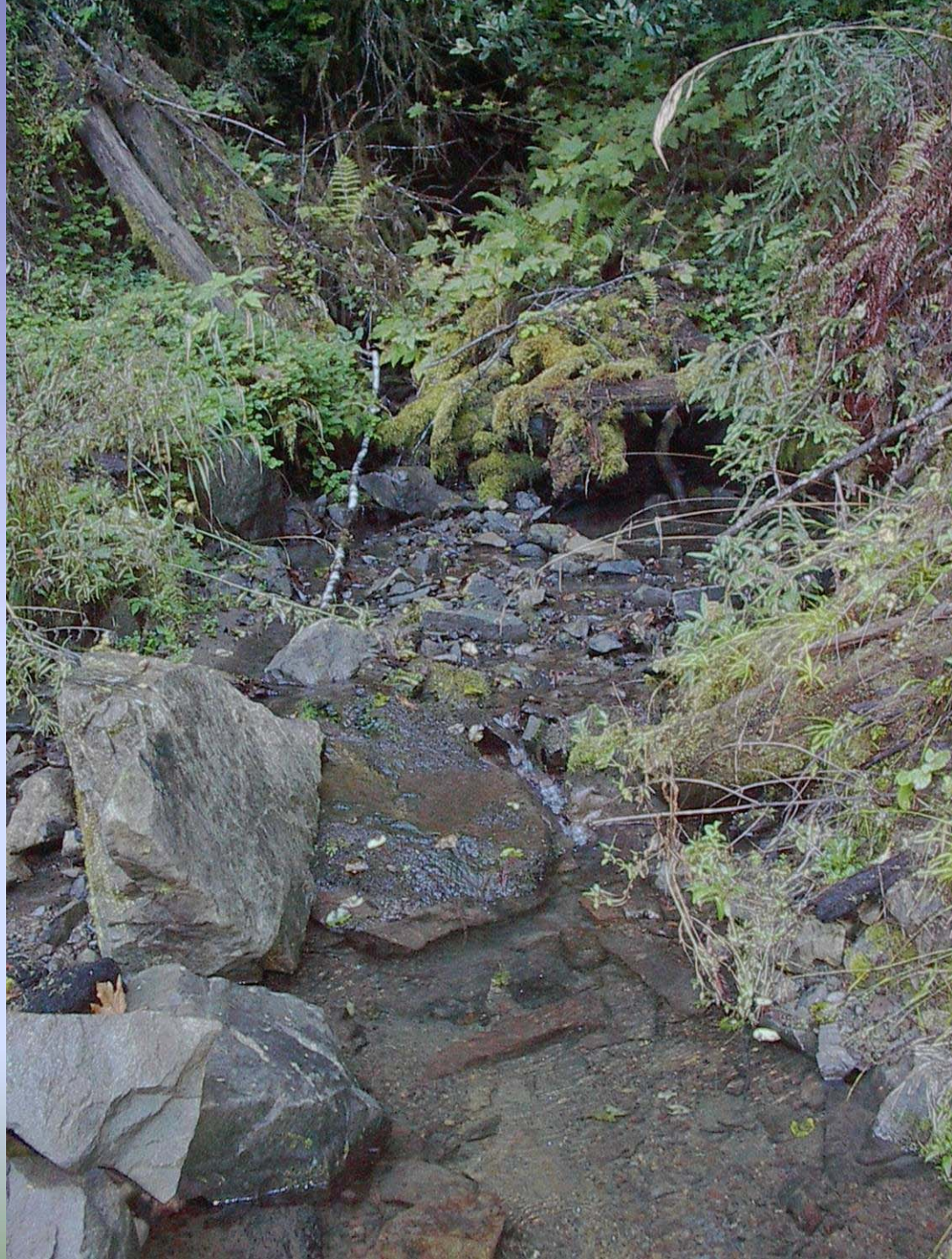


Madeline to Likely



20 Jacoby Creek Forest, Expansion 4, Humboldt County

View of Jacoby Creek on the
subject property.



20 Jacoby Creek Forest, Expansion 4, Humboldt County

View of subject looking westerly



20 Jacoby Creek Forest, Expansion 4, Humboldt County



View of forest on Expansion 4

20 Jacoby Creek Forest, Expansion 4, Humboldt County



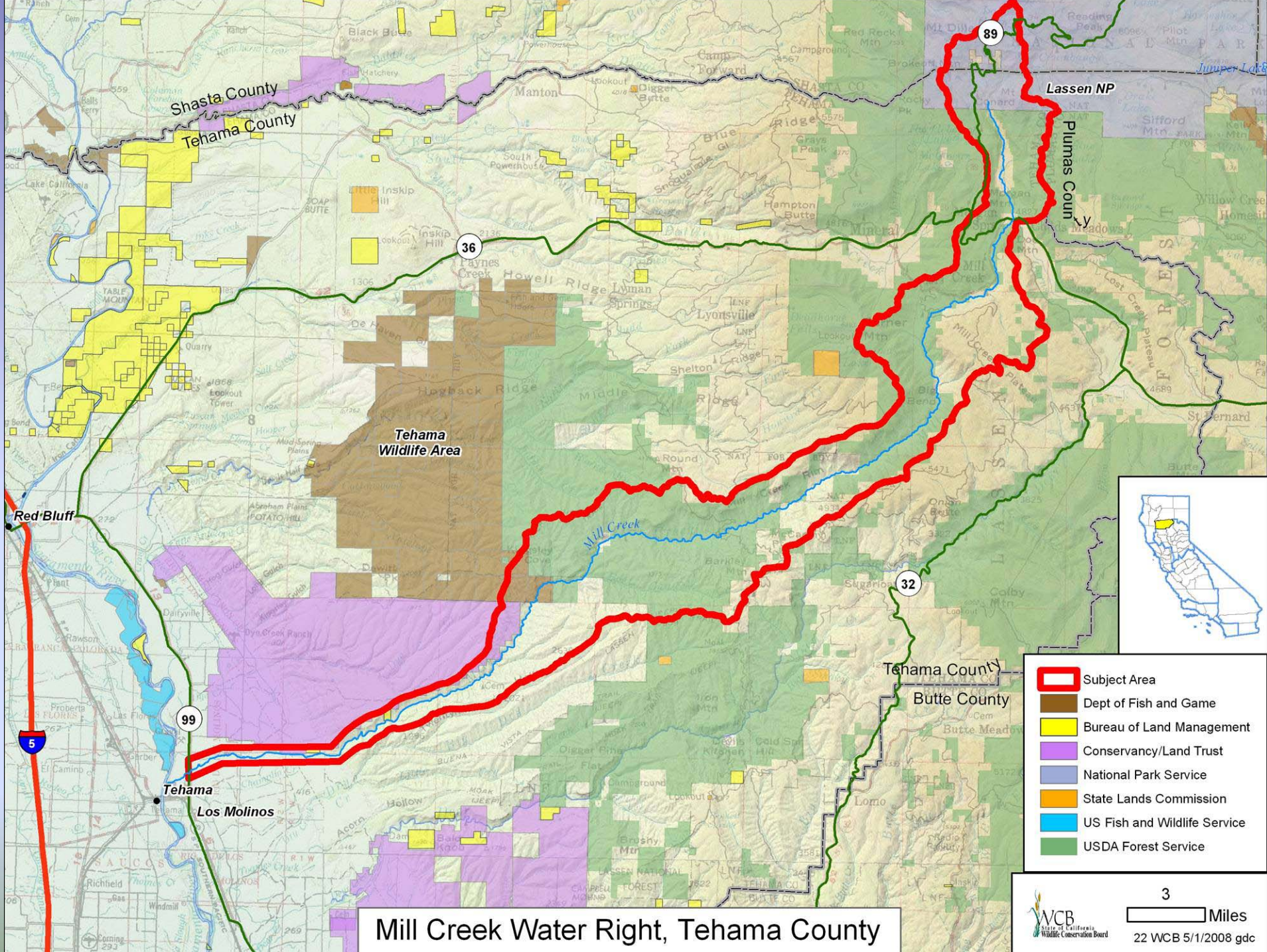
View looking south into Jacoby Creek and Expansion 4

View of pasture toward wetlands and riparian vegetation



View of pasture toward wetlands and riparian vegetation





22 Mill Creek Water Right, Tehama County



Looking downstream from Buena Vista Avenue Los Molinos.

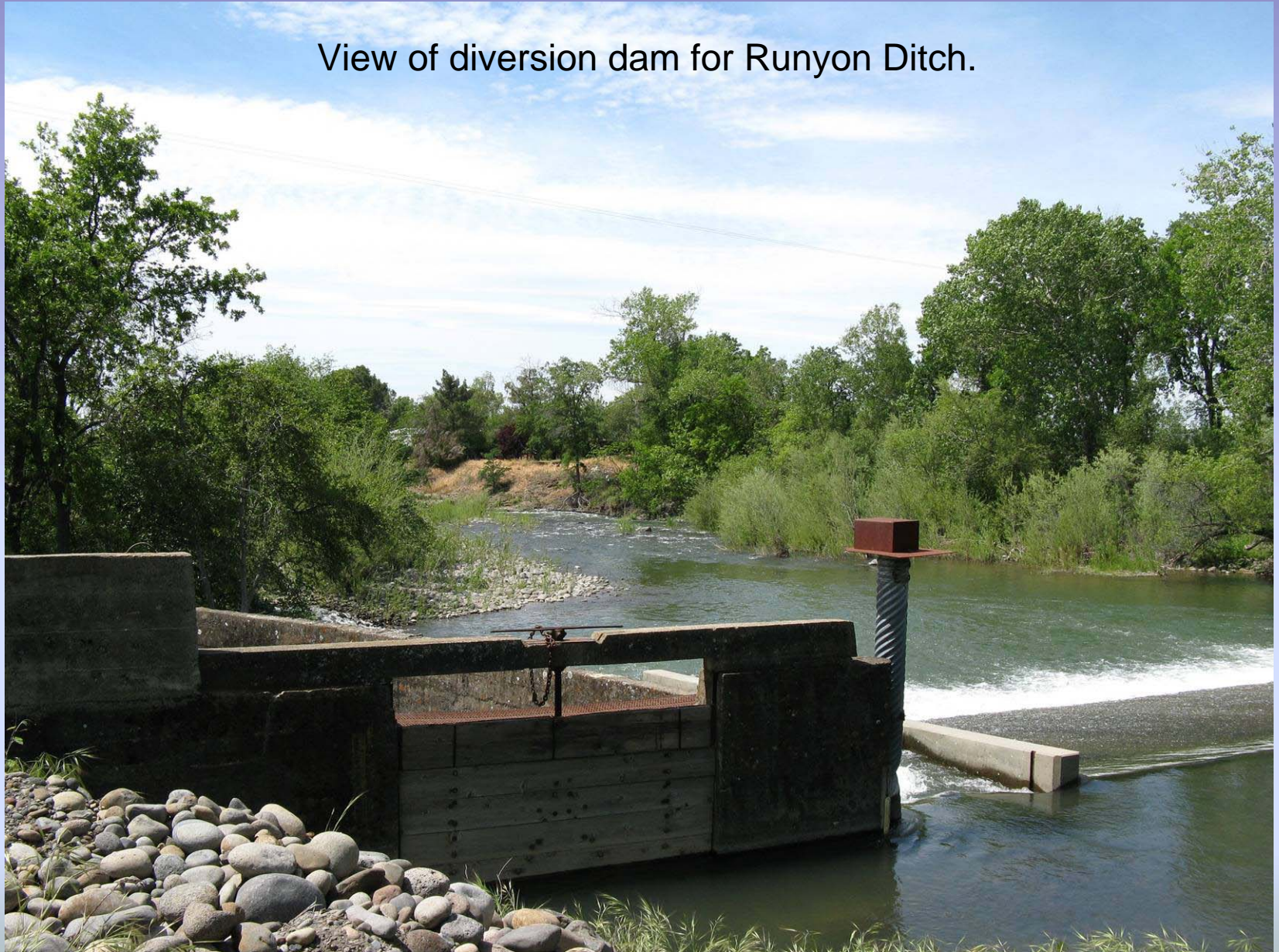
22 Mill Creek Water Right, Tehama County

