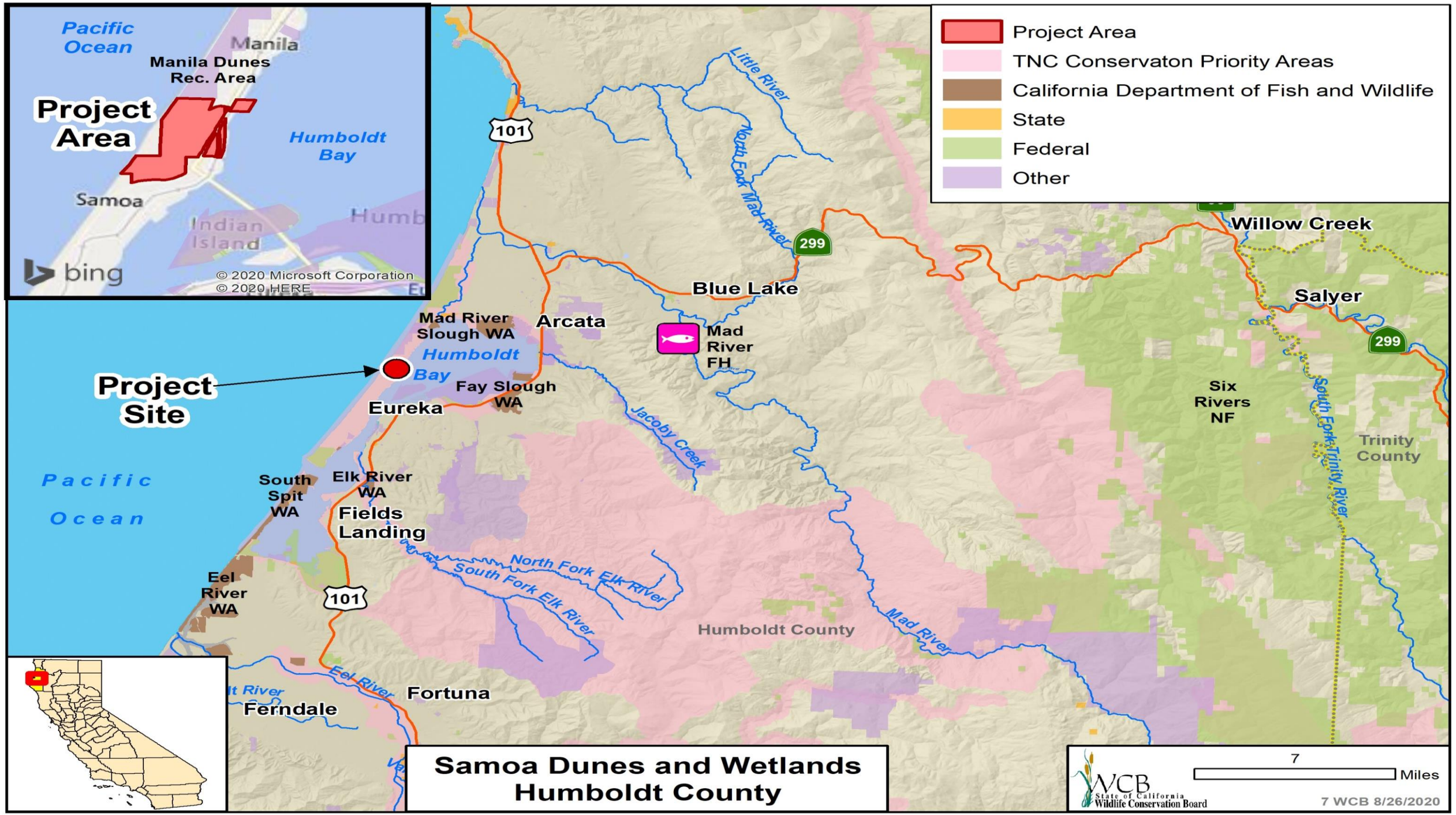
Wildlife Conservation Board Meeting
August 26, 2020


Project Area
TNC Conservaton Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Pacific Ocean
Manila
Manila Dunes Rec. Area
Project Area
Humboldt Bay
Samoa
Indian Island
bing
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Project Site
Pacific Ocean
Mad River Slough WA
Arcata
Humboldt Bay
Fay Slough WA
Eureka
Mad River FH
Blue Lake
Little River
North Fork Mad River
101
299
Willow Creek
Salyer
Six Rivers NF
South Fork Trinity River
Trinity County
Jacoby Creek
South Spit WA
Elk River WA
Fields Landing
North Fork Elk River
South Fork Elk River
Eel River WA
Humboldt County
Mad River
Eel River
Fortuna
Ferndale
Samoa Dunes and Wetlands
Humboldt County
7
Miles
WCB State of California Wildlife Conservation Board
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7. Samoa Dunes and Wetlands

Slide 1

The property and surrounding area provide a large block of complementary coastal habitats.

Humboldt Bay wallflower (*Erysimum menziesii ssp. Eurekense*): FE/SE

Beach layia (*Layia carnosa*): FE/SE

Humboldt Bay Owl's clover (*Castilleja ambigua ssp. Humboldtiensis*): 1B.2

Dark-eyed gilia (*Gilia millefoliata*): 1B.1

Pink sand-verbena (Abronia umbellata var. breviflora): 1B.1

Point Reyes bird's beak (*Cordylanthus maritimus*): 1B.2

*1B: Rare or endangered in CA and elsewhere

7. Samoa Dunes and Wetlands
Slide 2

- Resources at risk, California rare plants.

7. Samoa Dunes and Wetlands

Slide 3

Habitat found on the Property includes wetlands, open dunes, and coniferous forest.

7. Samoa Dunes and Wetlands

Slide 4

Mature coastal coniferous forests in the Property's uplands include Sitka spruce trees, Beach pines, and stands of Douglas fir.

7. Samoa Dunes and Wetlands

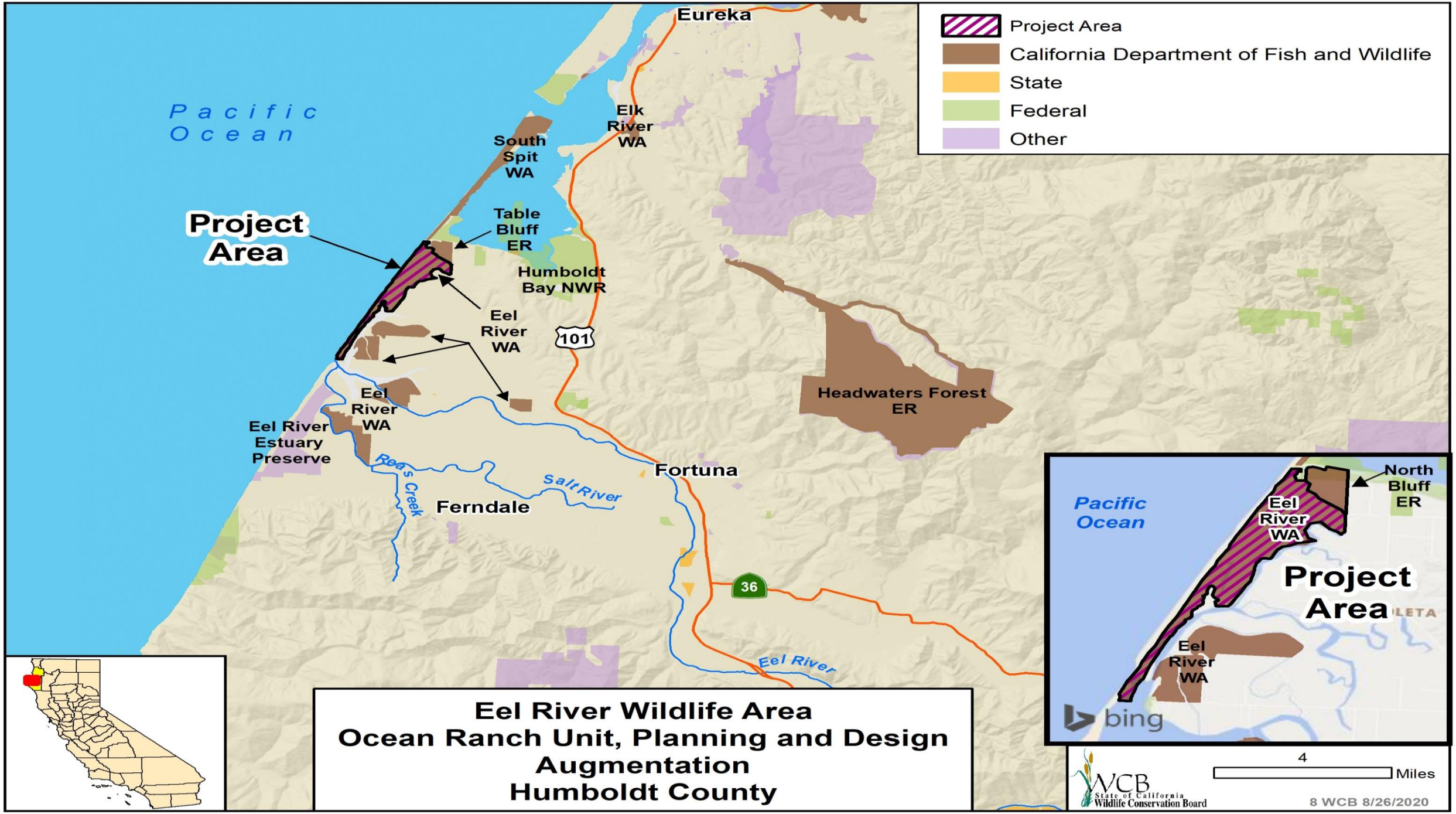
Slide 5

Dunes on the property provide wildlife habitat and groundwater recharge.

7. Samoa Dunes and Wetlands

Slide 6

If approved, the Project would add to nearly 1,300 acres of contiguous publicly protected dunes along a 3-mile stretch of the coast.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Pacific Ocean
Eureka
Elk River WA
South Spit WA
Table Bluff ER
Project Area
Humboldt Bay NWR
Eel River WA
101
Headwaters Forest ER
Eel River WA
Eel River Estuary Preserve
Rea's Creek
Salt River
Ferndale
Fortuna
36
Eel River
Pacific Ocean
North Bluff ER
Eel River WA
Project Area
Eel River WA
bing
Eel River Wildlife Area
Ocean Ranch Unit, Planning and Design
Augmentation
Humboldt County
4
Miles
WCB State of California Wildlife Conservation Board
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8. Eel River Wildlife Area, Ocean Ranch Unit, Planning and Design, Augmentation

Slide 1

The current public access road to the Ocean Ranch Unit of the Eel River Wildlife Area.

