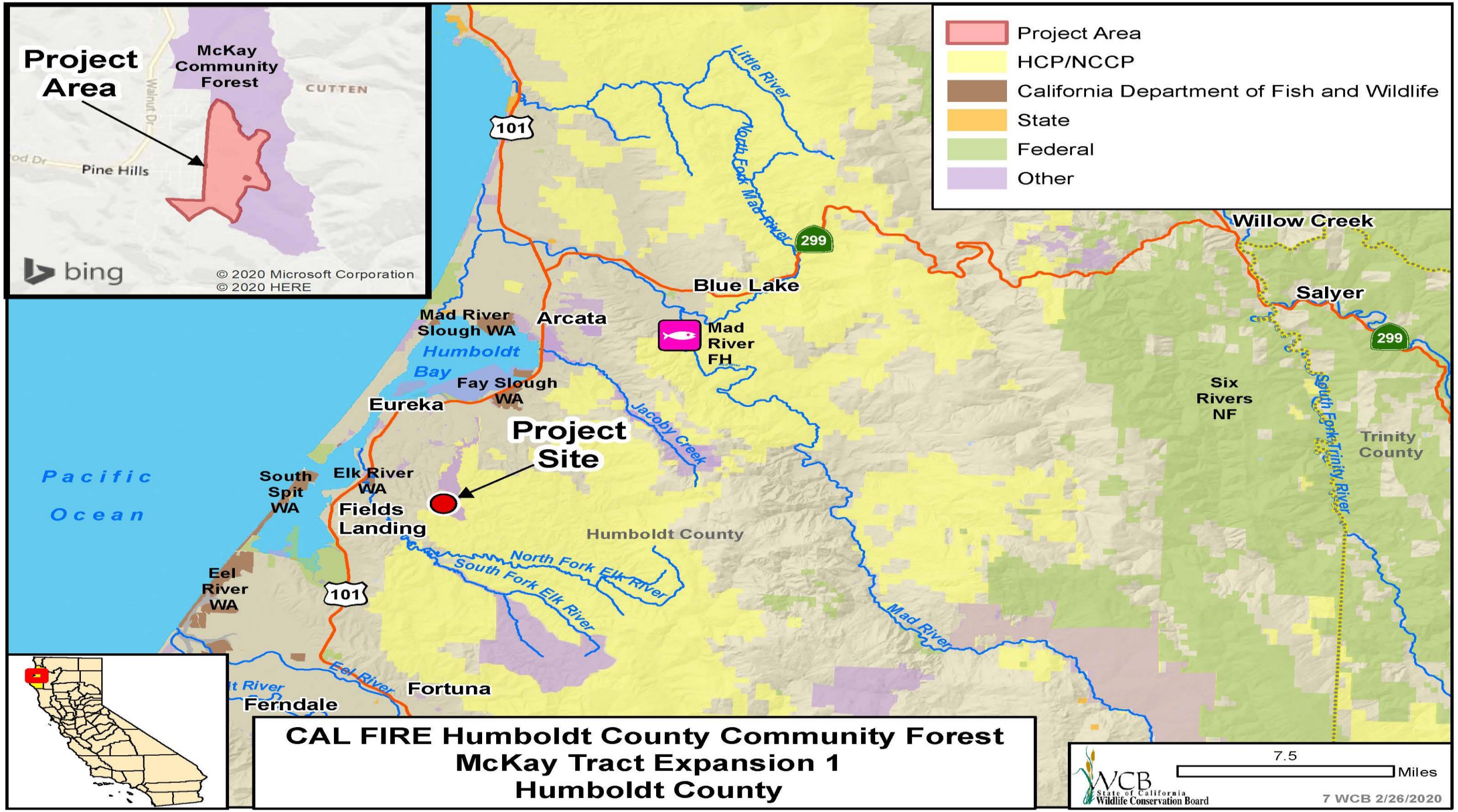
Wildlife Conservation Board Meeting
February 26, 2020

WCB
State of California
Wildlife Conservation Board

Natural Resources Building,
First Floor Auditorium
1416 9th Street,
Sacramento, CA 95814


Project Area
McKay Community Forest
CUTTEN
Walnut Dr
Pine Hills
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Project Area
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
Little River
North Fork Mad River
101
299
Willow Creek
Blue Lake
Salyer
Mad River Slough WA
Arcata
Humboldt Bay
Fay Slough WA
Mad River FH
Eureka
Jacoby Creek
Six Rivers NF
South Fork Trinity River
Trinity County
Project Site
Pacific Ocean
South Spit WA
Elk River WA
Fields Landing
Humboldt County
North Fork Elk River
South Fork Elk River
Mad River
Eel River WA
101
Eel River
Fortuna
Ferndale
CAL FIRE Humboldt County Community Forest
McKay Tract Expansion 1
Humboldt County
7.5
Miles
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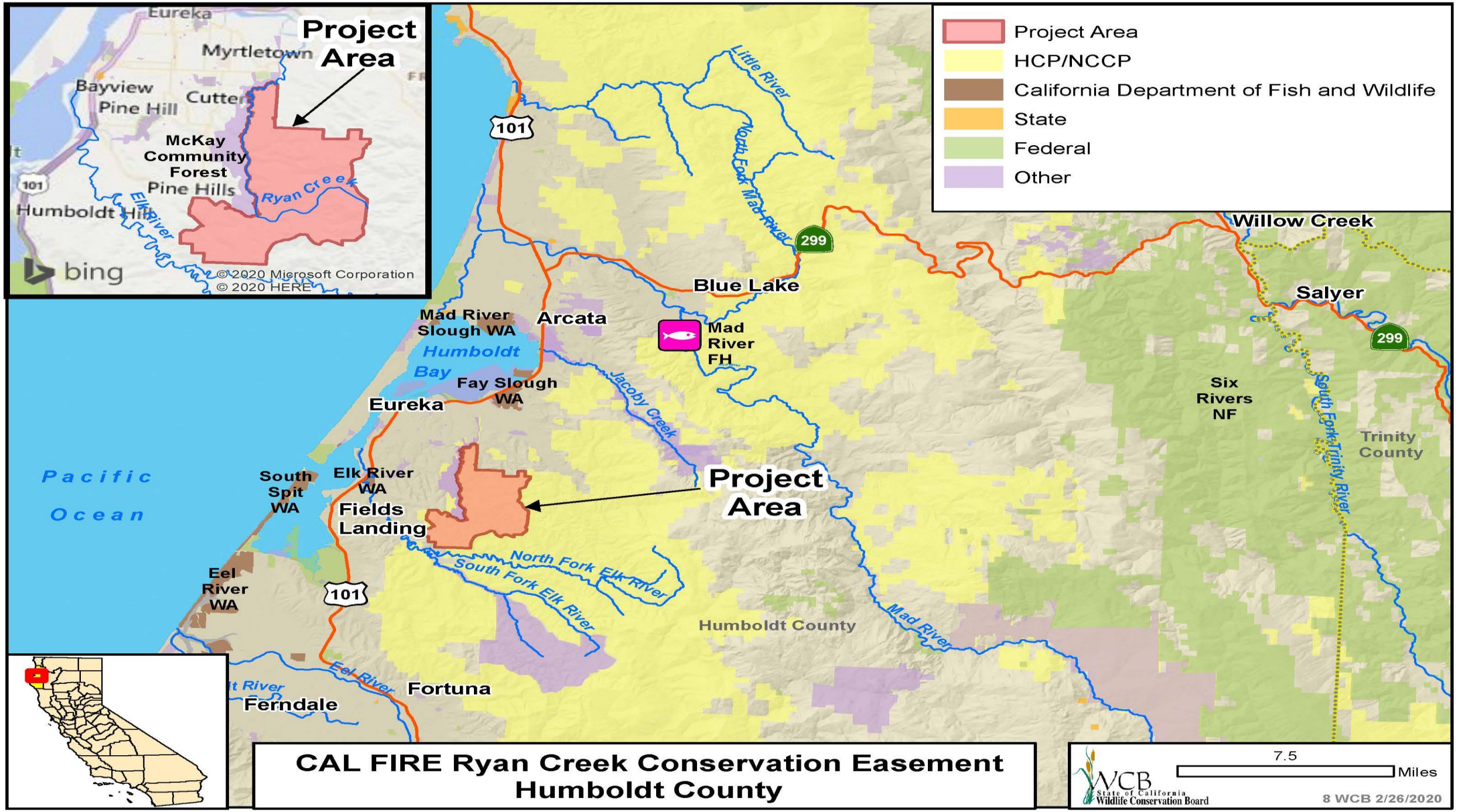
7. CAL FIRE Humboldt County Community Forest McKay Tract, Exp. 1

- Near the northeastern edge of the Property. Looking southwest at the access to the Property.

7. CAL FIRE Humboldt County Community Forest McKay Tract, Exp. 1

Near the southeastern edge of the Property. Looking west at the Property.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California Department of Fish and Wildlife
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Little River
North Fork Mad River
299
Willow Creek
Blue Lake
Salyer
Mad River Slough WA
Arcata
Humboldt Bay
Mad River FH
Fay Slough WA
Eureka
Jacoby Creek
Six Rivers NF
South Fork Trinity River
Trinity County
Pacific Ocean
South Spit WA
Elk River WA
Fields Landing
Project Area
North Fork Elk River
South Fork Elk River
Eel River WA
101
Humboldt County
Mad River
Eel River
Fortuna
Ferndale
CAL FIRE Ryan Creek Conservation Easement
Humboldt County
7.5
Miles
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8. CAL FIRE Ryan Creek Conservation Easement

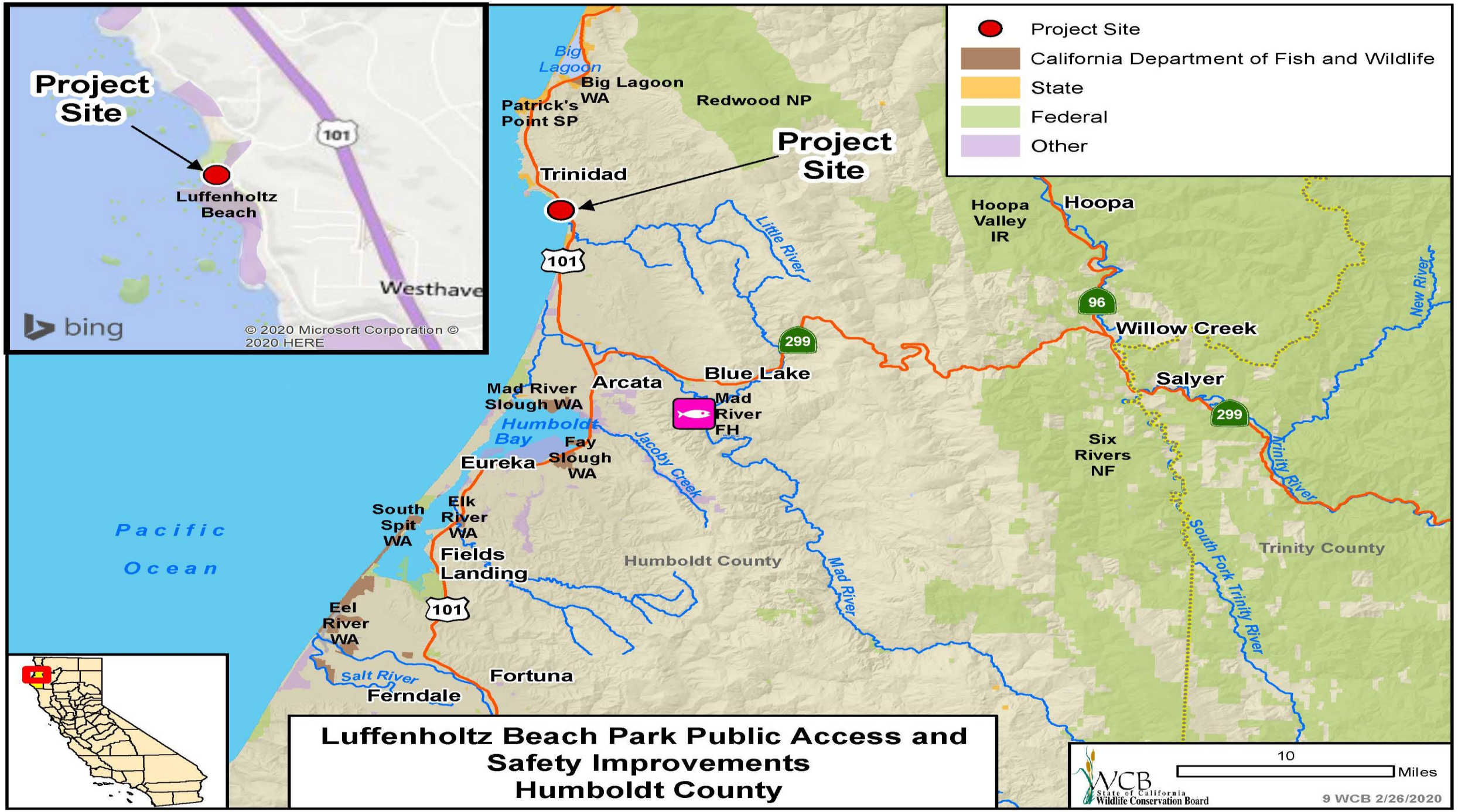
- While the majority of the Property has dense forest habitat, there are portions of the Property that are more open.

8. CAL FIRE Ryan Creek Easement

Ryan Creek, which flows on the Property, provides spawning habitat for Coho.

8. CAL FIRE Ryan Creek Easement

- Ryan Creek Property's habitat is home to species such as northern spotted owl, red-legged frog, osprey, and peregrine falcon; plants include ghost-pipe and Howell's montia.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Luffenholtz Beach
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Westhaven
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Project Site
California Department of Fish and Wildlife
State
Federal
Other
Big Lagoon
Big Lagoon WA
Patrick's Point SP
Redwood NP
Project Site
Trinidad
101
Little River
Hoopa Valley IR
Hoopa
96
Willow Creek
New River
299
Blue Lake
Salyer
Mad River Slough WA
Arcata
Mad River FH
Humboldt Bay
Fay Slough WA
Eureka
Jacoby Creek
Six Rivers NF
299
Trinity River
South Spit WA
Elk River WA
Fields Landing
Humboldt County
Mad River
South Fork Trinity River
Trinity County
Pacific Ocean
Eel River WA
101
Salt River
Fortuna
Ferndale
Luffenholtz Beach Park Public Access and Safety Improvements
Humboldt County
10
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9. Luffenholtz Beach Park Public Access and Safety Improvements

- A public picnic / gazebo area are proposed to complement the existing parking lot. Also included in the proposal are much-needed bike racks, trash/recycle cans, signage, a kiosk and vista bench seating.

9. Luffenholtz Beach Park Public Access and Safety Improvements

- This existing restroom building is a discontinued septic system, to be removed, filled and capped. It will be replaced with an ADA accessible vault tank or portable restroom unit.

9. Luffenholtz Beach Park Public Access and Safety Improvements

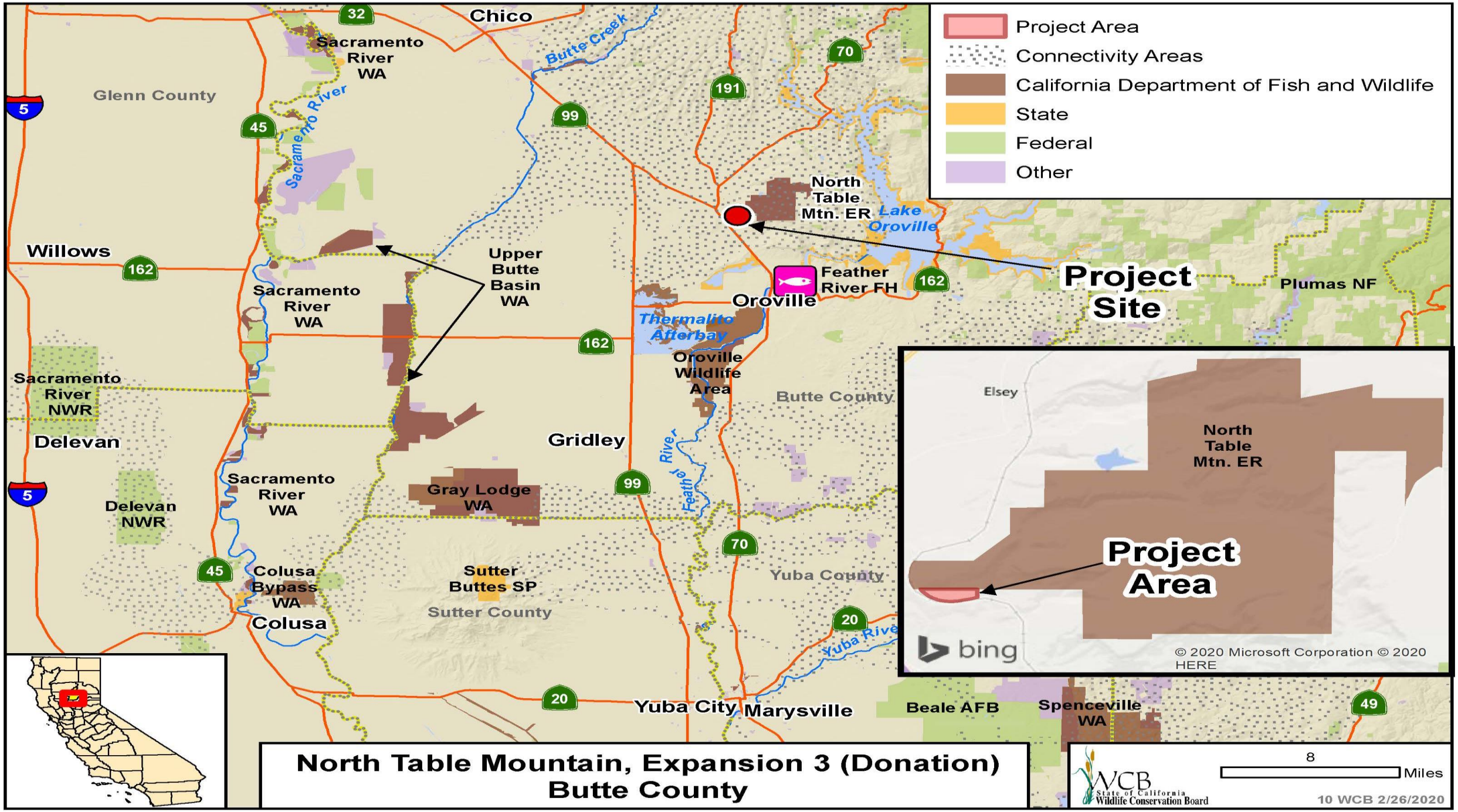
- Trail steps and guard rails on vista point trail need replacement.

9. Luffenholtz Beach Park Public Access and Safety Improvements

Trail vegetation loss and soil erosion are a growing problem.

9. Luffenholtz Beach Park Public Access and Safety Improvements

- This existing vista lookout will be improved with an ADA accessible parking spot and paved path to an ADA picnic bench.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State
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Project Area
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Feather River FH
Oroville
Plumas NF
Upper Butte Basin WA
Sacramento River WA
Thermalito Afterbay
Oroville Wildlife Area
Butte County
Gridley
Gray Lodge WA
Sutter Buttes SP
Sutter County
Yuba County
Colusa Bypass WA
Colusa
Willows
Glenn County
Chico
Butte Creek
Sacramento River
Sacramento River NWR
Delevan
Delevan NWR
Feather River
Yuba River
Yuba City
Marysville
Beale AFB
Spenceville WA
Elsey
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North Table Mountain, Expansion 3 (Donation)
Butte County
8
Miles
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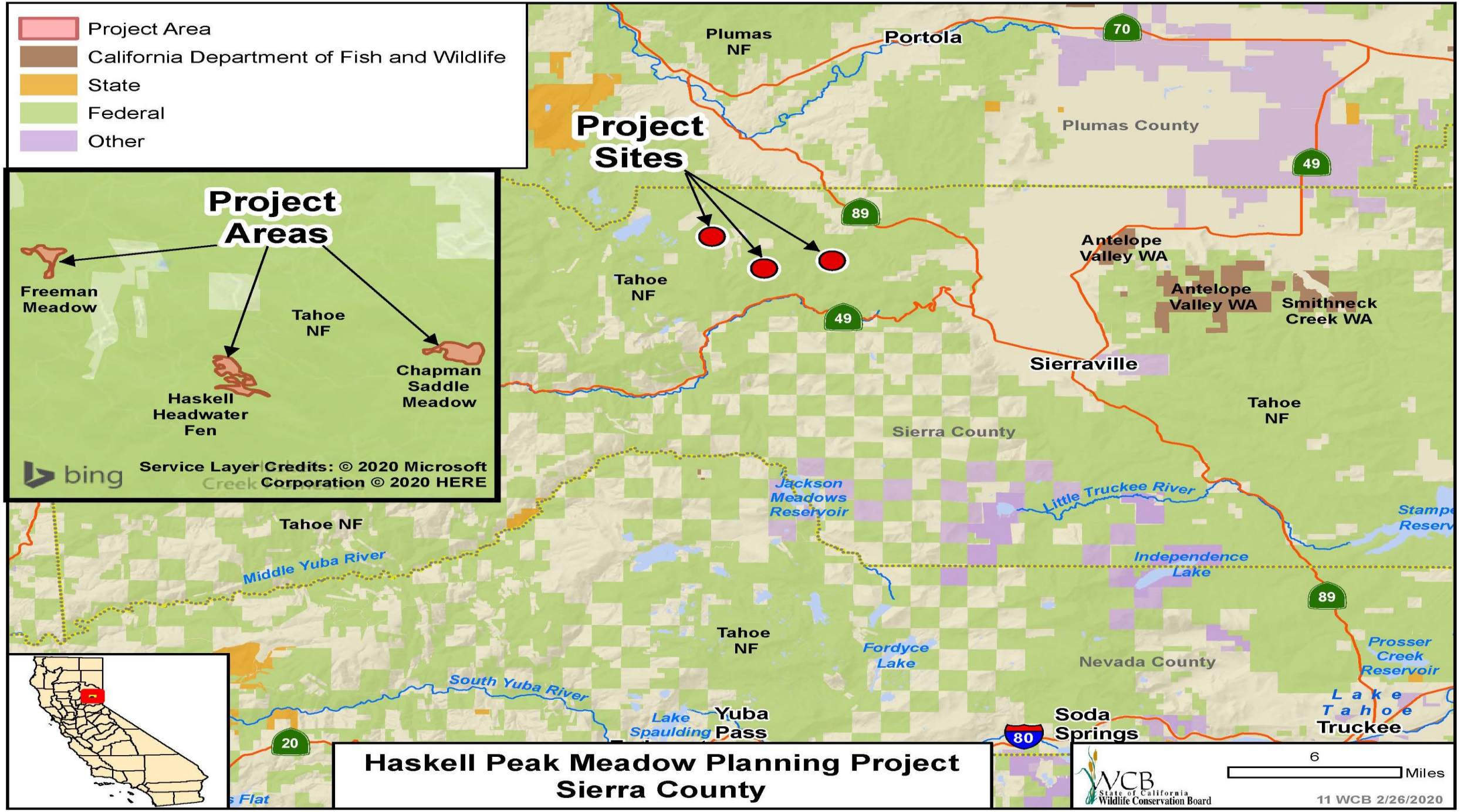
10. North Table Mountain, Exp. 3 (Donation)

- North Table Mountain Expansion 3 Donation from Thomassen Family as seen from the air.

10. North Table Mountain, Exp. 3 (Donation)

- North Table Mountain Expansion 3 Thomassen Donation as seen from the air. There is no legal access to the property, thus the only pictures available from the landowners were taken from plane.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California Department of Fish and Wildlife
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Haskell Headwater Fen
Chapman Saddle Meadow
Tahoe NF
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Project Sites
Plumas NF
Portola
Plumas County
Tahoe NF
Antelope Valley WA
Smithneck Creek WA
Sierraville
Sierra County
Jackson Meadows Reservoir
Little Truckee River
Middle Yuba River
Independence Lake
Fordyce Lake
Nevada County
Prosser Creek Reservoir
South Yuba River
Lake Spaulding
Yuba Pass
Soda Springs
Lake Tahoe
Truckee
70
49
89
20
80
Haskell Peak Meadow Planning Project
Sierra County
6
Miles
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11. Haskell Peak Meadow Planning Project

Eroded streambank in Freeman Meadow

11. Haskell Peak Meadow Planning Project

Stream gage at culvert recording flow data at Freeman Meadow.

11. Haskell Peak Meadow Planning Project

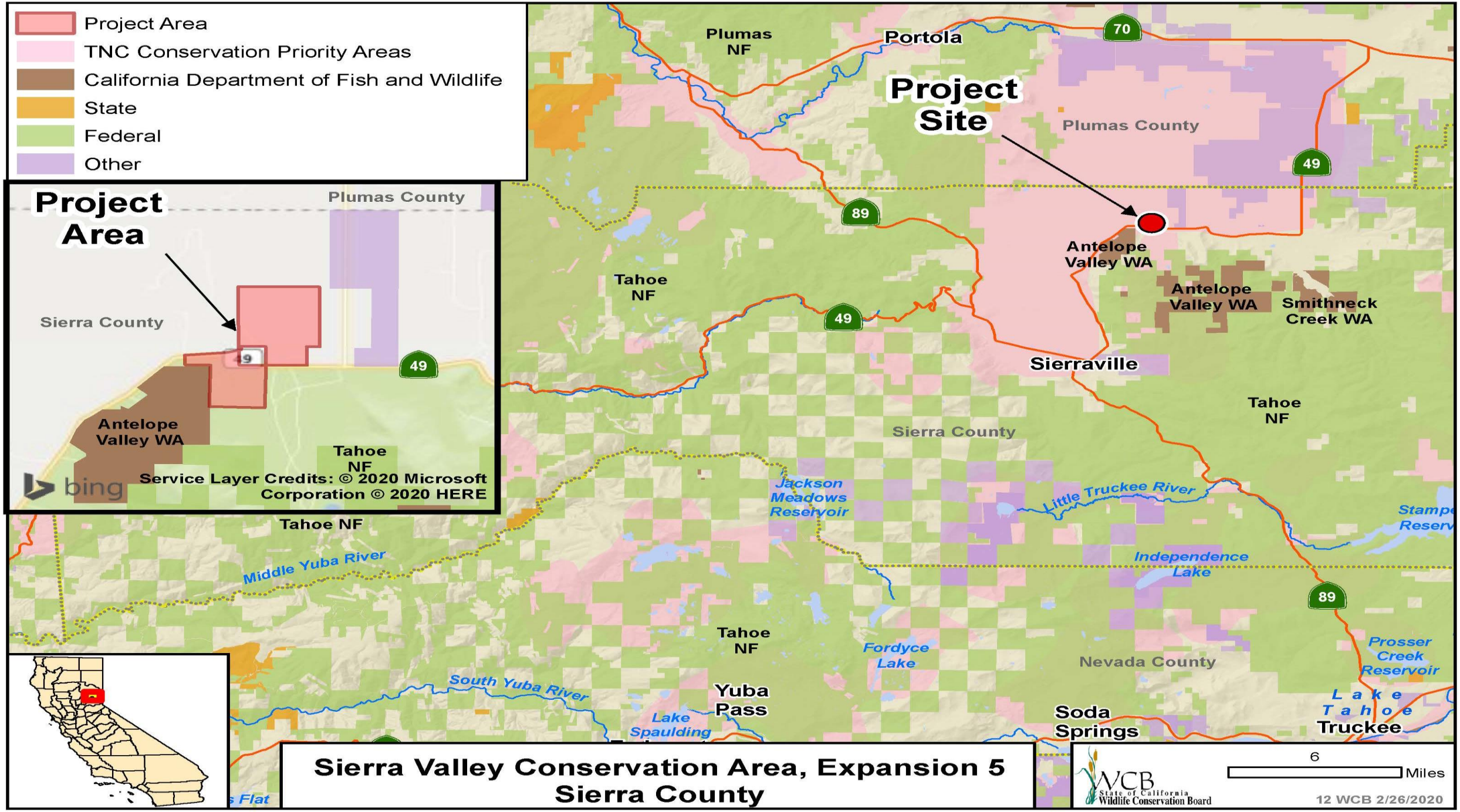
Eroded streambank at Freeman Meadow, disrupting stream flows from meadow.

11. Haskell Peak Meadow Planning Project

- Top: Eroding culvert from road leading down to meadow (right)
- Right: View of Haskell Headwater Fen Meadow from above

11. Haskell Peak Meadow Planning Project

- Chapman Saddle Meadow streambank erosion:
  - Top: looking downstream
  - Right: Looking upstream


Project Area
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California Department of Fish and Wildlife
State
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Other
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Plumas County
Sierra County
49
Antelope Valley WA
Tahoe NF
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Service Layer Credits: © 2020 Microsoft Corporation © 2020 HERE
Plumas NF
Portola
70
Project Site
Plumas County
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89
Antelope Valley WA
Tahoe NF
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Antelope Valley WA
Smithneck Creek WA
Sierraville
Tahoe NF
Sierra County
Jackson Meadows Reservoir
Little Truckee River
Middle Yuba River
Tahoe NF
Independence Lake
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Tahoe NF
Fordyce Lake
Nevada County
Prosper Creek Reservoir
South Yuba River
Yuba Pass
Lake Spaulding
Soda Springs
Lake Tahoe
Truckee
Sierra Valley Conservation Area, Expansion 5
Sierra County
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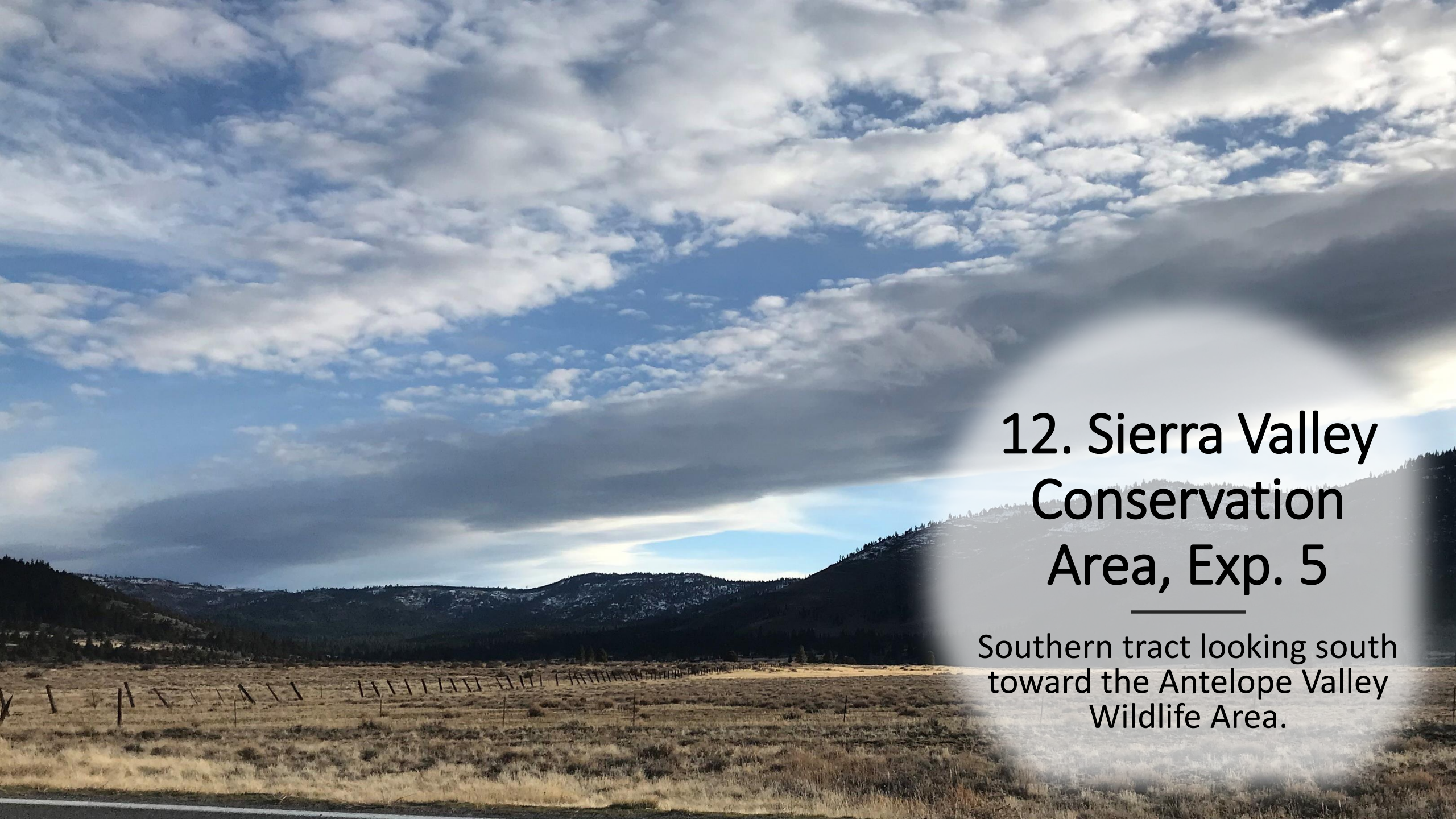
12. Sierra Valley Conservation Area, Exp. 5

Northern tract looking north from southern border. Plowed grain field.

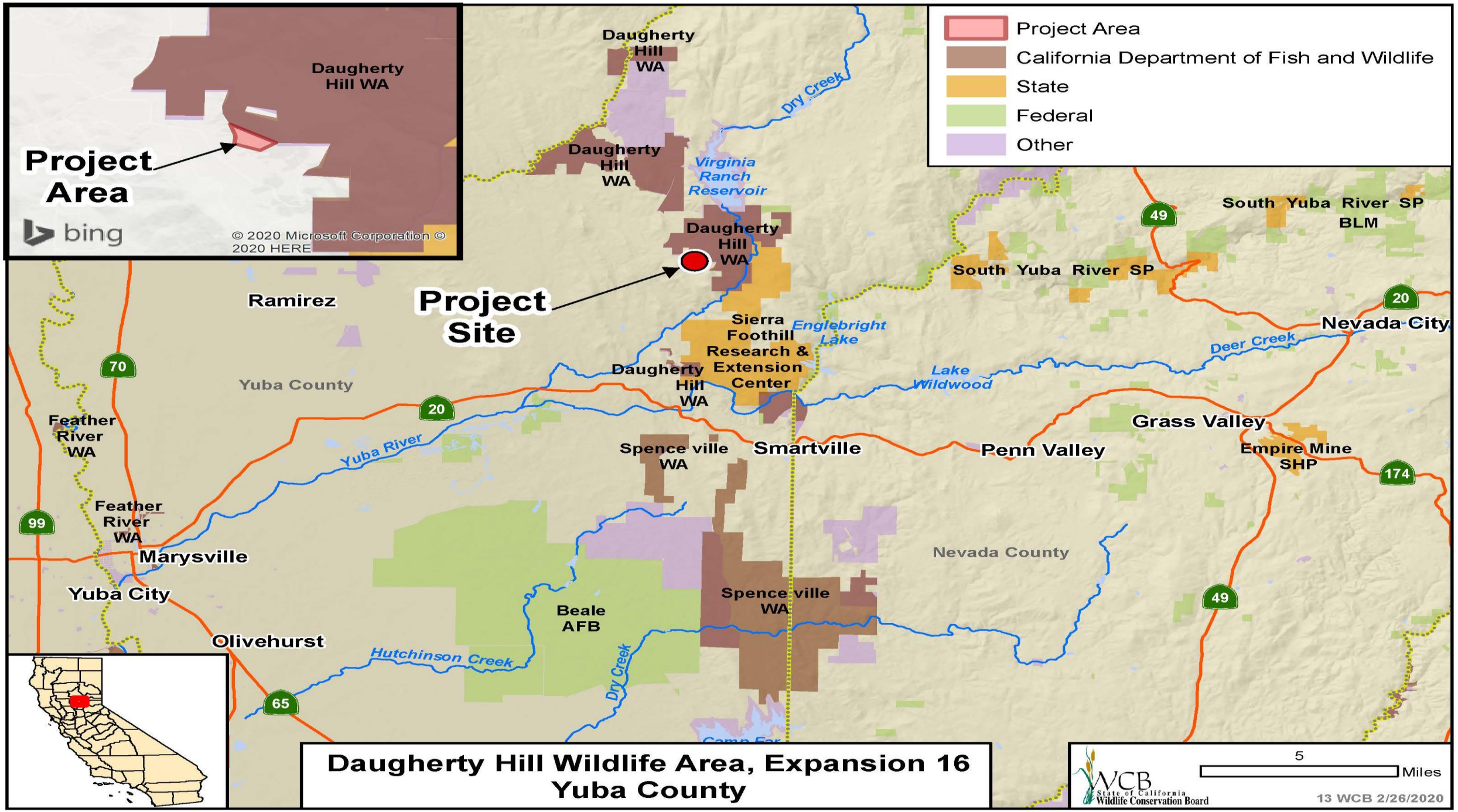


12. Sierra Valley Conservation Area, Exp. 5

Southern tract looking south toward the Antelope Valley Wildlife Area.