Mill Creek looking upstream from State Highway 99, Los Molinos.



22 Mill Creek Water Right, Tehama County

View of diversion dam for Runyon Ditch.



22 Mill Creek Water Right, Tehama County



View of Runyon ditch looking downstream from diversion.

22 Mill Creek Water Right, Tehama County

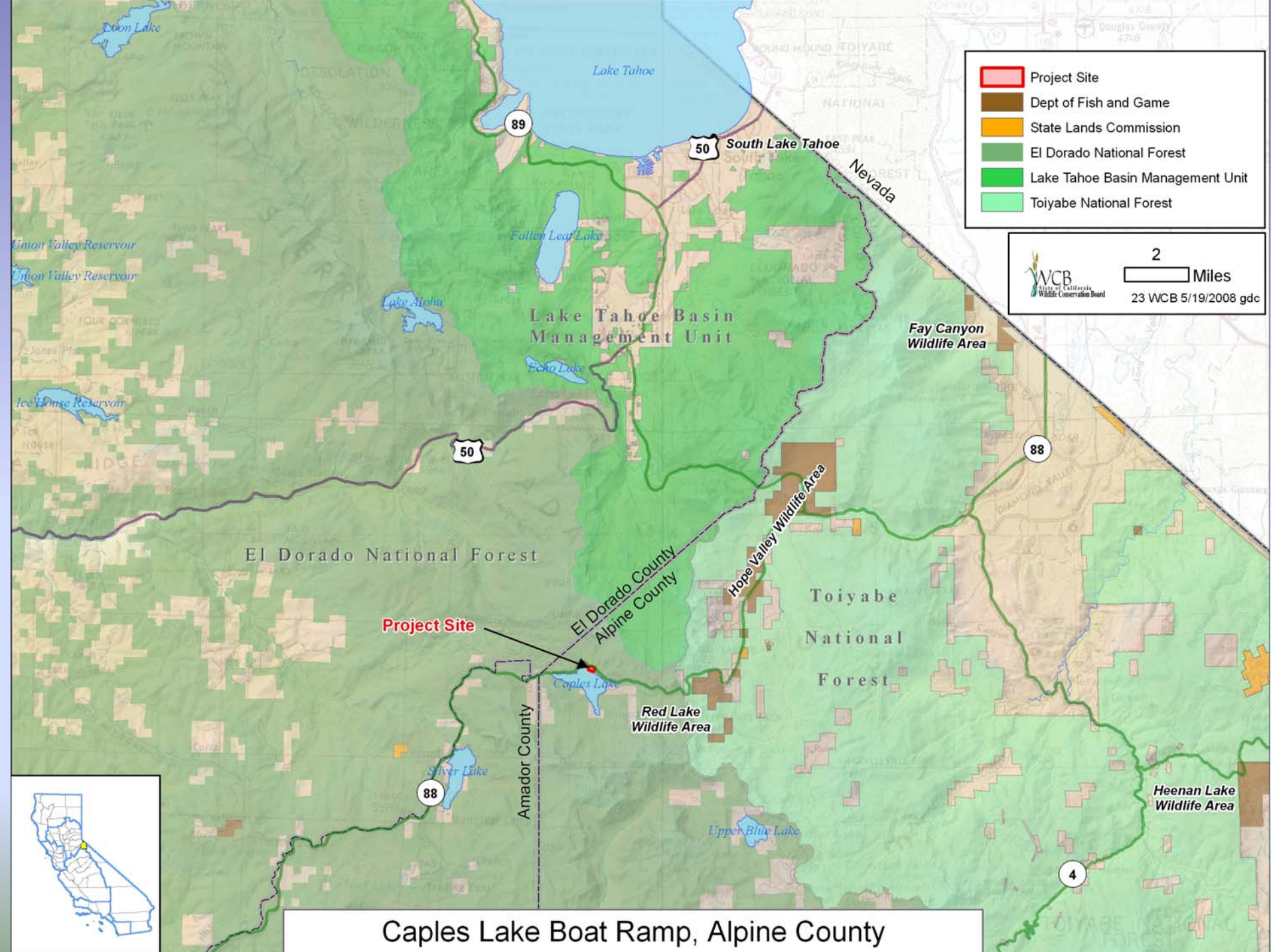


Spring run Salmon attempting to go over diversion.