8. Eel River Wildlife Area, Ocean Ranch Unit, Planning and Design, Augmentation

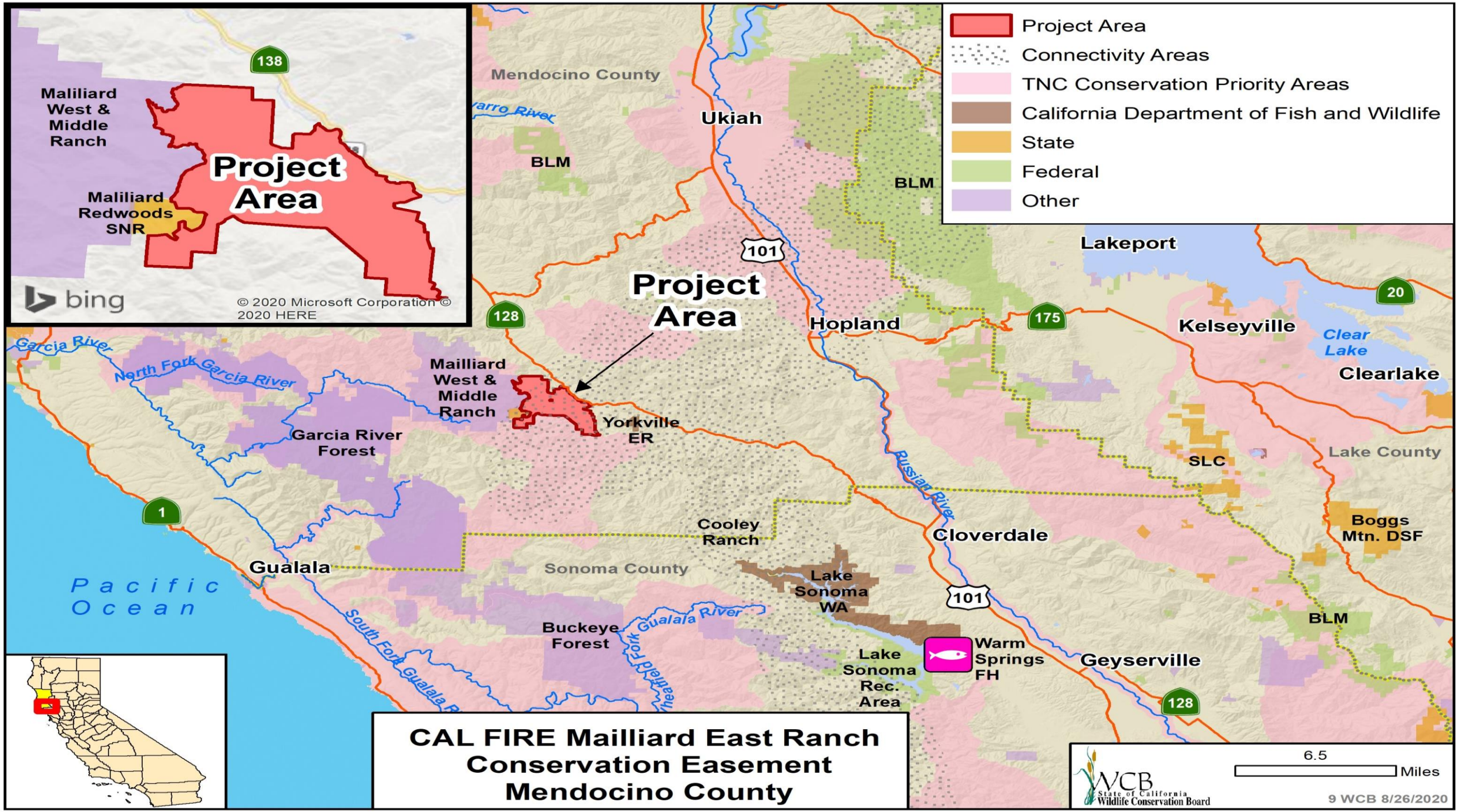
Slide 2

- The northeast corner of the tidal restoration area (left).
- An internal channel showing dunes in the background and the extent of *Spartina* invasion in the foreground (right).

8. Eel River Wildlife Area, Ocean Ranch Unit, Planning and Design, Augmentation

Slide 3

The tidal restoration will be fully designed and planned through this project phase.


Project Area
Connectivity Areas
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Maliliard West & Middle Ranch
Maliliard Redwoods SNR
Project Area
© 2020 Microsoft Corporation © 2020 HERE
Mendocino County
Ukiah
BLM
Project Area
Hopland
Lakeport
Kelseyville
Clearlake
Clear Lake
Lake County
Mailliard West & Middle Ranch
Yorkville ER
Garcia River Forest
Garcia River
North Fork Garcia River
Russian River
SLC
Cooley Ranch
Cloverdale
Boggs Mtn. DSF
Gualala
Sonoma County
Lake Sonoma WA
Buckeye Forest
South Fork Gualala River
Warm Springs FH
Lake Sonoma Rec. Area
Geyserville
Pacific Ocean
CAL FIRE Mailliard East Ranch Conservation Easement
Mendocino County
6.5
Miles
WCB State of California Wildlife Conservation Board
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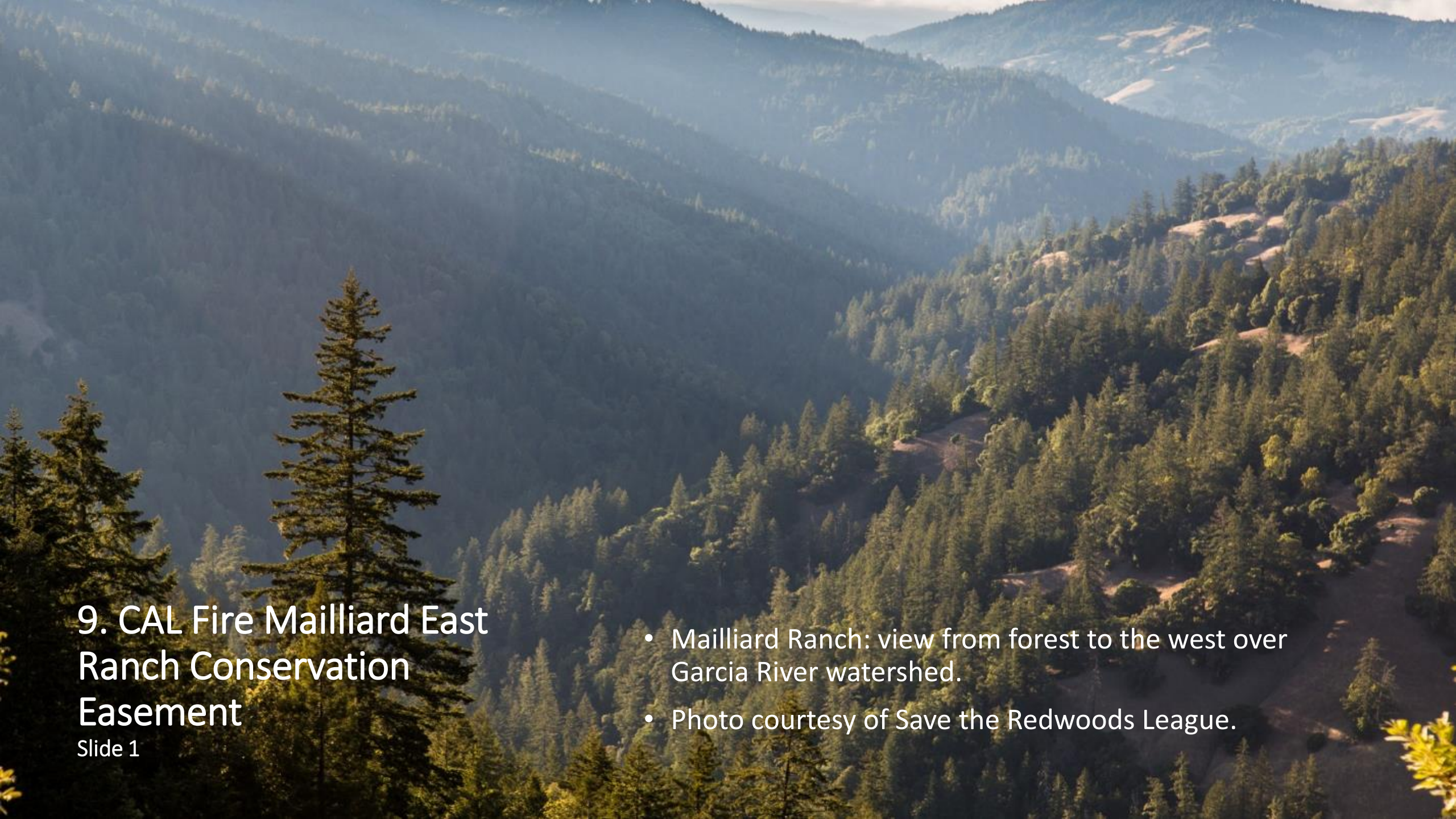


9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 1

- Mailliard Ranch: view from forest to the west over Garcia River watershed.
- Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 2

- Mailliard East: old growth forest along trail. Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 3

- Mailliard East Ranch: grassland and redwood forest. Photo courtesy of Save the Redwoods League

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 4

Mailliard Cathedral Grove. Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 5

- Mailliard Cathedral Grove. Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 6

Mailliard: stream with native Western Azalea growing over it. Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

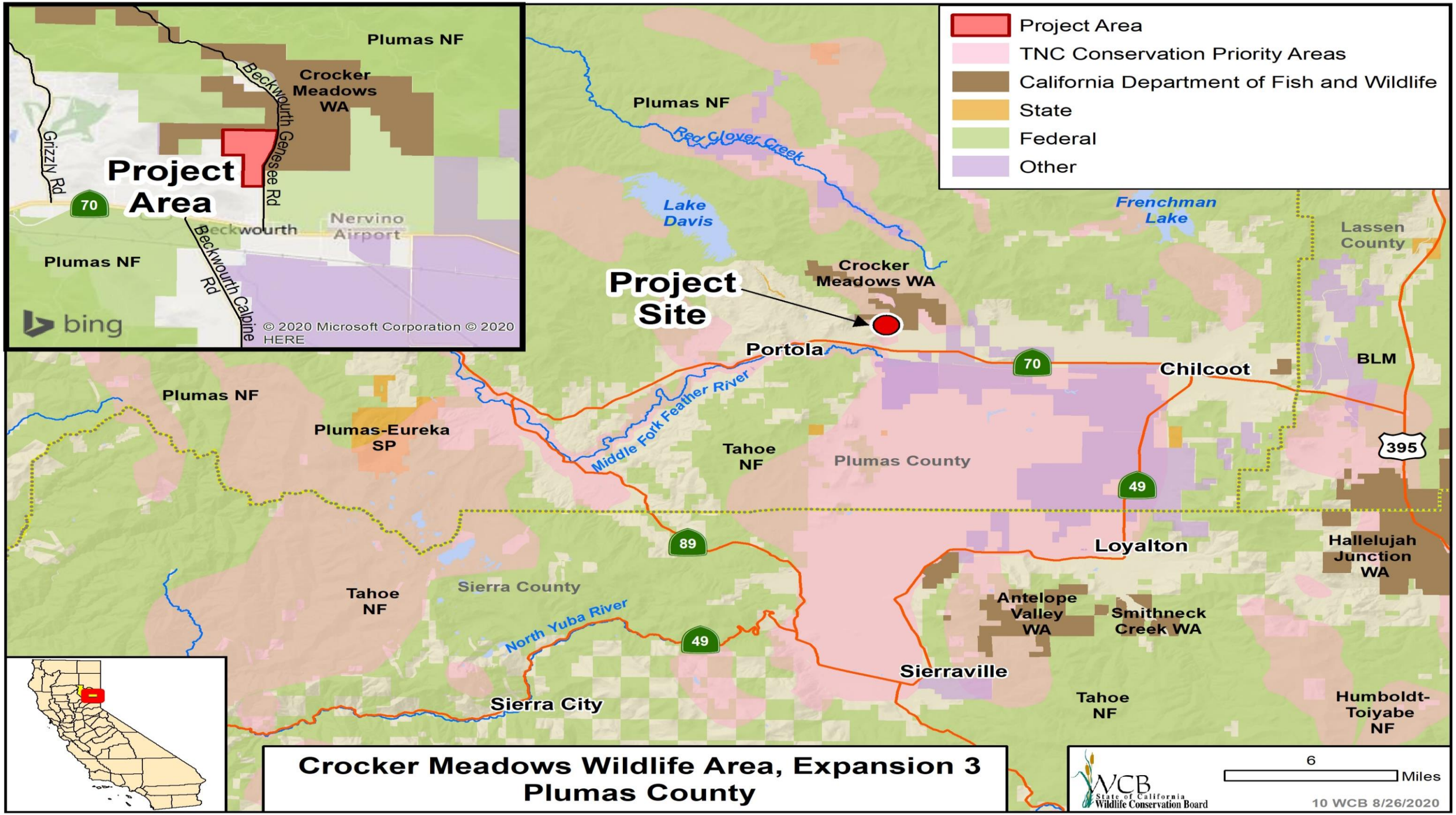
Slide 7

- Mailliard East Ranch and its Old Growth redwoods. Photo courtesy of Save the Redwoods League.