12. Sierra Valley Conservation Area, Exp. 5

- Southern tract looking south across the wet meadow in the foreground and elevation transition in the background to bitterbrush and sagebrush.


Project Area
California Department of Fish and Wildlife
State
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Other
Project Area
Daugherty Hill WA
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Project Site
Daugherty Hill WA
Daugherty Hill WA
Daugherty Hill WA
Daugherty Hill WA
Dry Creek
Virginia Ranch Reservoir
Ramirez
Sierra Foothill Research & Extension Center
Englebright Lake
Lake Wildwood
Deer Creek
South Yuba River SP
South Yuba River SP BLM
49
20
Nevada City
Yuba County
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Feather River WA
Yuba River
Spence ville WA
Smartville
Penn Valley
Grass Valley
Empire Mine SHP
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Feather River WA
Marysville
Yuba City
Nevada County
Spence ville WA
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Beale AFB
Olivehurst
Hutchinson Creek
Dry Creek
65
Daugherty Hill Wildlife Area, Expansion 16
Yuba County
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13. Daugherty Hill Wildlife Area, Expansion 16

Looking east from Mourning Dove.

13. Daugherty Hill Wildlife Area, Expansion 16

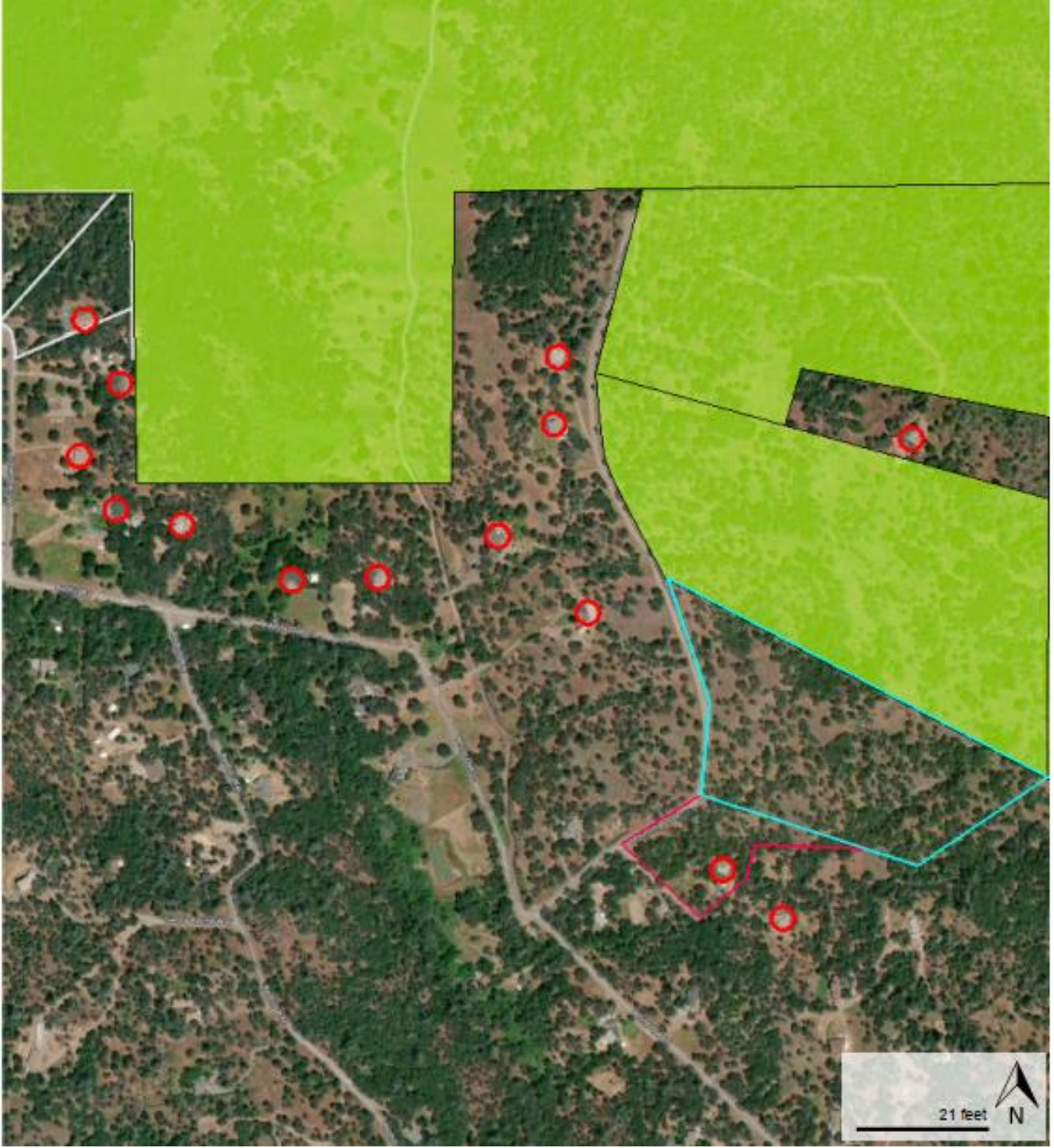
Looking south along Mourning Dove, subject on the left.

13. Daugherty Hill Wildlife Area, Expansion 16

Looking West at the Sutter Buttes

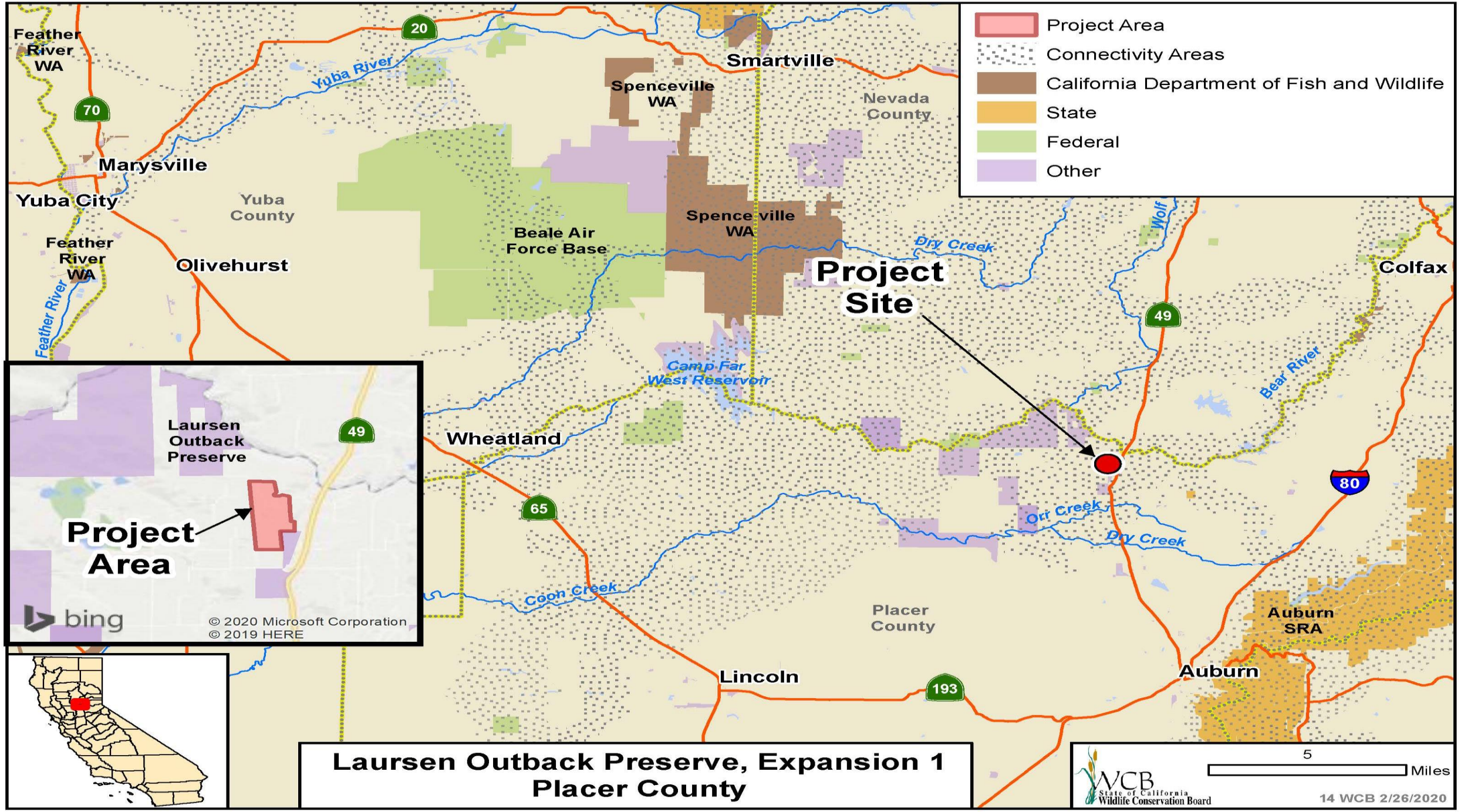
13. Daugherty Hill Wildlife Area, Expansion 16

Existing fence between Daugherty Hill WA and the proposed acquistion



13. Daugherty Hill Wildlife Area, Expansion 16

Circled in red are neighboring homes near the Daugherty Hill Wildlife Area.


Project Area
Connectivity Areas
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Feather River WA
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Yuba River
Smartville
Spenceville WA
Nevada County
70
Marysville
Yuba City
Yuba County
Beale Air Force Base
Spenceville WA
Dry Creek
Wolf
Project Site
Colfax
Feather River WA
Olivehurst
Feather River
49
Camp Far West Reservoir
Bear River
Laursen Outback Preserve
Wheatland
80
65
Orr Creek
Dry Creek
Project Area
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Cooh Creek
Placer County
Auburn SRA
Auburn
Lincoln
193
Laursen Outback Preserve, Expansion 1
Placer County
WCB
State of California
Wildlife Conservation Board
5
Miles
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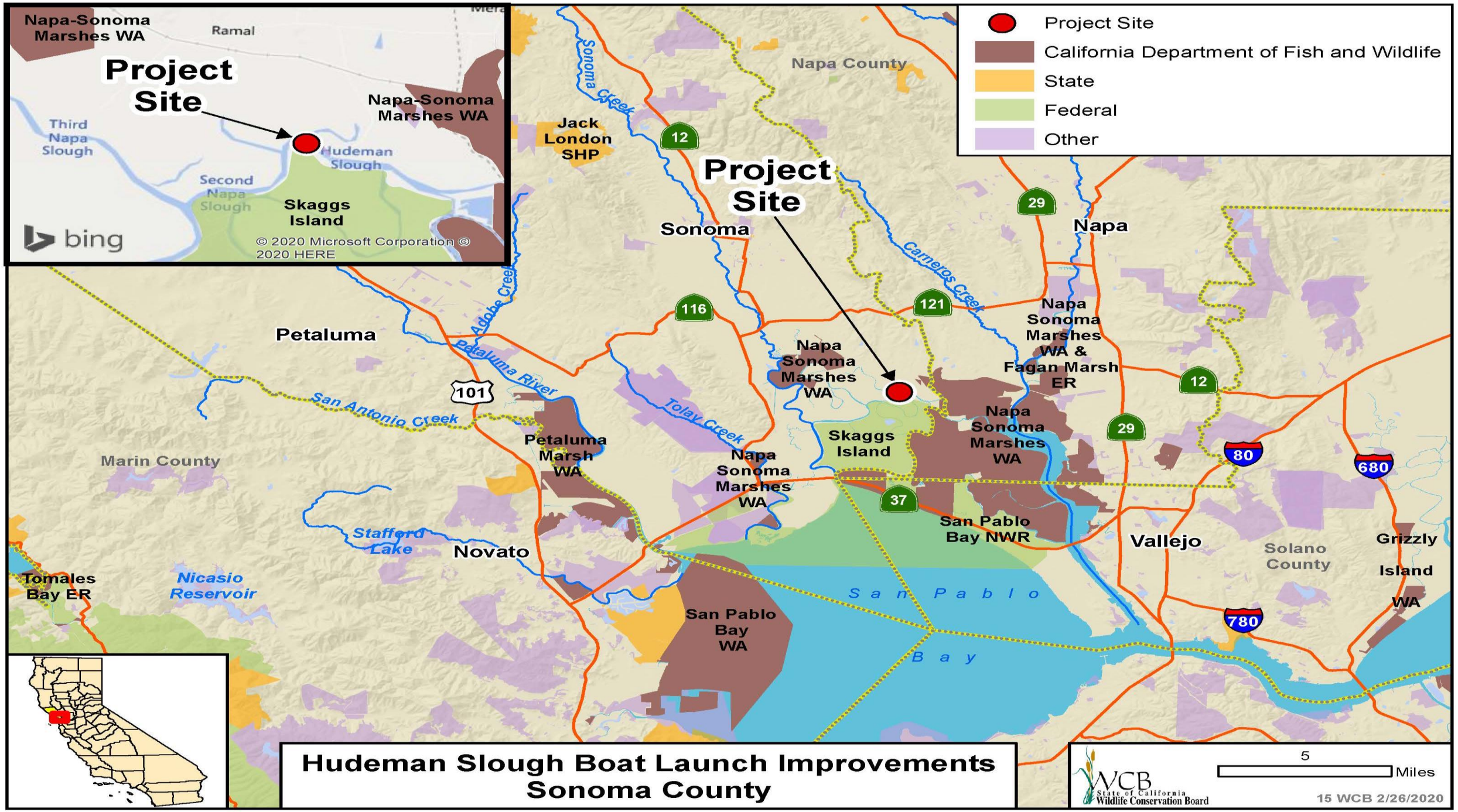
14. Laursen Outback Preserve, Expansion 1

- The property provides habitat for a variety of special status species including valley elderberry longhorn beetle, a federally-listed threatened species.

14. Laursen Outback Preserve, Expansion 1

- Typical landscape of the property, oak woodlands, including blue oaks and valley oaks.


Project Site
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Other
Napa-Sonoma Marshes WA
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Napa-Sonoma Marshes WA
Third Napa Slough
Hudeman Slough
Second Napa Slough
Skaggs Island
bing
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Napa County
Sonoma Creek
Jack London SHP
12
Project Site
Sonoma
29
Napa
Carneros Creek
121
116
Napa Sonoma Marshes WA & Fagan Marsh ER
Adobe Creek
Petaluma
Petaluma River
Napa Sonoma Marshes WA
101
San Antonio Creek
Tolay Creek
Skaggs Island
Napa Sonoma Marshes WA
Petaluma Marsh WA
Marin County
Napa Sonoma Marshes WA
37
San Pablo Bay NWR
80
680
Vallejo
Solano County
Grizzly Island WA
Stafford Lake
Novato
Tomales Bay ER
Nicasio Reservoir
San Pablo Bay
San Pablo Bay WA
780
Hudeman Slough Boat Launch Improvements
Sonoma County
5
Miles
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15. Hudeman Slough Boat Launch Improvements

- The boat launch and ramp are severely degraded and need replacement.

15. Hudeman Slough Boat Launch Improvements

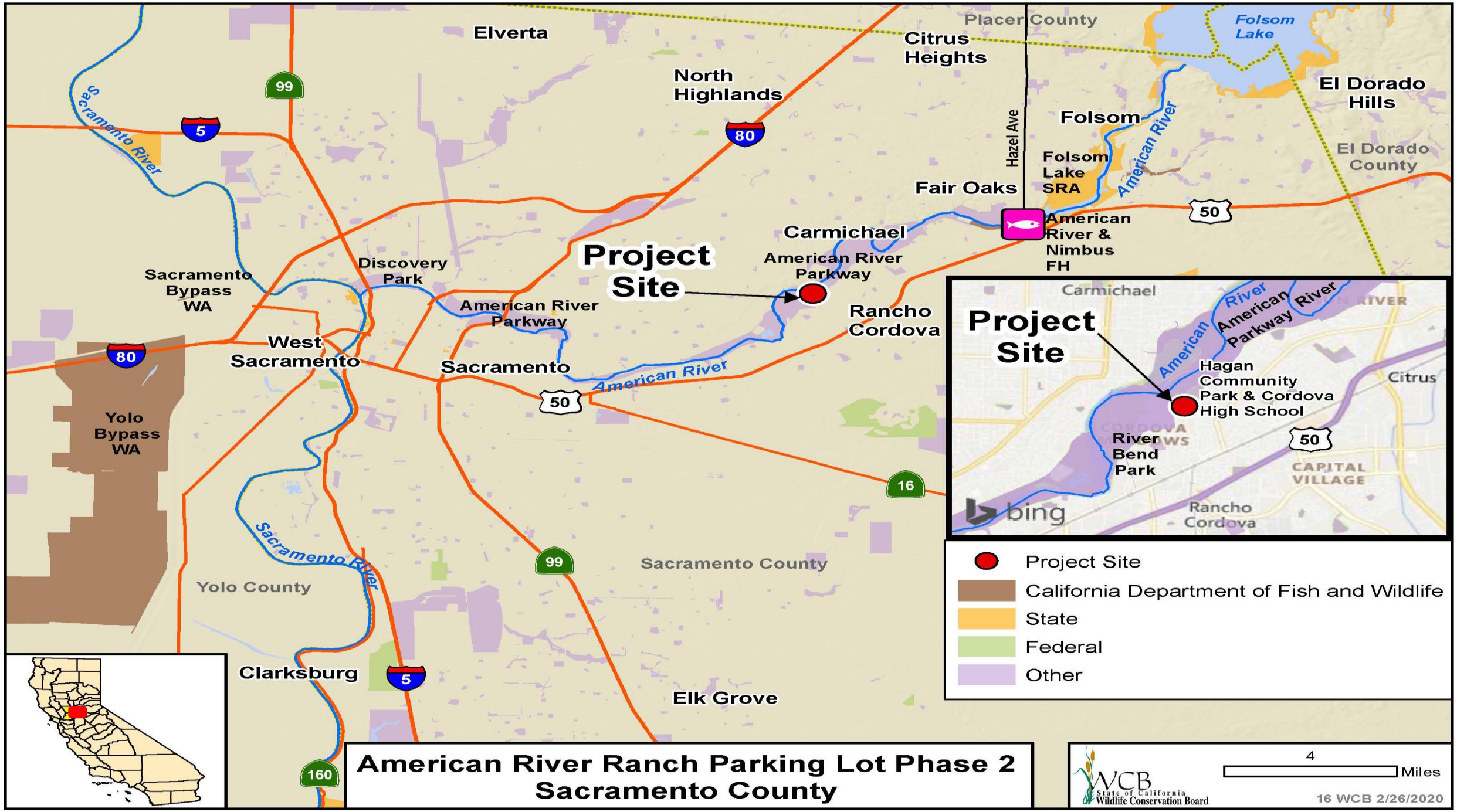
- On November 29, 2012, WCB approved $50,000 for Hudeman Slough Fishing Access environmental review. This funding assisted with the completion of the 50% design and environmental documentation.

15. Hudeman Slough Boat Launch Improvements

- Hudeman Slough will provide a popular option for regional boaters, and the surrounding marshlands and farmlands will attract boaters seeking a natural environment experience.

15. Hudeman Slough Boat Launch Improvements

- During the planning process, tidal action and silt deposits forced the dock to buckle and welds to break beyond grantee’s ability to repair.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Folsom Lake
North Highlands
El Dorado Hills
Folsom
Hazel Ave
Sacramento River
American River
Folsom Lake SRA
El Dorado County
Fair Oaks
American River & Nimbus FH
Carmichael
Project Site
American River Parkway
Discovery Park
Sacramento Bypass WA
Rancho Cordova
American River Parkway
West Sacramento
Sacramento
American River
Yolo Bypass WA
Sacramento River
Yolo County
Sacramento County
Clarksburg
Elk Grove
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Project Site
Carmichael
American River Parkway
Hagan Community Park & Cordova High School
River Bend Park
Citrus
CAPITAL VILLAGE
Rancho Cordova
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Project Site
California Department of Fish and Wildlife
State
Federal
Other
American River Ranch Parking Lot Phase 2
Sacramento County
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Miles
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16. American River Ranch Parking Lot, Phase 2

- Existing dirt parking lot at the American River Ranch.

16. American River Ranch Parking Lot, Phase 2

Existing dirt parking lot during dry season.

16. American River Ranch Parking Lot, Phase 2

Existing dirt parking lot during wet season.

16. American River Ranch Parking Lot, Phase 2

Unlevel surface of existing dirt parking lot.

16. American River Ranch Parking Lot, Phase 2

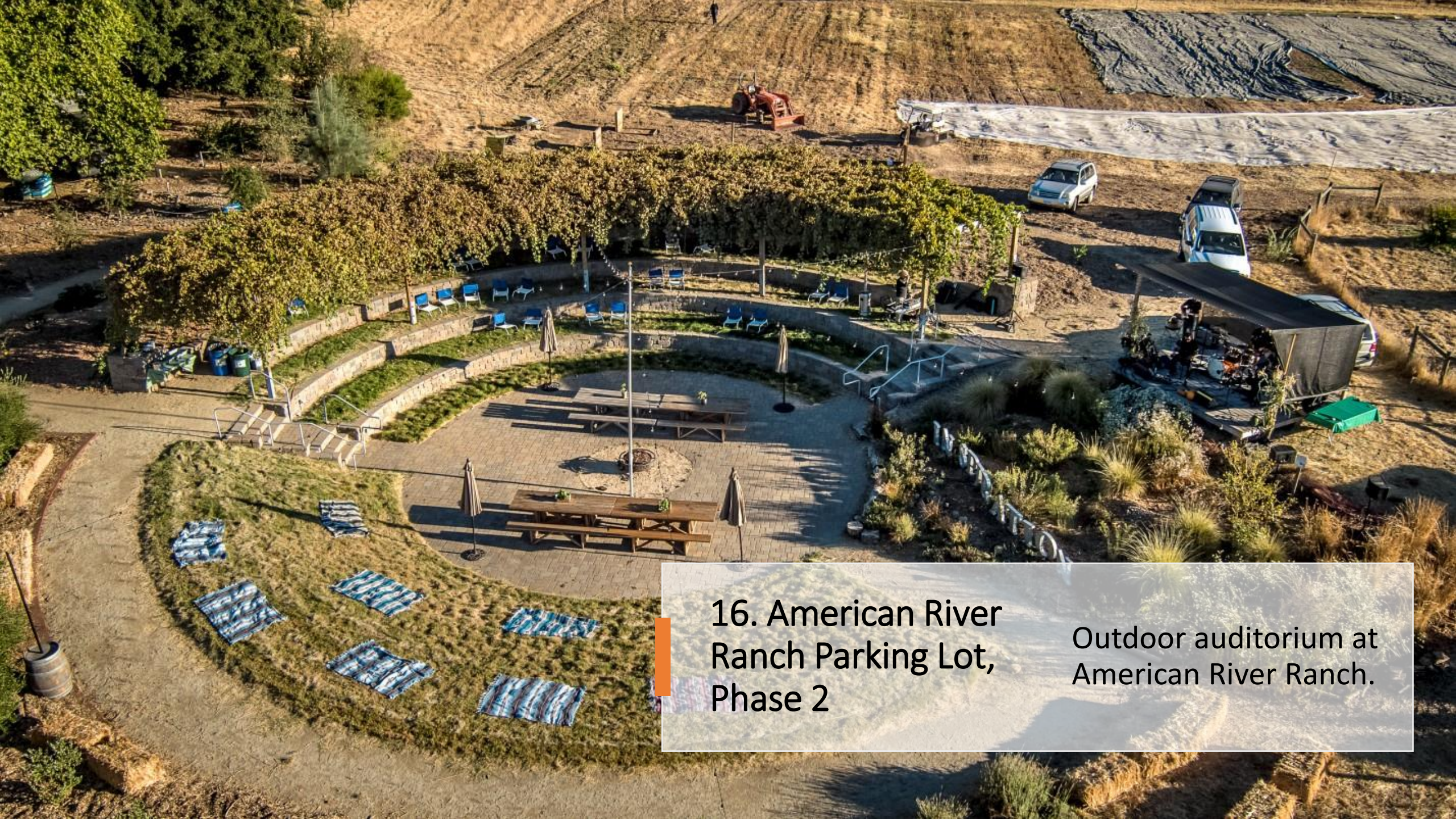
Overflow parking lot (within Hagan Community Park) being used for event at American River Ranch.

16. American River Ranch Parking Lot, Phase 2

- Visitor use during event at American River Ranch.

16. American River Ranch Parking Lot, Phase 2

Organic agriculture at American River Ranch.



16. American River Ranch Parking Lot, Phase 2

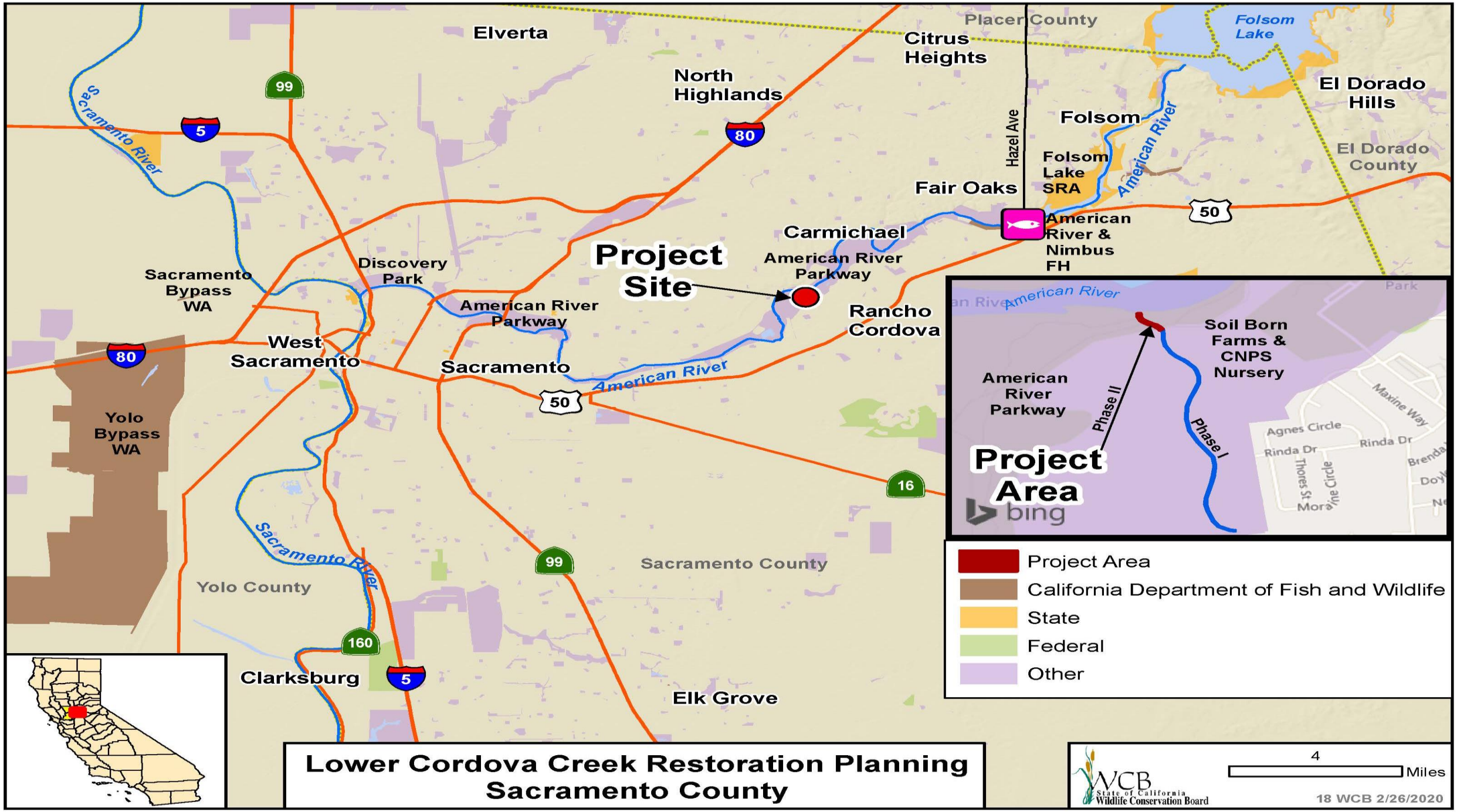
Outdoor auditorium at American River Ranch.

16. American River Ranch Parking Lot, Phase 2

- Class I multiuse trail and American River in close proximity to the American River Ranch agricultural fields.

17. Bushy Lake Conceptual Restoration Plan

This project withdrawn from consideration at this time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North Highlands
El Dorado Hills
Folsom
Hazel Ave
American River
Folsom Lake SRA
El Dorado County
Fair Oaks
American River & Nimbus FH
Carmichael
Project Site
American River Parkway
Discovery Park
Sacramento Bypass WA
American River Parkway
Rancho Cordova
West Sacramento
Sacramento
American River
Yolo Bypass WA
Sacramento River
Yolo County
Sacramento County
Clarksburg
Elk Grove
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Soil Born Farms & CNPS Nursery
American River Parkway
Phase II
Phase I
Project Area
bing
Maxine Way
Agnes Circle
Rinda Dr
Thores St
Mora
Project Area
California Department of Fish and Wildlife
State
Federal
Other
Lower Cordova Creek Restoration Planning
Sacramento County
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Miles
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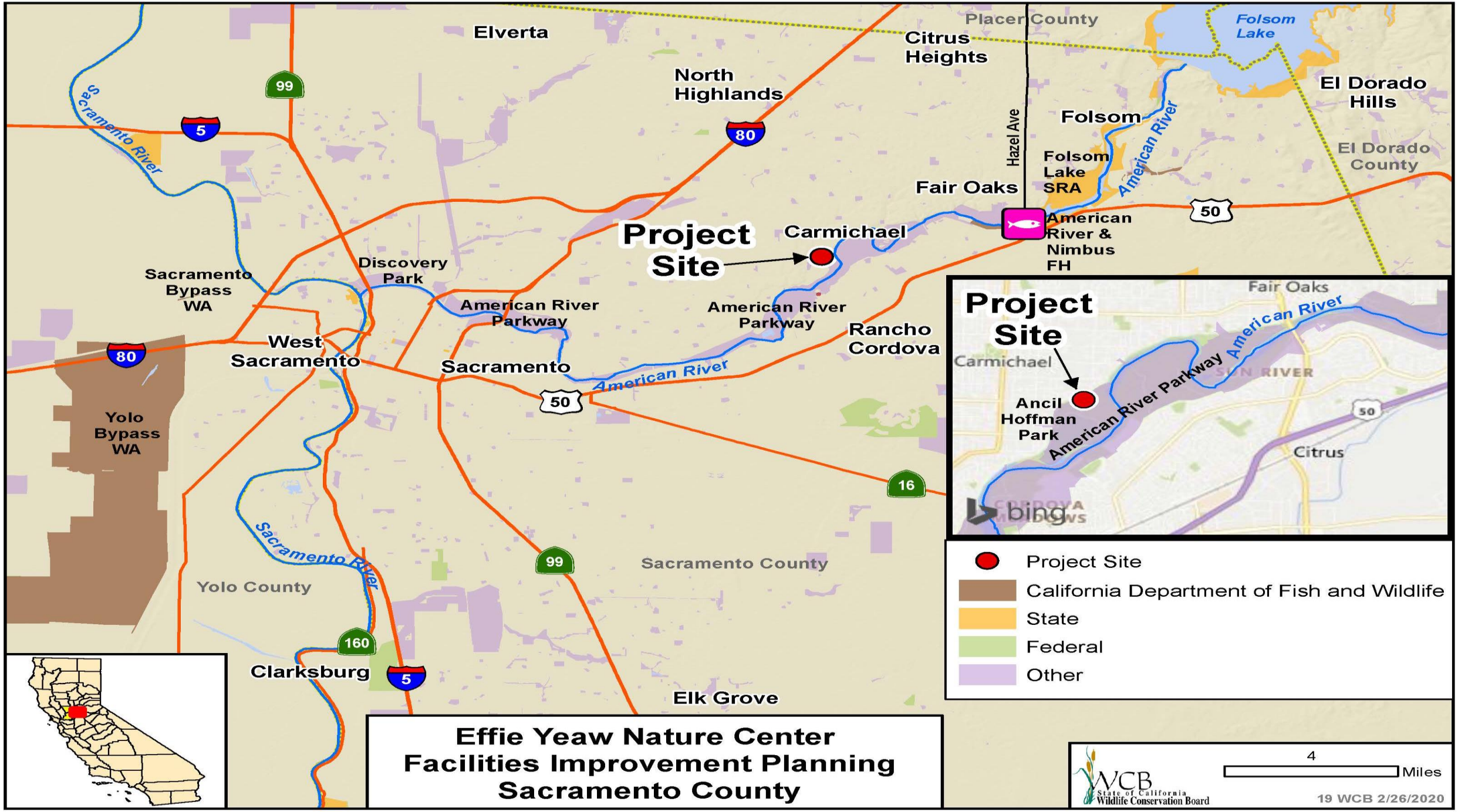
18. Lower Cordova Creek Restoration Planning

- Aerial of project site with channelized lower reach devoid of vegetation. Photo credit: Katherine Perkins, Water Forum.

18. Lower Cordova Creek Restoration Planning

- Aerial of Cordova Creek Naturalization Phase I post-restoration located upstream from Phase II planning site.


Elverta
Placer County
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North Highlands
El Dorado Hills
Hazel Ave
Folsom
Sacramento River
American River
Folsom Lake SRA
El Dorado County
Fair Oaks
American River & Nimbus FH
Project Site
Carmichael
Discovery Park
Sacramento Bypass WA
American River Parkway
American River Parkway
Rancho Cordova
West Sacramento
Sacramento
American River
Yolo Bypass WA
Yolo County
Sacramento River
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American River
Carmichael
Ancil Hoffman Park
American River Parkway
Citrus
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Project Site
California Department of Fish and Wildlife
State
Federal
Other
Effie Yeaw Nature Center
Facilities Improvement Planning
Sacramento County
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19. Effie Yeaw Nature Center Facilities Improvement Planning

- Effie Yeaw Nature Center Museum building (right) and Assembly Building (left).

19. Effie Yeaw Nature Center Facilities Improvement Planning

- Proposed accessible path area between Museum and Assembly buildings leading to proposed new outdoor classroom and aviary.

19. Effie Yeaw Nature Center Facilities Improvement Planning

- Existing outdoor classroom. Location of proposed new aviary and show and tell platform between new aviary and new outdoor classroom.

19. Effie Yeaw Nature Center Facilities Improvement Planning

- Existing mew, a pen for birds (the area to the right of the white door).

19. Effie Yeaw Nature Center Facilities Improvement Planning

- 1 of 4 bird living spaces inside the mew facility.