22 Mill Creek Water Right, Tehama County



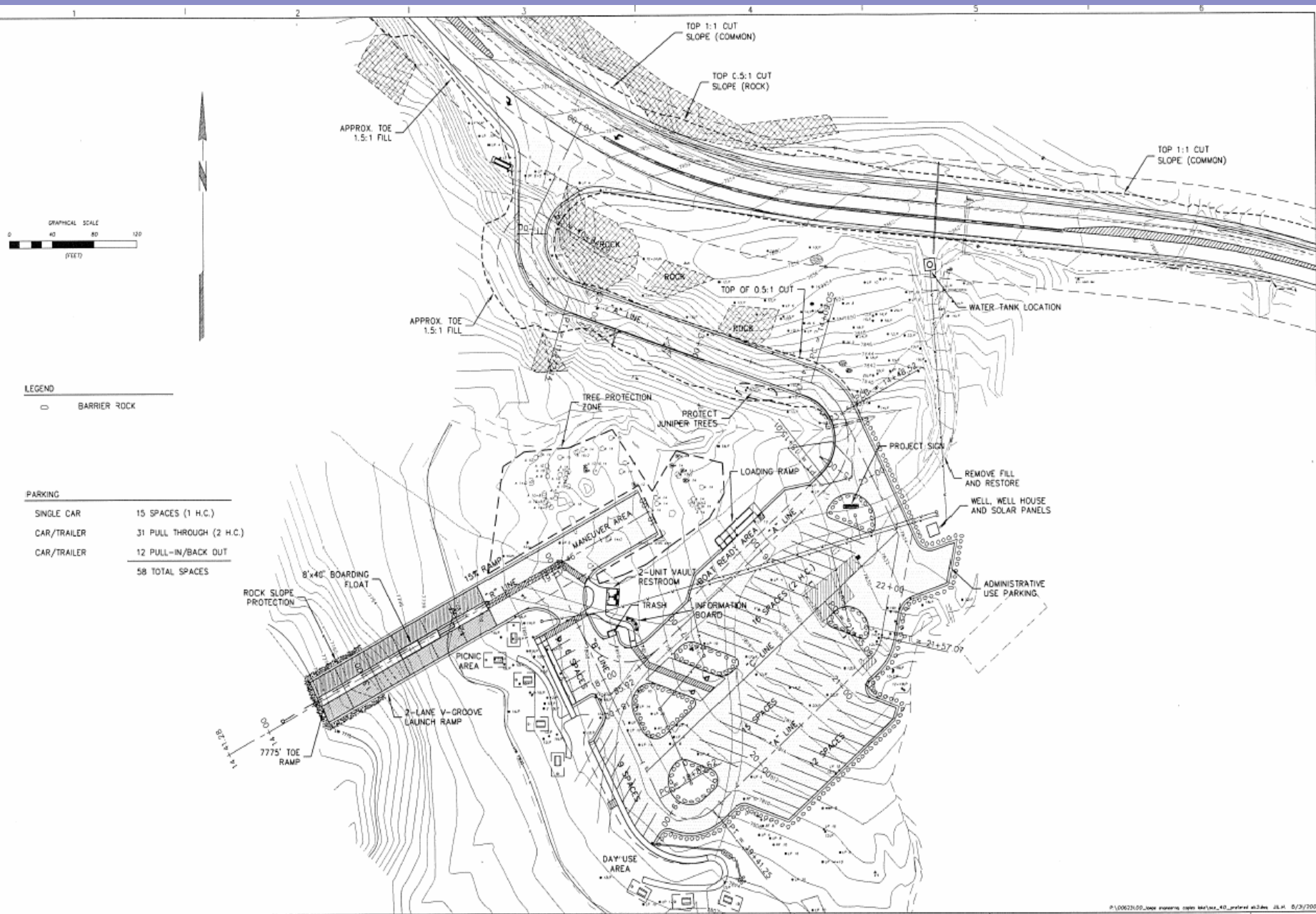
Spring run Salmon



23 Caples Lake Boat Ramp, Alpine County



23 Caples Lake Boat Ramp, Alpine County



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Lampe
Engineering

3060 Thorntree Drive #90
Chico, California 95973
(530) 345-7402
FAX (530) 345-4065

DSGN	D LAMPE
DR	D ZAITZ
CHK	J STOLL
APVD	

VERIFY SCALE
BAR IS ONE INCH
ORIGINAL DRAWING
0
IF NOT ONE INCH
THIS SHEET, ADJUST
SCALES ACCORDING

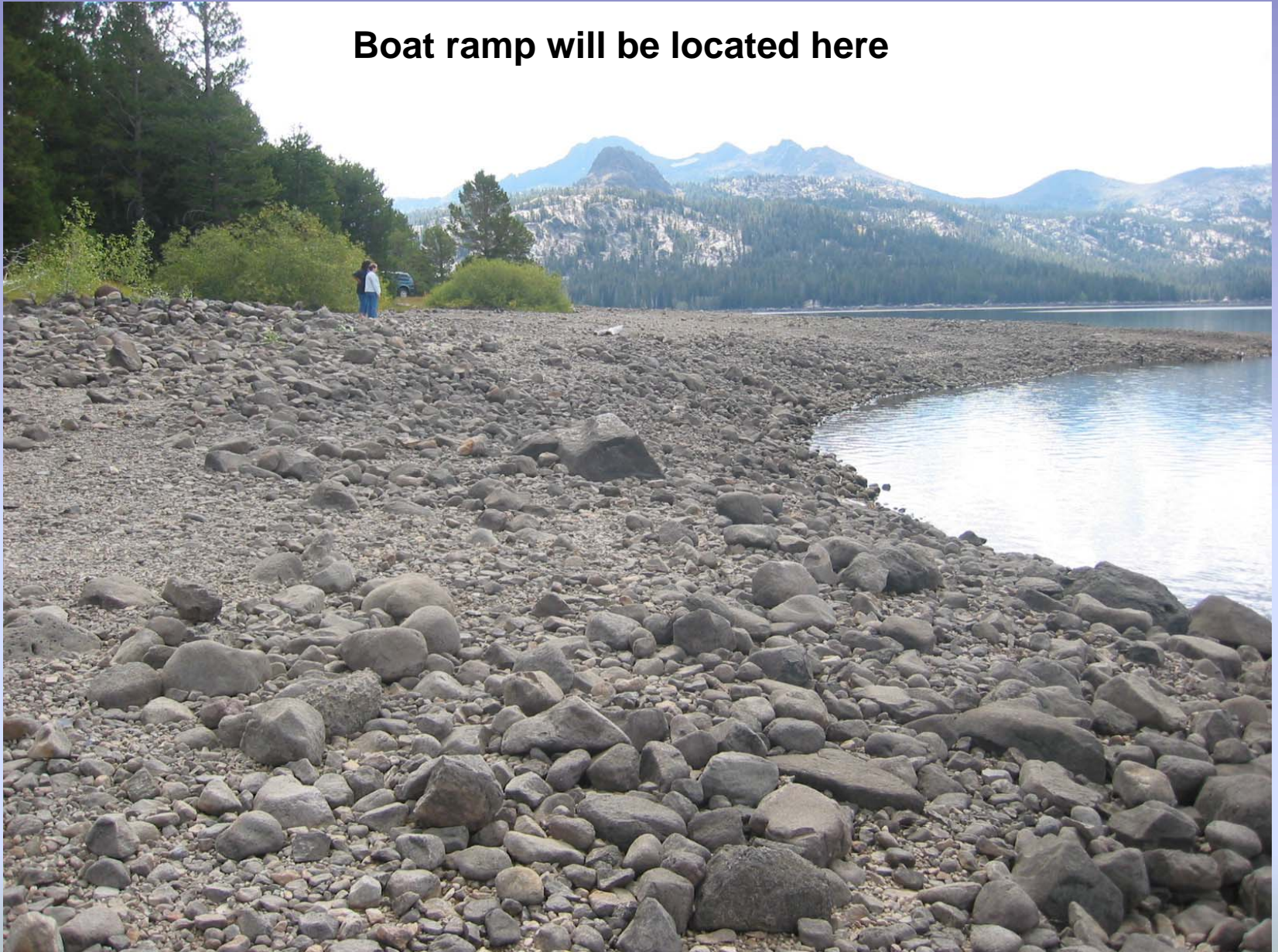
CLIENT:
U.S. FOREST SERVICE
ELDORADO NATIONAL FOREST
PLACERVILLE, CALIF.

CAPLES LAKE BOATING FACILITY
SITE DEVELOPMENT PLAN

SHEET	C1.0
DWG NO.	
DATE	8/9/2007
PROJ NO.	

23 Caples Lake Boat Ramp, Alpine County

Boat ramp will be located here



23 Caples Lake Boat Ramp, Alpine County

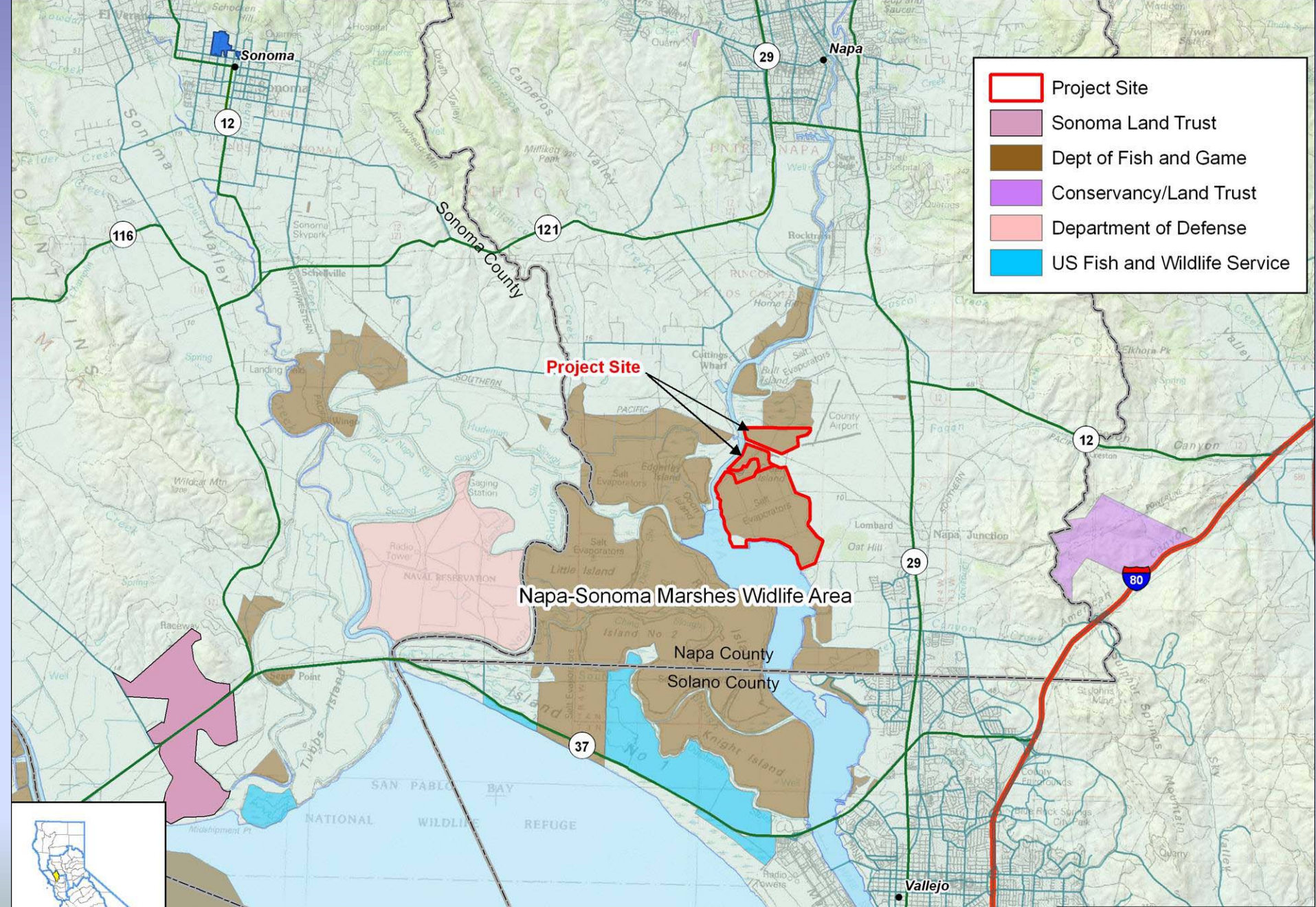


Restroom will be located here

23 Caples Lake Boat Ramp, Alpine County



Boat ramp to the right, parking area to the left.



-  Project Site
-  Sonoma Land Trust
-  Dept of Fish and Game
-  Conservancy/Land Trust
-  Department of Defense
-  US Fish and Wildlife Service

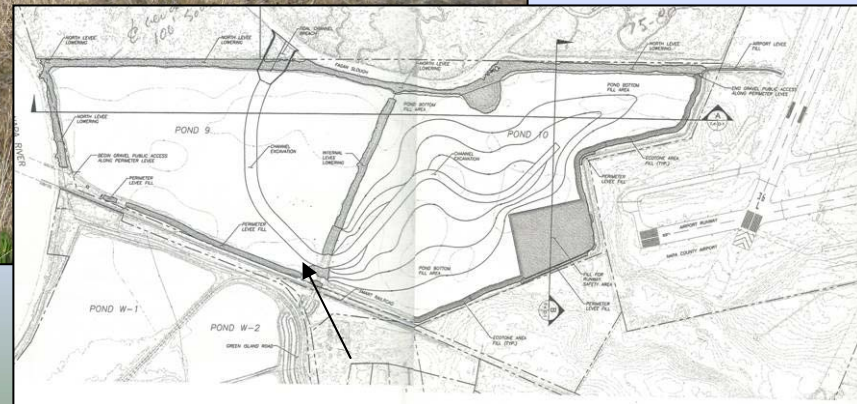
Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9, 10 and Wash Ponds Construction, Napa County

24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County

Ponds 9 and 10



24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County



24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County

Looking west towards Cargill's offloading facility and Napa River from eastern edge of barge channel.