9. CAL Fire Mailliard East Ranch Conservation Easement

Slide 8

Mailliard East Ranch and Old Growth redwoods. Photo courtesy of Save the Redwoods League.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TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Plumas NF
Crocker Meadows WA
Beckwourth Genesee Rd
Grizzly Rd
70
Beckwourth
Nervino Airport
Beckwourth Calpine Rd
Plumas NF
bing
© 2020 Microsoft Corporation © 2020 HERE
Plumas NF
Red Clover Creek
Lake Davis
Frenchman Lake
Lassen County
Project Site
Crocker Meadows WA
Portola
70
Chilcoot
BLM
Plumas NF
Middle Fork Feather River
Plumas-Eureka SP
Tahoe NF
Plumas County
395
49
89
Loyalton
Hallelujah Junction WA
Tahoe NF
Sierra County
North Yuba River
Antelope Valley WA
Smithneck Creek WA
49
Sierraville
Sierra City
Tahoe NF
Humboldt-Toiyabe NF
Crocker Meadows Wildlife Area, Expansion 3
Plumas County
WCB State of California Wildlife Conservation Board
6
Miles
10 WCB 8/26/2020

10. Crocker Meadows Wildlife, Expansion 3

Slide 1

From northeast corner looking west.

10. Crocker Meadows Wildlife Area, Expansion 3

Slide 2

From northeast corner looking southwest.

10. Crocker Meadows Wildlife Area, Expansion 3

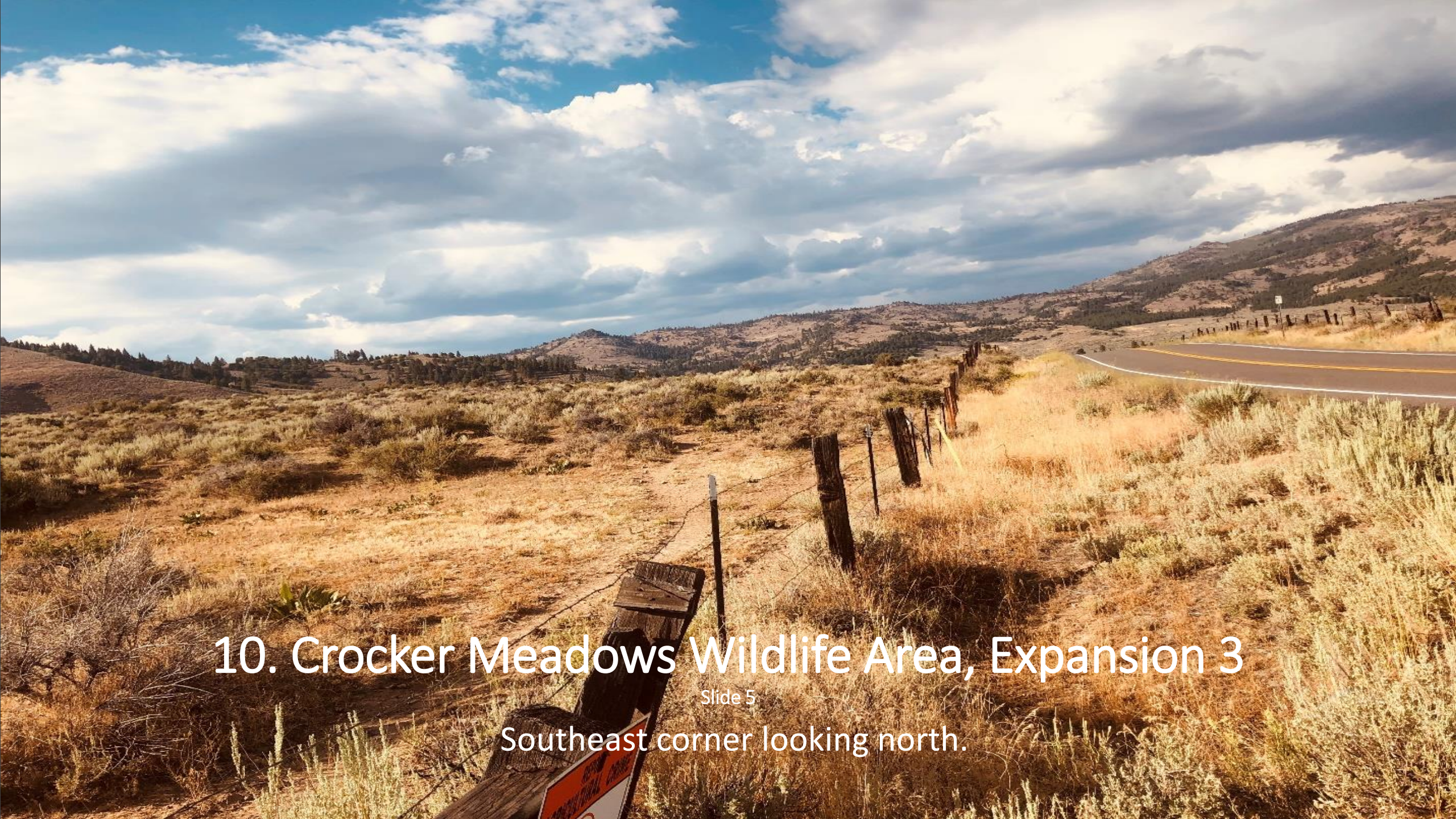
Slide 3

Eastern border looking west.

10. Crocker Meadows Wildlife, Expansion 3

Slide 4

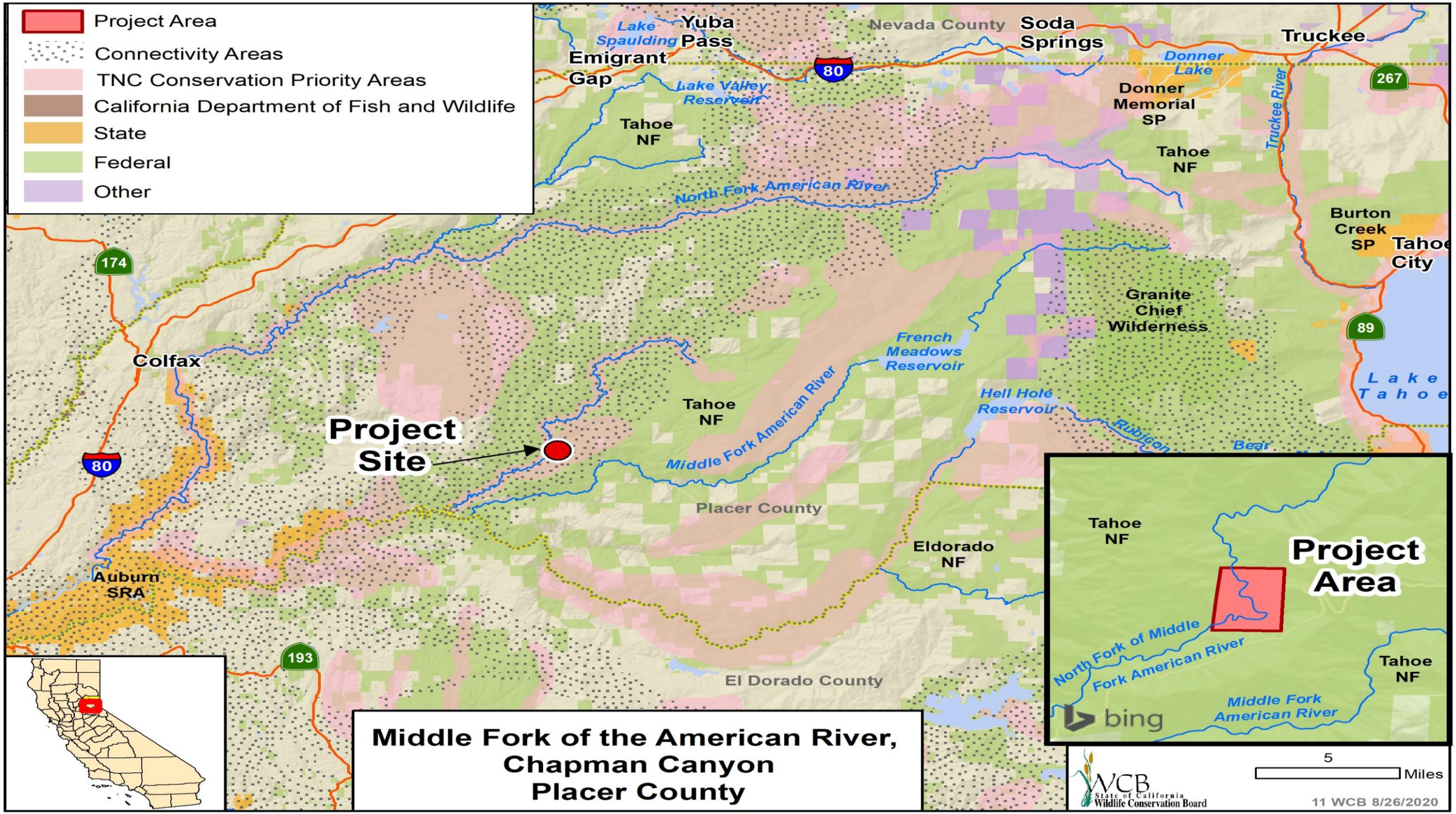
Southeast corner looking west at southern fence line.



10. Crocker Meadows Wildlife Area, Expansion 3

Slide 5

Southeast corner looking north.