19. Effie Yeaw Nature Center Facilities Improvement Planning

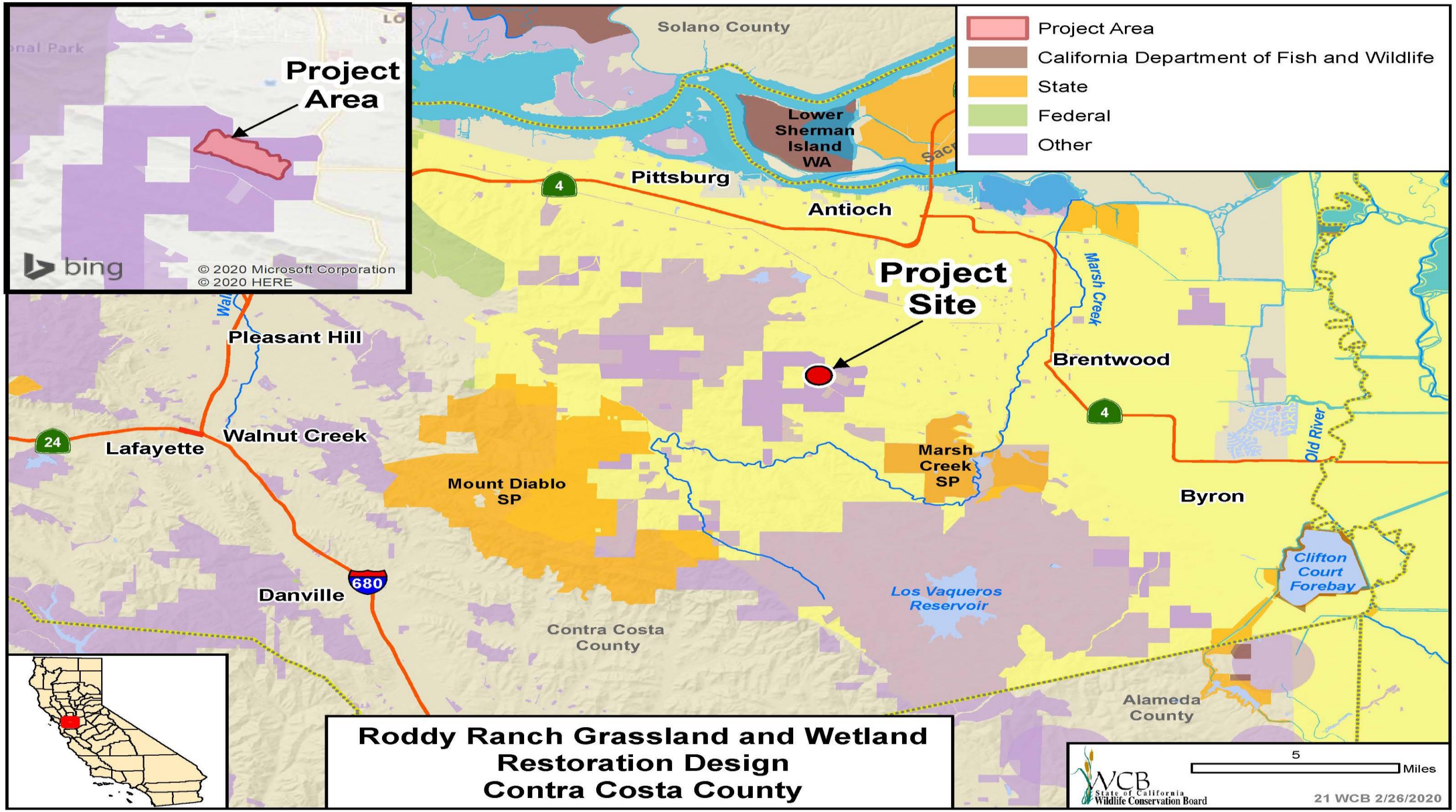
- New outdoor classroom tiered seating area proposed on hillside. Photo taken from proposed show and tell platform positioned between outdoor classroom and new aviary.

19. Effie Yeaw Nature Center Facilities Improvement Planning

Phase I Construction area.

20. Pacific Flyway Center Public Access

- Project withdrawn from consideration at this time


Project Area
California Department of Fish and Wildlife
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Solano County
Lower Sherman Island WA
Pittsburg
Antioch
Project Site
Marsh Creek
Brentwood
Pleasant Hill
Walnut Creek
Lafayette
Mount Diablo SP
Marsh Creek SP
Old River
Byron
Clifton Court Forebay
Los Vaqueros Reservoir
Danville
Contra Costa County
Alameda County
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680
Roddy Ranch Grassland and Wetland Restoration Design
Contra Costa County
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Miles
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21. Roddy Ranch Grassland and Wetland Restoration Design

- East end of project, looking northeast.

21. Roddy Ranch Grassland and Wetland Restoration Design

- East end of project site, looking northwest.

21. Roddy Ranch Grassland and Wetland Restoration Design

- West end of project area, looking Northeast.

21. Roddy Ranch Grassland and Wetland Restoration Design

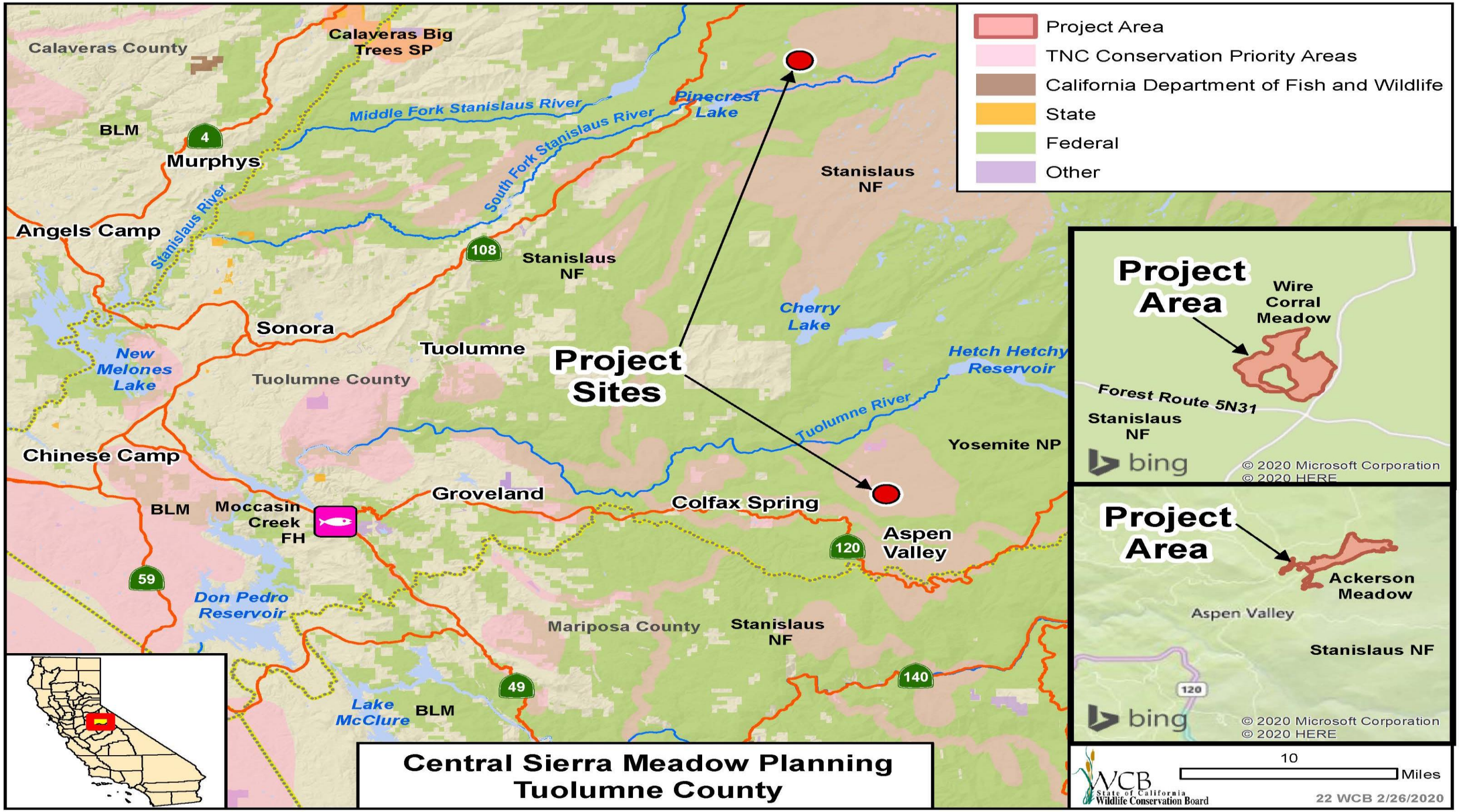
- West end of project area, looking northwest.

21. Roddy Ranch Grassland and Wetland Restoration Design

- Former golf course ponds, to be managed as wetlands following project design (2 of 3 ponds seen here).

21. Roddy Ranch Grassland and Wetland Restoration Design

- Third pond, to be managed as wetlands following project design.


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
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Calaveras Big Trees SP
Middle Fork Stanislaus River
South Fork Stanislaus River
Pinecrest Lake
BLM
4
Murphys
Stanislaus River
Angels Camp
Stanislaus NF
108
Sonora
Tuolumne
Cherry Lake
Hetch Hetchy Reservoir
New Melones Lake
Tuolumne County
Project Sites
Tuolumne River
Yosemite NP
Chinese Camp
Groveland
Colfax Spring
BLM
Moccasin Creek FH
Aspen Valley
120
59
Don Pedro Reservoir
Mariposa County
Stanislaus NF
140
49
Lake McClure
BLM
Project Area
Wire Corral Meadow
Forest Route 5N31
Stanislaus NF
bing
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Project Area
Ackerson Meadow
Aspen Valley
Stanislaus NF
120
bing
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Central Sierra Meadow Planning
Tuolumne County
10
Miles
WCB State of California Wildlife Conservation Board
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22. Central Sierra Meadow Planning

Wire Coral: head cut threatens to erode through the meadow.

22. Central Sierra Meadow Planning

Wire Coral Meadow

22. Central Sierra Meadow Planning

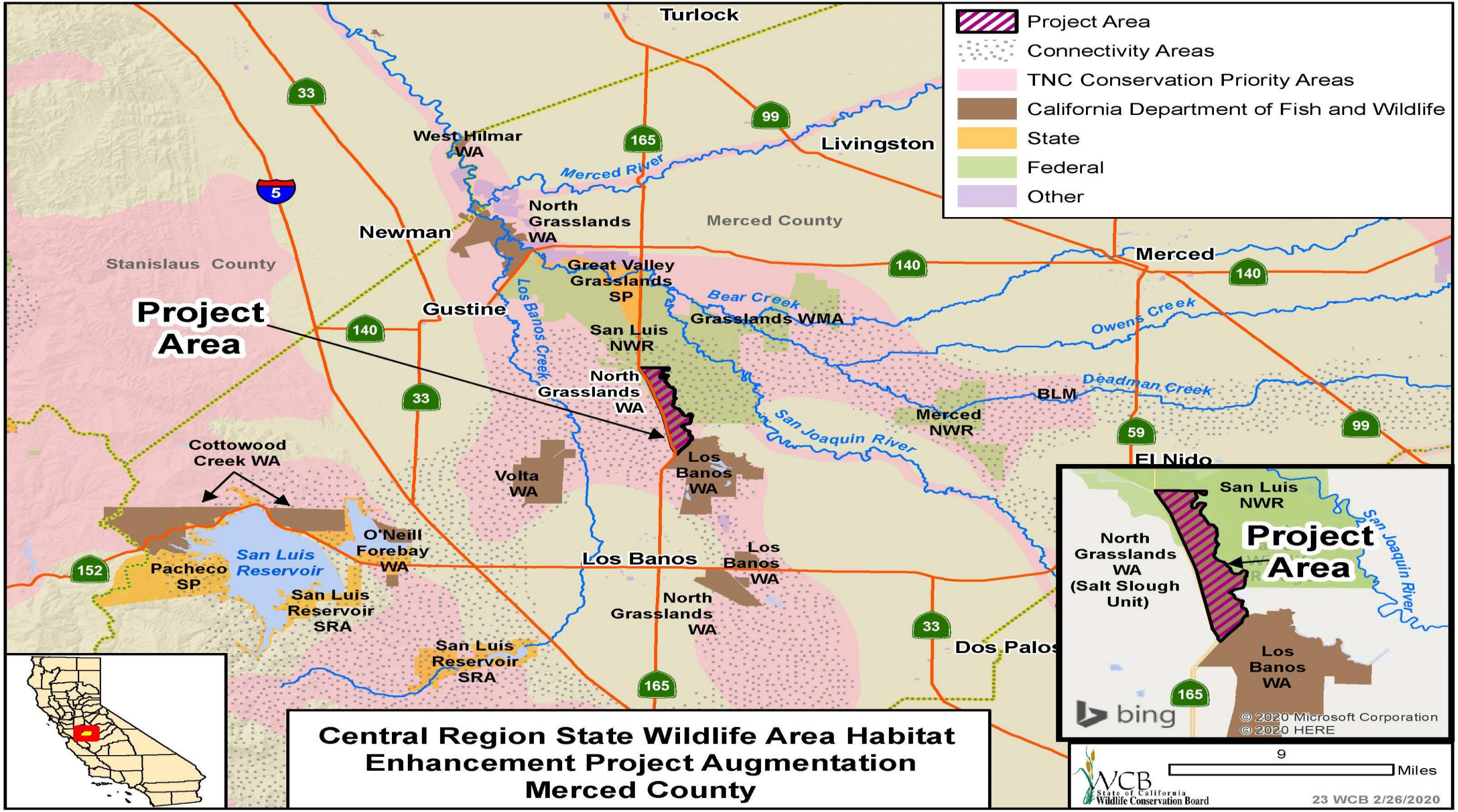
- Eroded streambank at Ackerson Meadow

22. Central Sierra Meadow Planning

- Ackerson Meadow

22. Central Sierra Meadow Planning

- Eroded streambank in Ackerson Meadow, disconnecting stream flows from meadow.



Central Region State Wildlife Area Habitat Enhancement Project Augmentation Merced County

23. Central Region State Wildlife Area Habitat Enhancement Project Augmentation

Weed covered field representative of pre-project conditions

23. Central Region State Wildlife Area Habitat Enhancement Project Augmentation

- Successful wheat cover crop plantings in field 11

23. Central Region State Wildlife Area Habitat Enhancement Project Augmentation

---

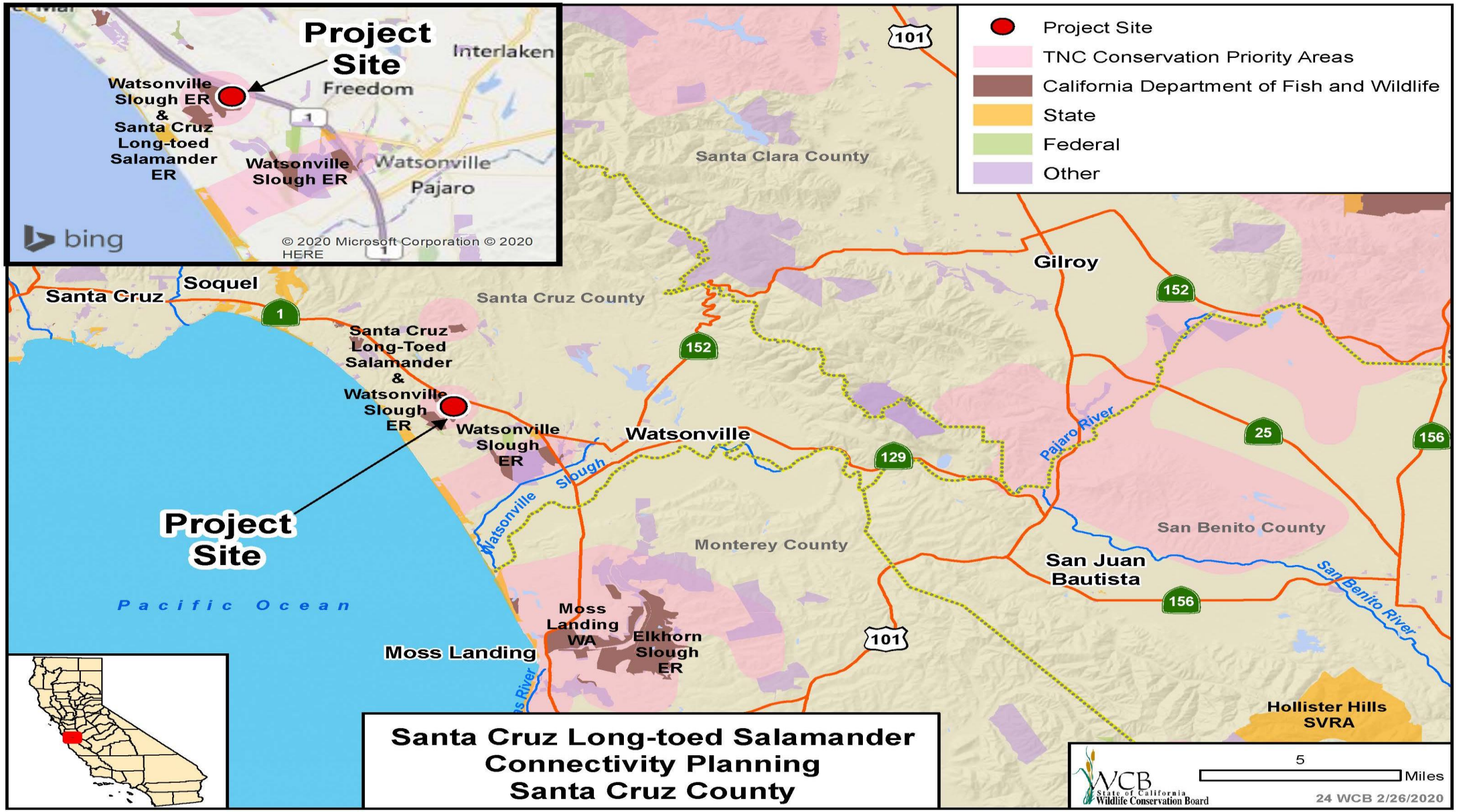
Sandy soil conditions in field 10

23. Central Region State Wildlife Area Habitat Enhancement Project Augmentation

- Post-restoration weed pressure in field 10

23. Central Region State Wildlife Area Habitat Enhancement Project Augmentation

- Successful cover crop planting showing no weed pressure


Project Site
Interlaken
Freedom
Watsonville Slough ER & Santa Cruz Long-toed Salamander ER
Watsonville Slough ER
Watsonville
Pajaro
bing
© 2020 Microsoft Corporation © 2020 HERE
Project Site
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
101
Santa Clara County
Gilroy
152
Soquel
Santa Cruz
1
Santa Cruz County
Santa Cruz Long-Toed Salamander & Watsonville Slough ER
Watsonville Slough ER
Watsonville
129
Pajaro River
25
156
Slough
Watsonville
Project Site
Pacific Ocean
Monterey County
San Benito County
San Juan Bautista
San Benito River
Moss Landing WA
Elkhorn Slough ER
Moss Landing
Hollister Hills SVRA
Santa Cruz Long-toed Salamander Connectivity Planning
Santa Cruz County
5
Miles
WCB State of California Wildlife Conservation Board
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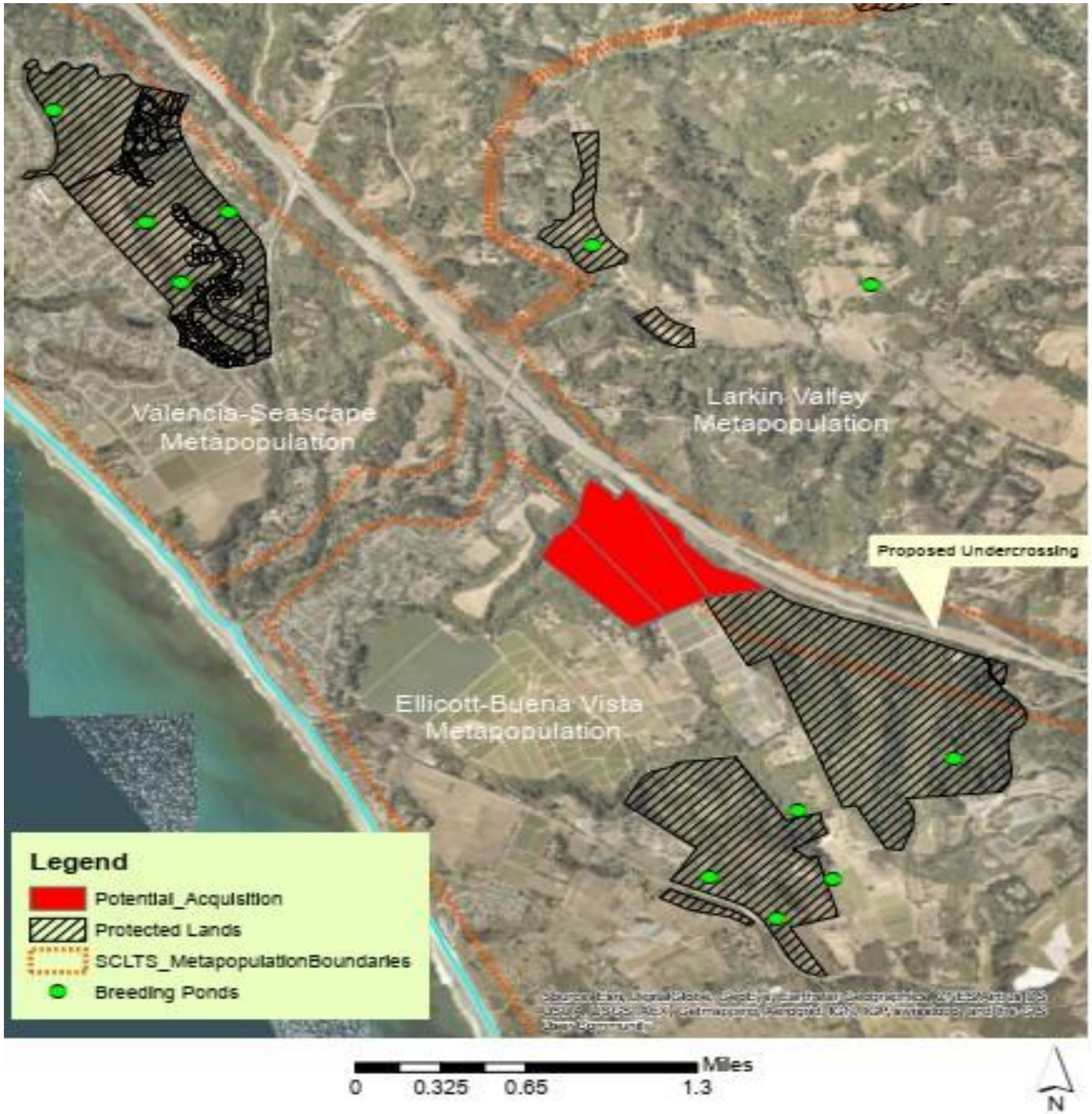
24. Santa Cruz Long-Toed Salamander Connectivity Planning

- Protected lands and existing breeding locations of the Santa Cruz long-toed salamander.



24. Santa Cruz Long-Toed Salamander Connectivity Planning

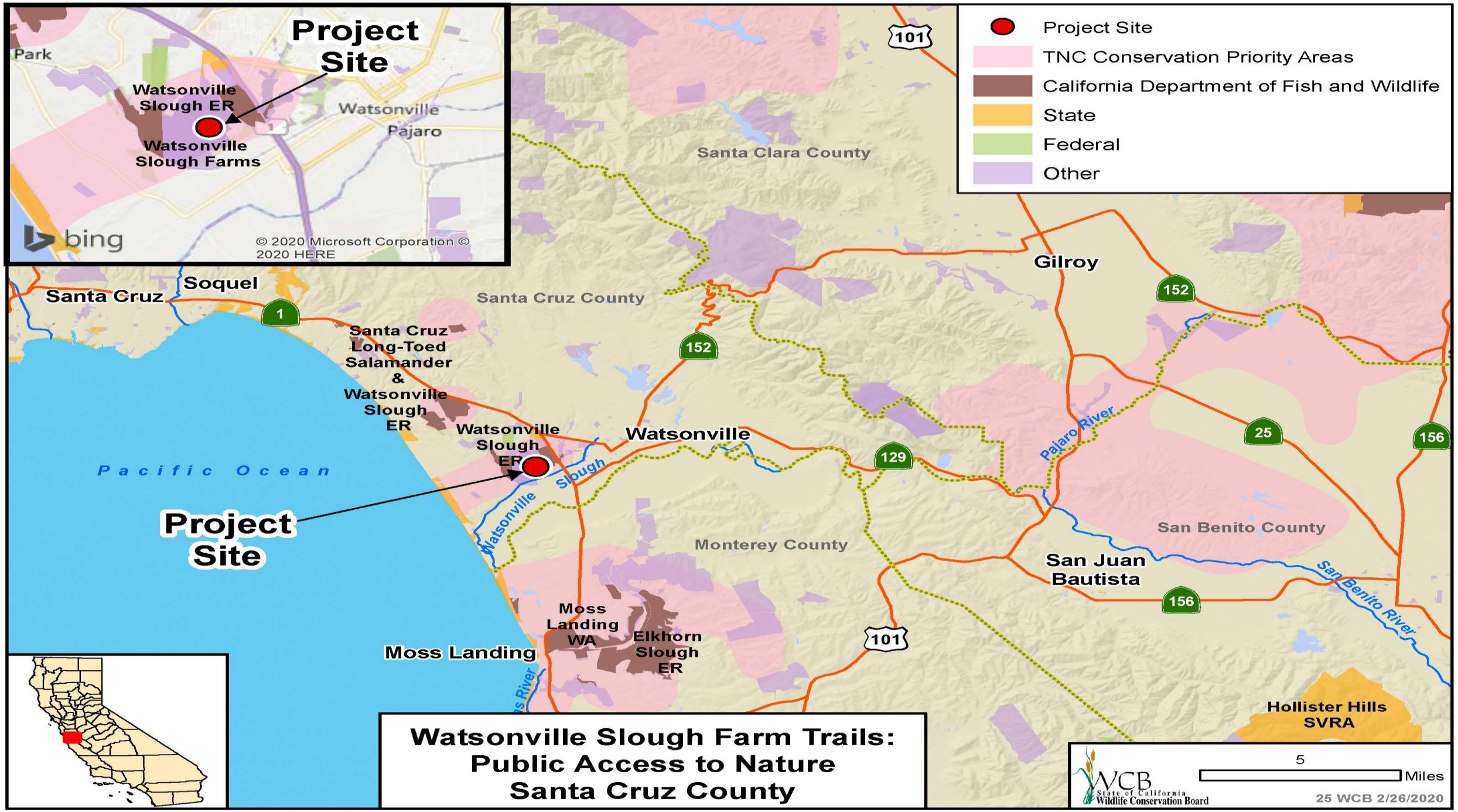
- Santa Cruz long-toed salamander

24. Santa Cruz Long-Toed Salamander Connectivity Planning

- South-bound Highway 1 at project site.

24. Santa Cruz Long-Toed Salamander Connectivity Planning

- North-bound Highway 1 at project site.


Project Site
Project Site
Watsonville Slough ER
Watsonville Slough Farms
Park
Watsonville
Pajaro
bing
© 2020 Microsoft Corporation © 2020 HERE
Project Site
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
101
Santa Clara County
Gilroy
152
Santa Cruz
Soquel
1
Santa Cruz County
Santa Cruz Long-Toed Salamander & Watsonville Slough ER
Watsonville Slough ER
Watsonville
129
Pajaro River
25
156
Pacific Ocean
Project Site
Watsonville Slough
Monterey County
San Benito County
San Juan Bautista
San Benito River
Moss Landing WA
Elkhorn Slough ER
Moss Landing
Hollister Hills SVRA
Watsonville Slough Farm Trails:
Public Access to Nature
Santa Cruz County
WCB State of California Wildlife Conservation Board
5
Miles
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25. Watsonville Slough Farm Trails: Public Access to Nature

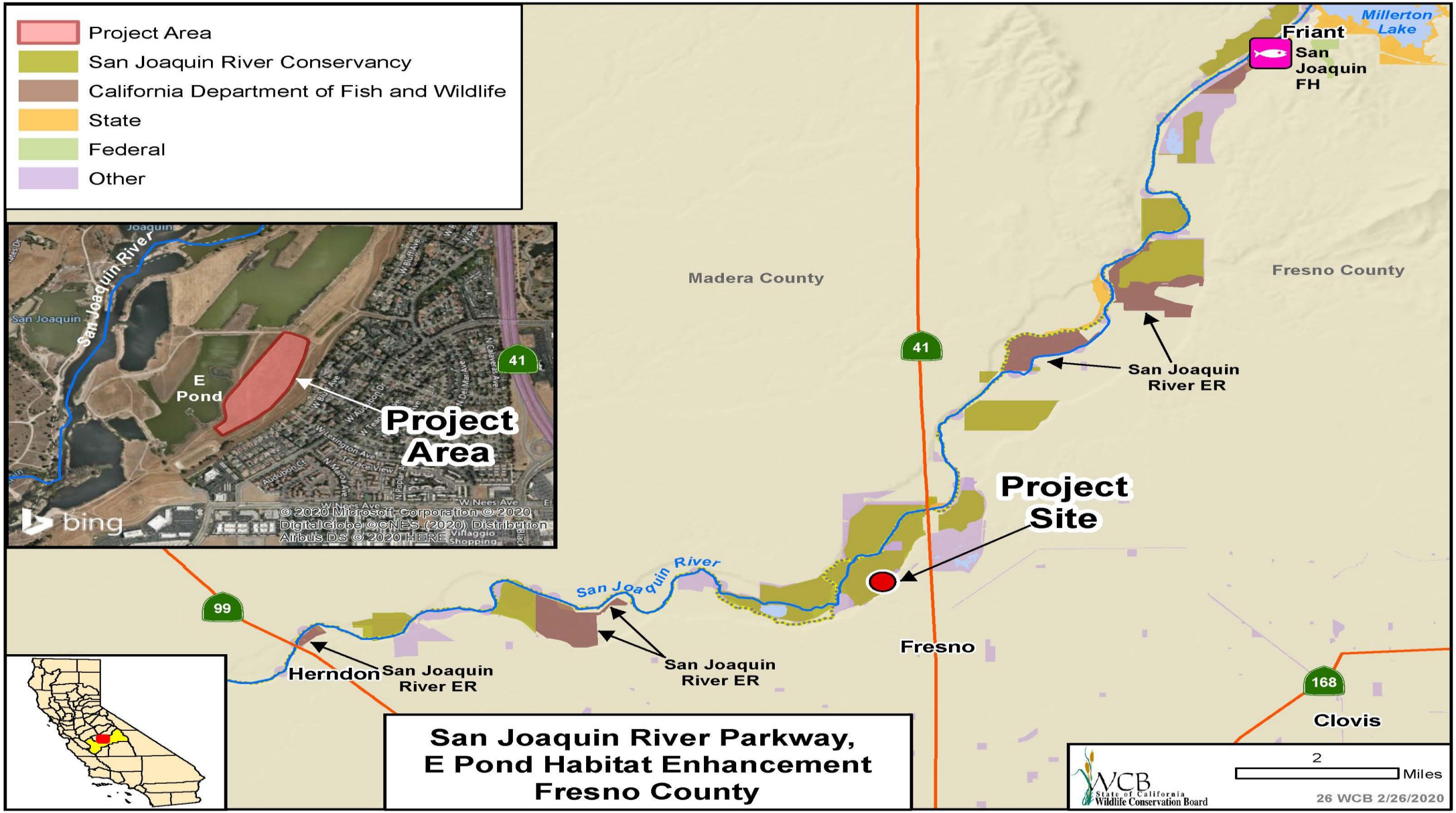
- Organic vegetable and berry fields on the ranch will be easily viewed (though separated from the trails by a vegetated buffer).

25. Watsonville Slough Farm Trails: Public Access to Nature

- Rolling hills of restored grasslands, oak woodlands and wetlands will provide a rejuvenating nature experience.

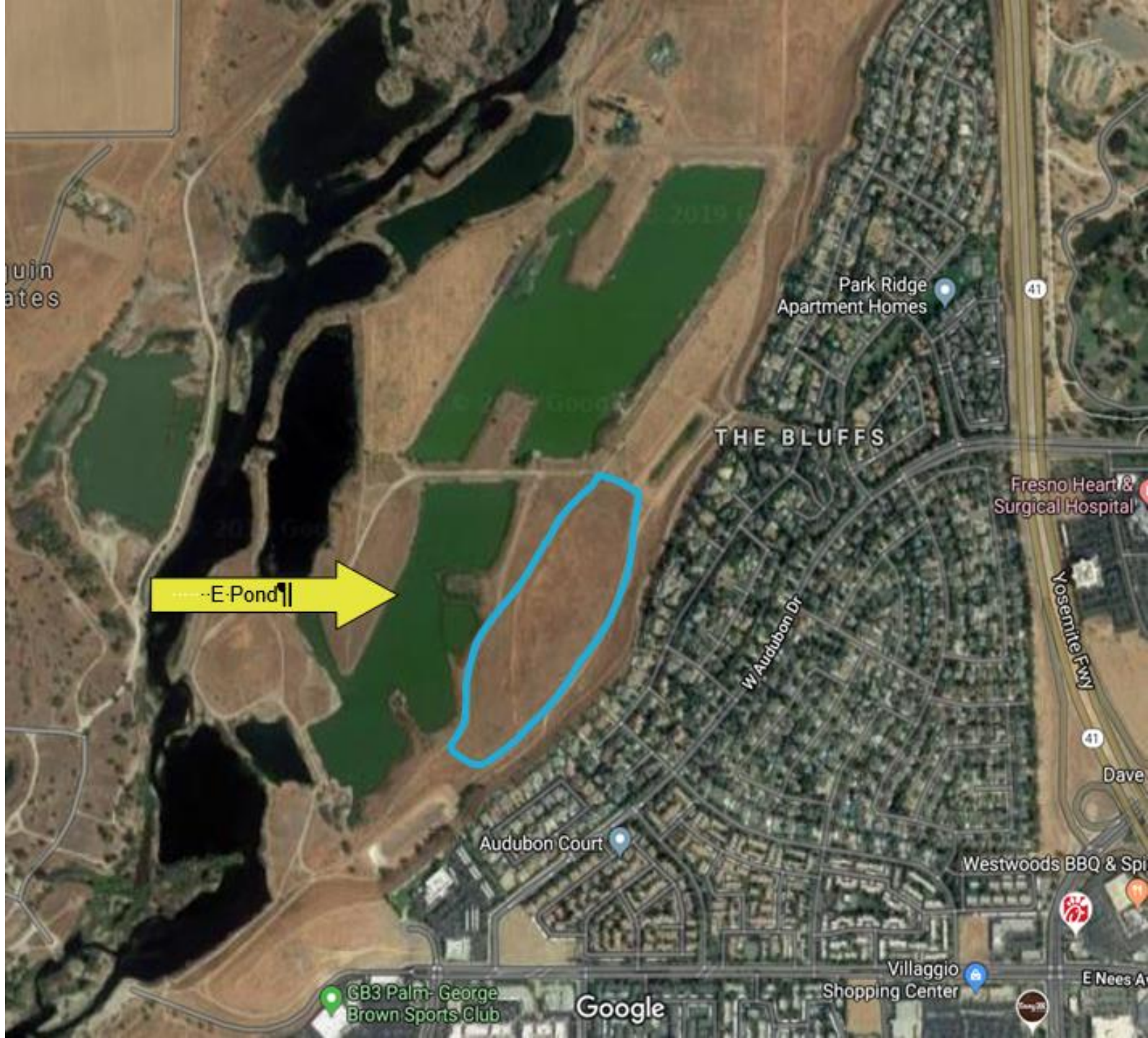
25. Watsonville Slough Farm Trails: Public Access to Nature

- Public access will include a community garden, if the planning process confirms that this is an amenity desired by the community.


Project Area
San Joaquin River Conservancy
California Department of Fish and Wildlife
State
Federal
Other
San Joaquin River
San Joaquin
E Pond
Project Area
41
bing
© 2020 Microsoft Corporation © 2020 DigitalGlobe ©CNES (2020) Distribution Airbus DS © 2020 HERE
Madera County
Fresno County
Friant
San Joaquin FH
Millerton Lake
San Joaquin River ER
Project Site
San Joaquin River
99
Herndon
San Joaquin River ER
San Joaquin River ER
Fresno
168
Clovis
San Joaquin River Parkway, E Pond Habitat Enhancement Fresno County
WCB State of California Wildlife Conservation Board
2
Miles
26 WCB 2/26/2020

26. San Joaquin River Parkway, E Pond Habitat Enhancement

- The 23-acre project site, outlined in blue, is covered in annual grassland and located adjacent to E Pond within the San Joaquin River Parkway.