24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County

Looking east along Green Island Road, north end of Wash Pond 1



24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County



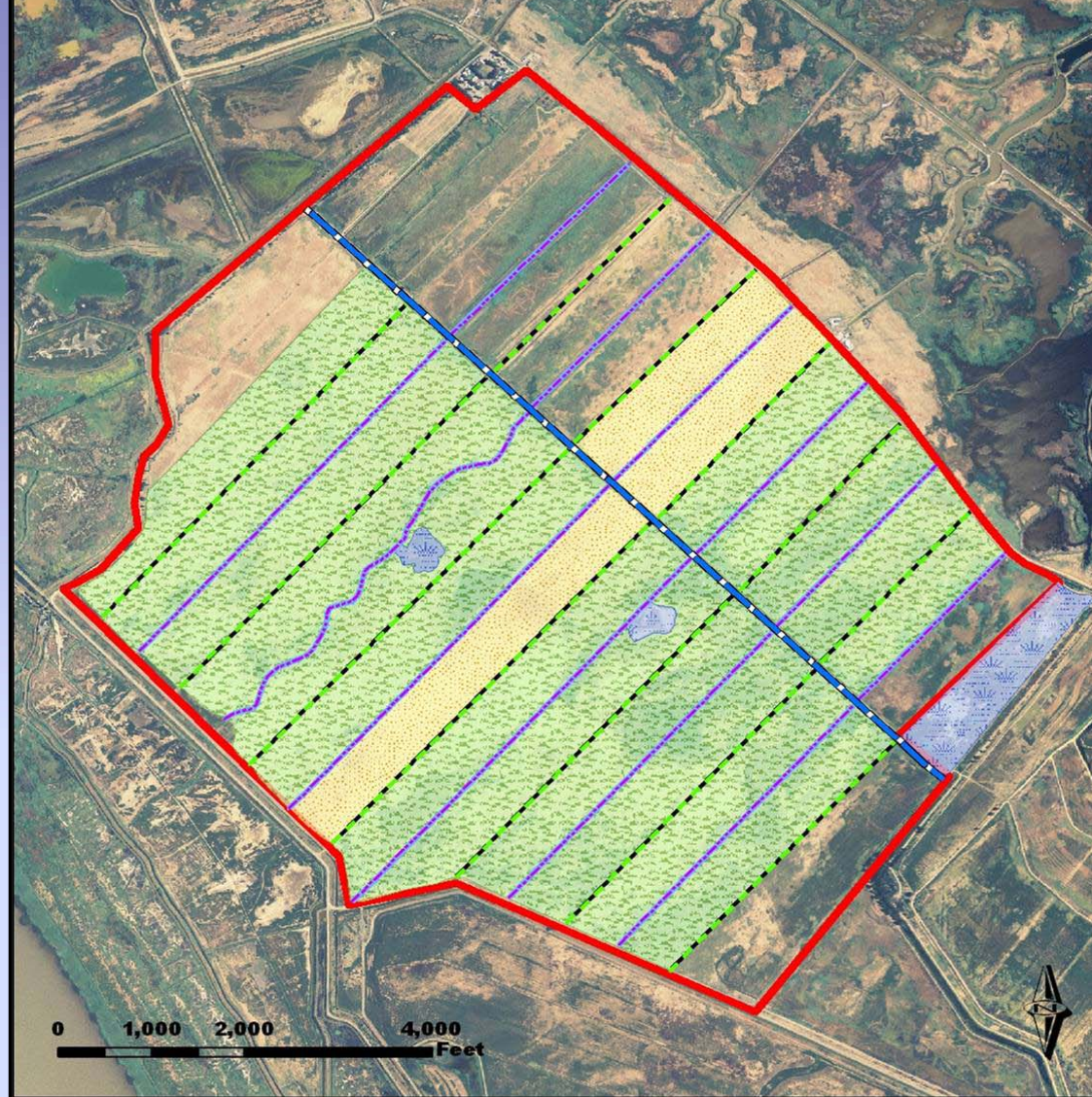
Looking southwest across Wash Pond 3 towards Green Island

24 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9 and 10, and Wash Ponds Construction, Napa County

Looking west at Brazos Bridge from eastern levee on Pond 9



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County



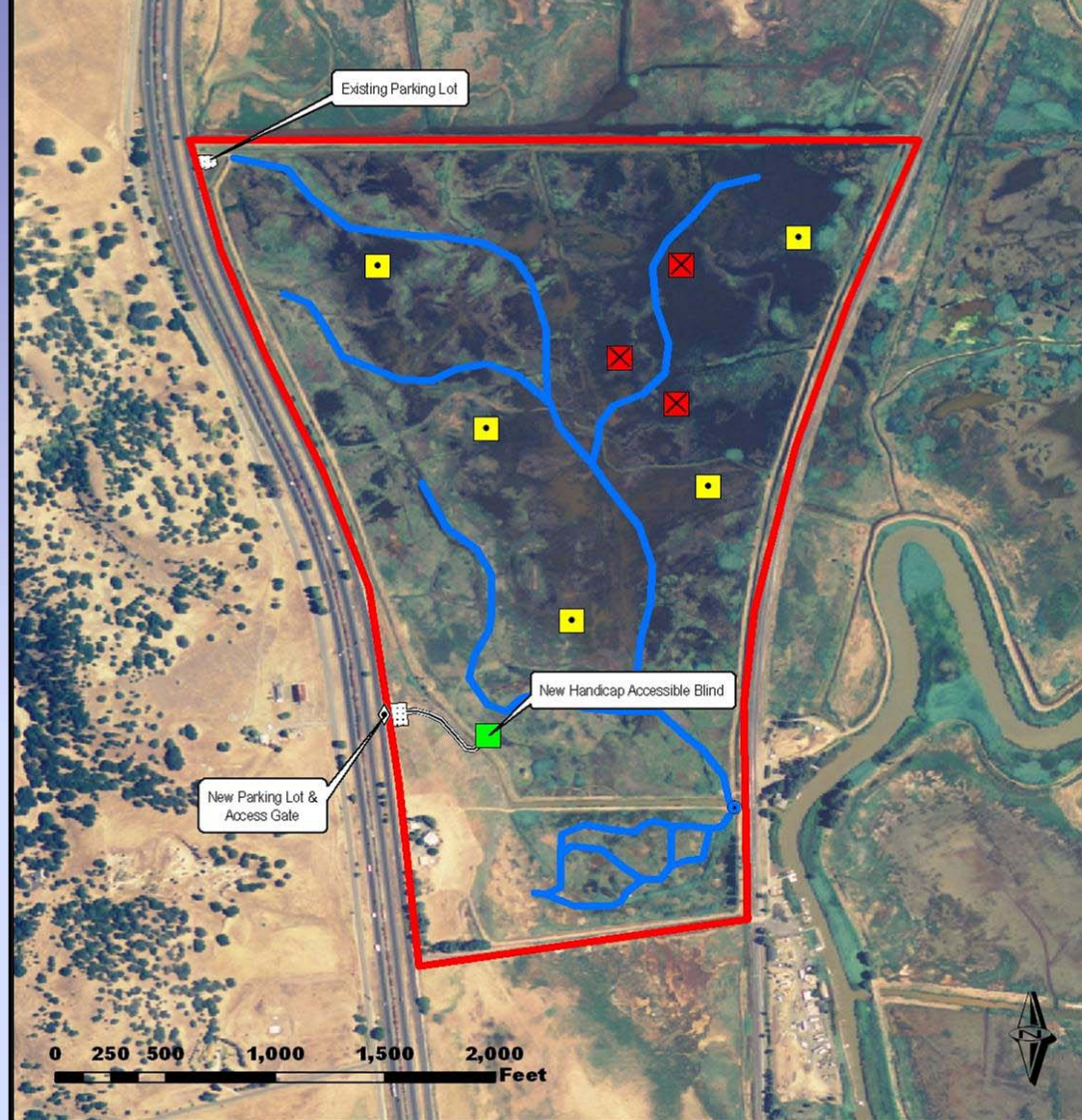
Grizzly Island WA Enhancement Project, Phase II

Upland Fields

- | | |
|--|--|
|  Random Treatment |  Main Delivery Ditch |
|  Barley |  Temporary Delivery Ditch |
|  Brood Pond |  Drain Ditch |
|  Upland Field Complex - 1,500 acres | |



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County



Grizzly Island WA Enhancement Project, Phase II

West Family Unit (Conceptual Design)

- | | | |
|---------------|--------------|--------------------------|
| New Blind | Access Gate | Water Control Structures |
| Remove Blind | Access Paths | West Family Project Area |
| Replace Blind | Parking Lot | |



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County

Some native grasses are holding on in certain areas of the Grizzly Island upland area, and these areas will be avoided and enlarged.



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County

Existing water delivery and drainage system will be upgraded to allow the Department to flood existing wetlands and to irrigate the uplands as needed.



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County

Rank upland and wetland vegetation will be enhanced to provide breeding habitat for waterfowl and many other upland birds, and should provide additional habitat for elk, one of which is just visible in upper right.



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County



Wetlands in the West Family Unit will be renovated to provide additional drainage capabilities.

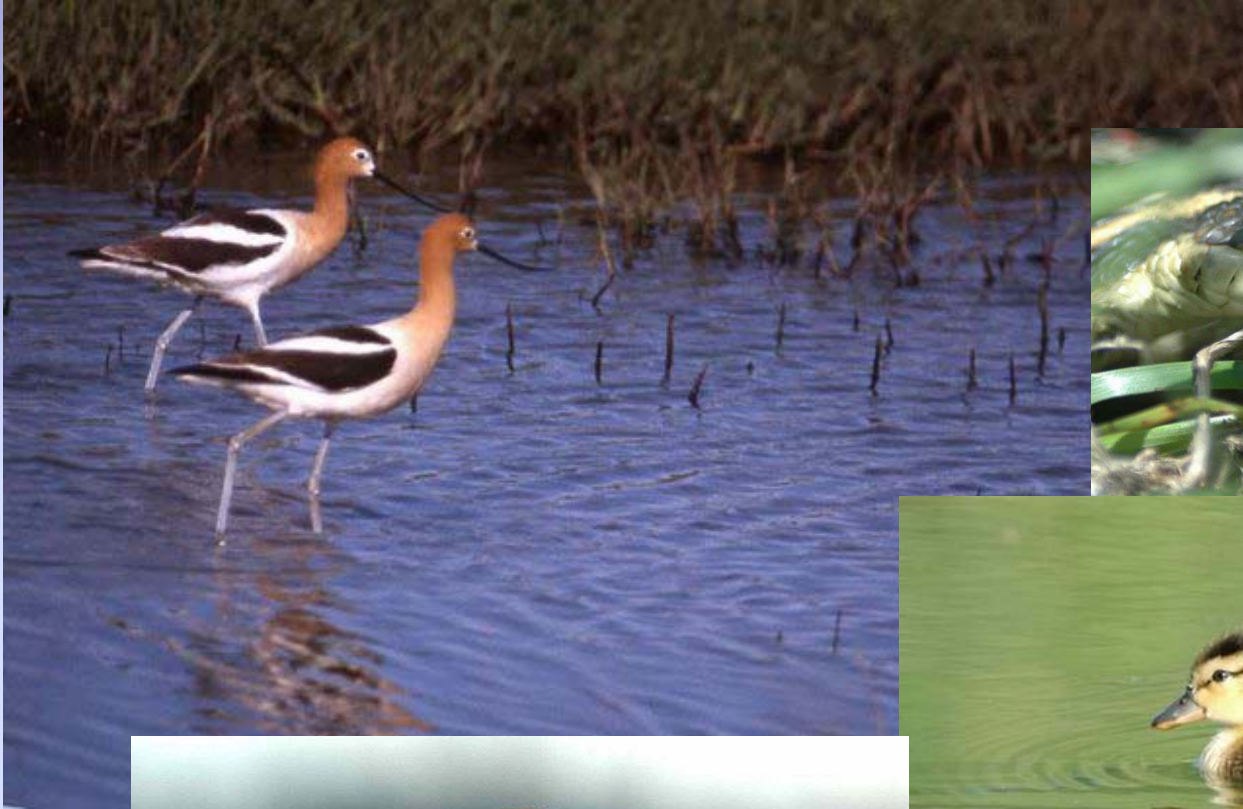
25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County