Middle Fork of the American River, Chapman Canyon Placer County

11. Middle Fork of American River, Chapman Canyon

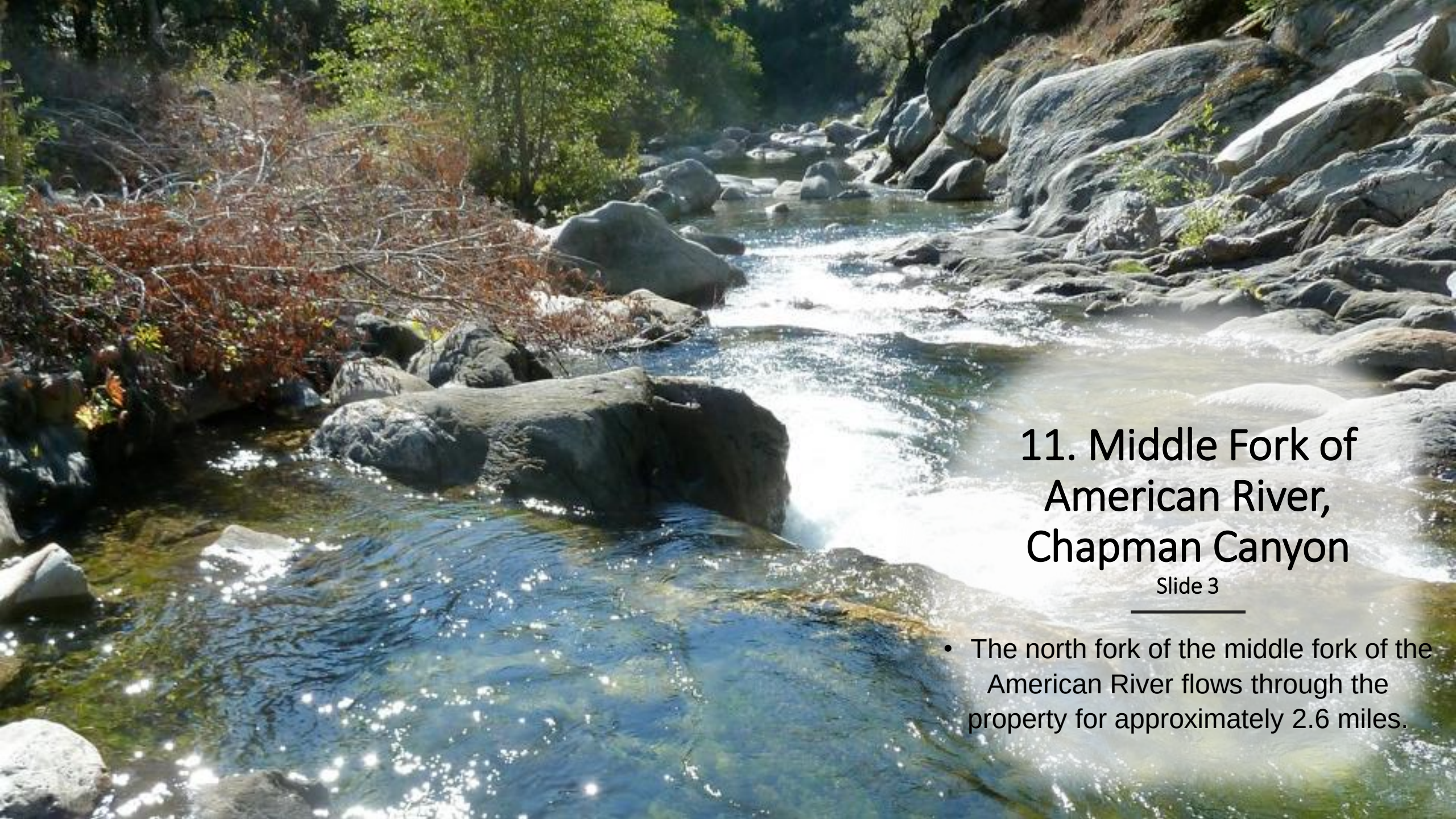
Slide 1

View of Chapman Canyon from Mosquito Ridge road.

11. Middle Fork of American River, Chapman Canyon

Slide 2

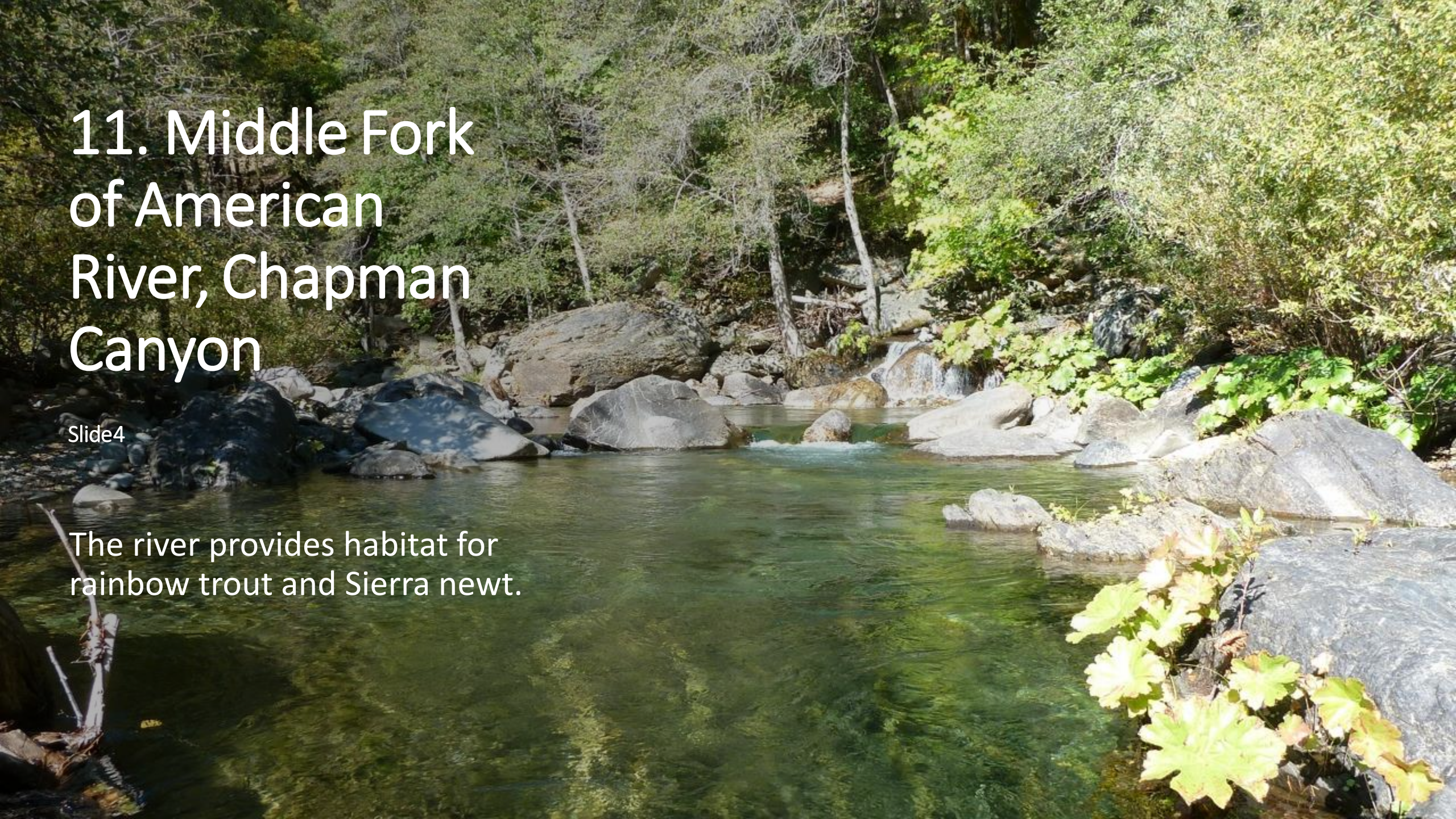
- View of subject property from Middle Fork of American River.



11. Middle Fork of American River, Chapman Canyon

Slide 3

- The north fork of the middle fork of the American River flows through the property for approximately 2.6 miles.