26. San Joaquin River Parkway, E Pond Habitat Enhancement

- The San Joaquin River Parkway and Conservation Trust (Trust) will install irrigation lines to provide water to new plants similar to the project shown in the photo.
- Photo credit: San Joaquin River Parkway and Conservation Trust

26. San Joaquin River Parkway, E Pond Habitat Enhancement

- After irrigation lines are installed, the Trust will lay out the planting grid with flagging.
- Photo credit: San Joaquin River Parkway and Conservation Trust

26. San Joaquin River Parkway, E Pond Habitat Enhancement

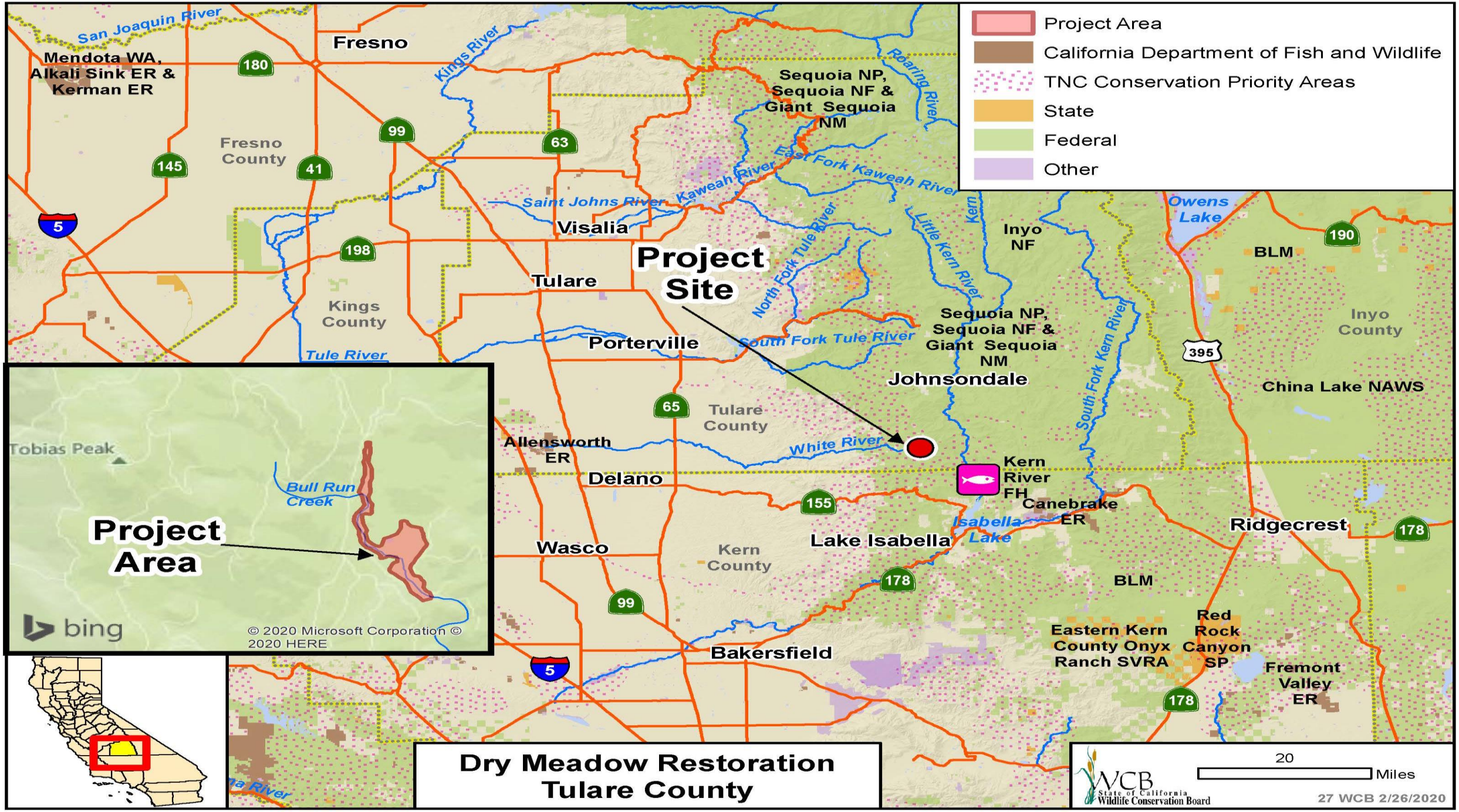
- Tubes secured over the new plants will offer protection from herbivores and the elements.
- Photo credit: San Joaquin River Parkway and Conservation Trust

26. San Joaquin River Parkway, E Pond Habitat Enhancement

- Acorn sprouting in a tube protector.
- Photo credit: San Joaquin River Parkway and Conservation Trust

26. San Joaquin River Parkway, E Pond Habitat Enhancement

- A quailbush shrub one year after planting at an adjacent restoration site.
- Photo credit: San Joaquin River Parkway and Conservation Trust


Project Area
California Department of Fish and Wildlife
TNC Conservation Priority Areas
State
Federal
Other
Project Site
Project Area
Tobias Peak
Bull Run Creek
bing
© 2020 Microsoft Corporation © 2020 HERE
Dry Meadow Restoration
Tulare County
20
Miles
WCB
State of California
Wildlife Conservation Board
27 WCB 2/26/2020
San Joaquin River
Fresno
Mendota WA, Alkali Sink ER & Kerman ER
Kings River
Roaring River
Sequoia NP, Sequoia NF & Giant Sequoia NM
Fresno County
East Fork Kaweah River
Kaweah River
Saint Johns River
Visalia
Tulare
Kings County
North Fork Tule River
Little Kern River
Kern
Inyo NF
Owens Lake
BLM
Inyo County
Tule River
Porterville
South Fork Tule River
South Fork Kern River
Johnsondale
China Lake NAWS
Tulare County
Allensworth ER
White River
Delano
Kern River FH
Canebrake ER
Isabella Lake
Lake Isabella
Ridgecrest
Wasco
Kern County
BLM
Eastern Kern County Onyx Ranch SVRA
Red Rock Canyon SP
Fremont Valley ER
Bakersfield
5
99
63
41
145
180
198
65
155
178
190
395

27. Dry Meadow Restoration

- Eroded streambank in Dry Meadow, disconnecting stream flows from meadow.

27. Dry Meadow Restoration

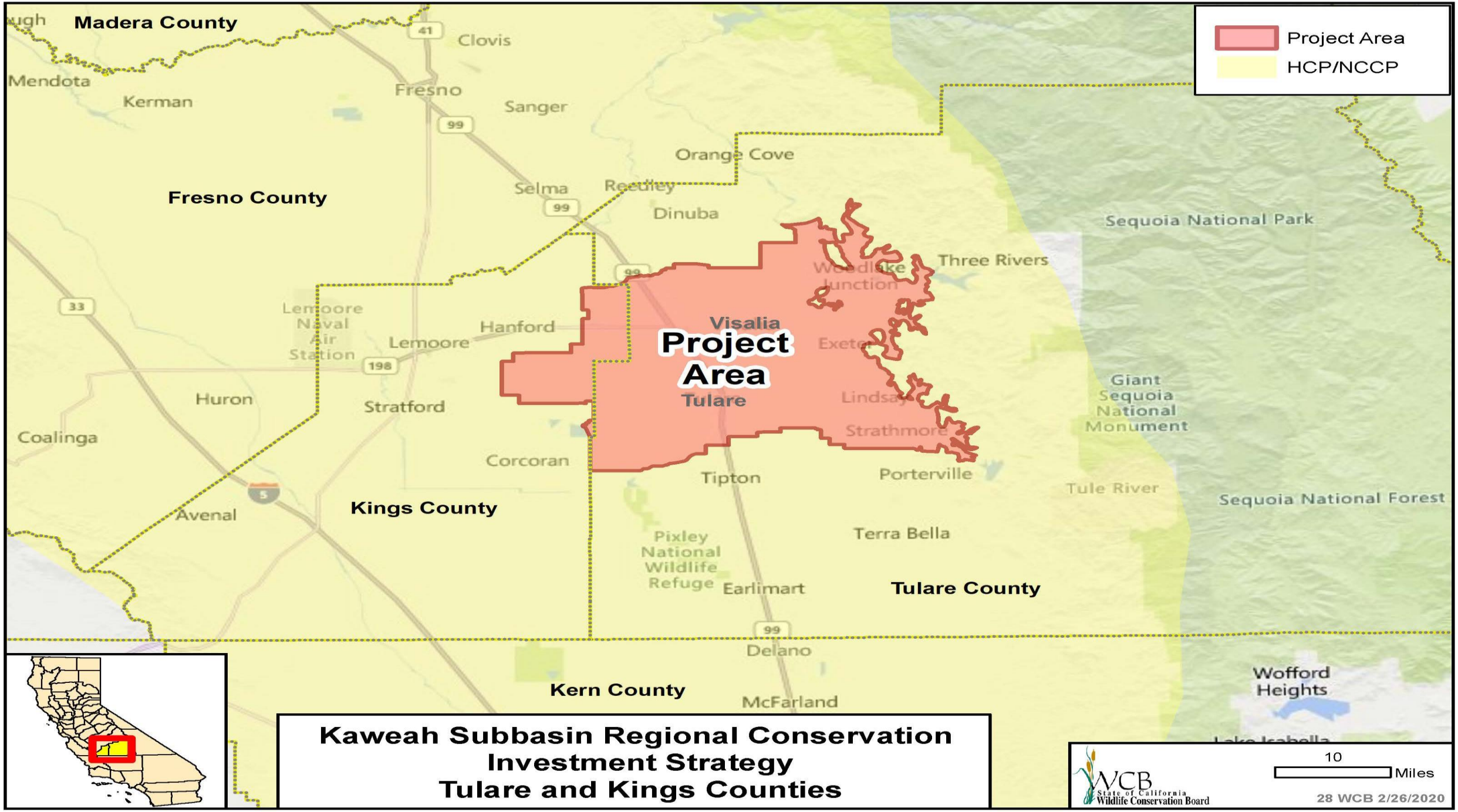
- Head cut in stream channel eroding Dry Meadow.

27. Dry Meadow Restoration

- Remnant mill pond in Dry Meadow, an indication of logging history and one cause of the channel modifications that led to degradation of Dry Meadow.

27. Dry Meadow Restoration

- Stream gage at culvert at downstream end of Dry Meadow (facing downstream), recording river stage and flow data.


Project Area
HCP/NCCP
Madera County
Fresno County
Kings County
Tulare County
Kern County
Project Area
Tulare
Visalia
Clovis
Fresno
Sanger
Mendota
Kerman
Orange Cove
Selma
Reedley
Dinuba
Sequoia National Park
Three Rivers
Hanford
Lemoore
Lemoore Naval Air Station
Exeter
Lindsay
Strathmore
Giant Sequoia National Monument
Huron
Stratford
Coalinga
Corcoran
Tipton
Porterville
Tule River
Sequoia National Forest
Avenal
Pixley National Wildlife Refuge
Terra Bella
Earlimart
Delano
McFarland
Wofford Heights
Kaweah Subbasin Regional Conservation Investment Strategy
Tulare and Kings Counties
10
Miles
WCB State of California Wildlife Conservation Board
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28. Kaweah Subbasin Regional Conservation Investment Strategy

Proposed boundary of the Kaweah Subbasin RCIS.

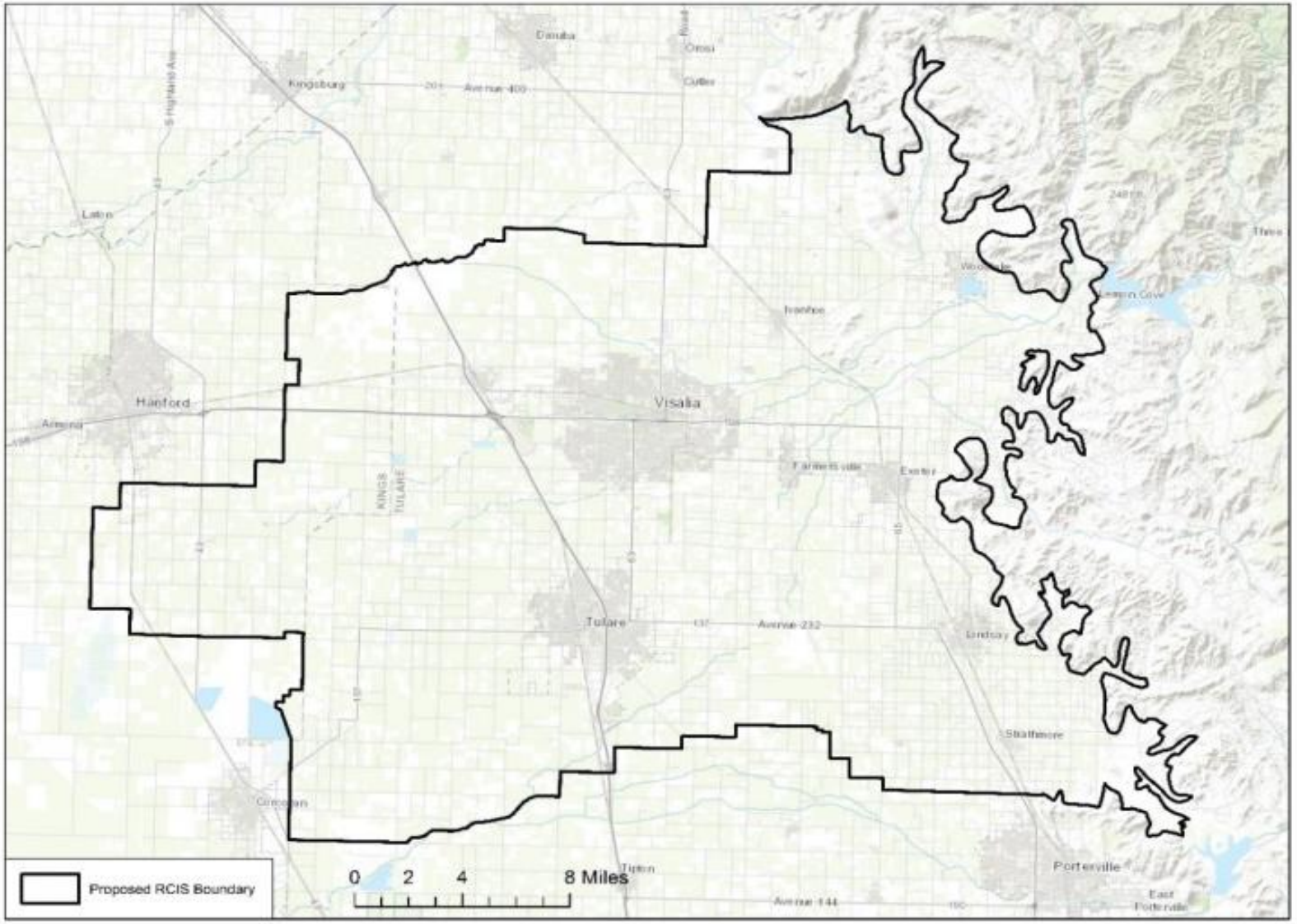
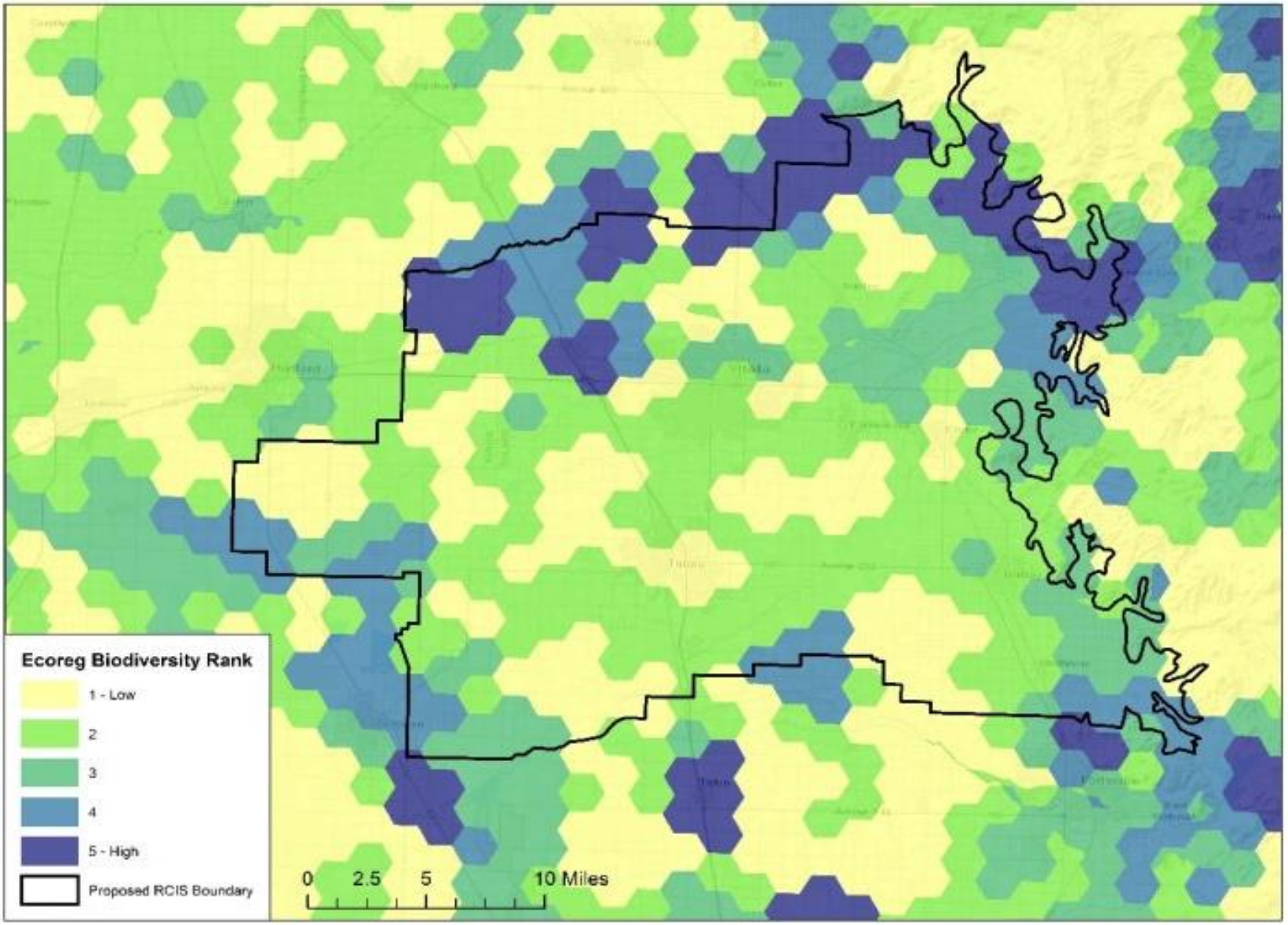


Figure 1. Proposed boundary of the Kaweah Subbasin RCIS.



28. Kaweah Subbasin Regional Conservation Investment Strategy

Ecoregion Biodiversity Ranking

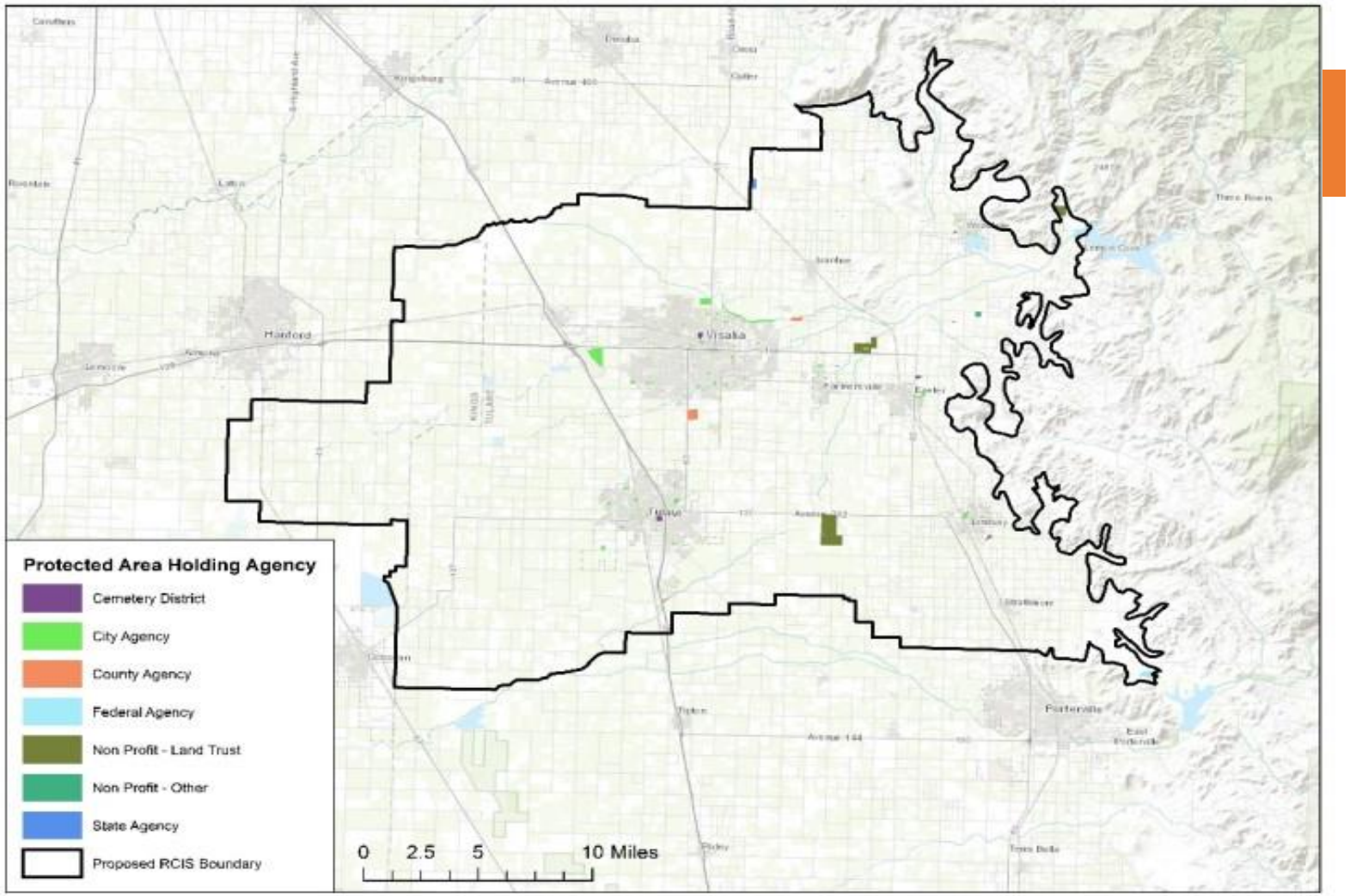
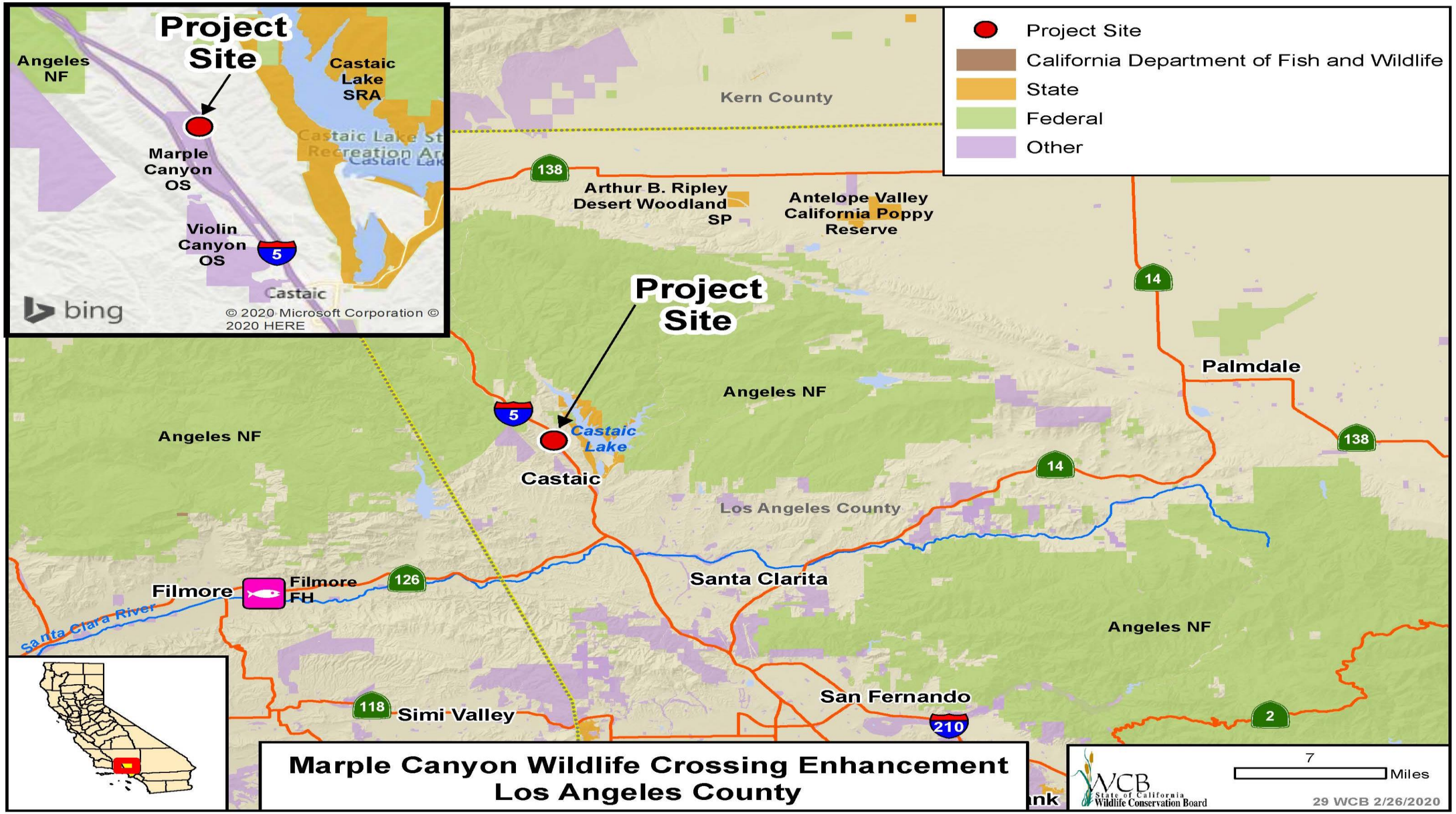


Figure 3. Protected Areas within the Proposed Kaweah Subbasin Boundary (source: CPAD).

28. Kaweah Subbasin Regional Conservation Investment Strategy

- Protected Areas within the proposed Kaweah Subbasin Boundary.


Project Site
Angeles NF
Castaic Lake SRA
Marple Canyon OS
Violin Canyon OS
5
Castaic
bing
© 2020 Microsoft Corporation © 2020 HERE
Project Site
California Department of Fish and Wildlife
State
Federal
Other
Kern County
138
Arthur B. Ripley Desert Woodland SP
Antelope Valley California Poppy Reserve
14
Palmdale
Angeles NF
Castaic Lake
Los Angeles County
Santa Clarita
Filmore
Filmore FH
126
Santa Clara River
118
Simi Valley
San Fernando
210
2
Marple Canyon Wildlife Crossing Enhancement
Los Angeles County
7
Miles
WCB State of California Wildlife Conservation Board
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29. Marple Canyon Wildlife Crossing Enhancement

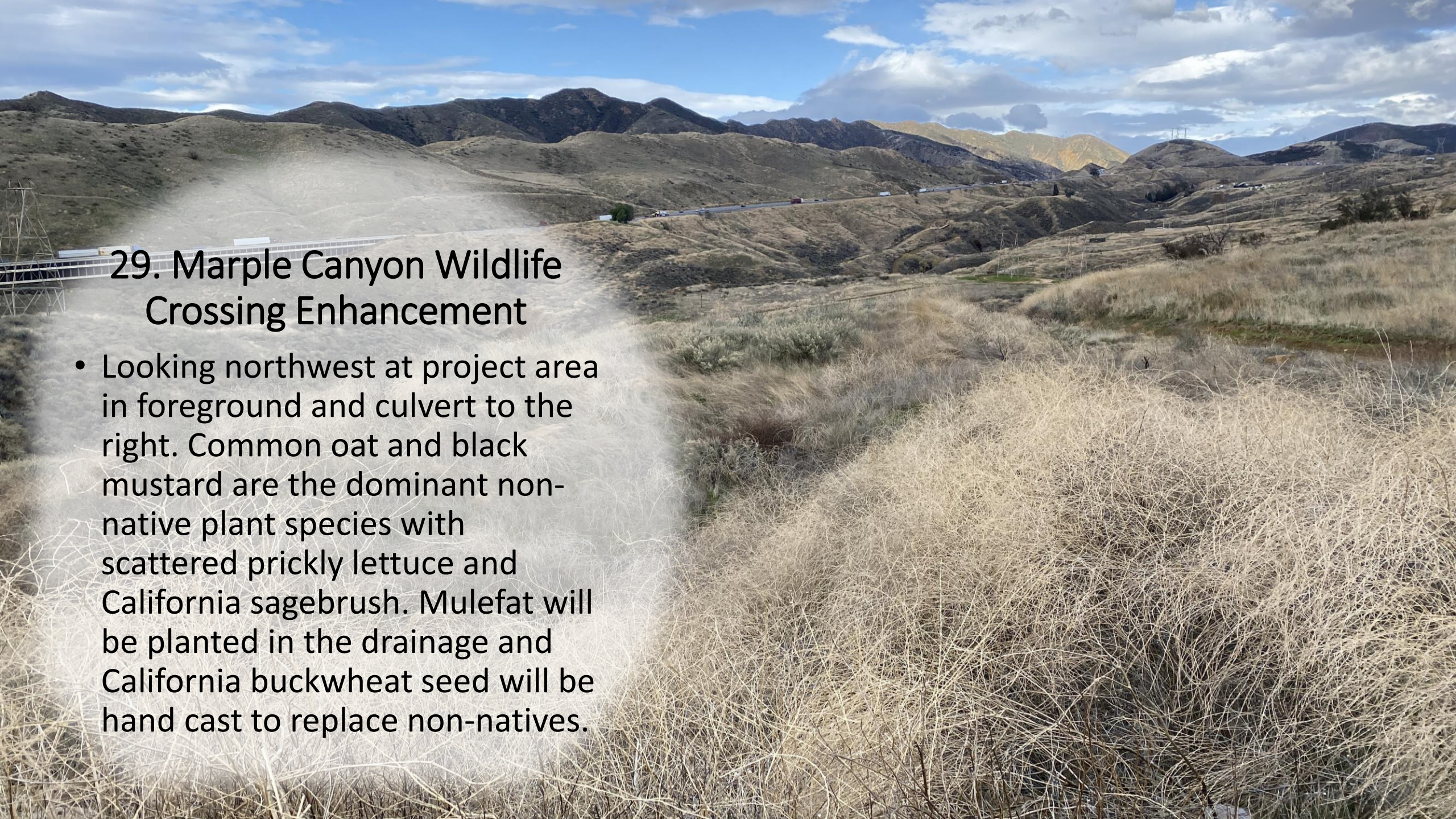
- Looking northwest at project area's eastern approach to the single-lane box culvert undercrossing of southbound I-5. Native and non-native vegetation mixed throughout. Ephemeral wash scour evident in foreground from Ridge Route Road drain.

29. Marple Canyon Wildlife Crossing Enhancement

- Looking northwest at project area overview from Ridge Route Road. Southbound I-5 and culvert at bottom.

29. Marple Canyon Wildlife Crossing Enhancement

- Top: Looking west at single-lane box culvert below southbound I-5.
- Right: Looking northwest at project area where non-natives will be cleared, and elderberry will be planted near top of slope to screen southbound I-5 traffic light and noise.

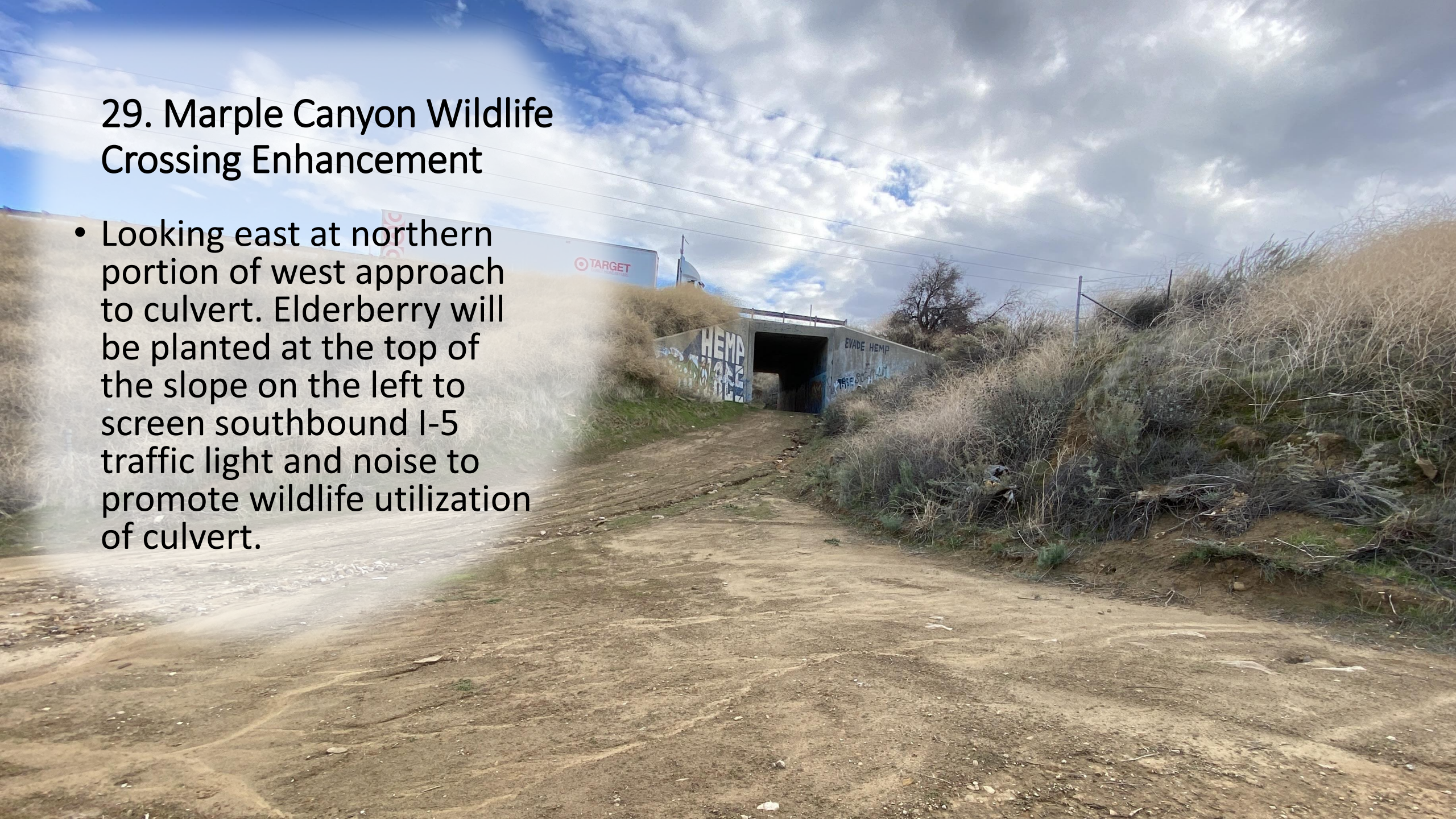


29. Marple Canyon Wildlife Crossing Enhancement

- Looking northwest at project area in foreground and culvert to the right. Common oat and black mustard are the dominant non-native plant species with scattered prickly lettuce and California sagebrush. Mulefat will be planted in the drainage and California buckwheat seed will be hand cast to replace non-natives.

29. Marple Canyon Wildlife Crossing Enhancement

- Looking east at northern portion of west approach to culvert. Elderberry will be planted at the top of the slope on the left to screen southbound I-5 traffic light and noise to promote wildlife utilization of culvert.



Aliso Creek Habitat Restoration and Enhancement Project Orange County

30. Aliso Creek Habitat Restoration and Enhancement Project

Upland habitat alongside Aliso Creek that is dominated by non-native grasses.

30. Aliso Creek Habitat Restoration and Enhancement Project

- Riparian transitional habitat dominated by artichoke thistle.