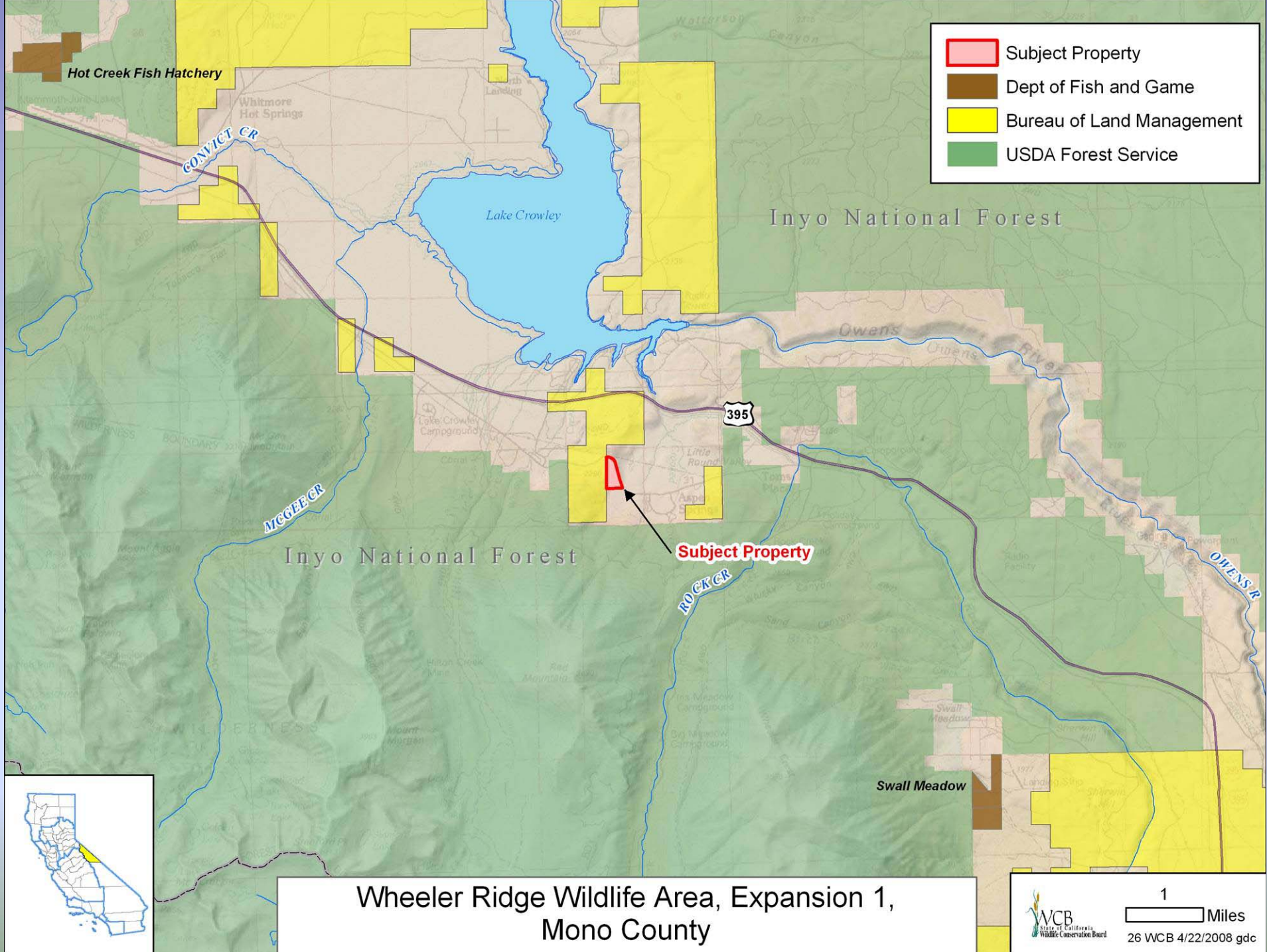
Existing parking lot at the West Family Unit will be renovated, a second similar lot will be constructed, and six new hunting blinds constructed.



25 Grizzly Island Wildlife Area Uplands and Wetlands Enhancement, Solano County

A few of the many species that will benefit from this wetland and upland restoration project. Clockwise from upper left: American avocet, common garter snake, mallard and western meadowlark. Photos by Dave Feliz.





26 Wheeler Ridge Wildlife Area, Expansion 1, Mono County



View from State Highway 395 looking west.

26 Wheeler Ridge Wildlife Area, Expansion 1, Mono County

View from northerly property line looking southeast.



26 Wheeler Ridge Wildlife Area, Expansion 1, Mono County

View of subject property looking northwest from Crowley Lake Road.

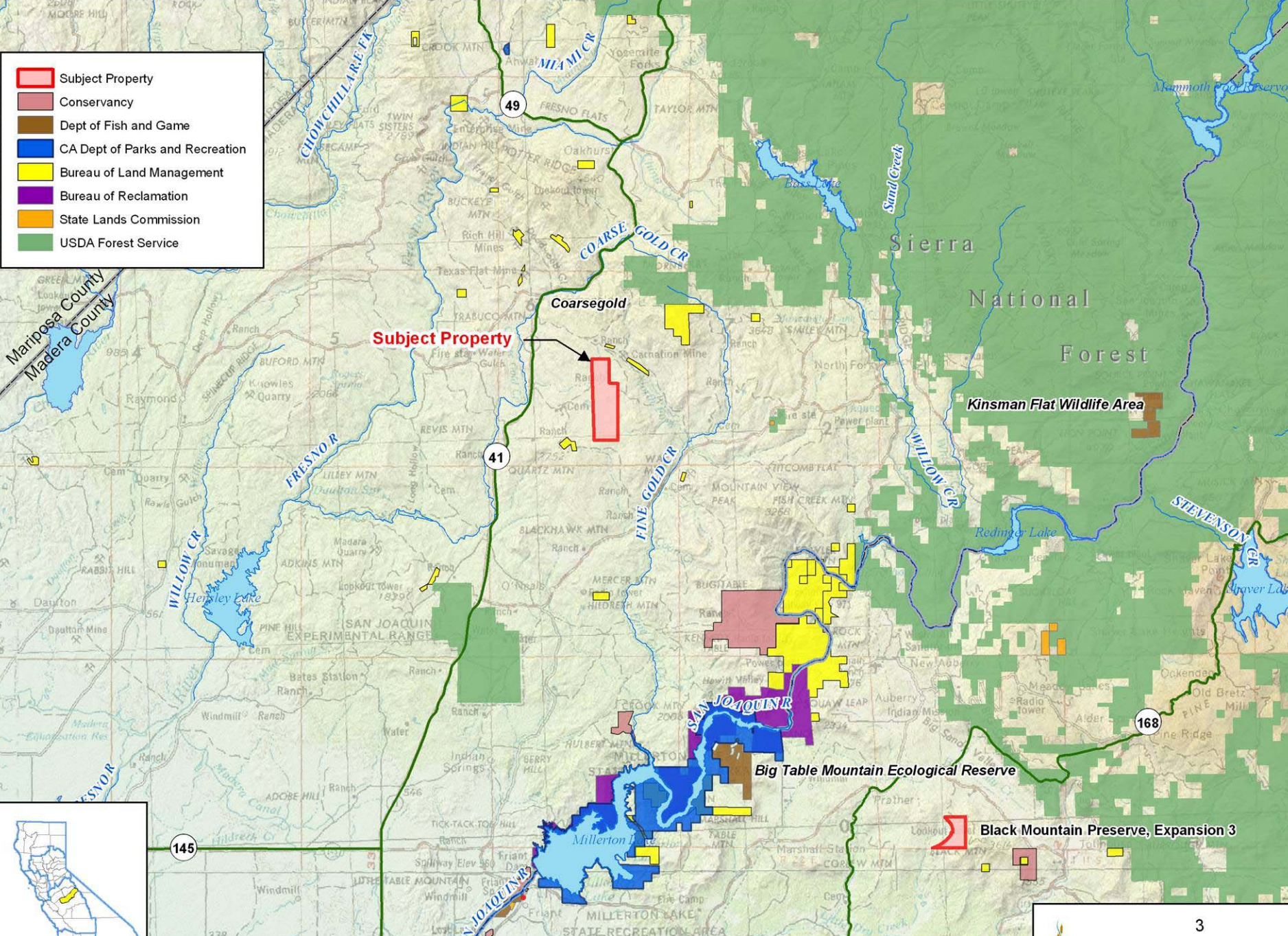


26 Wheeler Ridge Wildlife Area, Expansion 1, Mono County



View of northerly property line looking northwest. Crowley Lake Road on the right. Historic Highway 395 in view in upper portion of picture.

- Subject Property
- Conservancy
- Dept of Fish and Game
- CA Dept of Parks and Recreation
- Bureau of Land Management
- Bureau of Reclamation
- State Lands Commission
- USDA Forest Service



Millerton Preserve (Ecker Ranch), Madera County

27 Millerton Preserve (Ecker Ranch), Madera County



Ecker Ranch includes open rangeland and oak woodlands, with spring wildflower displays (view to the southwest)

27 Millerton Preserve (Ecker Ranch), Madera County



One of several spring-fed reservoirs on the Ecker Ranch property (view to northeast)

27 Millerton Preserve (Ecker Ranch), Madera County



Abundant water and forage support grazing for a variety of livestock.