11. Middle Fork of American River, Chapman Canyon

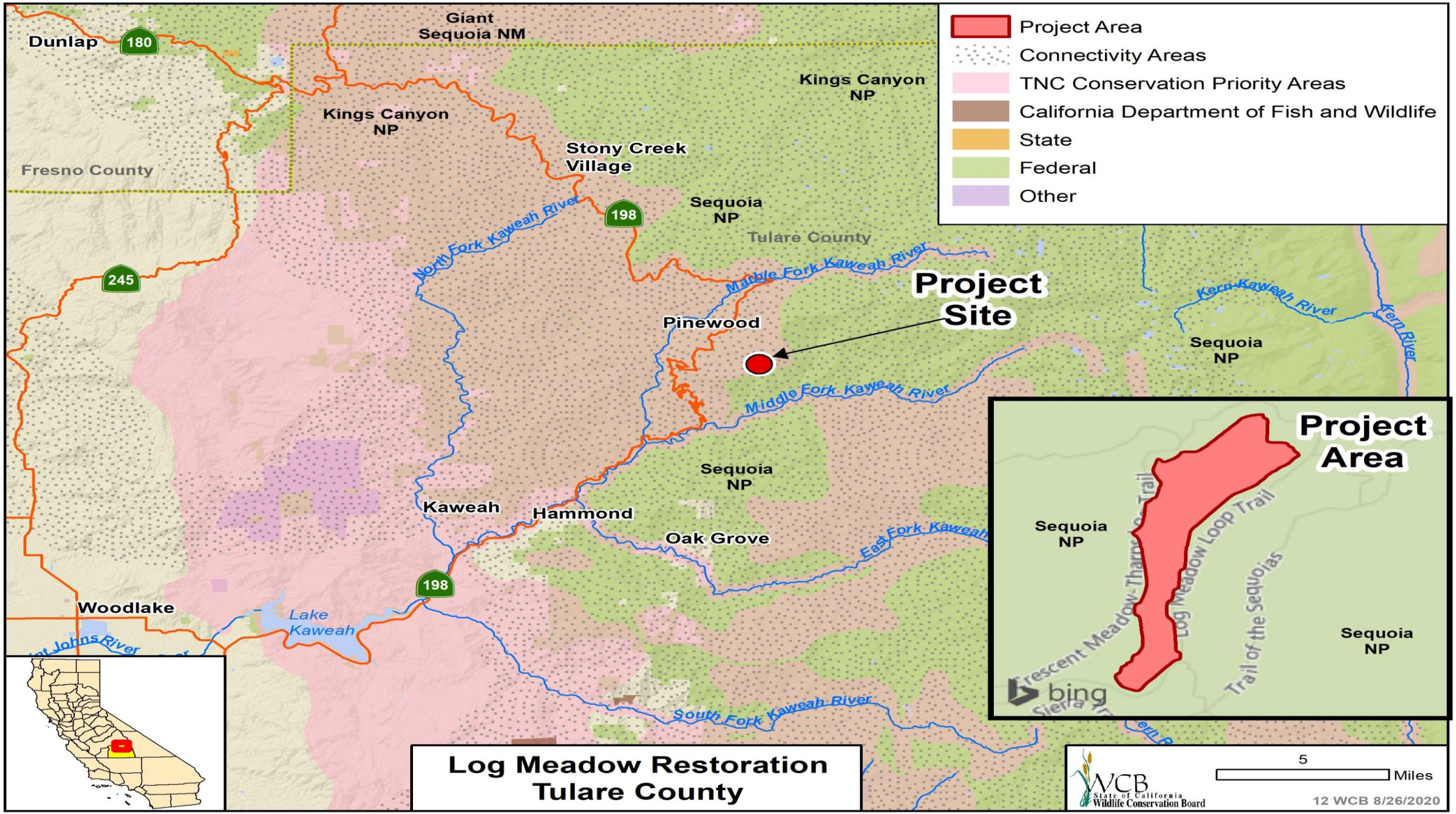
Slide4

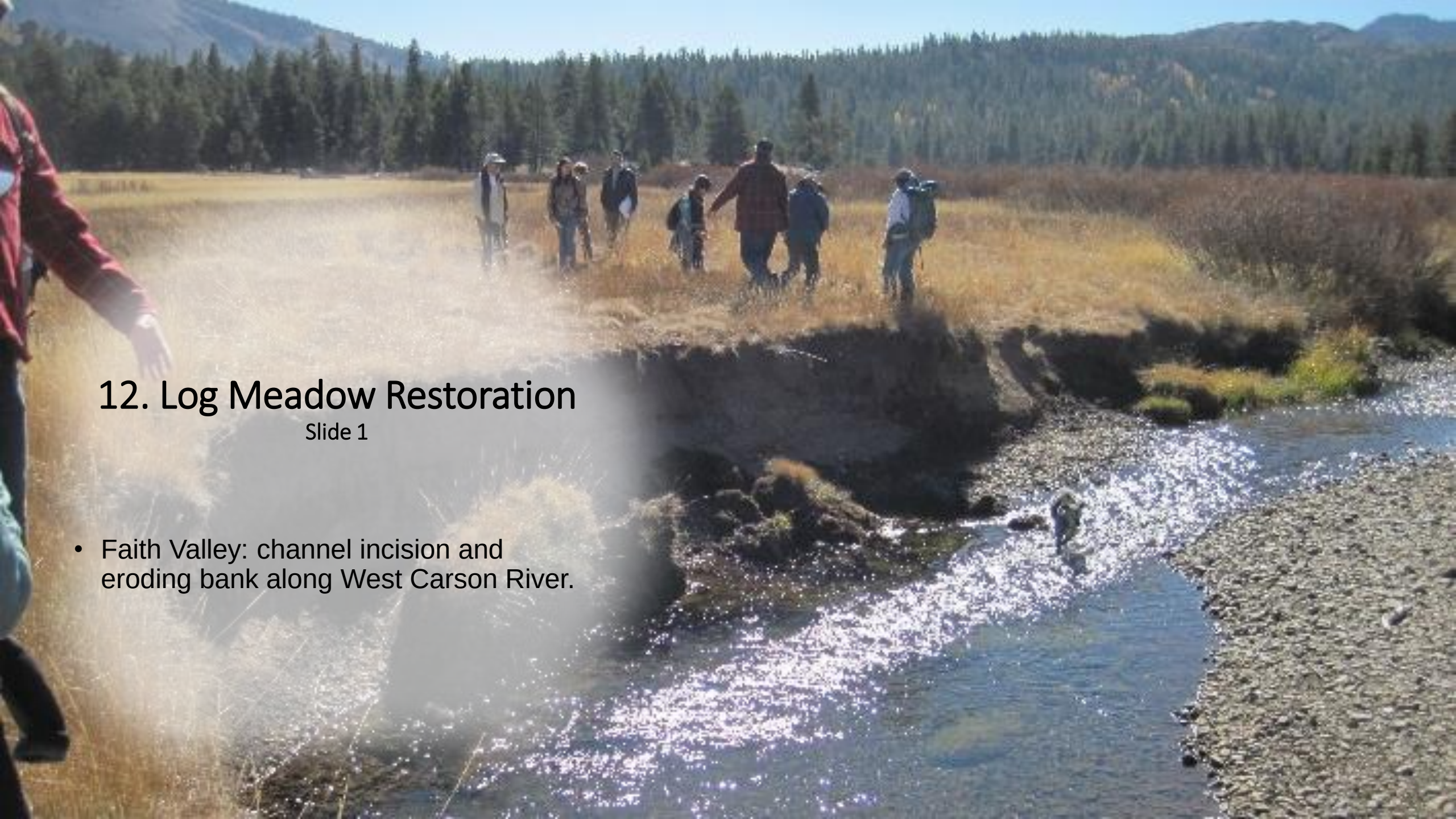
The river provides habitat for rainbow trout and Sierra newt.

11. Middle Fork of the American River, Chapman Canyon

Slide 5

- This small cabin will be demolished following acquisition of the property.


Project Area
Connectivity Areas
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Dunlap
180
Giant Sequoia NM
Kings Canyon NP
Fresno County
Stony Creek Village
198
Sequoia NP
Tulare County
North Fork Kaweah River
Marble Fork Kaweah River
245
Project Site
Pinewood
Kern-Kaweah River
Kern River
Middle Fork Kaweah River
Kaweah
Hammond
Oak Grove
East Fork Kaweah
Woodlake
Lake Kaweah
South Fork Kaweah River
Project Area
Crescent Meadow-Tharp's Log Trail
Log Meadow Loop Trail
Trail of the Sequoias
bing
Log Meadow Restoration
Tulare County
5
Miles
WCB
State of California
Wildlife Conservation Board
12 WCB 8/26/2020



12. Log Meadow Restoration

Slide 1

- Faith Valley: channel incision and eroding bank along West Carson River.

12. Log Meadow Restoration

Slide 2

- Faith Valley: eroding head cut stemming from channel incision.

12. Log Meadow Restoration Slide 3

- Faith Valley: entrenched section of the OHV route that captures and conveys winter flow.

12. Log Meadow Restoration

Slide 4

- Faith Valley: beaver dam at the downstream end of Faith Valley in 2016 that was maintaining a raised water table upstream.

12. Log Meadow Restoration

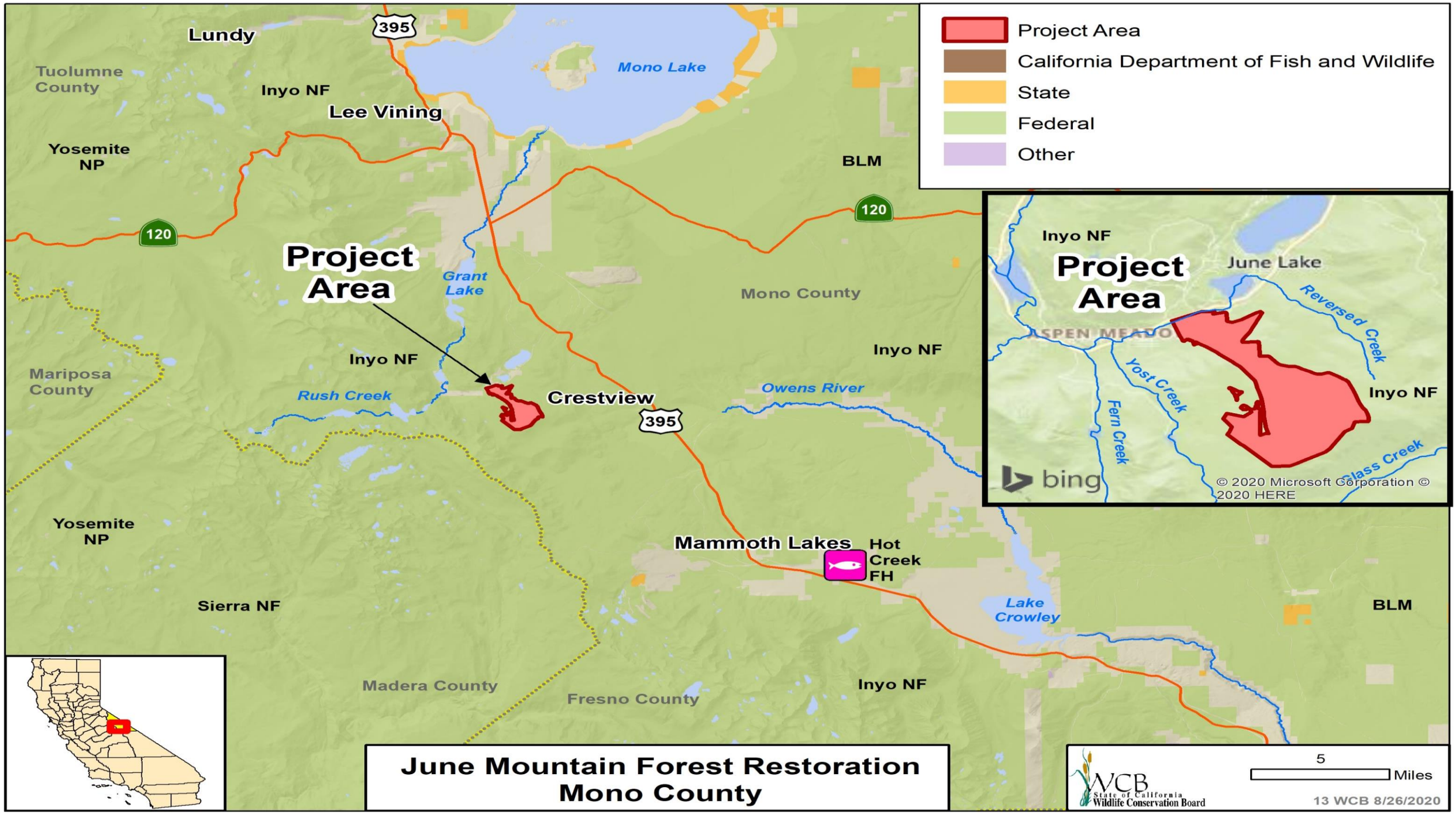
Slide 5

- Log Meadow: gully 350 feet long, up to 4 feet deep, and up to 8 feet wide.