30. Aliso Creek Habitat Restoration and Enhancement Project

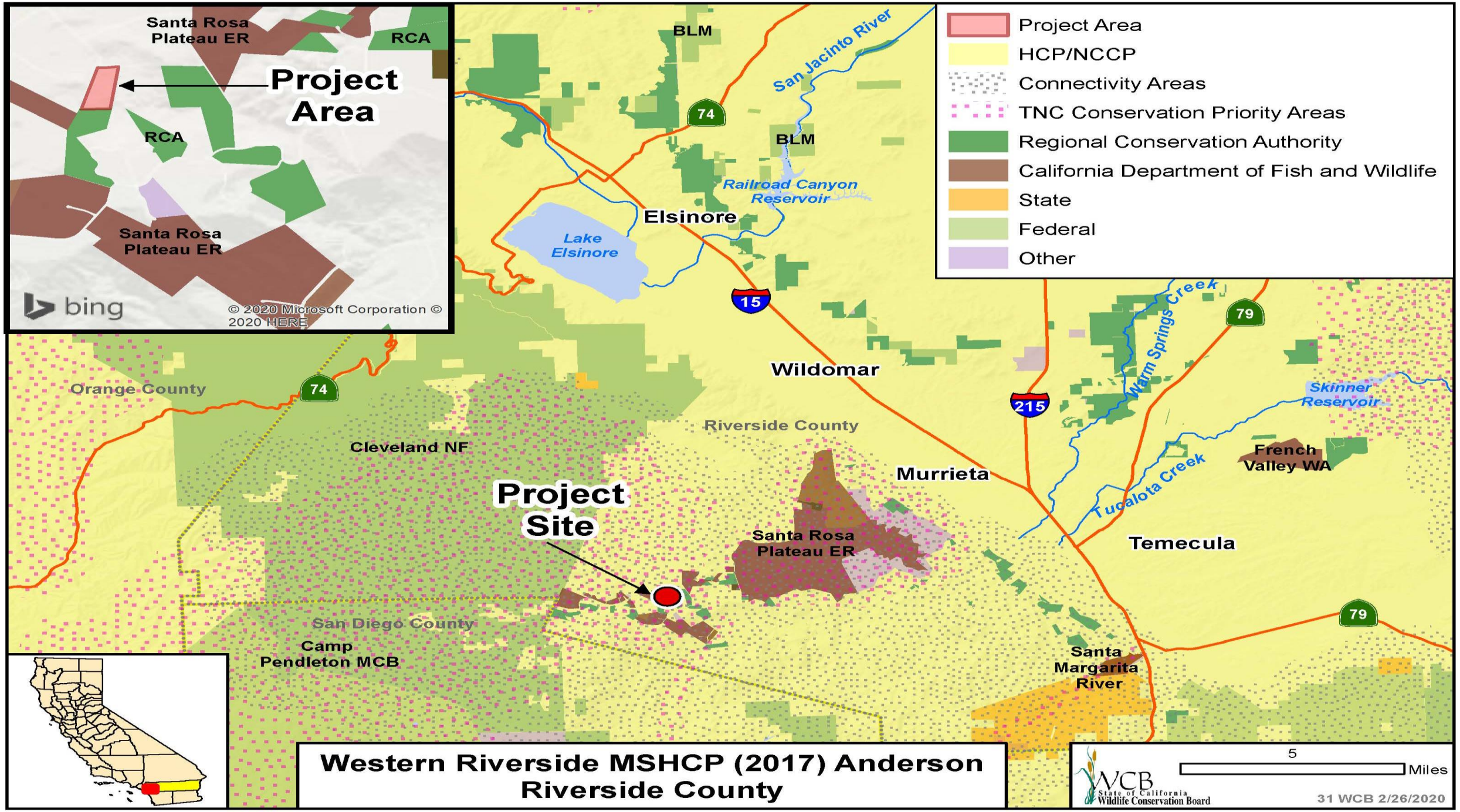
Highly degraded upland habitat dominated by invasive black mustard.

30. Aliso Creek Habitat Restoration and Enhancement Project

Aliso creek pond providing southwestern pond turtle habitat.

30. Aliso Creek Habitat Restoration and Enhancement Project

- Juvenile southwestern pond turtles.


Santa Rosa Plateau ER
RCA
Project Area
RCA
Santa Rosa Plateau ER
bing
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Project Area
HCP/NCCP
Connectivity Areas
TNC Conservation Priority Areas
Regional Conservation Authority
California Department of Fish and Wildlife
State
Federal
Other
BLM
San Jacinto River
74
BLM
Railroad Canyon Reservoir
Elsinore
Lake Elsinore
15
Wildomar
Orange County
74
Cleveland NF
Riverside County
215
Warm Springs Creek
79
Skinner Reservoir
French Valley WA
Murrieta
Tucalota Creek
Project Site
Santa Rosa Plateau ER
Temecula
San Diego County
Camp Pendleton MCB
Santa Margarita River
79
Western Riverside MSHCP (2017) Anderson
Riverside County
5
Miles
WCB State of California Wildlife Conservation Board
31 WCB 2/26/2020

31. Western Riverside MSHCP (2017) - Anderson

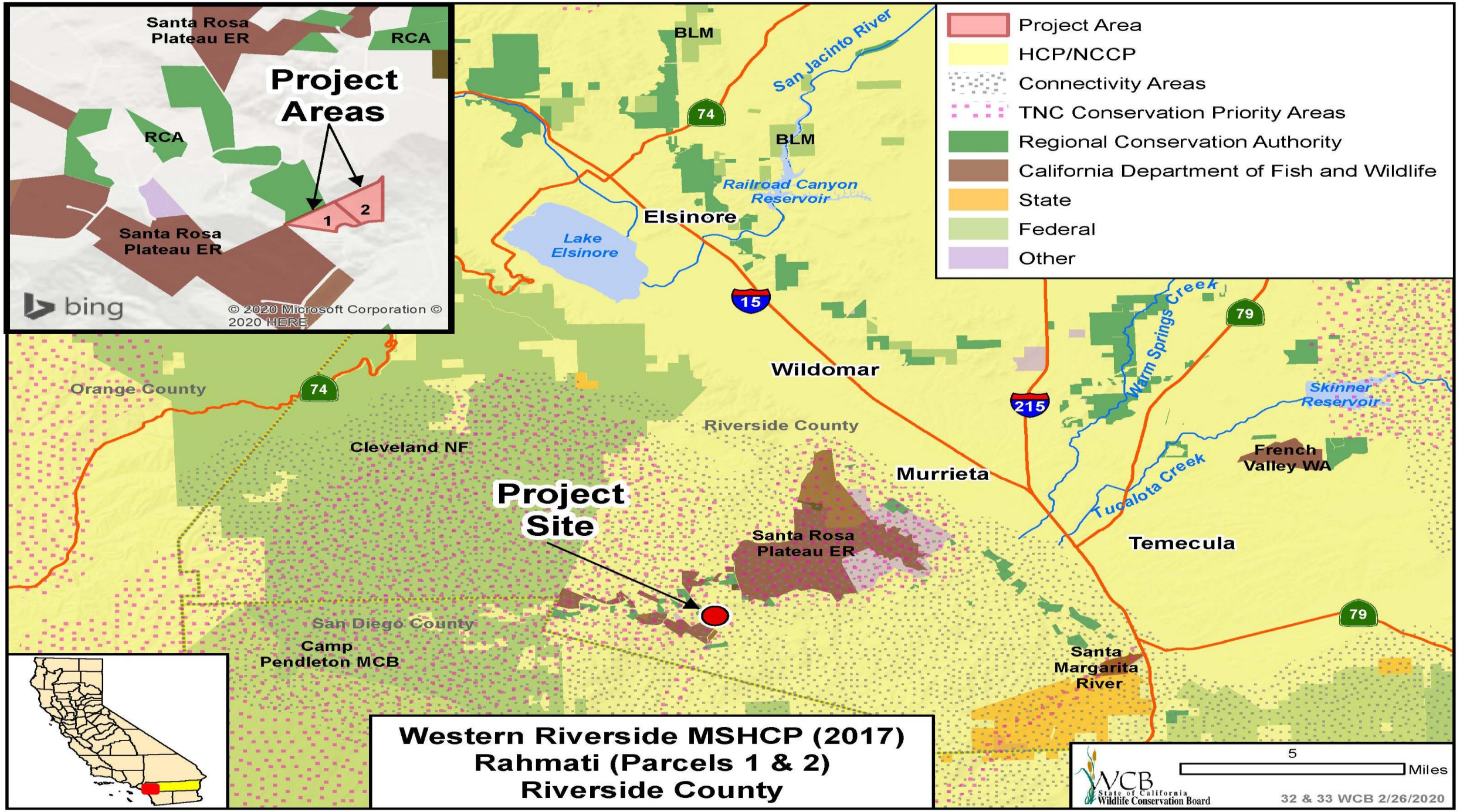
Typical property view looking south east

31. Western Riverside MSHCP (2017) - Anderson

- Typical Property view looking South

31. Western Riverside MSHCP (2017) - Anderson

Typical property view looking North West

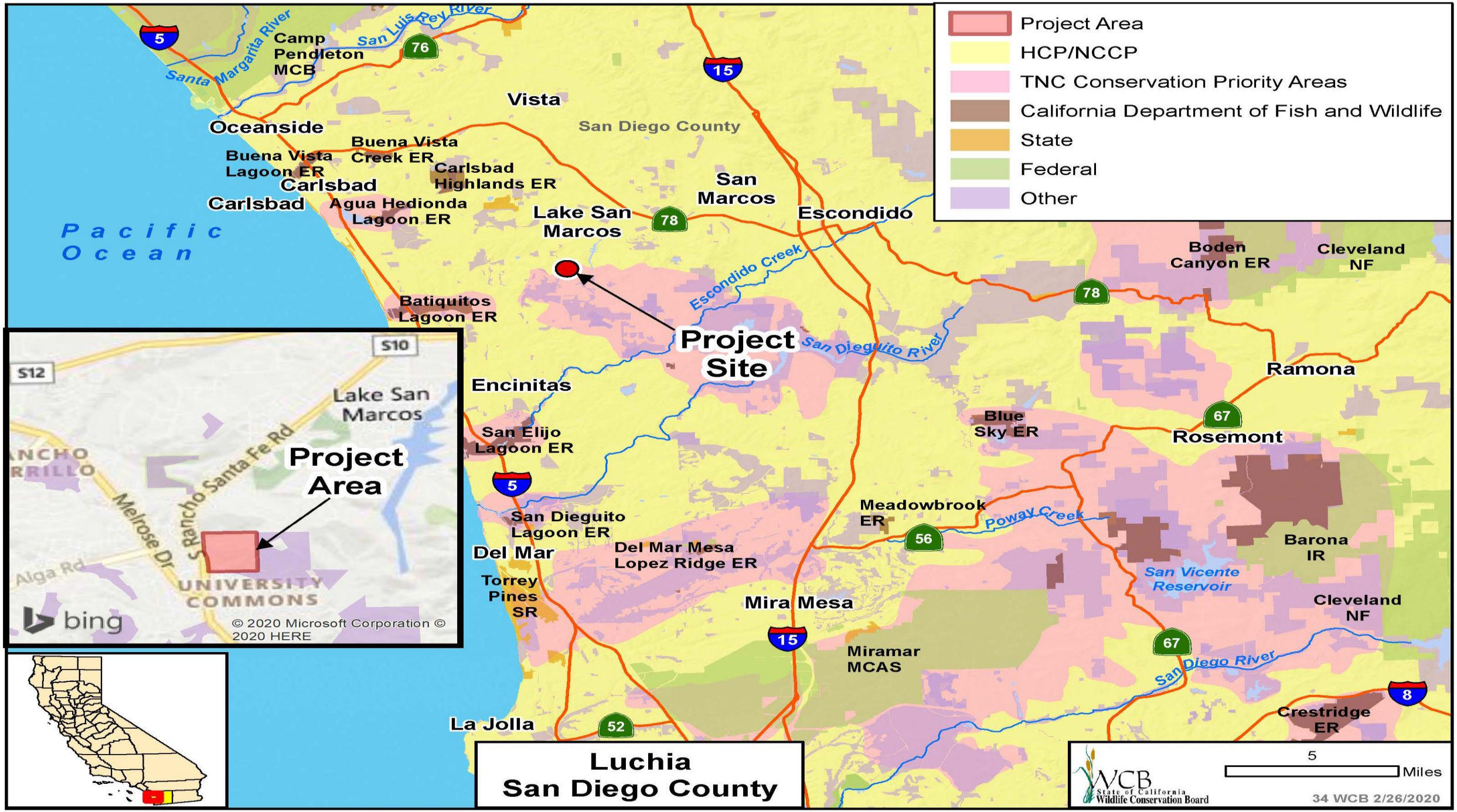

Project Areas
Santa Rosa Plateau ER
RCA
RCA
Santa Rosa Plateau ER
1
2
bing
© 2020 Microsoft Corporation © 2020 HERE
Project Area
HCP/NCCP
Connectivity Areas
TNC Conservation Priority Areas
Regional Conservation Authority
California Department of Fish and Wildlife
State
Federal
Other
BLM
San Jacinto River
74
BLM
Railroad Canyon Reservoir
Elsinore
Lake Elsinore
15
Wildomar
Warm Springs Creek
79
Orange County
74
215
Skinner Reservoir
Riverside County
Cleveland NF
French Valley WA
Murrieta
Tucalota Creek
Project Site
Santa Rosa Plateau ER
Temecula
79
San Diego County
Camp Pendleton MCB
Santa Margarita River
Western Riverside MSHCP (2017)
Rahmati (Parcels 1 & 2)
Riverside County
5
Miles
WCB State of California Wildlife Conservation Board
32 & 33 WCB 2/26/2020

32. and 33. Western Riverside MSHCP (2017) Rahmati (Parcel 1 and 2)

Rahmati Parcel 1 – View northwest from southeast corner of the Property.

32. and 33. Western Riverside MSHCP (2017) Rahmati (Parcel 1 and 2)

- Rahmati Parcel 2 – Southeast corner of the Property is just past the gate on the right. Northwest view of the Property.


Project Area
HCP/NCCP
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Pacific Ocean
Camp Pendleton MCB
Santa Margarita River
San Luis Rey River
Oceanside
Vista
San Diego County
Buena Vista Creek ER
Buena Vista Lagoon ER
Carlsbad
Carlsbad Highlands ER
Agua Hedionda Lagoon ER
San Marcos
Lake San Marcos
Escondido
Escondido Creek
Batiquitos Lagoon ER
Project Site
San Dieguito River
Encinitas
Boden Canyon ER
Cleveland NF
Ramona
Blue Sky ER
Rosemont
San Elijo Lagoon ER
Meadowbrook ER
Poway Creek
San Dieguito Lagoon ER
Del Mar
Del Mar Mesa Lopez Ridge ER
Torrey Pines SR
Mira Mesa
Miramar MCAS
San Vicente Reservoir
Barona IR
Cleveland NF
San Diego River
Crestridge ER
La Jolla
Project Area
Lake San Marcos
S Rancho Santa Fe Rd
Melrose Dr
Alga Rd
UNIVERSITY COMMONS
bing
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Luchia
San Diego County
5
Miles
WCB State of California Wildlife Conservation Board
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34. Luchia

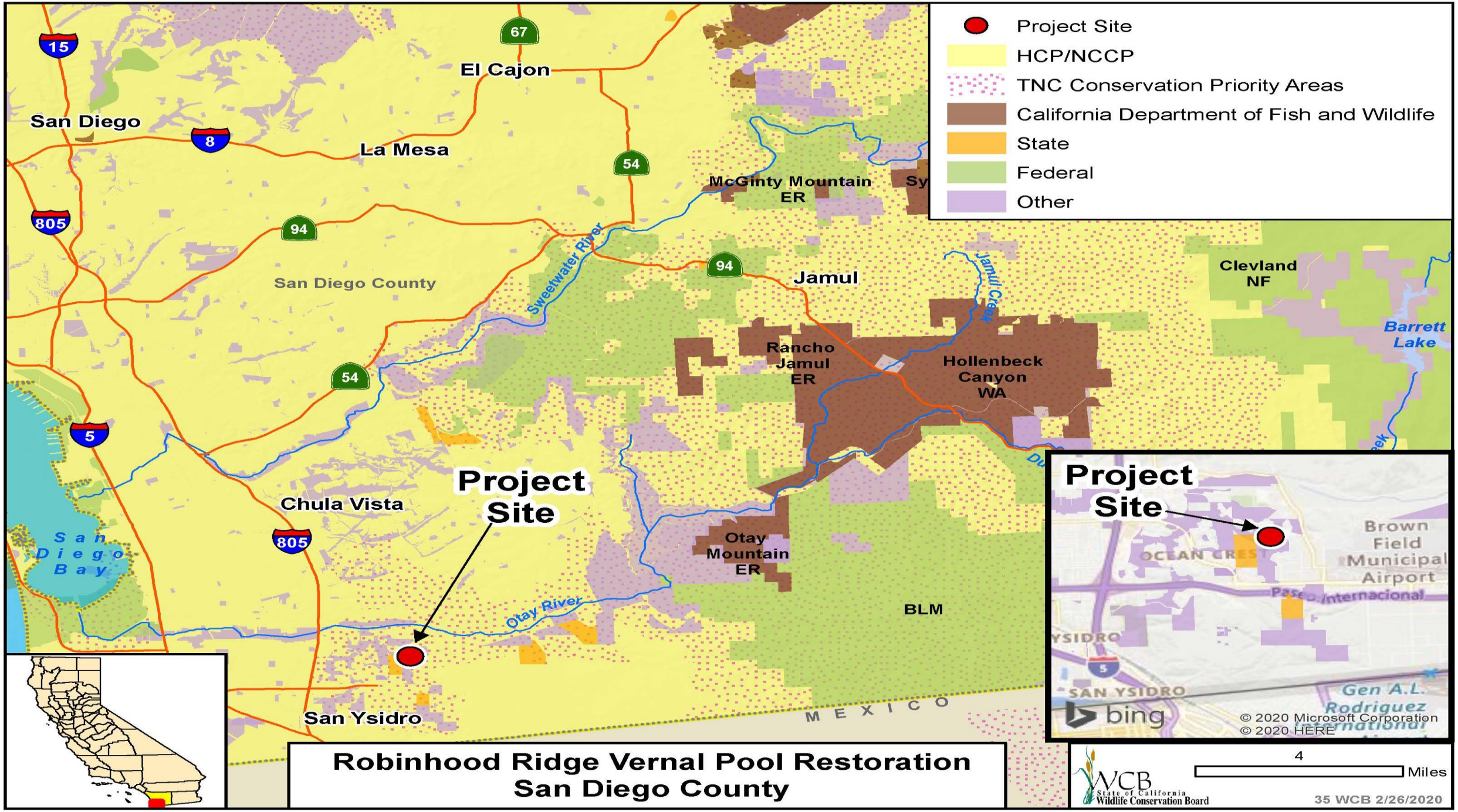
View east from west end of the Property.

34. Luchia

View north from southwest edge of the Property.

34. Luchia

View east from interior of the Property.



Robinhood Ridge Vernal Pool Restoration
San Diego County

4 Miles

WCB State of California Wildlife Conservation Board

35 WCB 2/26/2020

35. Robinhood Ridge Vernal Pool Restoration

Vernal pool, facing north, one day following rain.

35. Robinhood Ridge Vernal Pool Restoration

Ward's Weed infestation area.

35. Robinhood Ridge Vernal Pool Restoration

Ward’s Weed seed pod (left) and Ward’s Weed (emergent) (right).

35. Robinhood Ridge Vernal Pool Restoration

"Moms mound" a geographical feature found among vernal pool complexes, invaded by Ward's Weed.

Wildlife Conservation Board Meeting
February 26, 2020

WCB
State of California
Wildlife Conservation Board

Natural Resources Building,
First Floor Auditorium
1416 9th Street,
Sacramento, CA 95814

2019 Pacific Flyway Conservation PSN

- California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Proposition 68)
- "…protect and restore habitat associated with the Pacific Flyway."

2019 Pacific Flyway Conservation PSN

- PSN Area: Statewide
- 2019 Allocation: $9.25 million
- Projects should be consistent with habitat/species objectives of one of the five North American Migratory Bird Joint Ventures located within the State of CA

2019 Pacific Flyway Conservation PSN

- **Selection Process**
  - Pre-Applications
  - Full Proposals
  - Selection Committee
- **Solicitation Priorities**
  - Restoration/enhancement of wetlands, tidal marsh, estuarine, meadow or riparian habitat
  - Restoration/enhancement of upland nesting and/or foraging habitat
  - Restoration of native vegetation
  - Acquisition of migratory bird habitat

2019 Pacific Flyway Conservation PSN

Pre-Application Phase:

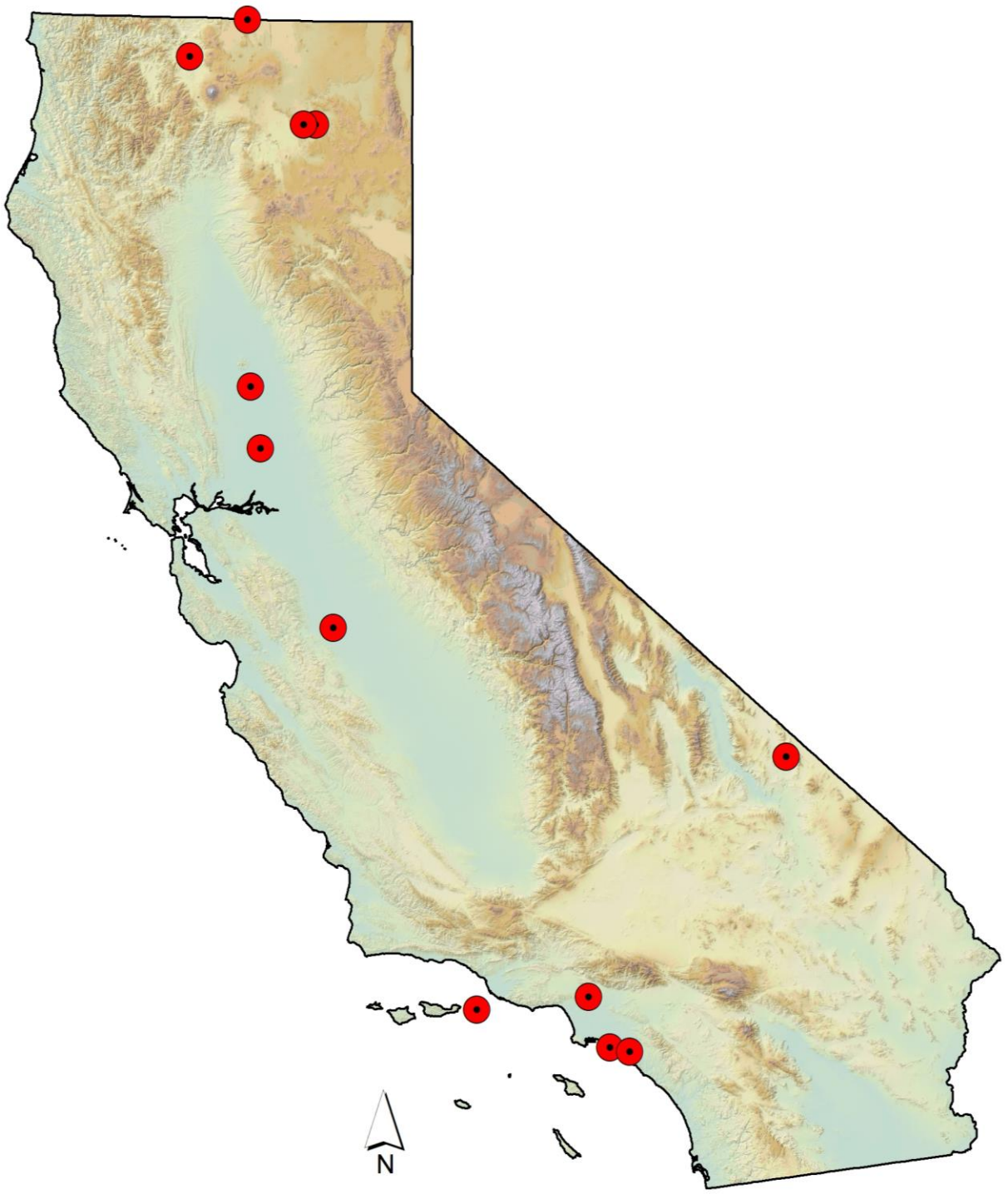
- 50 pre-applications received
- Funding request: $46.3 million

Full Application Phase:

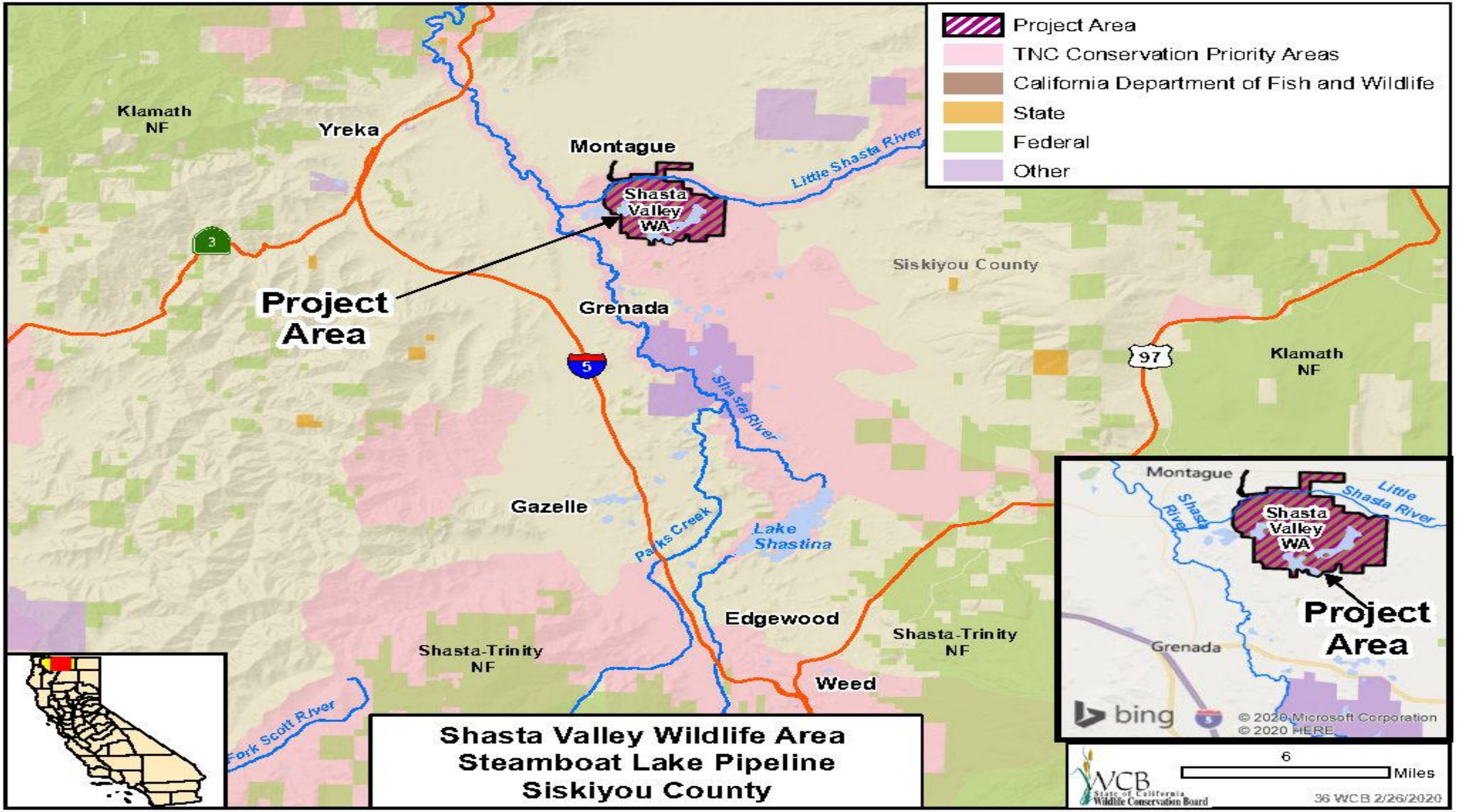
- 21 full applications received
- Funding request: $23.8 million

Projects Selected:

- 12 projects selected for funding consideration



Flyout at sunset – Gray Lodge Wildlife Area


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Klamath NF
Yreka
Montague
Shasta Valley WA
Little Shasta River
Siskiyou County
Project Area
Grenada
Shasta River
Klamath NF
Gazelle
Parks Creek
Lake Shastina
Edgewood
Shasta-Trinity NF
Weed
Fork Scott River
Montague
Little Shasta River
Shasta River
Shasta Valley WA
Project Area
Grenada
bing
© 2020 Microsoft Corporation
© 2020 HERE
6
Miles
WCB State of California Wildlife Conservation Board
36 WCB 2/26/2020
Shasta Valley Wildlife Area
Steamboat Lake Pipeline
Siskiyou County

36. Shasta Valley Wildlife Area Steamboat Lake Pipeline

Shasta Valley Wildlife Area – Steamboat Lake

36. Shasta Valley Wildlife Area Steamboat Lake Pipeline

Screened diversion that supplies water to Steamboat Lake.

36. Shasta Valley Wildlife Area Steamboat Lake Pipeline

- Steamboat Lake pump station that will be replaced with cost share

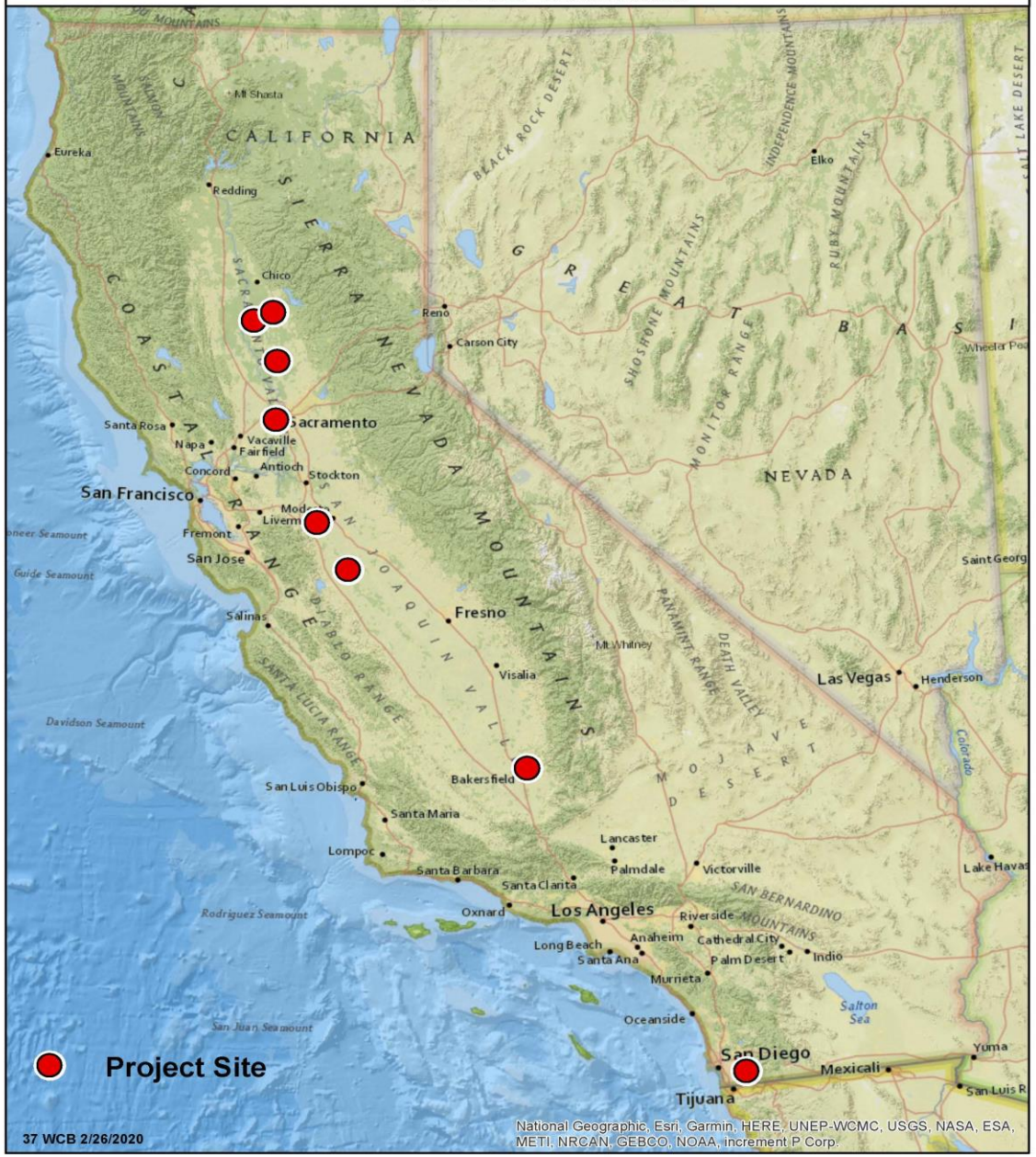
36. Shasta Valley Wildlife Area Steamboat Lake Pipeline

- Water delivered from pump station to ditch leading to Steamboat Lake

36. Shasta Valley Wildlife Area Steamboat Lake Pipeline

Ditch will be replaced with pipeline, making water delivery more efficient.

Central Valley
Monarch Butterfly Habitat Enhancement
Various Counties



37. Central Valley Monarch Butterfly Habitat Enhancement

- Naturally recruited milkweed observed at Panorama Vista Preserve, a site in the Central Valley that will be enhance through this project. River Partners will mimic the naturally occurring species and patterns present at project sites when possible.
- Photo Credit: River Partners

37. Central Valley Monarch Butterfly Habitat Enhancement

- A milkweed plant installed in a plant protector with label as part of the field trials at Dos Rios Ranch
- Photo Credit: River Partners

37. Central Valley Monarch Butterfly Habitat Enhancement

- California Conservation Corps members install landscape-scale restoration at Type 1 sites such as Dos Rios Ranch and Panorama Vista Preserve.
- Photo Credit: River Partners

37. Central Valley Monarch Butterfly Habitat Enhancement

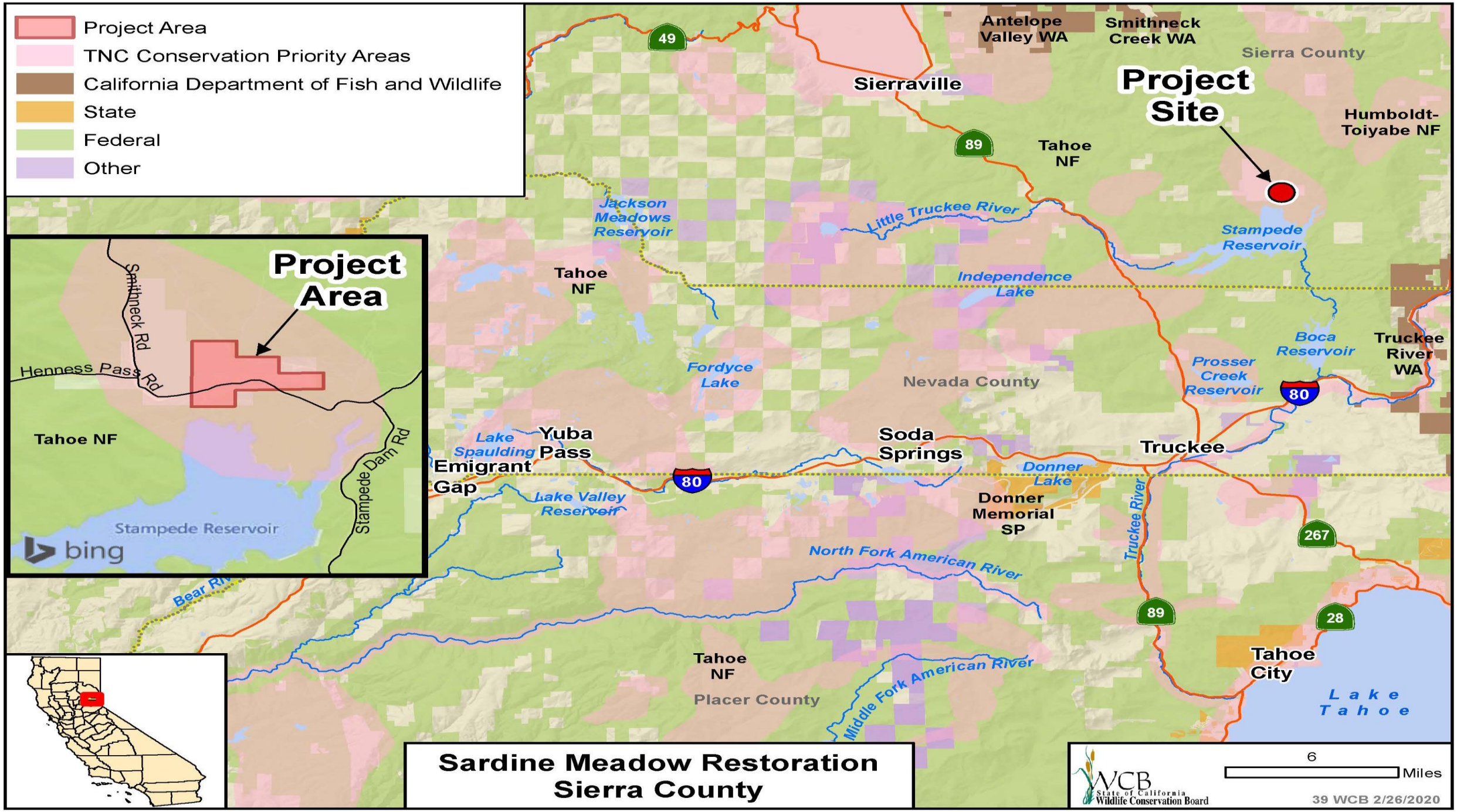
- At CDFW-owned sites such as Grasslands Wildlife Area, above, River Partners will remove weeds and install milkweed.
- Photo Credit: River Partners

37. Central Valley Monarch Butterfly Habitat Enhancement

Monarch butterfly

38. Neefus Gulch Fish Passage Improvement

- Project withdrawn from consideration at this time


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Smithneck Rd
Henness Pass Rd
Tahoe NF
Stampede Dam Rd
Stampede Reservoir
bing
Project Site
Antelope Valley WA
Smithneck Creek WA
Sierra County
Sierraville
Humboldt-Toiyabe NF
Tahoe NF
Jackson Meadows Reservoir
Little Truckee River
Stampede Reservoir
Independence Lake
Boca Reservoir
Truckee River WA
Fordyce Lake
Nevada County
Prosser Creek Reservoir
Lake Spaulding
Yuba Pass
Emigrant Gap
Soda Springs
Truckee
Donner Lake
Lake Valley Reservoir
Donner Memorial SP
Truckee River
North Fork American River
Bear Riv
Placer County
Middle Fork American River
Tahoe City
Lake Tahoe
49
89
80
267
28
Sardine Meadow Restoration
Sierra County
WCB State of California Wildlife Conservation Board
6
Miles
39 WCB 2/26/2020

39. Sardine Meadow Restoration

- Grazing
- Logging
- Railroads

Photo credit: National Agriculture Imagery Program (NAIP) 2016

39. Sardine Meadow Restoration

- Railroad grade bisecting meadow and channelizing stream.