27 Millerton Preserve (Ecker Ranch), Madera County



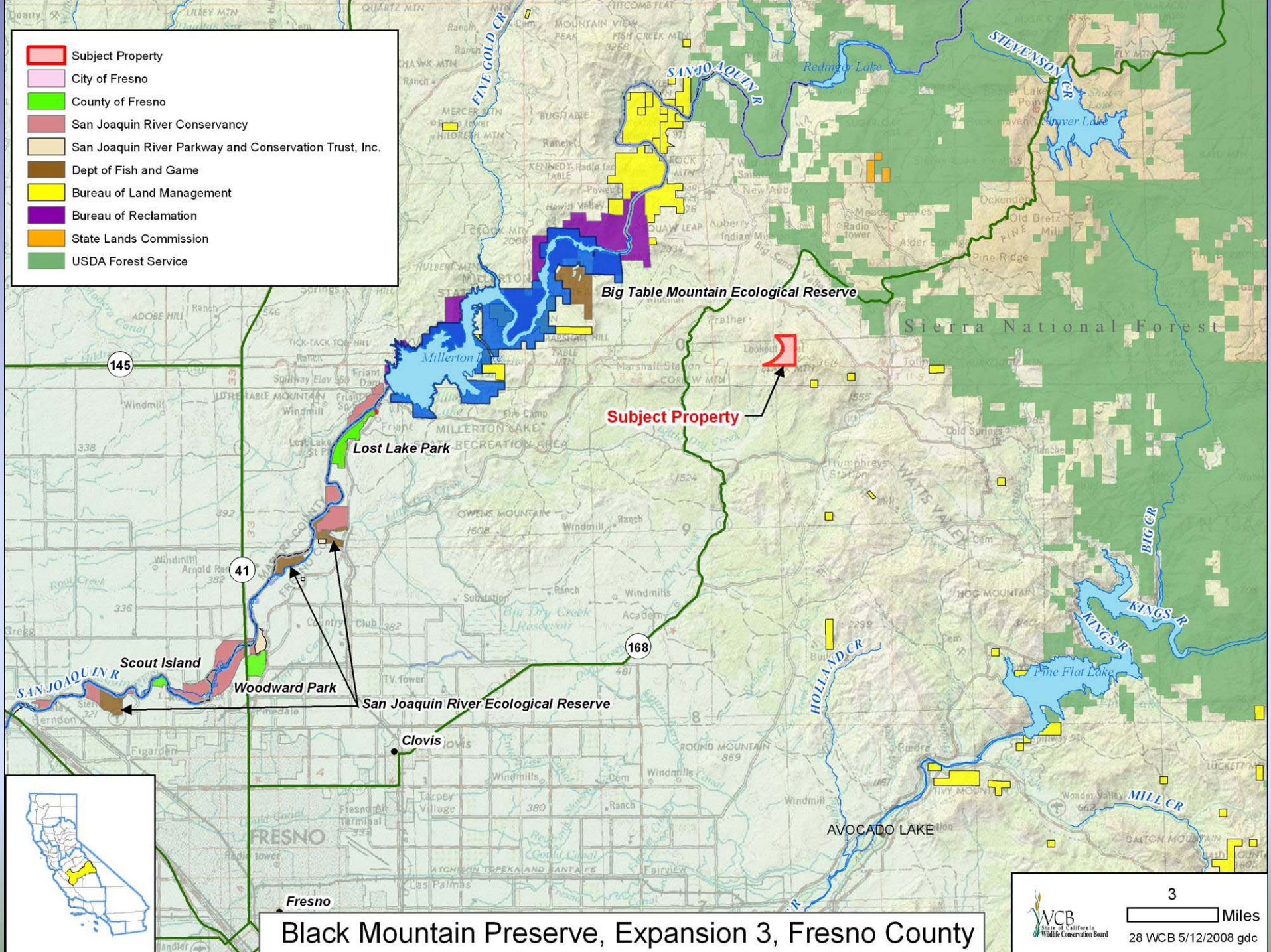
Native wildlife include waterfowl, quail, bear, mountain lion and deer.

27 Millerton Preserve (Ecker Ranch), Madera County



Views of the Sierra Nevada, to the northeast.

- Subject Property
- City of Fresno
- County of Fresno
- San Joaquin River Conservancy
- San Joaquin River Parkway and Conservation Trust, Inc.
- Dept of Fish and Game
- Bureau of Land Management
- Bureau of Reclamation
- State Lands Commission
- USDA Forest Service



Black Mountain Preserve, Expansion 3, Fresno County

28 Black Mountain Preserve, Expansion 3, Fresno County



Hillside of blooming *Carpenteria* (tree anemone). Endemic to Fresno and Madera Counties.

28 Black Mountain Preserve, Expansion 3, Fresno County



View of oak woodlands looking south.

28 Black Mountain Preserve, Expansion 3, Fresno County



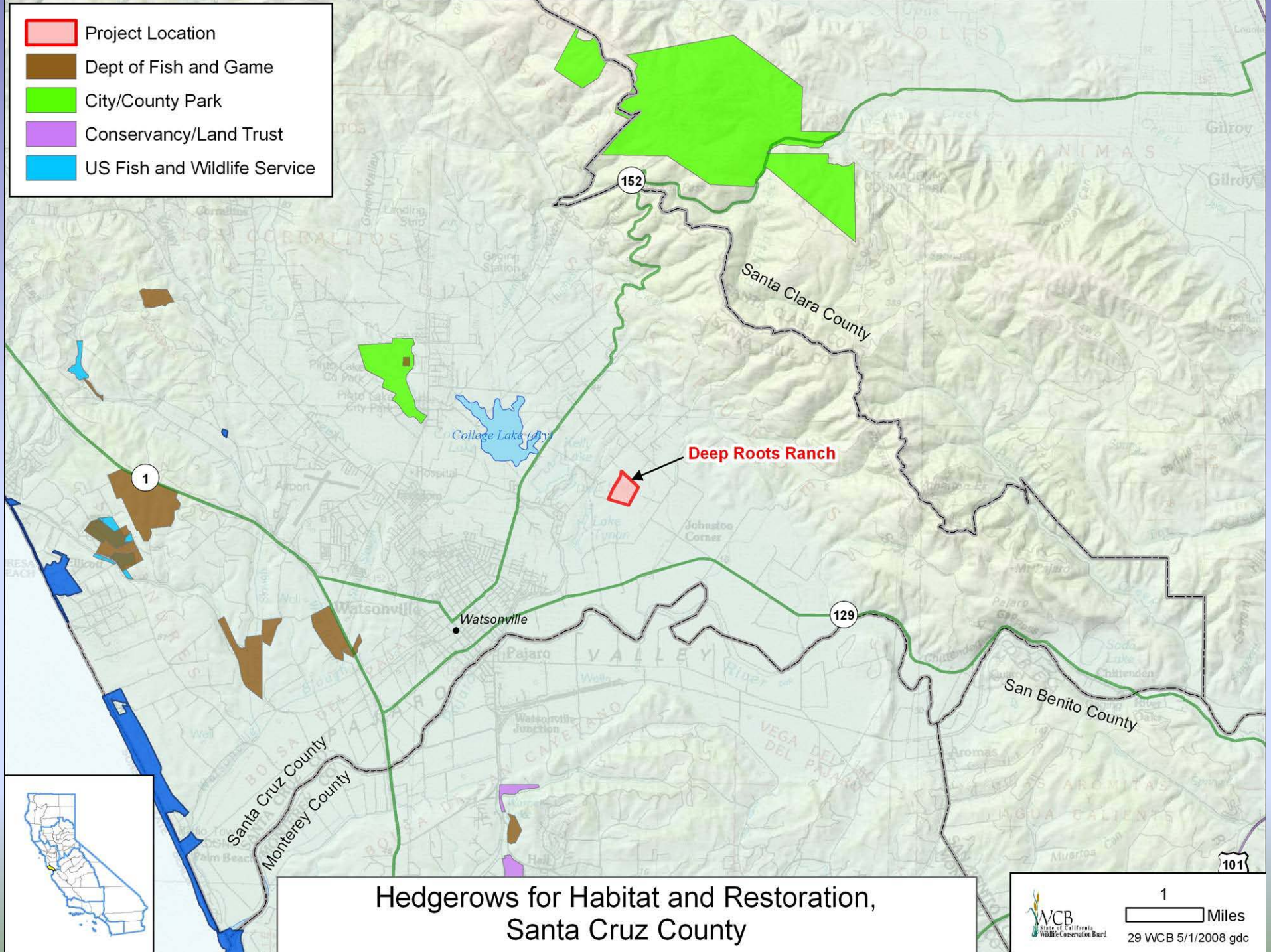
Redbud and chaparral

28 Black Mountain Preserve, Expansion 3, Fresno County



Orange Lupine – endemic to Fresno, Madera and Mariposa counties.

- Project Location
- Dept of Fish and Game
- City/County Park
- Conservancy/Land Trust
- US Fish and Wildlife Service



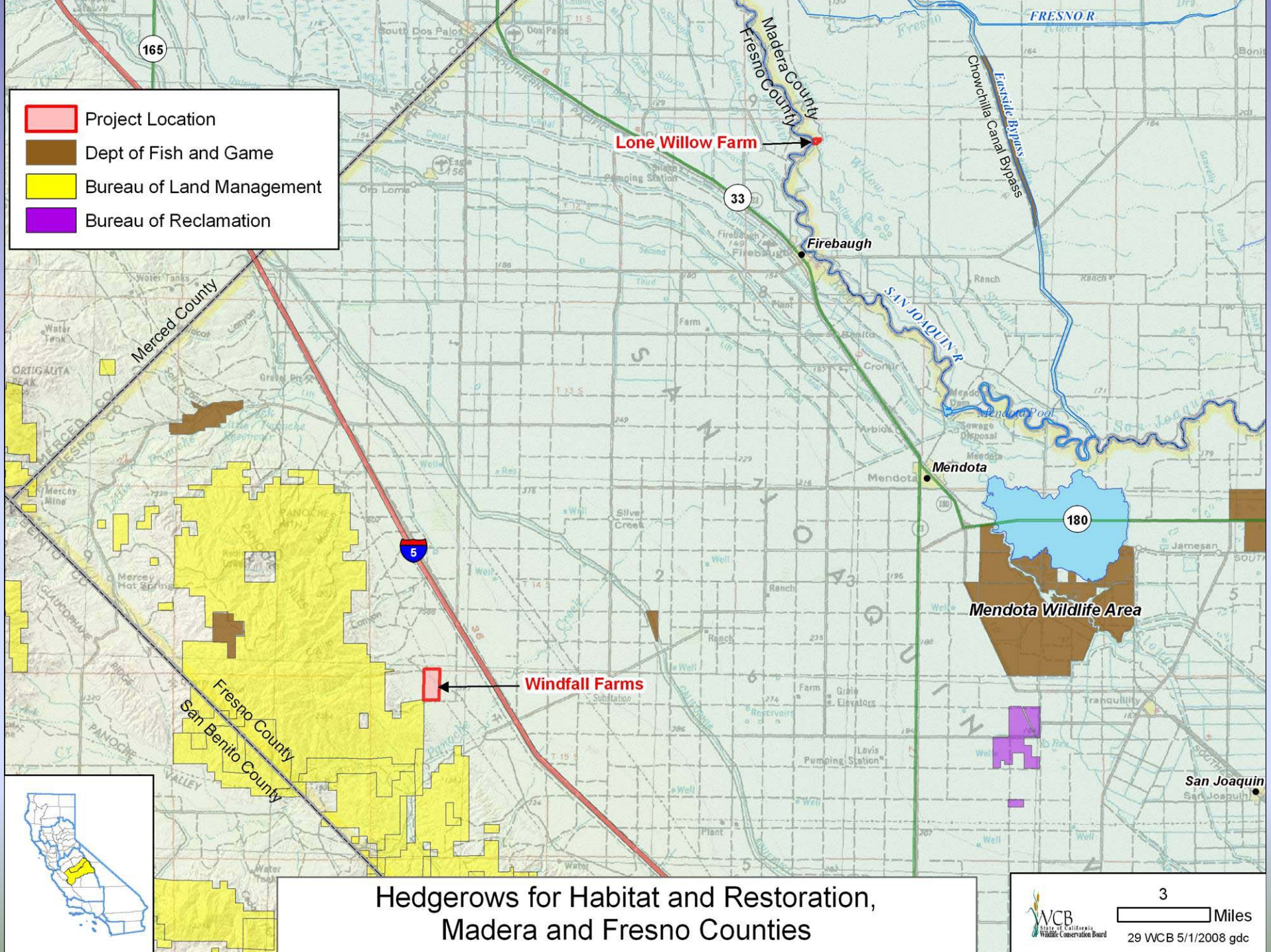
Hedgerows for Habitat and Restoration, Santa Cruz County