12. Log Meadow Restoration

Slide 6

- Log Meadow: looking upstream at main channel incised into a near-level meadow.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Lundy
395
Tuolumne County
Inyo NF
Lee Vining
Mono Lake
Yosemite NP
BLM
120
Project Area
Grant Lake
Mono County
Inyo NF
Mariposa County
Rush Creek
Crestview
395
Owens River
Yosemite NP
Mammoth Lakes
Hot Creek FH
Sierra NF
Lake Crowley
BLM
Madera County
Fresno County
Inyo NF
Inyo NF
Project Area
June Lake
Reversed Creek
Yost Creek
Fern Creek
Inyo NF
Glass Creek
bing
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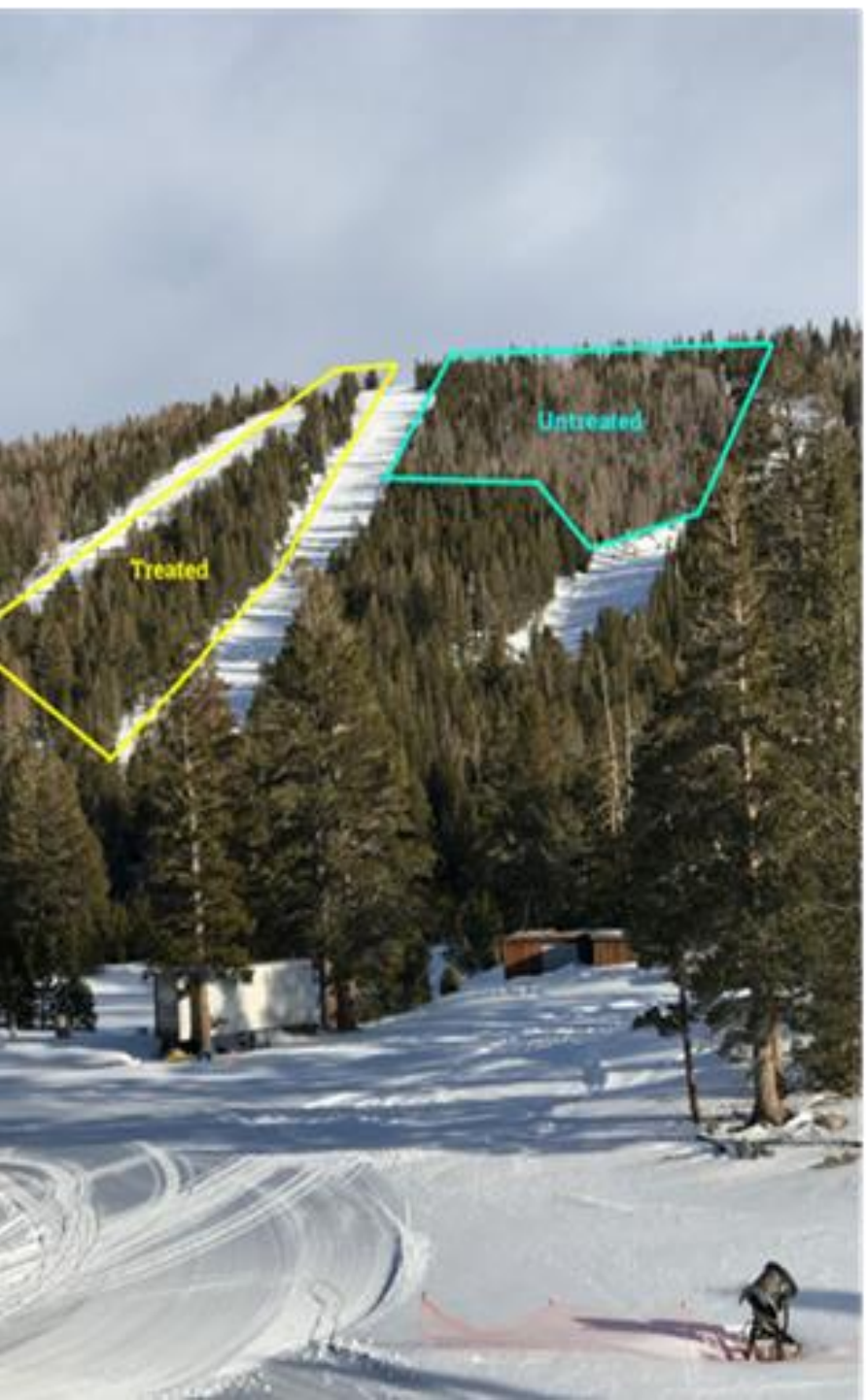
June Mountain Forest Restoration
Mono County
WCB State of California Wildlife Conservation Board
5
Miles
13 WCB 8/26/2020



13. June Mountain Forest Restoration

Slide 1

- Phase I of the June Mountain Fuels Reduction and Keystone System Restoration Project shown as “Treated” area, above.

13. June Mountain Forest Restoration

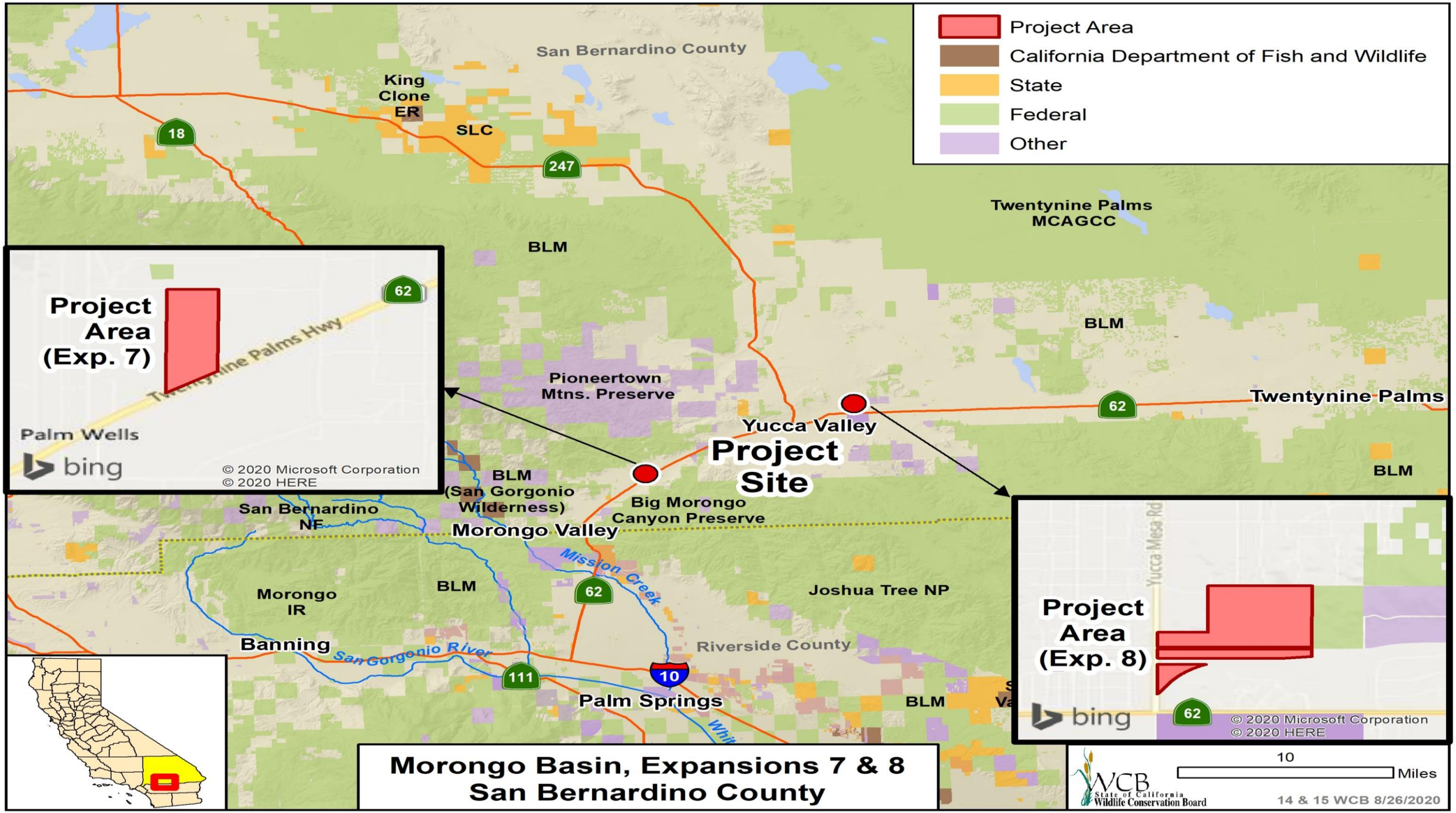
Slide 2

The irregular morphology of whitebark pine causes more accumulation of overloaded ground.

13. June Mountain Forest Restoration

Slide 3

Open Channel of Alder Creek.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
San Bernardino County
King Clone ER
SLC
18
247
Twentynine Palms MCAGCC
BLM
Project Area (Exp. 7)
62
Twentynine Palms Hwy
Palm Wells
bing
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Pioneertown Mtns. Preserve
Yucca Valley
Project Site
Twentynine Palms
BLM (San Gorgonio Wilderness)
Big Morongo Canyon Preserve
San Bernardino NF
Morongo Valley
Mission Creek
Morongo IR
Joshua Tree NP
Banning
San Gorgonio River
Riverside County
111
10
Palm Springs
Yucca Mesa Rd
Project Area (Exp. 8)
Morongo Basin, Expansions 7 & 8
San Bernardino County
10
Miles
WCB State of California Wildlife Conservation Board
14 & 15 WCB 8/26/2020

14. Morongo Basin, Expansion 7 (Bloom)

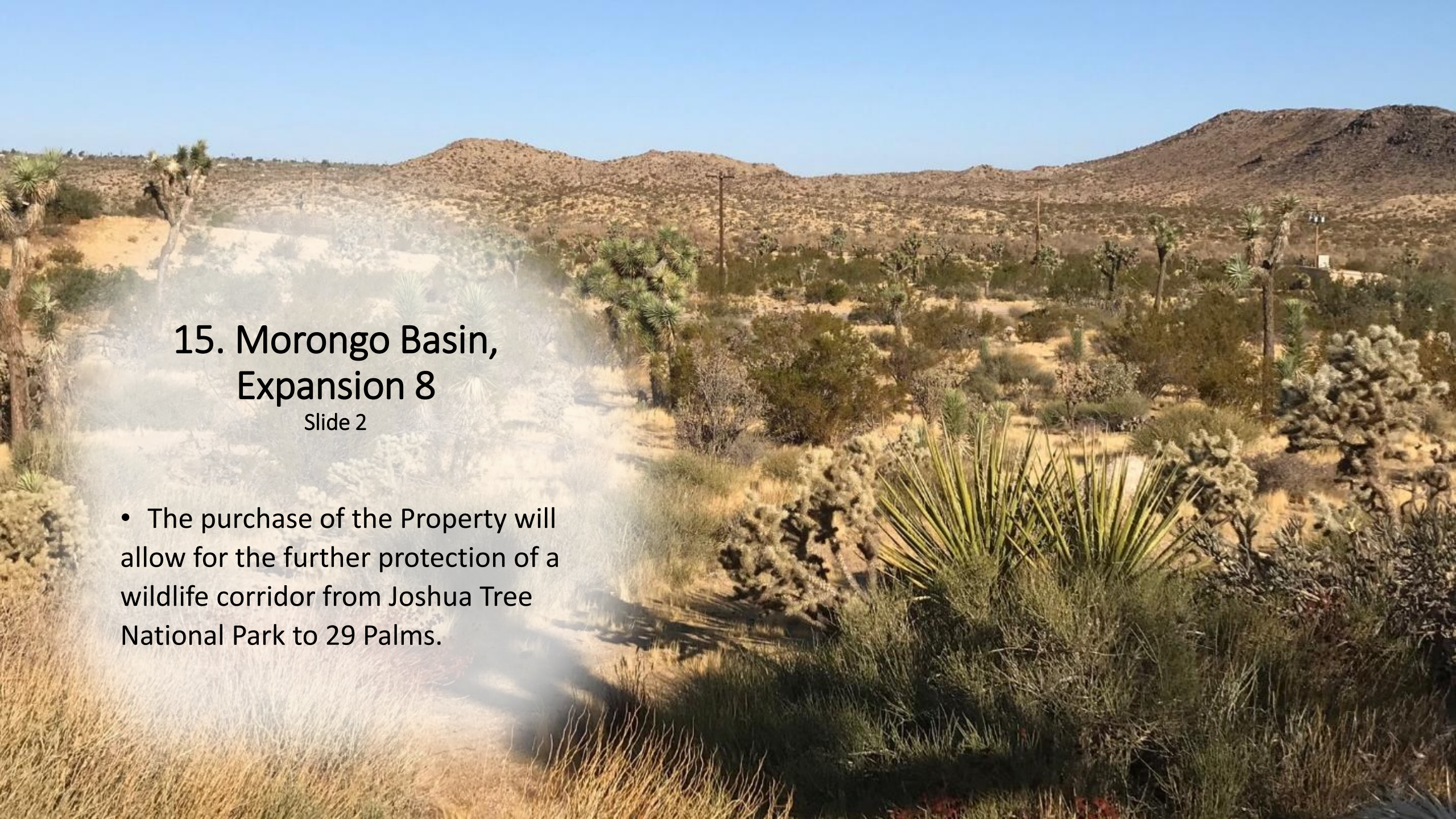
Slide 1

Typical habitat type on the Bloom property. Iodine brush, and Joshua Trees are common. Photo courtesy of Mojave Desert Land Trust, Chatel McKettrick.