Photo credit: Balance Hydrologics

39. Sardine Meadow Restoration

- Railroad grade channelizing stream.

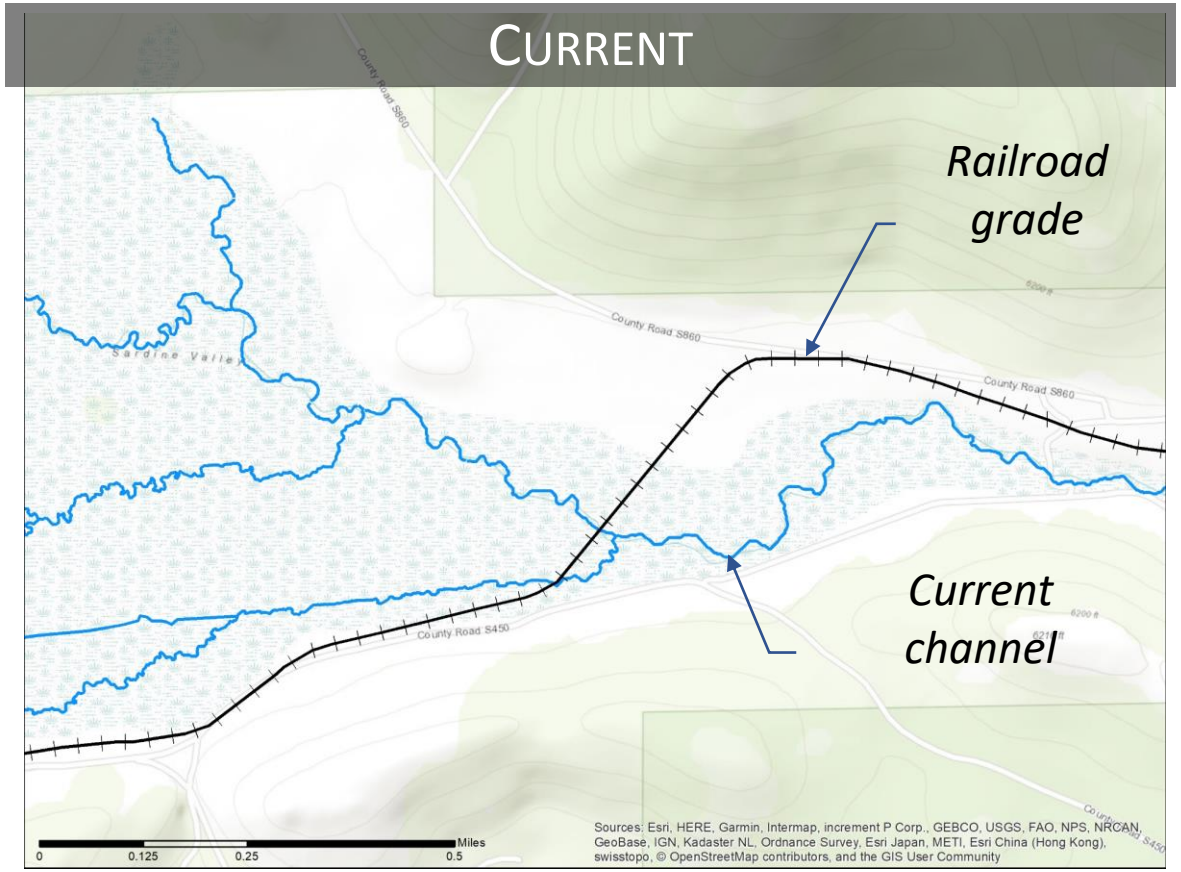
39. Sardine Meadow Restoration

- Cut bank.

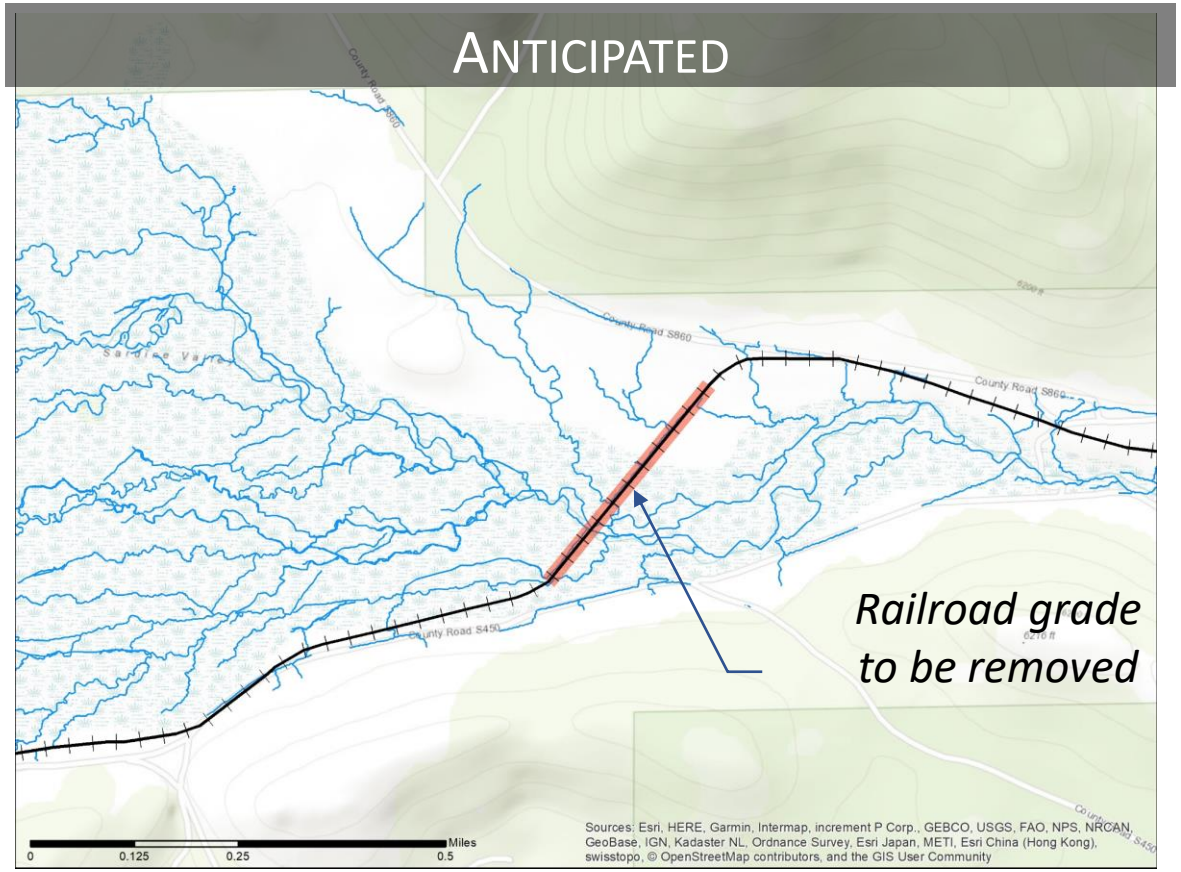
39. Sardine Meadow Restoration

- Incised channel disconnected from floodplain.
- Habitat conversion from meadow to shrubland.

CURRENT



ANTICIPATED



39. Sardine Meadow Restoration

- Hydrologic conditions.

Elverta
Citrus Heights
Placer County
Folsom Lake
North Highlands
El Dorado Hills
Folsom
Hazel Ave
American River
El Dorado County
Folsom Lake SRA
Fair Oaks
American River & Nimbus FH
Carmichael
American River Parkway
Discovery Park
Sacramento Bypass WA
Rancho Cordova
American River Parkway
West Sacramento
Sacramento
American River
Yolo Bypass WA
Project Site
Sacramento River
Yolo County
Sacramento County
Elk Grove
Project Site
Discovery Park
Tiscornia Park
American River Parkway
Sutter's Landing Regional Park
Sacramento Capitol Park
CSU Sacramento
bing
Project Site
California Department of Fish and Wildlife
State
Federal
Other
Discovery Park Picnic Shelters and Interpretation
Sacramento County
4
Miles
WCB State of California Wildlife Conservation Board
40 WCB 2/26/2020

Program Update

Introduction, Accomplishments, and What's Next

Program began in 2017 - convened Advisory Committee

Program's purpose (goals) includes:

HABITAT – *acquisition, restoration, enhancement, maintenance*

PUBLIC ACCESS – *improvement and expansion*

EDUCATION AND INTERPRETATION – *enhancement*

WATER QUALITY – *improvement*

Rio Linda
North Highlands
Elkhorn Blvd
W Elkhorn Blvd
Dry Creek Parkway
Rio Linda Airport
Hansen Ranch Regional Park
McClellan Airfield
McClellan AFB
Foothill Farms
Madison Ave
Orangevale
Greenback Ln
Sunrise Mall
Fair Oaks Park
North Ridge Country Club
Del Paso Rd
Main Ave
Sleep Train Arena
N Market Blvd
Bell Ave
The Promenade
Grand Ave
Del Paso Park
Haggin Oaks Golf Complex
American River College
Winding Way
Sunset Ave
Miller Park
Phoenix Park
Fair Oaks
Cypress Ave
Fair Oaks Blvd
Edison Ave
Nimbus Hatchery
Gold River
Carmichael
San Juan Rd
Arcade Creek
Del Paso Country Club
Marconi Ave
W El Camino Ave
El Camino Ave
Ancil Hoffman
American River Parkway
Coloma Rd
Discovery Park
Arden Garden Conn
Arden Way
Arden Fair Mall
Howe Park
Country Club Centre
Alta Arden Expy
Exposition Blvd
Cal Expo
Richards Blvd
Sacramento
Capitol Mall
William B. Pond
White Rock Rd
Folsom Blvd
Rancho Cordova
La Riviera
Mather Blvd
Mather Airport
Mather AFB
Mather Golf Course
Mather Regional Park
Douglas Rd
CSU Sacramento
UC Davis Medical Center
Broadway
Tahoe Park
Johnson School Park
Granite Park
Kiefer Blvd
Goethe Rd
Cordova Golf Course
William Land Park
14th Ave
21st Ave Parkway
Jackson Rd
Fruitridge Rd
Executive Airport
Morrison Creek Sim Park
0
1.25
2.5
5 Miles
N
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Accomplishments

$1 million from General Fund in 2017-18

Funded the Lower American River Natural Resources Management Plan (NRMP)

$10 million from Proposition 68

$2.5 million released in 2018-19 (2018 grant cycle)
$7.5 million released in 2019-20 (2019 grant cycle)

Accomplishments

2018 Grant Cycle	Accomplished
Available funds:	$2.5 million
Priorities:	Habitat and Public Access
Full Applications:	5
Recommended:	3 Public Access projects at $2,475,000
WCB Approved:	2

2019 Grant Cycle	Accomplished
Available funds:	$7.25 million
Priorities:	Habitat and Education/Interpretation
Full Applications:	6
Recommended:	2 Habitat 1 Education/Interpretation 3 Public Access $2,310,606
WCB Approved:	4 pending today

Accomplishments

$1 million approved by WCB
$1.7 million pending WCB approval today
$2.3 million pending WCB approval later this year

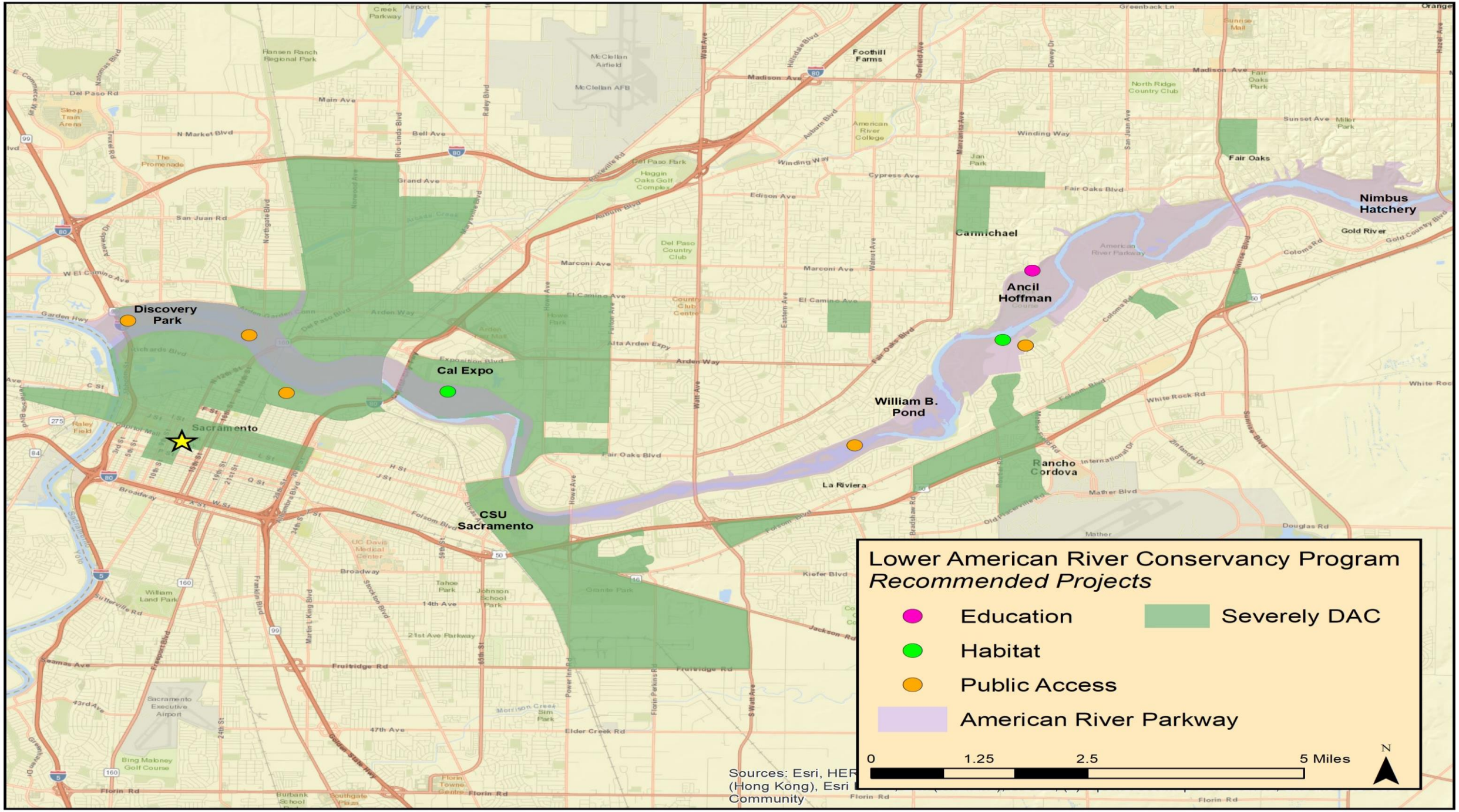
Accomplishments

<u>Recommended Investments</u>

$4 million – Public Access

$618,000 – Habitat

$112,000 – Education/Interpretation


Discovery Park
Cal Expo
Sacramento
CSU Sacramento
William B. Pond
Ancil Hoffman
Nimbus Hatchery
Fair Oaks
Carmichael
Rancho Cordova
La Riviera
Foothill Farms
Lower American River Conservancy Program
Recommended Projects
Education
Habitat
Public Access
Severely DAC
American River Parkway
0
1.25
2.5
5 Miles
N
Sources: Esri, HER
(Hong Kong), Esri
Community

Accomplishments

9 Advisory Committee meetings

1 tour of the Parkway

2 competitive grant cycles

What's Next

2 Advisory Committee meetings in 2020

$5 million in remaining funds

3rd competitive grant cycle this spring

2nd tour of the Parkway in October 2020

Elverta
Citrus Heights
Placer County
Folsom Lake
North Highlands
El Dorado Hills
Folsom
Hazel Ave
Sacramento River
American River
El Dorado County
Folsom Lake SRA
Fair Oaks
50
American River & Nimbus FH
Carmichael
American River Parkway
Discovery Park
Sacramento Bypass WA
American River Parkway
Rancho Cordova
West Sacramento
Sacramento
American River
Yolo Bypass WA
Project Site
Sacramento River
Yolo County
Sacramento County
Elk Grove
Project Site
Discovery Park
Tiscornia Park
American River Parkway
DOS RIOS TRIANGLE
Sutter's Landing Regional Park
Sacramento Capitol Park
CSU Sacramento
bing
Project Site
California Department of Fish and Wildlife
State
Federal
Other
Discovery Park Picnic Shelters and Interpretation
Sacramento County
WCB State of California Wildlife Conservation Board
4
Miles
40 WCB 2/26/2020

40. Discovery Park Picnic Shelters and Interpretation

- Existing wooden picnic shelter
- Serves 10,000 to 14,000 people per year
- Over 33 years old

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40. Discovery Park Picnic Shelters and Interpretation

- Annual flooding inundates picnic shelters week at a time

40. Discovery Park Picnic Shelters and Interpretation

- Decay and severe splitting on support beams
- Deterioration of rafters

40. Discovery Park Picnic Shelters and Interpretation

- New picnic shelter design
- Concrete and steel
- Same footprint
- Same capacity

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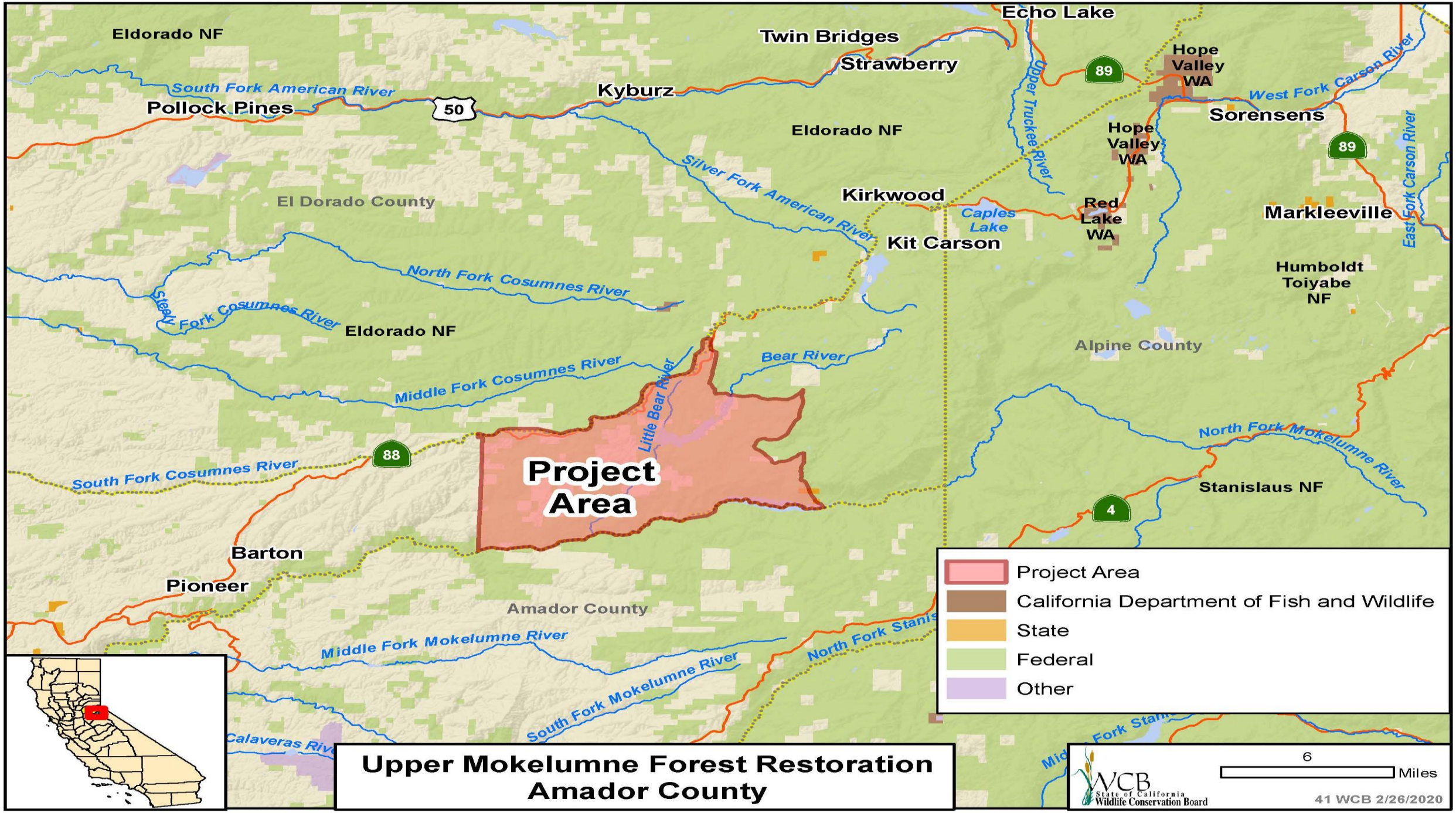
40. Discovery Park Picnic Shelters and Interpretation

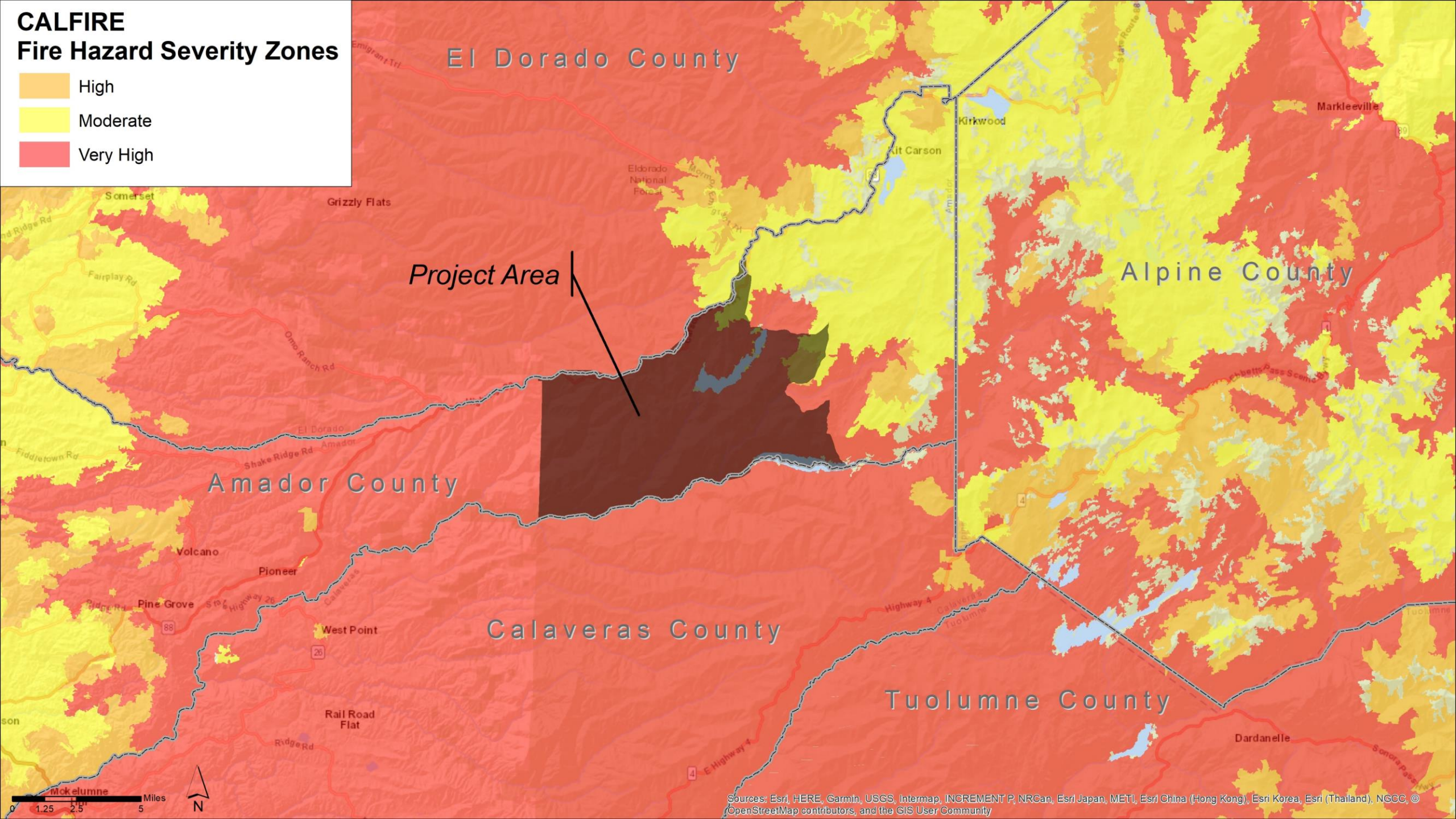
- Interpretive panel design
- 5 signs installed within ¼ mile of picnic shelters
- Provoke curiosity about nature and surrounding landscape.



Upper Mokelumne Forest Restoration
Amador County

41. Upper Mokelumne Forest Restoration

Dead standing trees, post-fire.


CALFIRE
Fire Hazard Severity Zones
High
Moderate
Very High
El Dorado County
Alpine County
Amador County
Calaveras County
Tuolumne County
Project Area
Kirkwood
Kit Carson
Markleeville
Somerset
Grizzly Flats
Eldorado National Forest
Volcano
Pioneer
Pine Grove
West Point
Rail Road Flat
Dardanelle
Mokelumne
Miles
0 1.25 2.5 5
N
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

41. Upper Mokelumne Forest Restoration

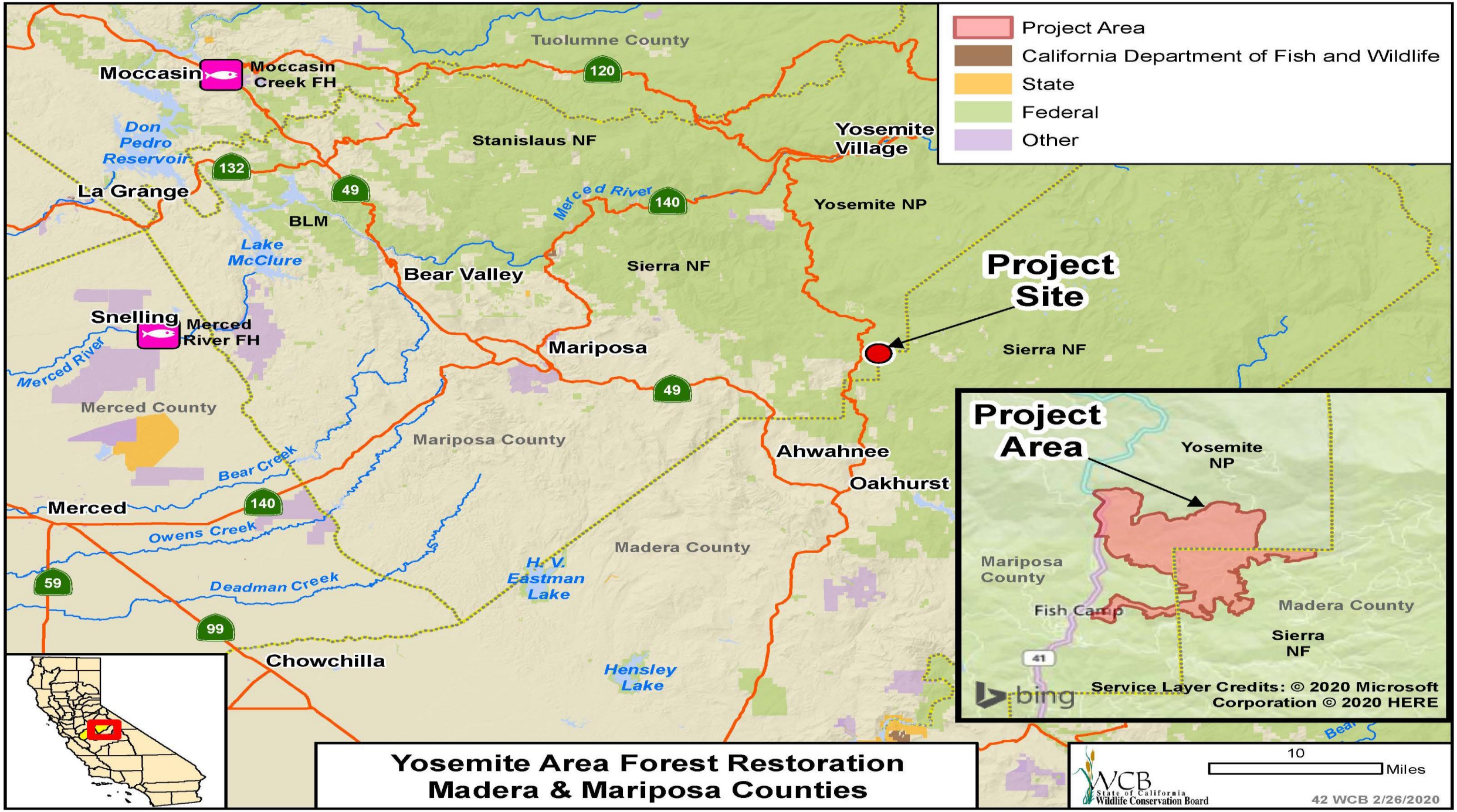
Slash pile to be burned or masticated.

41. Upper Mokelumne Forest Restoration

Aspen saplings emerge following conifer thinning.

41. Upper Mokelumne Forest Restoration

Post-fire recovery (planting and thinning).


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Tuolumne County
Moccasin
Moccasin Creek FH
120
Don Pedro Reservoir
Stanislaus NF
Yosemite Village
132
49
La Grange
Merced River
140
Yosemite NP
BLM
Lake McClure
Bear Valley
Sierra NF
Project Site
Snelling
Merced River FH
Mariposa
Merced River
49
Sierra NF
Merced County
Mariposa County
Ahwahnee
Bear Creek
Oakhurst
Merced
140
Owens Creek
Madera County
H. V. Eastman Lake
59
Deadman Creek
99
Chowchilla
Hensley Lake
Project Area
Yosemite NP
Mariposa County
Fish Camp
Madera County
Sierra NF
41
bing
Service Layer Credits: © 2020 Microsoft Corporation © 2020 HERE
Yosemite Area Forest Restoration
Madera & Mariposa Counties
10
Miles
WCB State of California Wildlife Conservation Board
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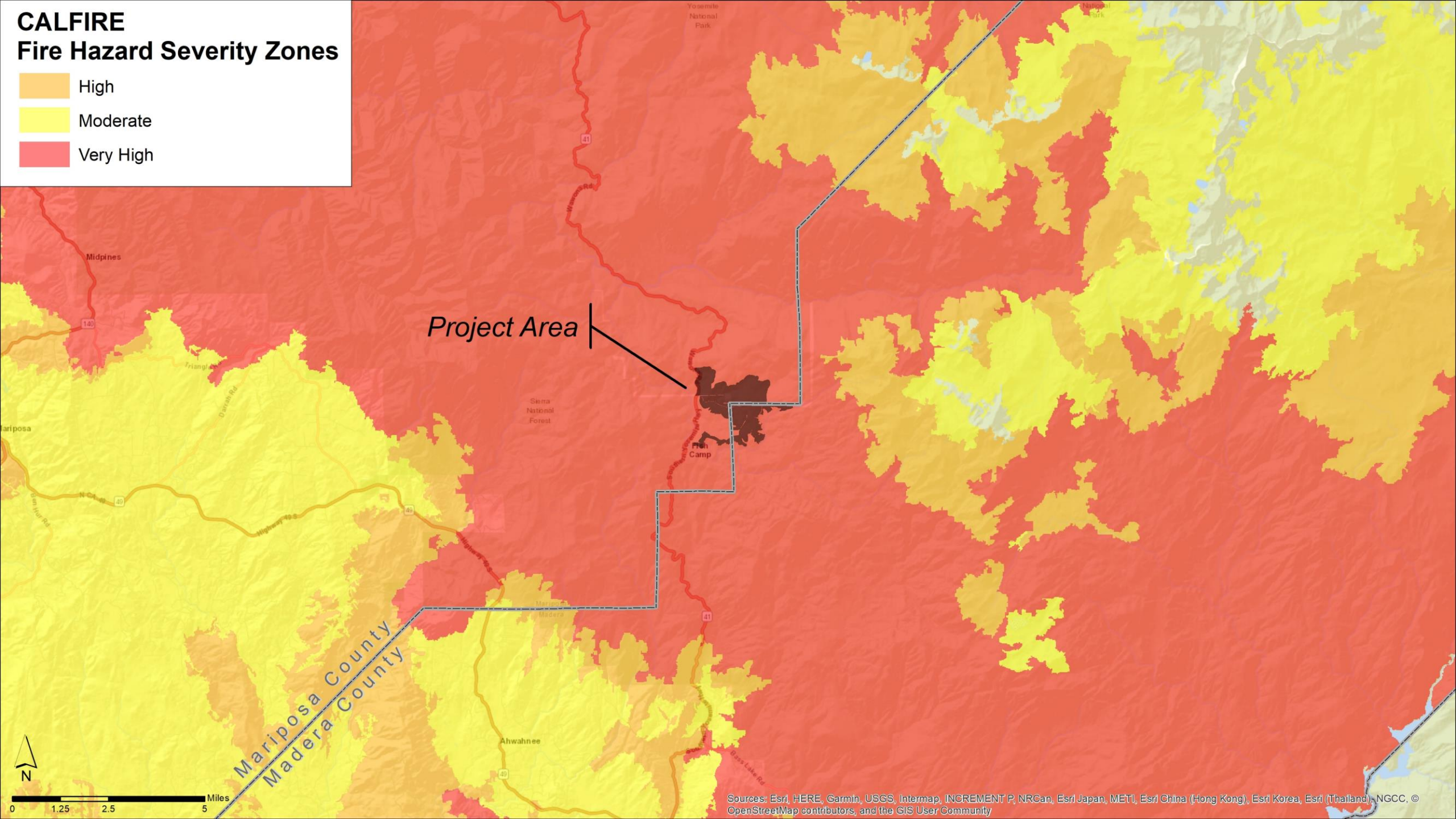
42. Yosemite Area Forest Restoration

Tree mortality from drought, beetles, and fire.