29 Hedgerows for Habitat and Restoration, Fresno, Madera and Santa Cruz Counties



Deep Roots Ranch, hedgerow/riparian corridor will stabilize soils and filter runoff.



29 Hedgerows for Habitat and Restoration, Fresno, Madera and Santa Cruz Counties



Windfall Farms, hedgerow will be established to add wildlife value and beneficial insects (for pollination) to property.

29 Hedgerows for Habitat and Restoration, Fresno, Madera and Santa Cruz Counties

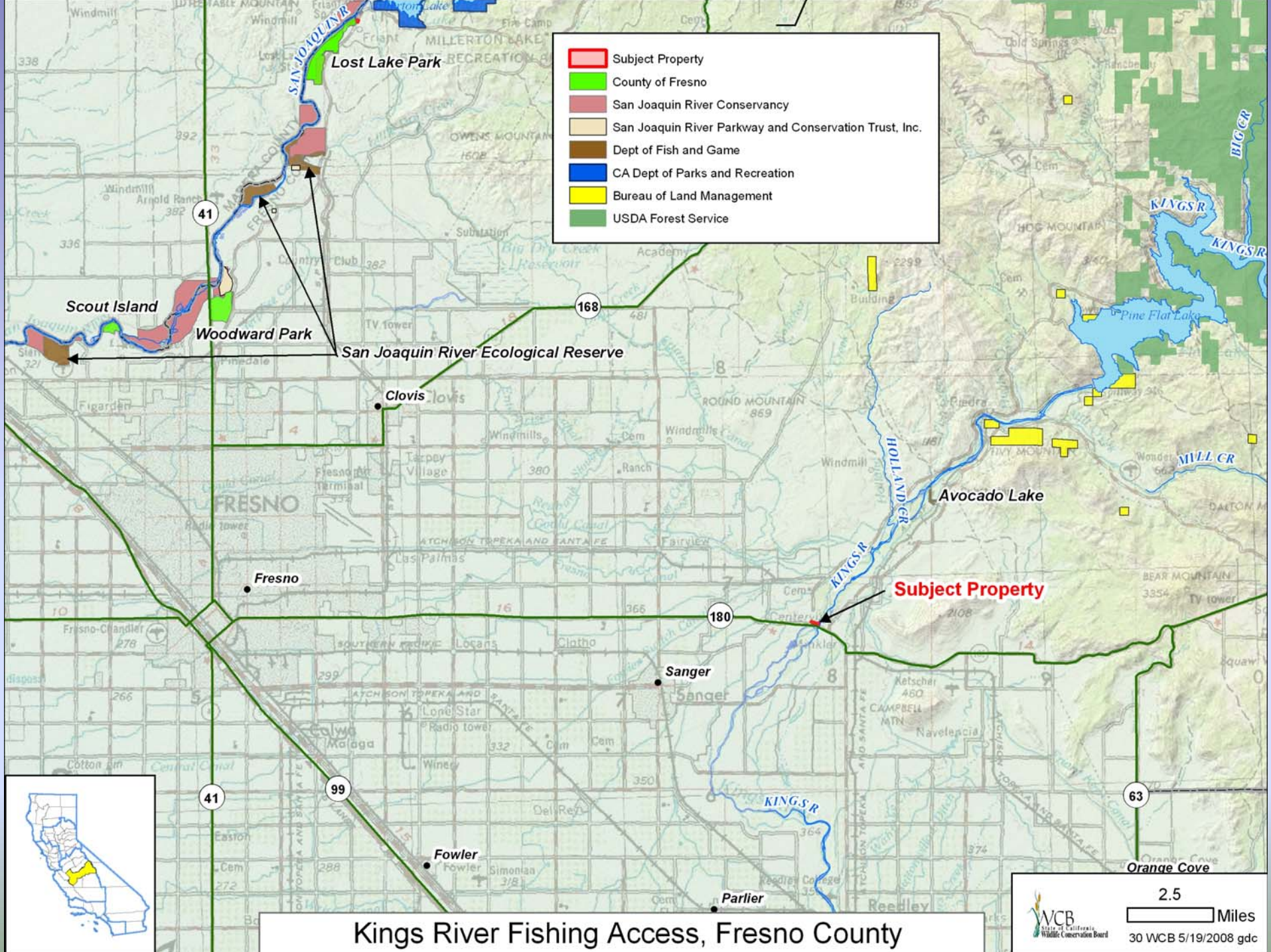


Lone Willow Farm, hedgerow/riparian corridor will connect Lone Willow Slough (behind camera) with the San Joaquin River (tree line in background).

29 Hedgerows for Habitat and Restoration, Fresno, Madera and Santa Cruz Counties



Example of Established Hedgerow (Photo courtesy of Audubon Society).



- Subject Property
- County of Fresno
- San Joaquin River Conservancy
- San Joaquin River Parkway and Conservation Trust, Inc.
- Dept of Fish and Game
- CA Dept of Parks and Recreation
- Bureau of Land Management
- USDA Forest Service

Kings River Fishing Access, Fresno County



30 Kings River Fishing Access, Fresno County



Looking downstream from project site to HWY 180 bridge.

30 Kings River Fishing Access, Fresno County



Trail from parking area to river bank and car-top boat launch will end here.

30 Kings River Fishing Access, Fresno County



Existing access road will be widened and graveled

30 Kings River Fishing Access, Fresno County



Parking area will be located here. Restroom will be installed at edge of trees.

31 San Joaquin River Riparian Habitat, Expansion 15, Fresno County



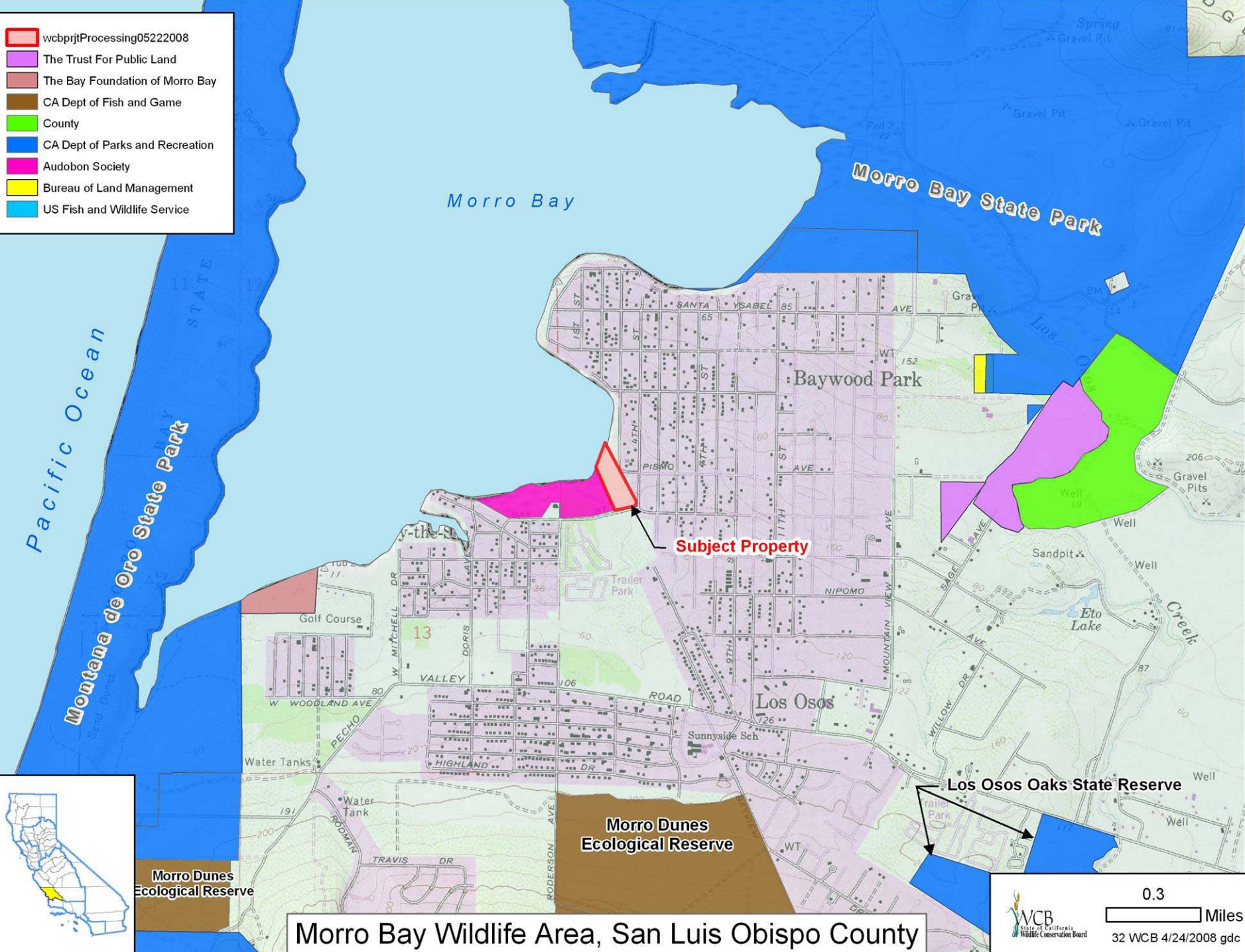
View from Friant Road toward fish hatchery