15. Morongo Basin, Expansion 8

Slide 1

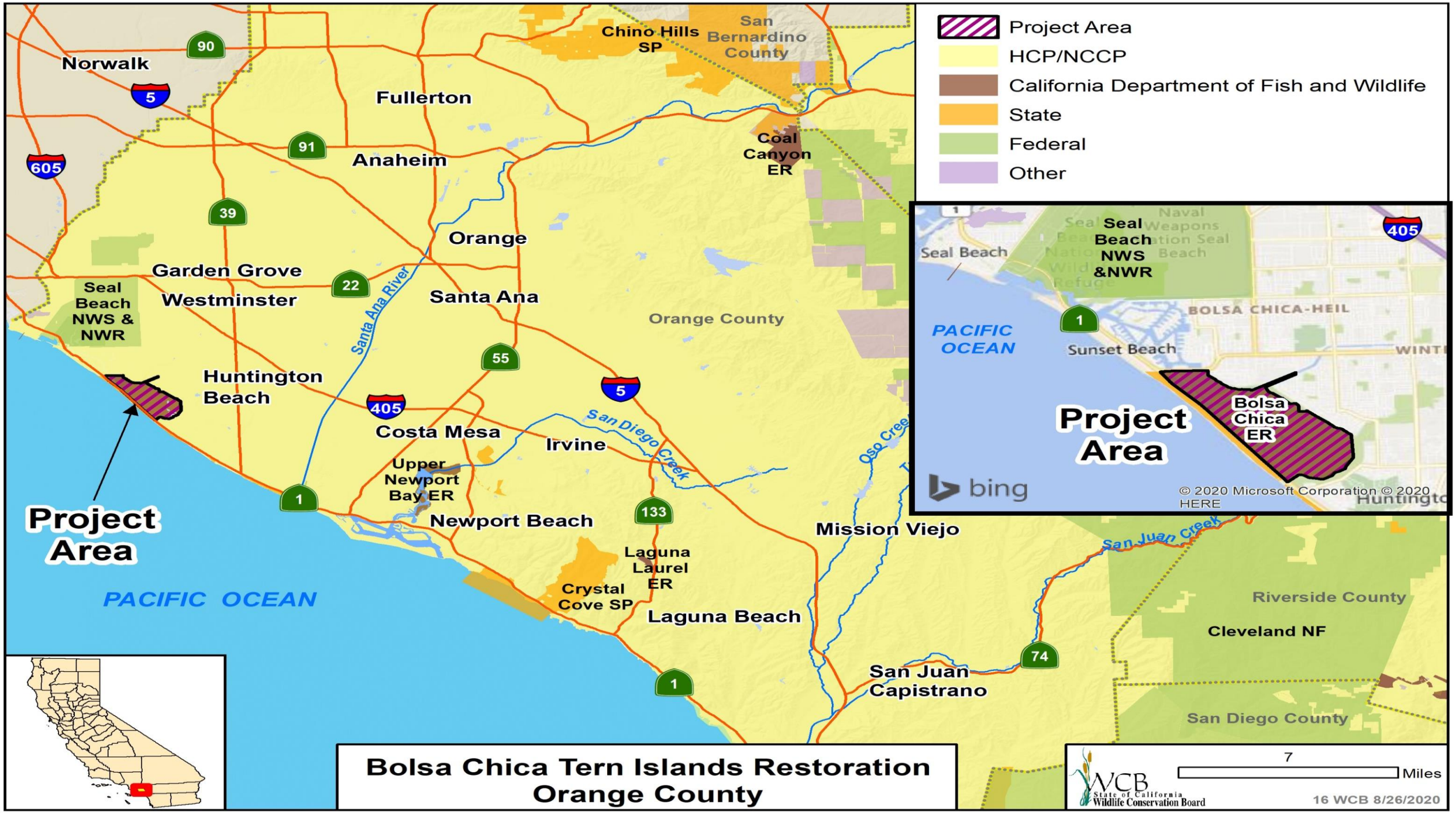
- Typical habitat type on the Morongo Basin Exp 8 (IMP) property. Joshua Trees and desert plants are common. Photo Courtesy of Mojave Desert Land Trust, Chatel McKettrick.



15. Morongo Basin, Expansion 8

Slide 2

- The purchase of the Property will allow for the further protection of a wildlife corridor from Joshua Tree National Park to 29 Palms.


Project Area
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
Norwalk
Fullerton
Anaheim
Chino Hills SP
San Bernardino County
Coal Canyon ER
Orange
Garden Grove
Westminster
Seal Beach NWS & NWR
Santa Ana
Santa Ana River
Orange County
Huntington Beach
Costa Mesa
Irvine
San Diego Creek
Upper Newport Bay ER
Newport Beach
Laguna Laurel ER
Crystal Cove SP
Laguna Beach
Mission Viejo
San Juan Creek
Riverside County
Cleveland NF
San Juan Capistrano
San Diego County
PACIFIC OCEAN
Project Area
Seal Beach
Seal Beach NWS &NWR
BOLSA CHICA-HEIL
Sunset Beach
Bolsa Chica ER
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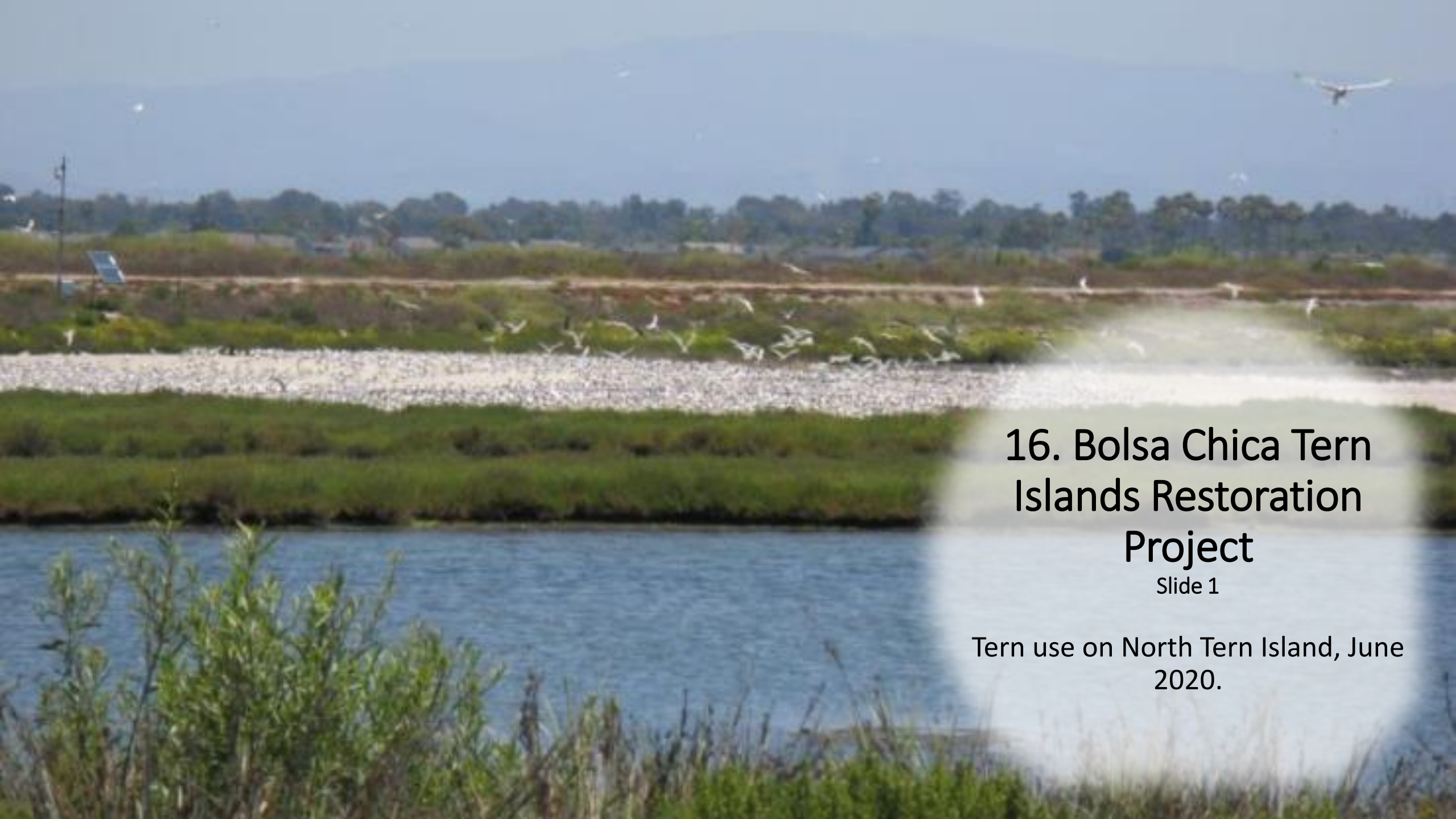
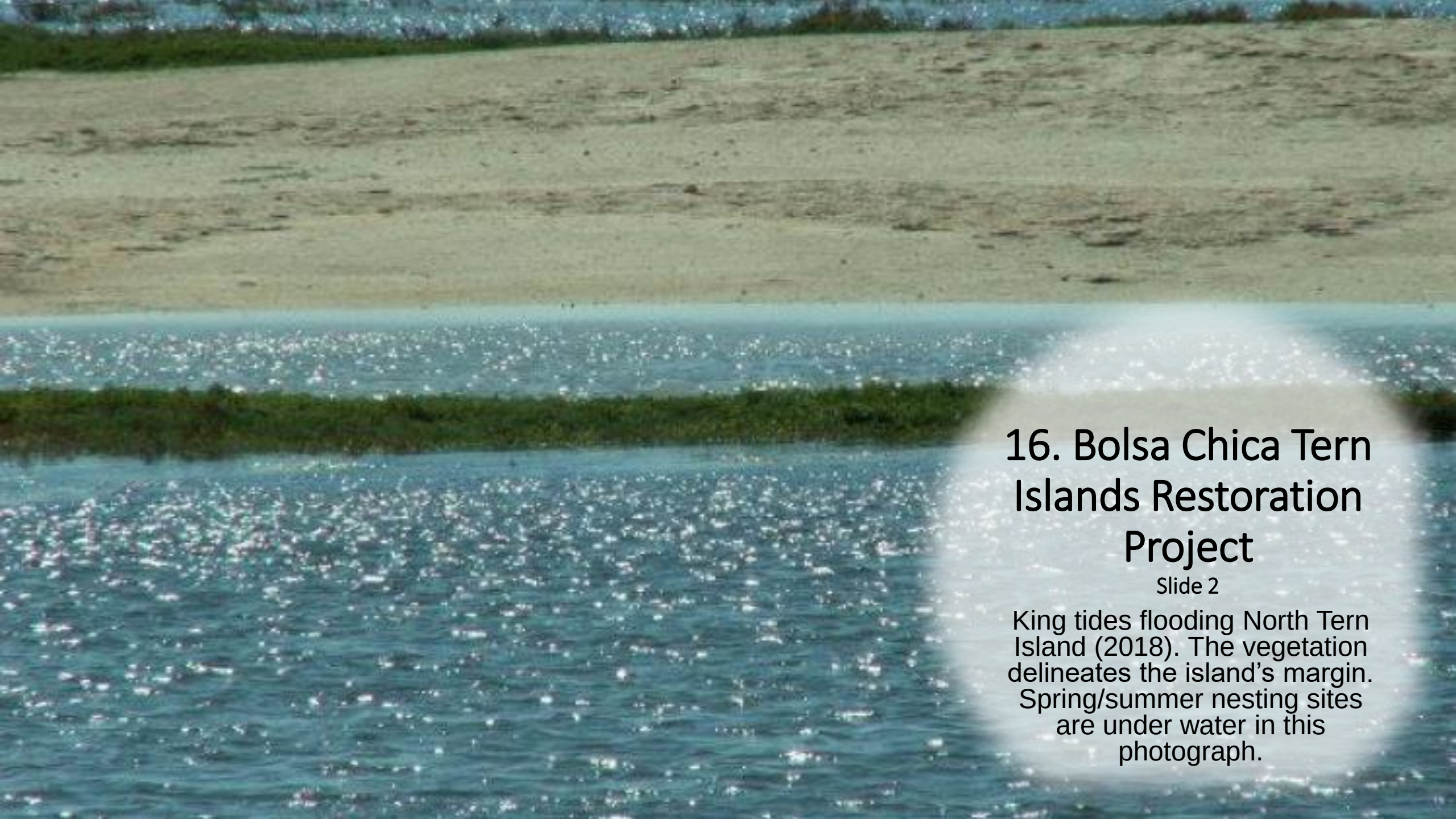
Bolsa Chica Tern Islands Restoration
Orange County
7
Miles
WCB State of California Wildlife Conservation Board
16 WCB 8/26/2020