42. Yosemite Area Forest Restoration

Standing dead and felled trees contribute to hazardous fire fuel.


CALFIRE
Fire Hazard Severity Zones
High
Moderate
Very High
Project Area
Midpines
Mariposa
Sierra National Forest
Camp
Ahwahnee
Mariposa County
Madera County
N
0
1.25
2.5
5
Miles
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

42. Yosemite Area Forest Restoration

Mariposa Grove of Giant Sequoias.

42. Yosemite Area Forest Restoration

Ladder fuels that lead to crown fires.

42. Yosemite Area Forest Restoration

Thinning and prescribed fire.

2019 Public Access Proposal Solicitation Notice

2019 Proposal Solicitation Notice

Public access projects should focus on creating meaningful outdoor experiences for all Californians

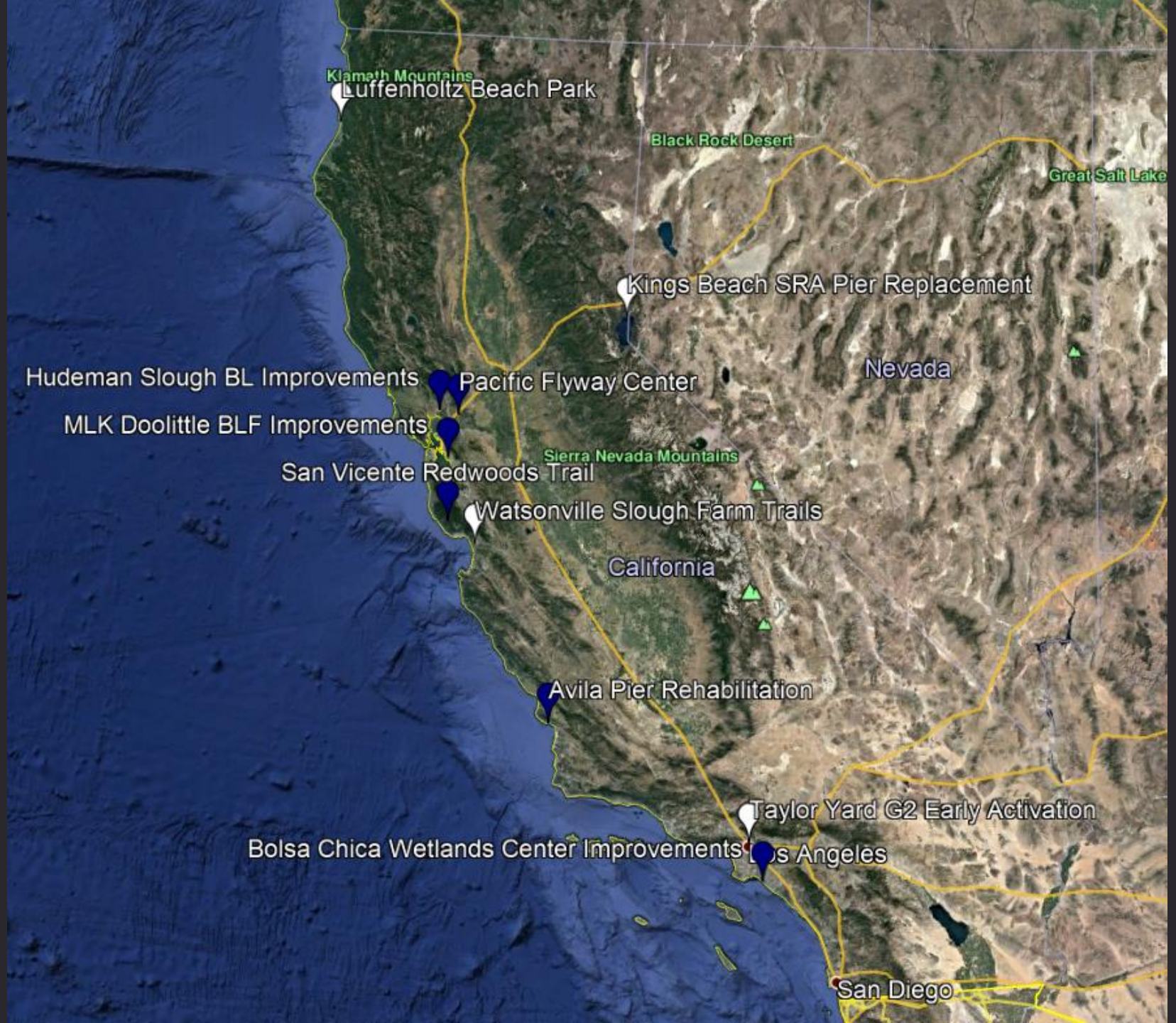
2019 Public Access PSN

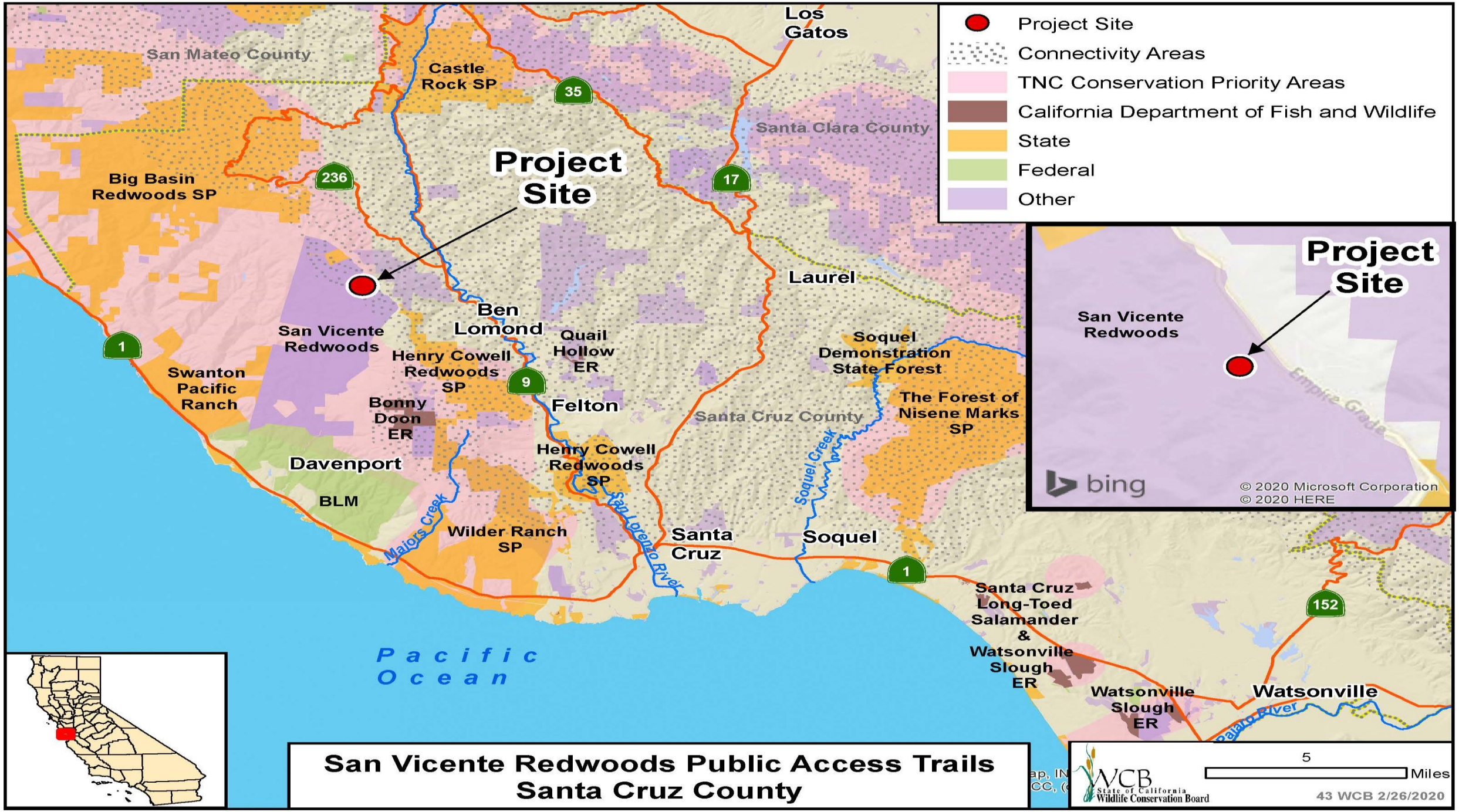
42 pre applications

22 full applications

More than $12M in requests

10 selected for funding consideration


Klamath Mountains
Luffenholtz Beach Park
Black Rock Desert
Great Salt Lake
Kings Beach SRA Pier Replacement
Nevada
Hudeman Slough BL Improvements
Pacific Flyway Center
MLK Doolittle BLF Improvements
Sierra Nevada Mountains
San Vicente Redwoods Trail
Watsonville Slough Farm Trails
California
Avila Pier Rehabilitation
Taylor Yard G2 Early Activation
Bolsa Chica Wetlands Center Improvements
s Angeles
San Diego


Project Site
Connectivity Areas
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Site
San Vicente Redwoods
Empire Grade
bing
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Los Gatos
San Mateo County
Castle Rock SP
Santa Clara County
Big Basin Redwoods SP
Project Site
Laurel
Ben Lomond
San Vicente Redwoods
Quail Hollow ER
Soquel Demonstration State Forest
Henry Cowell Redwoods SP
Swanton Pacific Ranch
Bonny Doon ER
Felton
The Forest of Nisene Marks SP
Santa Cruz County
Davenport
Henry Cowell Redwoods SP
Soquel Creek
BLM
Majors Creek
Wilder Ranch SP
Santa Cruz
Soquel
San Lorenzo River
Santa Cruz Long-Toed Salamander & Watsonville Slough ER
Watsonville Slough ER
Watsonville
Pajaro River
Pacific Ocean
35
236
17
1
9
152
San Vicente Redwoods Public Access Trails
Santa Cruz County
5
Miles
WCB State of California Wildlife Conservation Board
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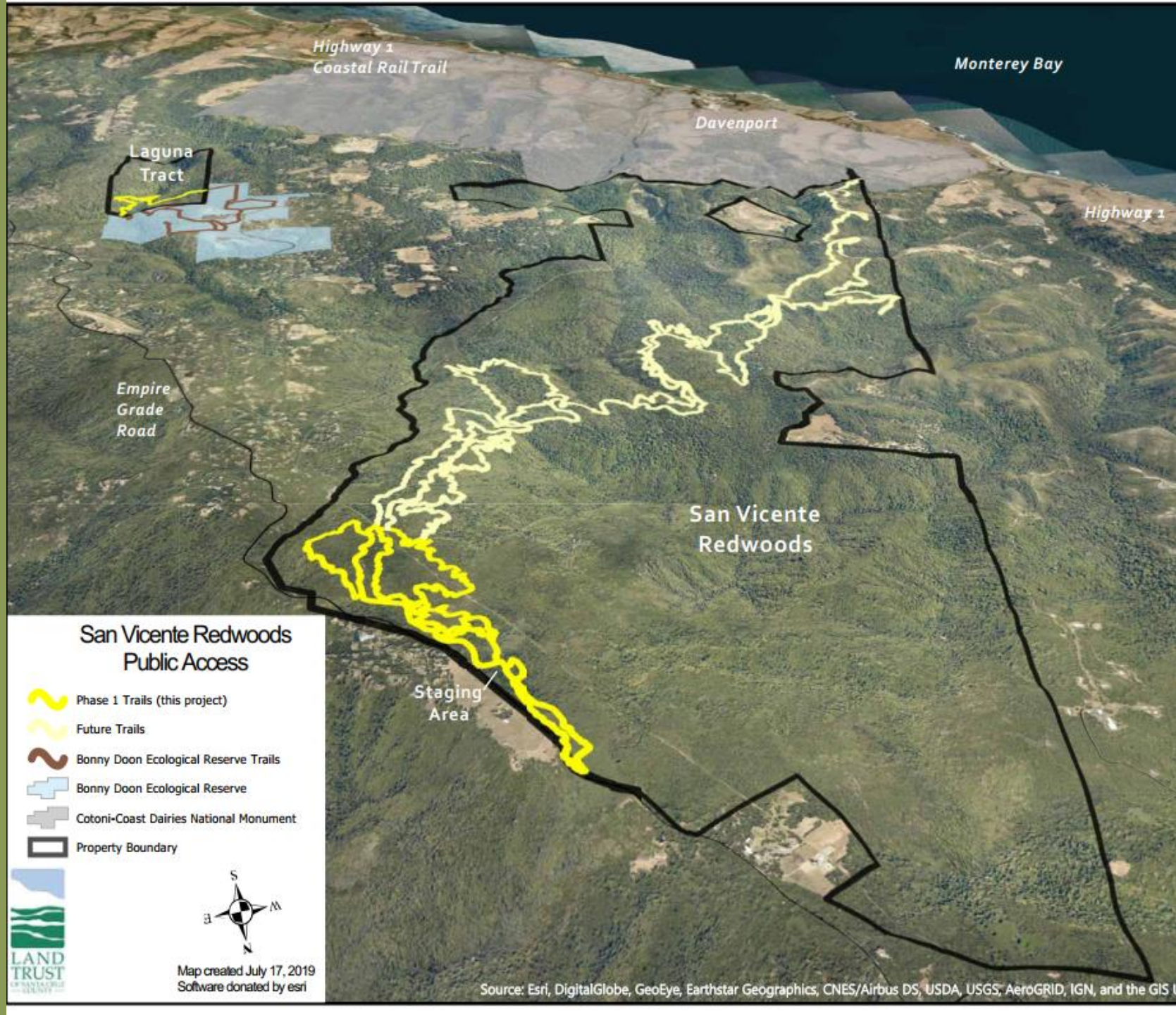
3.5 million people within 40 miles
Bay Area, Santa Cruz, Watsonville

Land Acquisition:

- WCB Forest Legacy Program
- Coastal Conservancy
- Resources Legacy Fund Foundation

Conservation Partners:

- Peninsula Open Space Trust
- Sempervirens Funds
- Save the Redwoods League
- Land Trust of Santa Cruz County



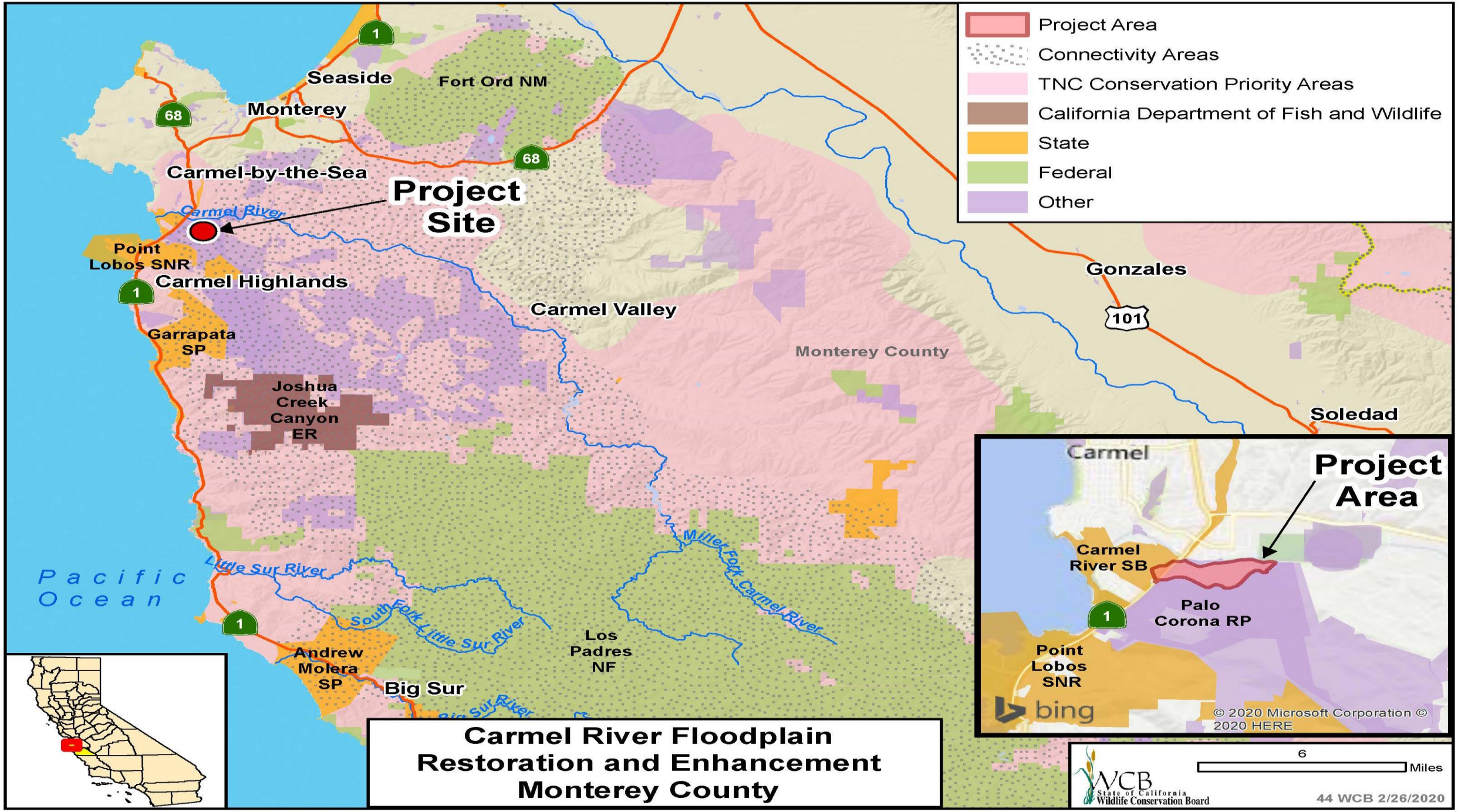
San Vicente Redwoods Public Access Trails

- 10 miles of trails, including an accessible trail
- Trail bridges
- Interpretive and wayfinding signage
- Gravel parking area
- Restroom
- Upgrades to a service road
- Emergency call box
- Water tanks

- Photo credit: Land Trust of Santa Cruz County

San Vicente Redwood Trails

Photo courtesy of Ian Bornarth


Project Area
Connectivity Areas
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Seaside
Fort Ord NM
Monterey
Carmel-by-the-Sea
Project Site
Carmel River
Point Lobos SNR
Carmel Highlands
Garrapata SP
Joshua Creek Canyon ER
Carmel Valley
Monterey County
Gonzales
Soledad
Pacific Ocean
Little Sur River
South Fork Little Sur River
Miller Fork Carmel River
Andrew Molera SP
Big Sur
Los Padres NF
Carmel
Project Area
Carmel River SB
Palo Corona RP
Point Lobos SNR
bing
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Carmel River Floodplain Restoration and Enhancement Monterey County
6
Miles
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© BSLT

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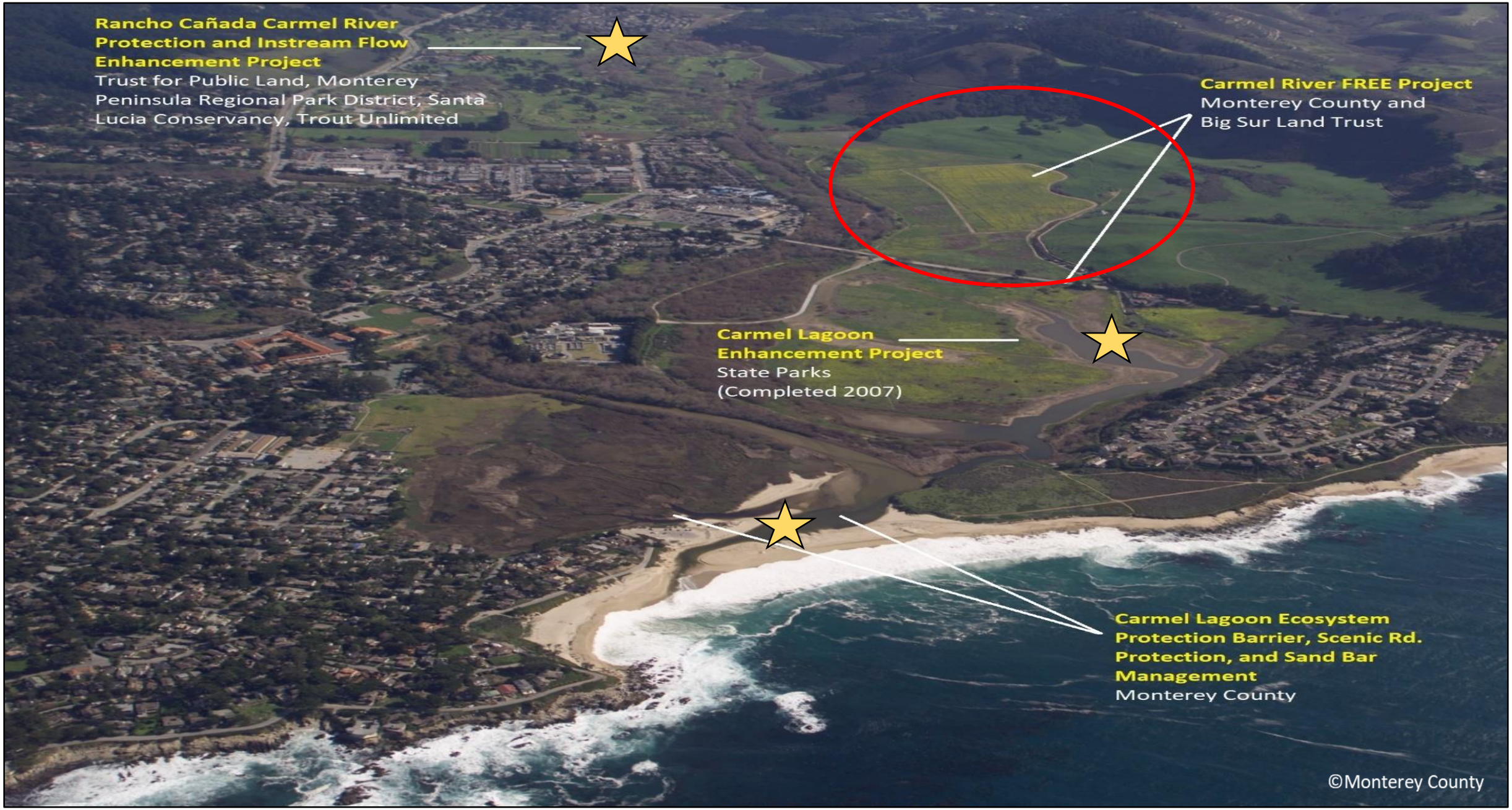
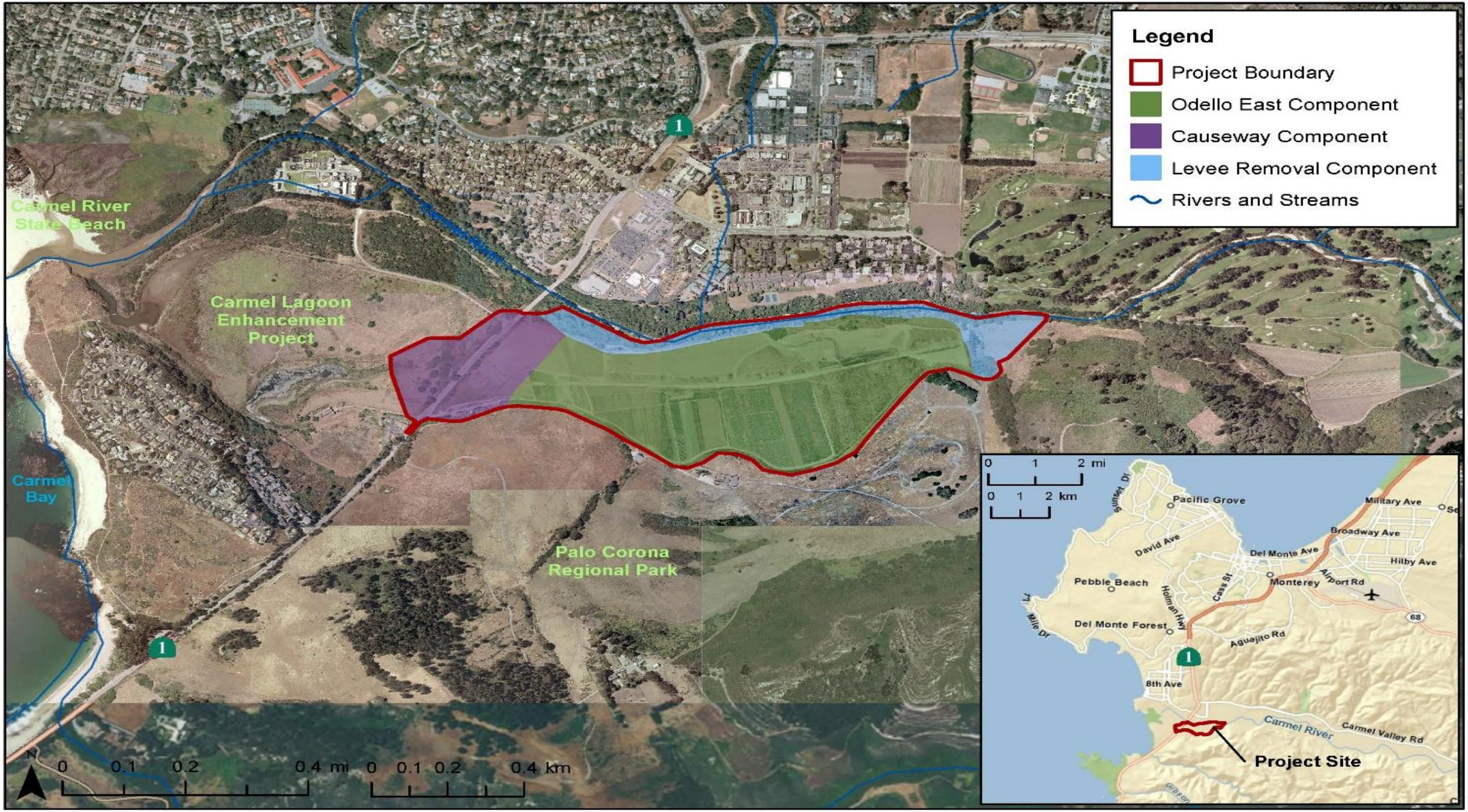
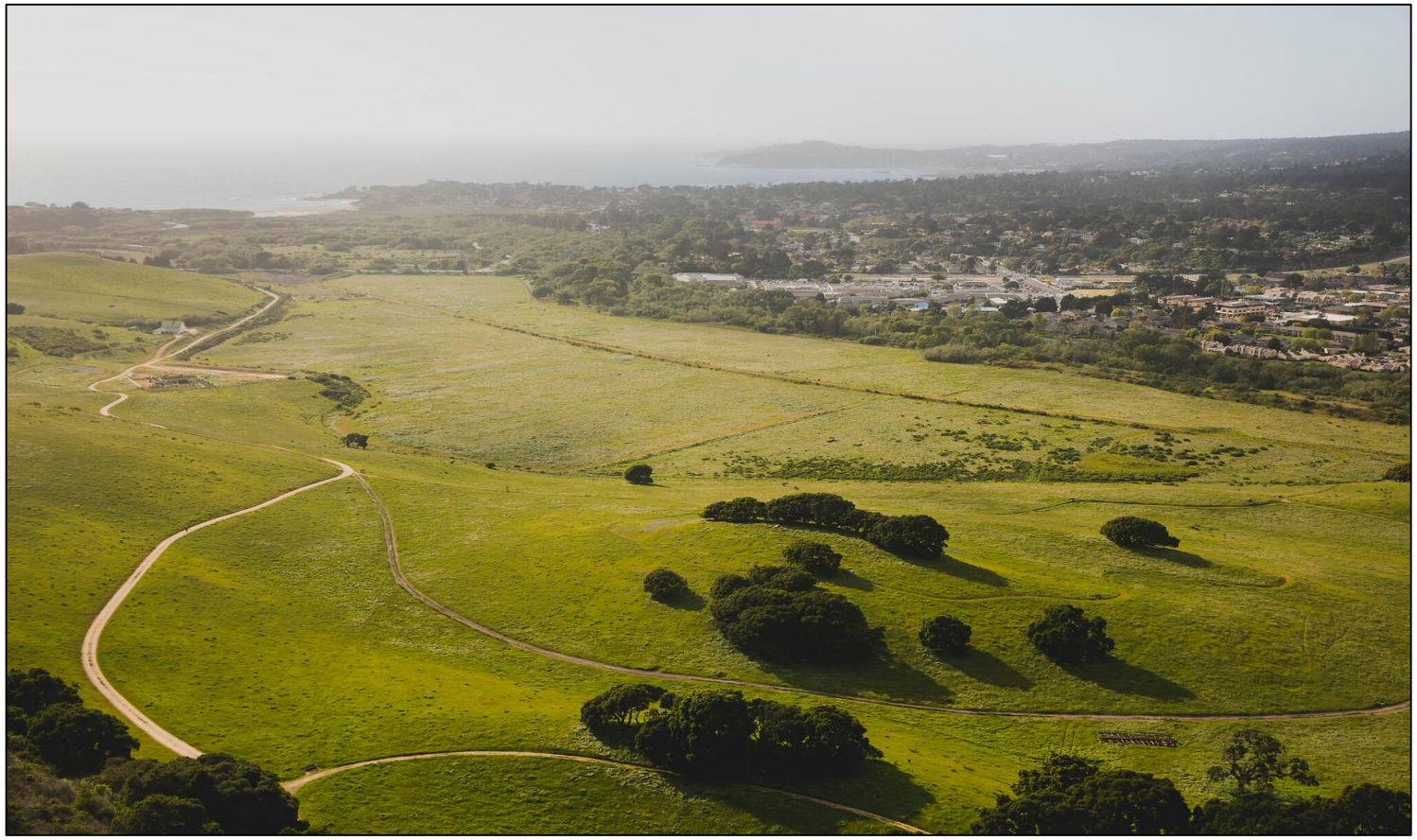

Rancho Cañada Carmel River Protection and Instream Flow Enhancement Project
Trust for Public Land, Monterey Peninsula Regional Park District, Santa Lucia Conservancy, Trout Unlimited
Carmel River FREE Project
Monterey County and Big Sur Land Trust
Carmel Lagoon Enhancement Project
State Parks
(Completed 2007)
Carmel Lagoon Ecosystem Protection Barrier, Scenic Rd. Protection, and Sand Bar Management
Monterey County
©Monterey County

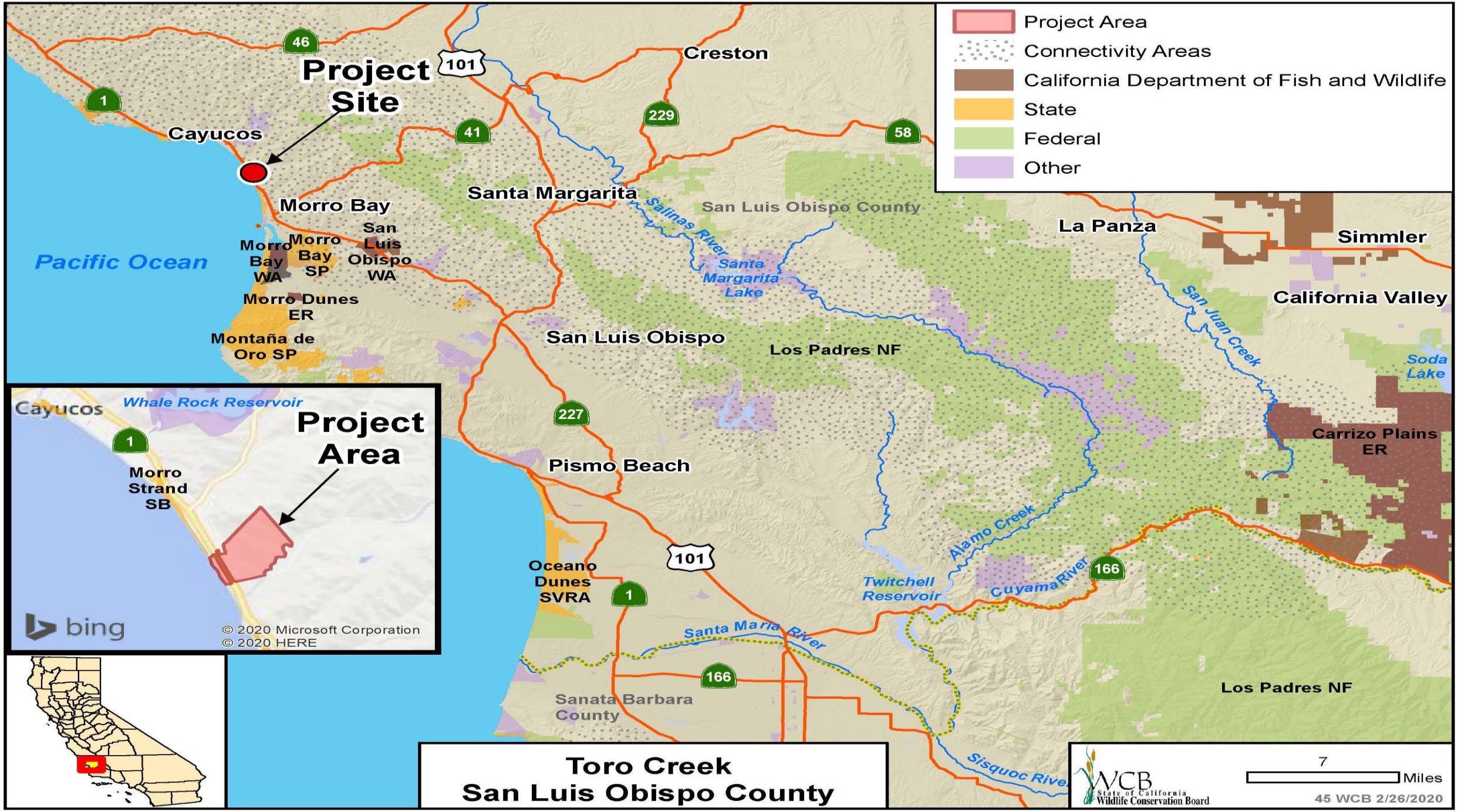

Legend
Project Boundary
Odello East Component
Causeway Component
Levee Removal Component
Rivers and Streams
Carmel River State Beach
Carmel Lagoon Enhancement Project
Carmel Bay
Palo Corona Regional Park
1
N
0 0.1 0.2 0.4 mi
0 0.1 0.2 0.4 km
0 1 2 mi
0 1 2 km
Pacific Grove
Military Ave
Broadway Ave
David Ave
Del Monte Ave
Hilby Ave
Pebble Beach
Monterey
Airport Rd
Holman Hwy
Cass St
17 Mile Dr
Del Monte Forest
Aguajito Rd
68
8th Ave
Carmel River
Carmel Valley Rd
Project Site

CONCEPTUAL FLOODPLAIN RESTORATION AND REVEGETATION
PLAN VIEW



44. Carmel River Floodplain Restoration and Enhancement

- 100% designs for floodplain construction
- 135 acres of floodplain construction
- Habitat Restoration Plan for 80 acres
- 40 acres of habitat restoration


Project Area
Connectivity Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Site
Cayucos
Morro Bay
Pacific Ocean
Morro Bay WA
Morro Bay SP
San Luis Obispo WA
Morro Dunes ER
Montaña de Oro SP
Creston
Santa Margarita
San Luis Obispo County
Salinas River
Santa Margarita Lake
La Panza
Simmler
California Valley
San Juan Creek
San Luis Obispo
Los Padres NF
Soda Lake
Carrizo Plains ER
Pismo Beach
Oceano Dunes SVRA
Alamo Creek
Twitchell Reservoir
Cuyama River
Santa Maria River
Sanata Barbara County
Los Padres NF
Sisquoc River
Project Area
Whale Rock Reservoir
Morro Strand SB
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Toro Creek
San Luis Obispo County
WCB State of California Wildlife Conservation Board
7
Miles
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45. Toro Creek

View of the uplands section of the property just south of Cayucos and north of Morro Bay.