31 San Joaquin River Riparian Habitat, Expansion 15, Fresno County



View toward Flemming Avenue – current access to fish hatchery

- wcbprjtProcessing05222008
- The Trust For Public Land
- The Bay Foundation of Morro Bay
- CA Dept of Fish and Game
- County
- CA Dept of Parks and Recreation
- Audobon Society
- Bureau of Land Management
- US Fish and Wildlife Service



Morro Bay Wildlife Area, San Luis Obispo County



32 Morro Bay Wildlife Area, San Luis Obispo County



Riparian habitat along east side of property

32 Morro Bay Wildlife Area, San Luis Obispo County



View of subject from adjacent Sweet Springs Preserve

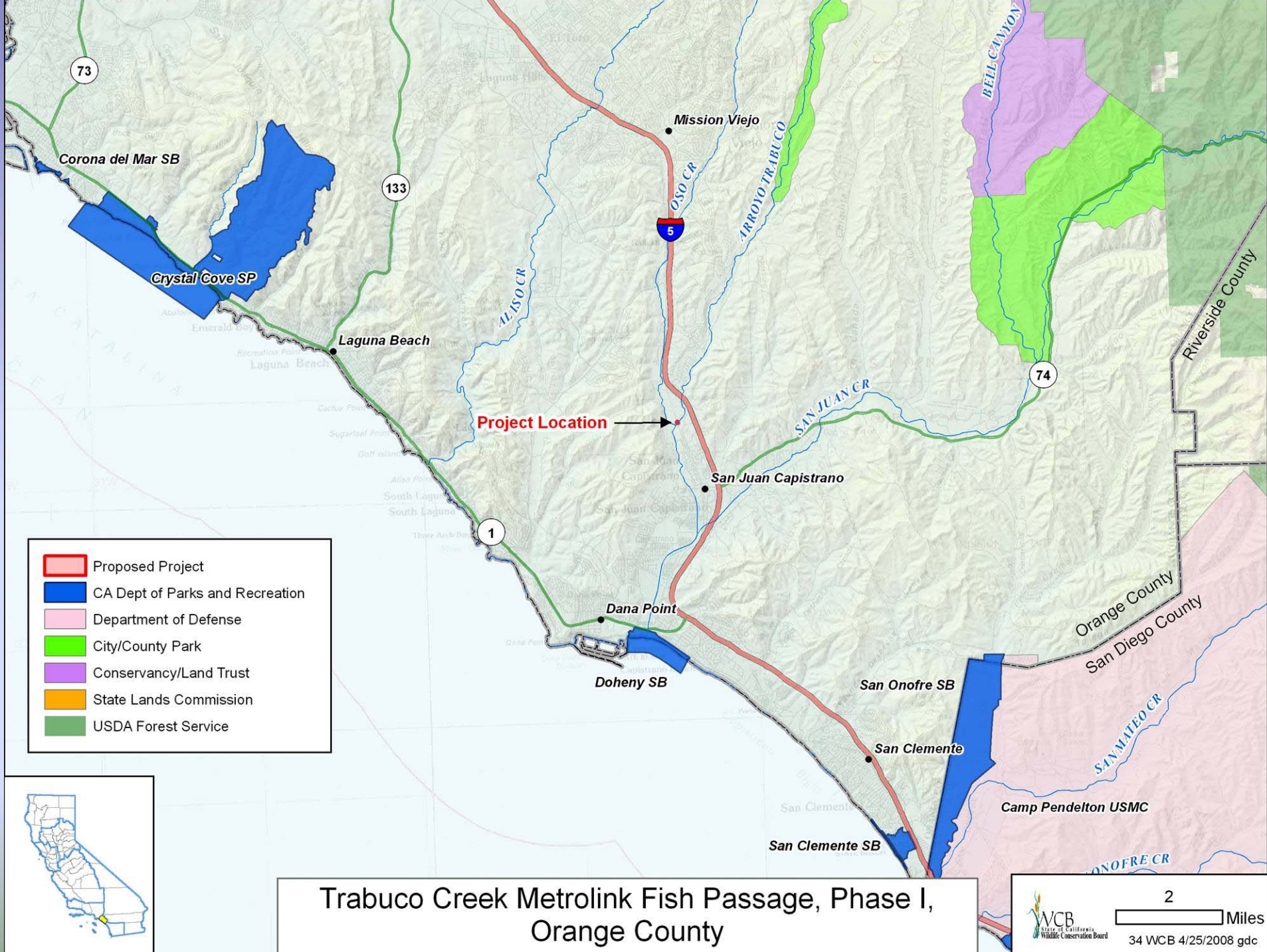
32 Morro Bay Wildlife Area, San Luis Obispo County



View from subject's northwest border along Morro Bay

33 California Fisheries Restoration Projects – 2008, Mendocino, Ventura and Santa Barbara Counties

This item has been withdrawn from consideration at this time.



34 Trabuco Creek Metrolink Fish Passage, Phase I, Orange County



Trabuco Creek Metrolink fish barrier at high flows. Drop is about six feet.

34 Trabuco Creek Metrolink Fish Passage, Phase I, Orange County

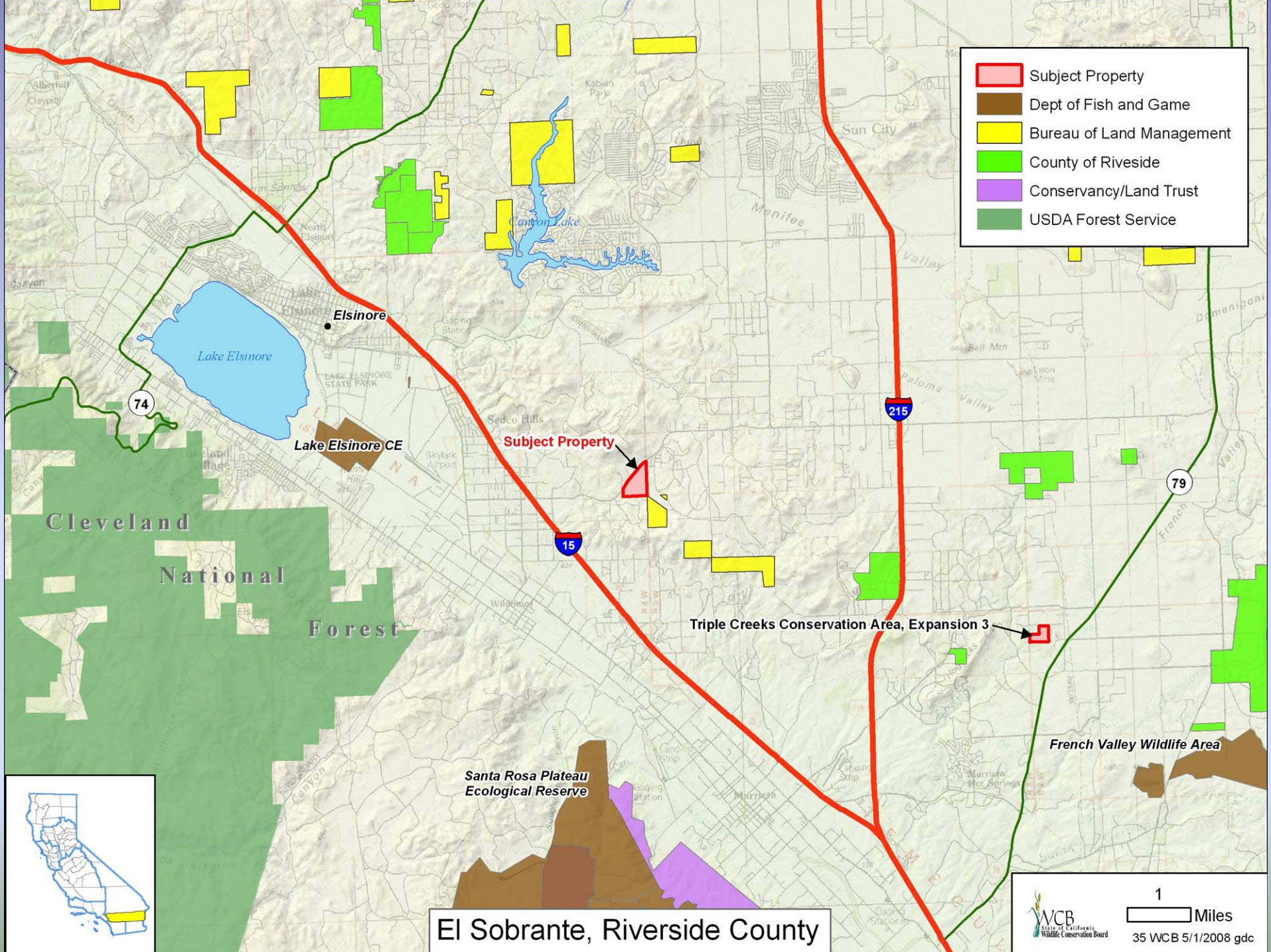


Trabuco Creek showing pool/fish barrier at low flow

34 Trabuco Creek Metrolink Fish Passage, Phase I, Orange County

Trabuco Creek from downstream side
of Metrolink Railroad crossing





- Subject Property
- Dept of Fish and Game
- Bureau of Land Management
- County of Riverside
- Conservancy/Land Trust
- USDA Forest Service

El Sobrante, Riverside County



1 Miles
35 WCB 5/1/2008 gdc

35 El Sobrante, Riverside County

Looking Southeast from near Bundy Canyon Road



35 El Sobrante, Riverside County

Looking Southwest towards Lake Elsinore Valley and Santa Ana Mountains



35 El Sobrante, Riverside County



Seasonal Creek running at base of hill

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Looking Northeast from hillside back to Bundy Canyon Road



35 El Sobrante, Riverside County

Looking southeast from top of hill



35 El Sobrante, Riverside County



Looking Northwest across creek to Bundy Canyon Rd. and undeveloped land beyond.

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Encroaching suburban development



35 El Sobrante, Riverside County



Chaparral, cactus, and wildflowers