45. Toro Creek

Toro Creek Beach looking north toward Cayucos.

45. Toro Creek

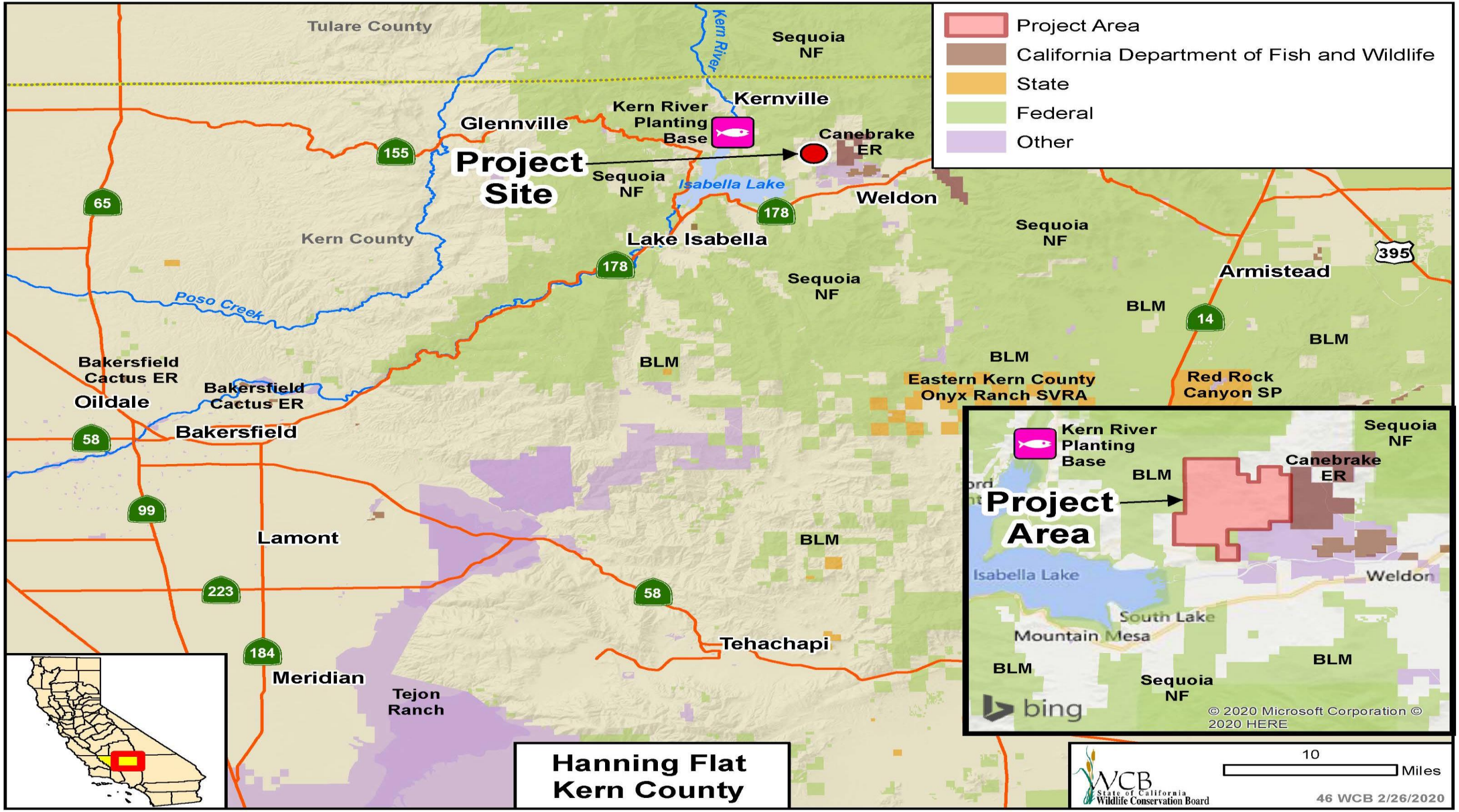
Toro Creek Beach looking northwest depicting wildflowers.

45. Toro Creek

Toro Creek property looking West.

45. Toro Creek

Toro Creek dog beach and property in background behind white sign.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Tulare County
Kern River
Sequoia NF
Kernville
Kern River Planting Base
Glennville
Canebrake ER
Project Site
155
Sequoia NF
Isabella Lake
Weldon
65
178
Kern County
Lake Isabella
Sequoia NF
395
Armistead
Poso Creek
BLM
14
Bakersfield Cactus ER
Oildale
Bakersfield Cactus ER
BLM
Eastern Kern County Onyx Ranch SVRA
Red Rock Canyon SP
58
Bakersfield
99
Lamont
BLM
223
58
Tehachapi
184
Meridian
Tejon Ranch
Kern River Planting Base
Sequoia NF
Canebrake ER
BLM
Project Area
Isabella Lake
Weldon
South Lake
Mountain Mesa
BLM
BLM
Sequoia NF
bing
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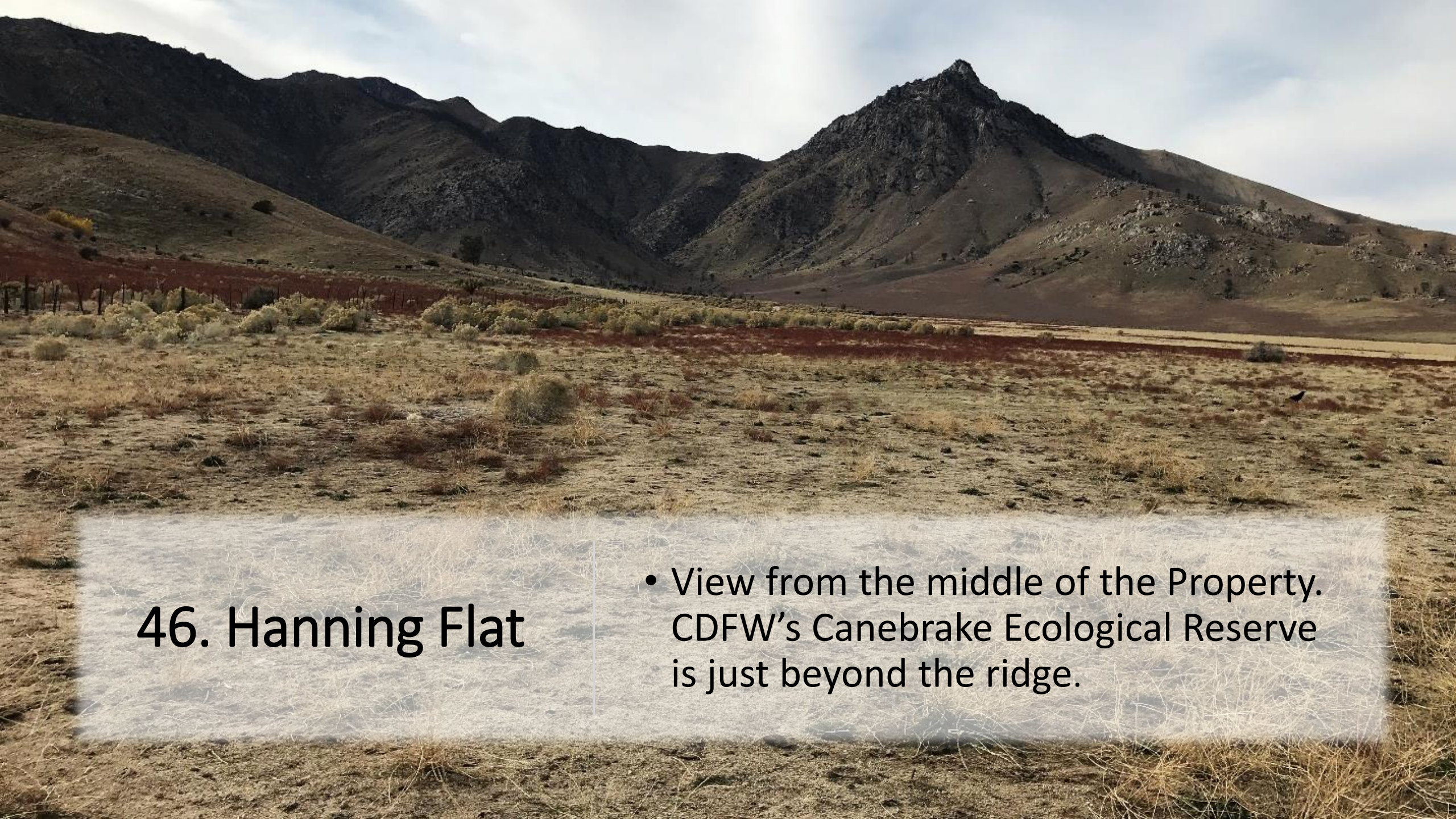
Hanning Flat
Kern County
10
Miles
WCB State of California Wildlife Conservation Board
46 WCB 2/26/2020



46. Hanning Flat

- View from the middle of the Property. CDFW's Canebrake Ecological Reserve is just beyond the ridge.

46. Hanning Flat

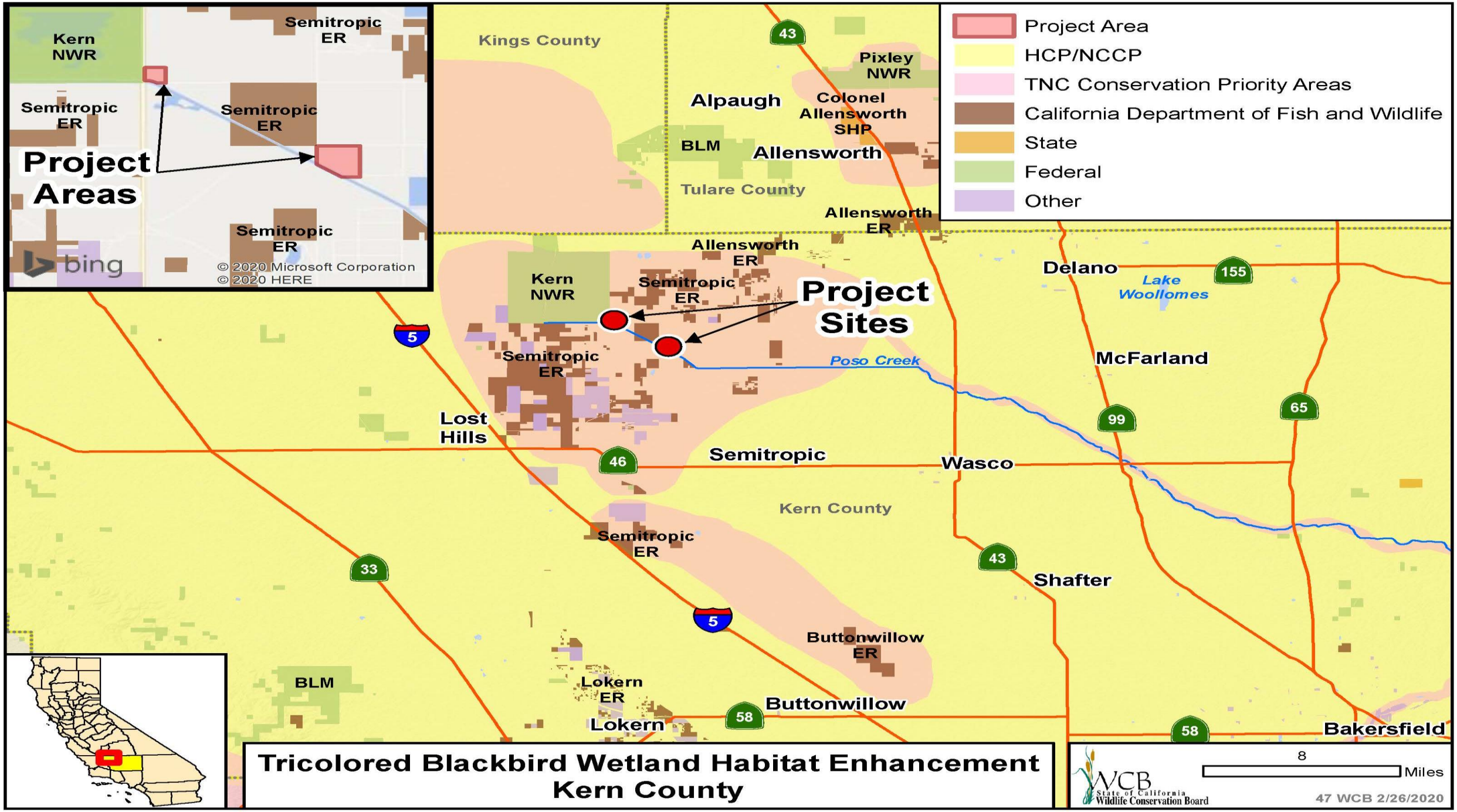
- Several intermittent stream corridors are located on the Property.

46. Hanning Flat

- Kern River Valley Heritage Foundation will manage the Property.

46. Hanning Flat

- Looking south at the Property. Property will expand recreational opportunities for visitors and nearby disadvantaged communities.


Project Areas
Kern NWR
Semitropic ER
Semitropic ER
Semitropic ER
bing
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Project Area
HCP/NCCP
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Kings County
Tulare County
Kern County
Alpaugh
Pixley NWR
Colonel Allensworth SHP
BLM
Allensworth
Allensworth ER
Project Sites
Kern NWR
Semitropic ER
Semitropic ER
Lost Hills
Semitropic
Semitropic ER
Buttonwillow ER
Lokern ER
Lokern
Buttonwillow
BLM
Delano
Lake Woollomes
McFarland
Poso Creek
Wasco
Shafter
Bakersfield
5
46
33
58
99
65
155
43
Tricolored Blackbird Wetland Habitat Enhancement
Kern County
WCB State of California Wildlife Conservation Board
8
Miles
47 WCB 2/26/2020

47. Tricolored Blackbird Wetland Habitat Enhancement

- Lawrence-DeLorenzo seasonal wetland.

47. Tricolored Blackbird Wetland Habitat Enhancement

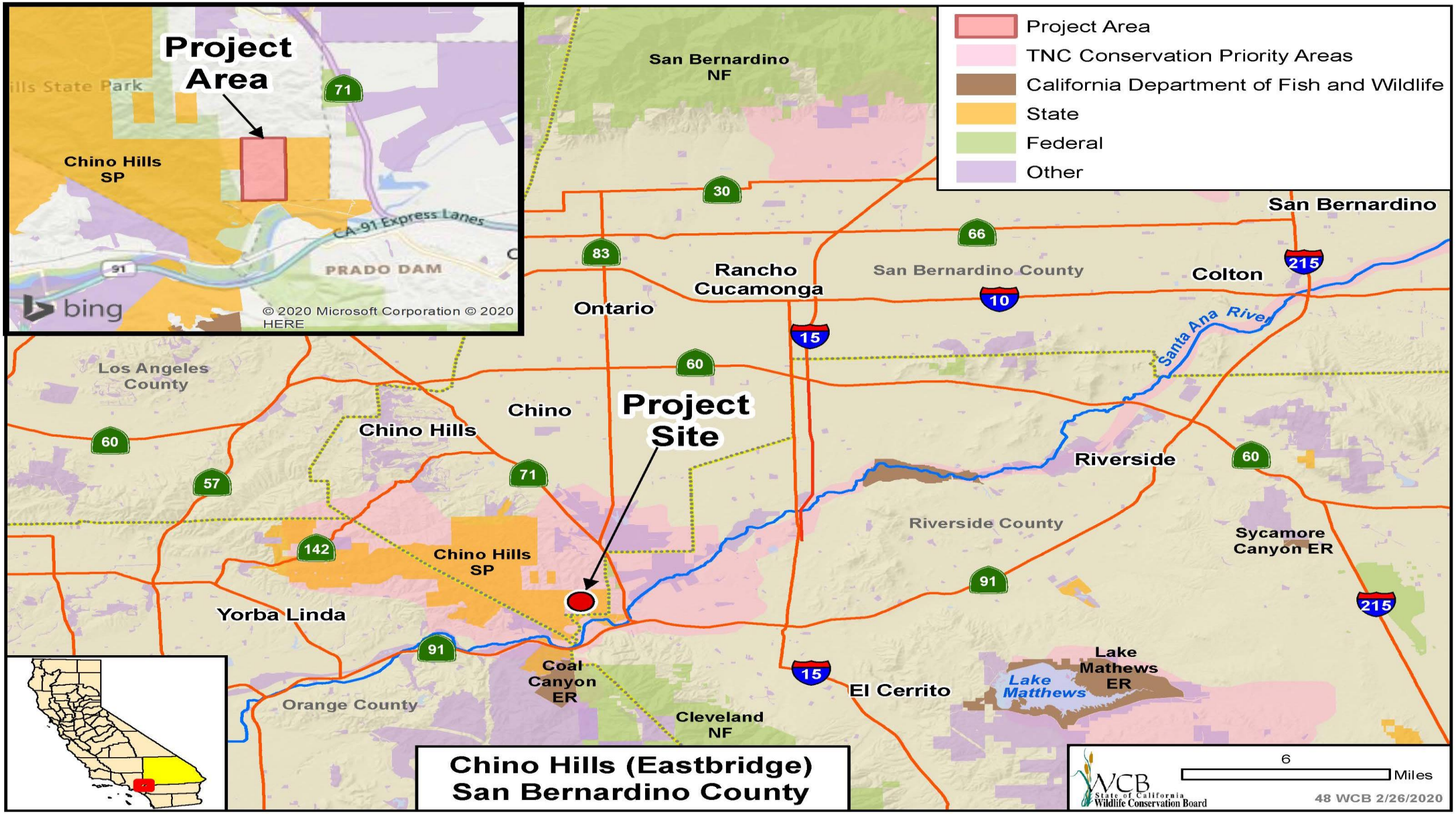
Lawrence-East seasonal wetland.

47. Tricolored Blackbird Wetland Habitat Enhancement

- Tricolored Blackbird colony at Lawrence-East.

47. Tricolored Blackbird Wetland Habitat Enhancement

- Semi-permanent wetland/brood pond, indicative of brood ponds on the Lawrence-East and Lawrence-DeLorenzo properties.


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Chino Hills SP
CA-91 Express Lanes
PRADO DAM
© 2020 Microsoft Corporation © 2020 HERE
San Bernardino NF
San Bernardino
Rancho Cucamonga
San Bernardino County
Colton
Ontario
Santa Ana River
Los Angeles County
Chino
Project Site
Chino Hills
Riverside
Riverside County
Sycamore Canyon ER
Chino Hills SP
Yorba Linda
Coal Canyon ER
Orange County
Cleveland NF
El Cerrito
Lake Mathews
Lake Mathews ER
Chino Hills (Eastbridge)
San Bernardino County
6
Miles
WCB State of California Wildlife Conservation Board
48 WCB 2/26/2020

48. Chino Hills (Eastbridge)

- Aerial view of Chino Hills State Park, the Property is shown on the far left.
- Photo Credit: Hills for Everyone

48. Chino Hills (Eastbridge)

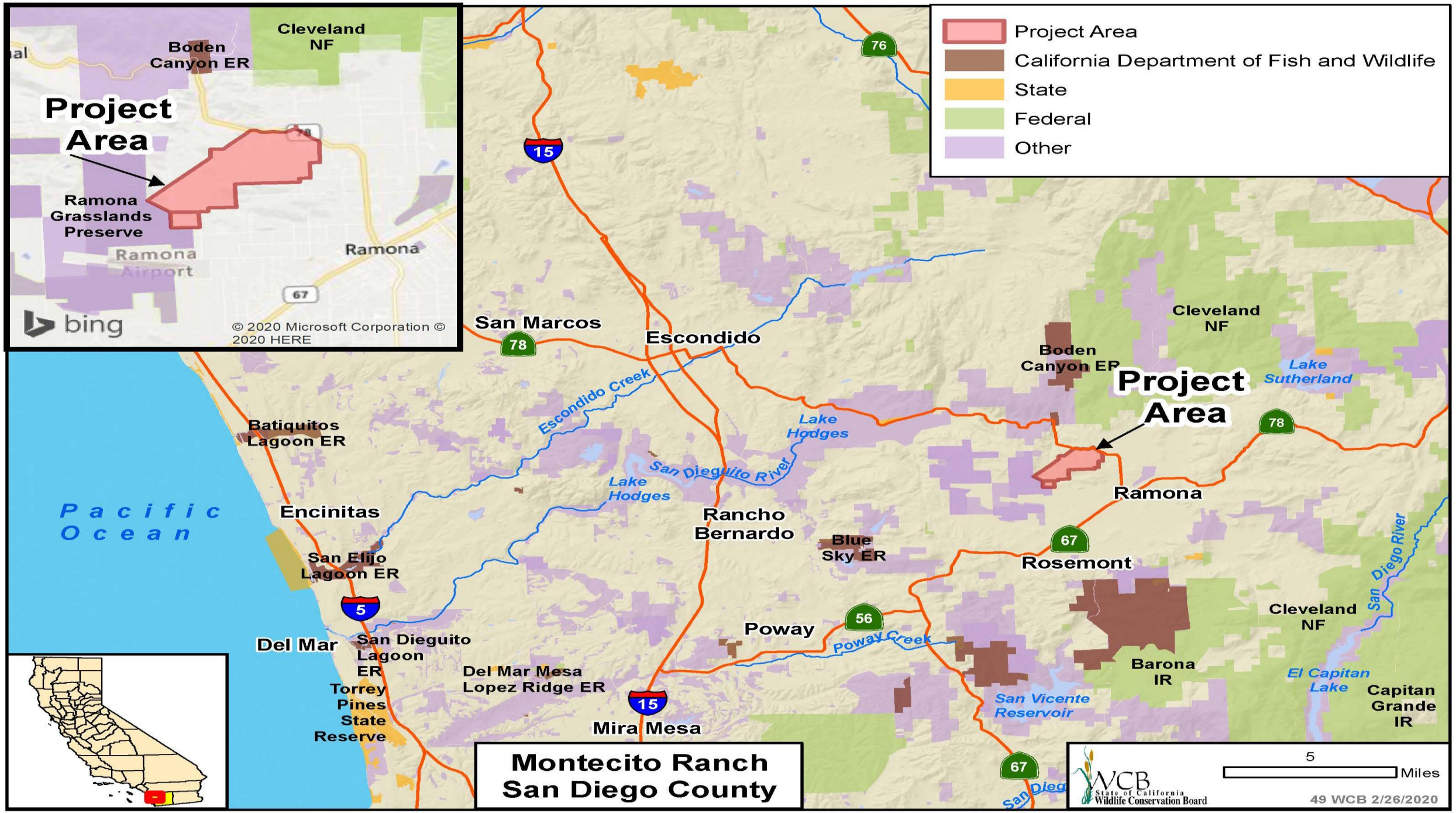
Seasonal creek drains from the north to the southwest through the western portion of the Property.

48. Chino Hills (Eastbridge)

Typical property view looking northwest.

48. Chino Hills (Eastbridge)

Scenic higher elevation view looking south across the Property.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Ramona Grasslands Preserve
Boden Canyon ER
Cleveland NF
Ramona Airport
Ramona
bing
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Project Area
San Marcos
Escondido
Escondido Creek
Lake Hodges
San Dieguito River
Batiquitos Lagoon ER
Encinitas
San Elijo Lagoon ER
Pacific Ocean
Del Mar
San Dieguito Lagoon ER
Torrey Pines State Reserve
Del Mar Mesa Lopez Ridge ER
Mira Mesa
Rancho Bernardo
Blue Sky ER
Poway
Poway Creek
San Vicente Reservoir
Ramona
Rosemont
Barona IR
Cleveland NF
San Diego River
El Capitan Lake
Capitan Grande IR
Lake Sutherland
Montecito Ranch
San Diego County
WCB State of California Wildlife Conservation Board
5 Miles
49 WCB 2/26/2020

49. Montecito Ranch

View to the north of open space grasslands from a central location on the Property.

49. Montecito Ranch

View to the east of open space grasslands on an eastern portion of the property.

49. Montecito Ranch

Oak Woodlands and grasslands on an eastern slope of the property.

49. Montecito Ranch

Open space grasslands on the western portion of the property.

49. Montecito Ranch

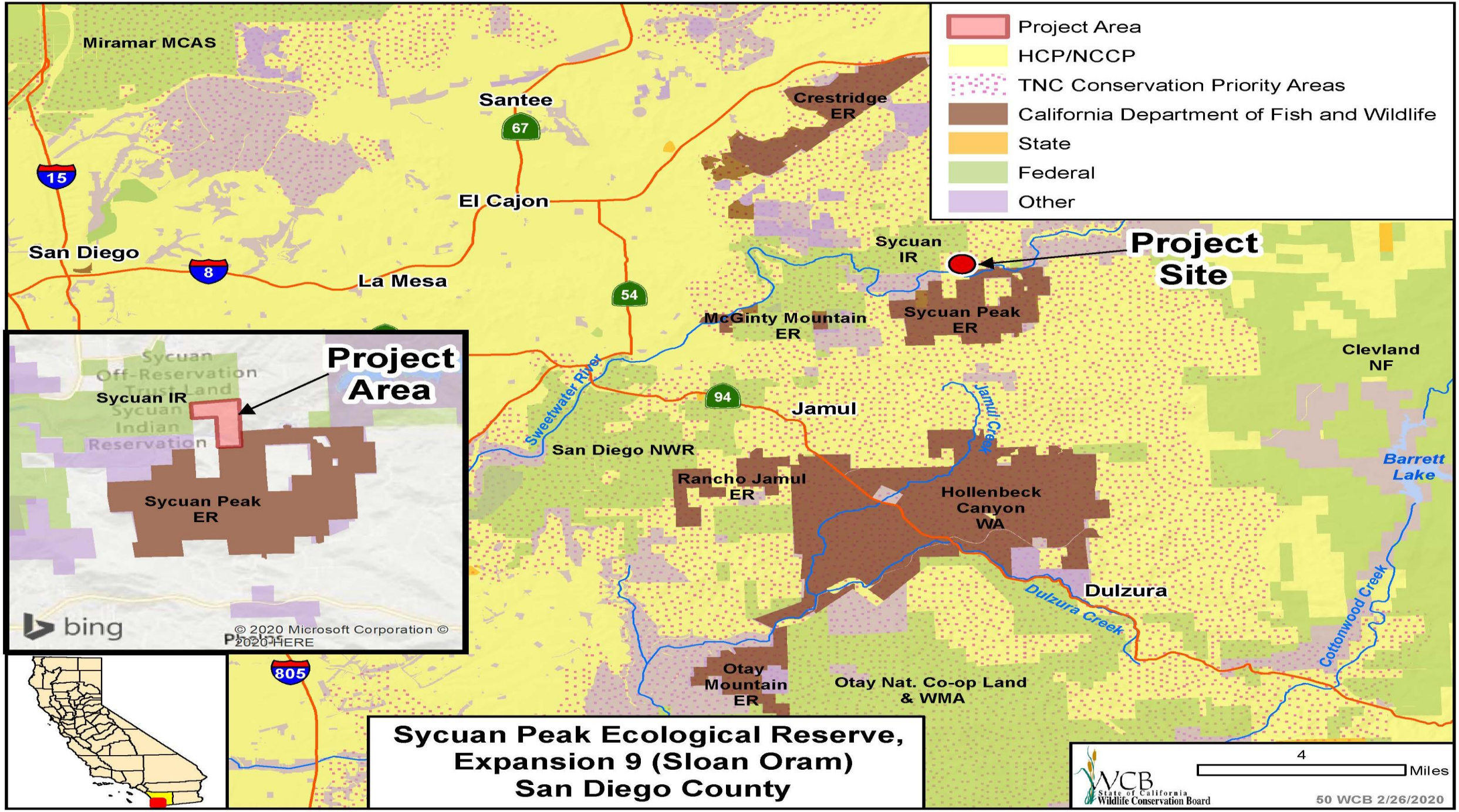
Oak woodlands and grasslands on the eastern portion of the property.

49. Montecito Ranch

View to the north of open space grasslands with rural homesites on a portion of the northern boundary of the property.

49. Montecito Ranch

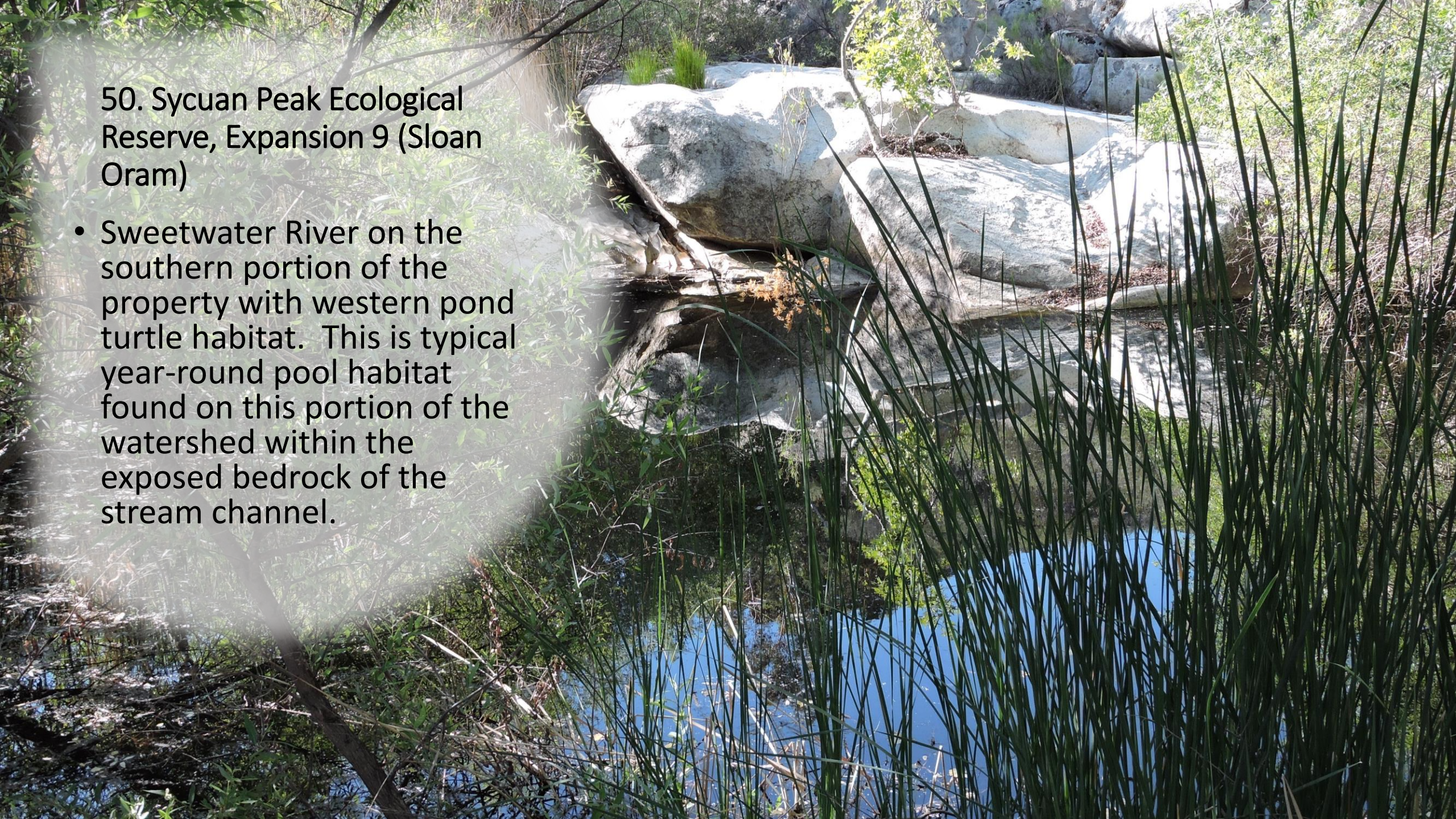
Westerly view of grasslands on an eastern portion of the property.



Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram) San Diego County

50. Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram)

- View to the west, showing Sweetwater River riparian corridor and coastal sage scrub habitats.
- Photo credit to Ann Van Leer, President of Land Conservation Brokerage, Inc.



50. Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram)

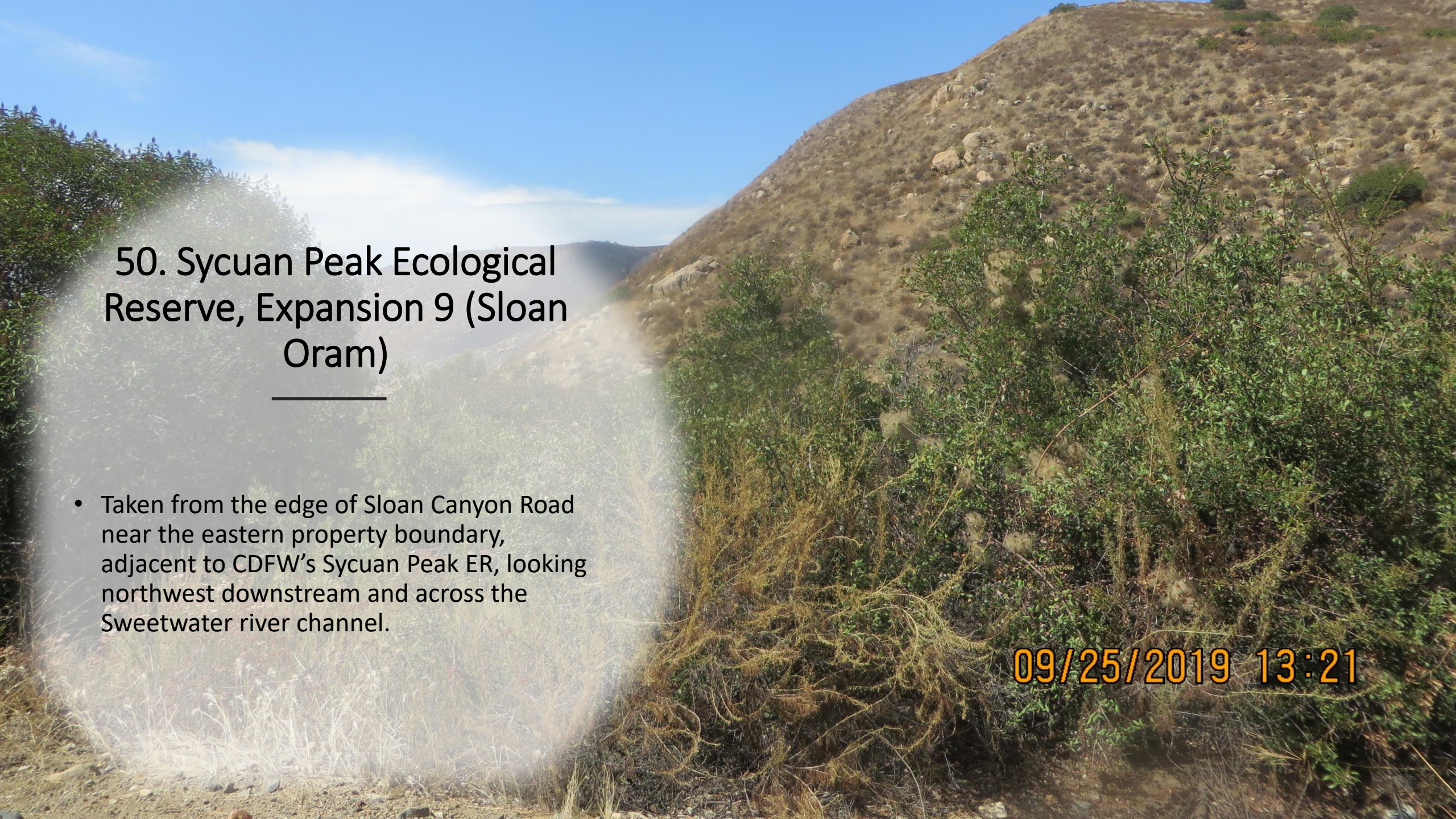
- Sweetwater River on the southern portion of the property with western pond turtle habitat. This is typical year-round pool habitat found on this portion of the watershed within the exposed bedrock of the stream channel.

50. Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram)

Taken from the southern portion of the property looking north-northeast.

50. Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram)

Taken from the southern portion of the property looking north-northwest.

50. Sycuan Peak Ecological Reserve, Expansion 9 (Sloan Oram)

- Taken from the edge of Sloan Canyon Road near the eastern property boundary, adjacent to CDFW's Sycuan Peak ER, looking northwest downstream and across the Sweetwater river channel.