16. Bolsa Chica Tern Islands Restoration Project

Slide 1

Tern use on North Tern Island, June 2020.



16. Bolsa Chica Tern Islands Restoration Project

Slide 2

King tides flooding North Tern Island (2018). The vegetation delineates the island's margin. Spring/summer nesting sites are under water in this photograph.

16. Bolsa Chica Tern Islands Restoration Project

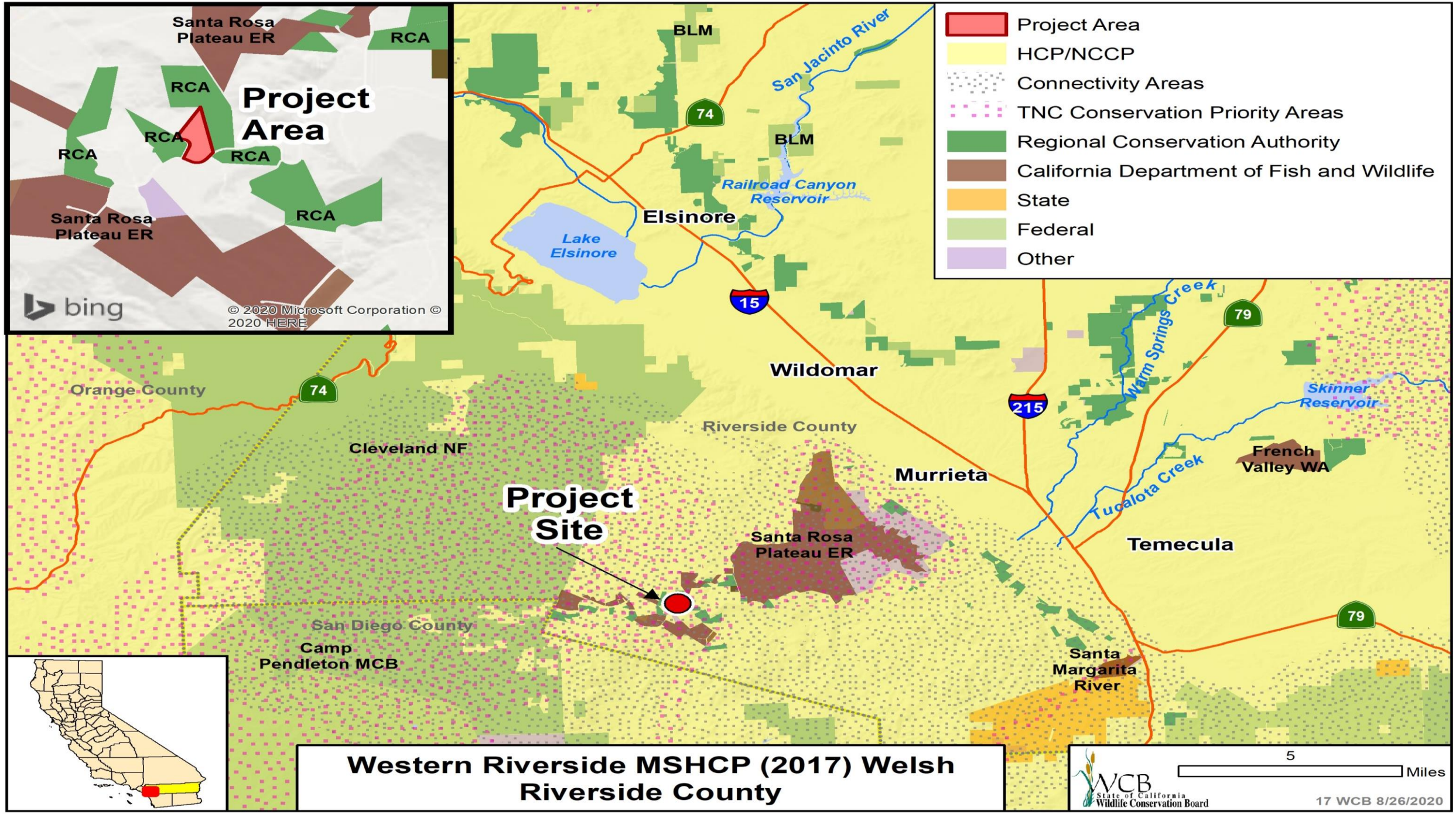
Slide 3

King tides flo0ding South Tern Island (2018).

16. Bolsa Chica Tern Islands Restoration Project

Slide 4

Tern use on South Tern Island, June 2020.


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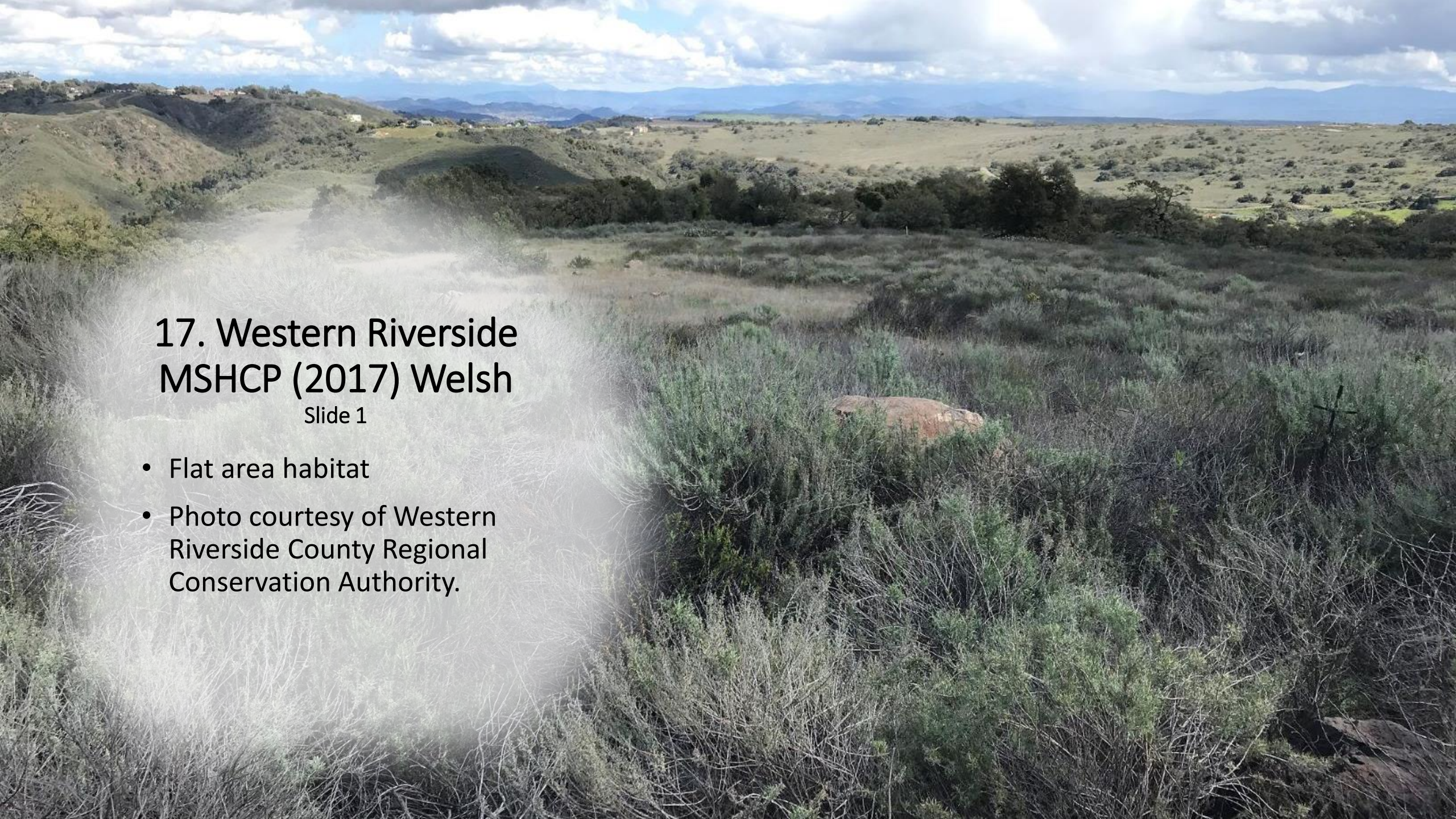


17. Western Riverside MSHCP (2017) Welsh

Slide 1

- Flat area habitat
- Photo courtesy of Western Riverside County Regional Conservation Authority.

17. Western Riverside MSHCP (2017) Welsh

Slide 2

- Hilly habitat
- Photo courtesy of Western Riverside County Regional Conservation Authority.

17. Western Riverside MSHCP (2017) Welsh

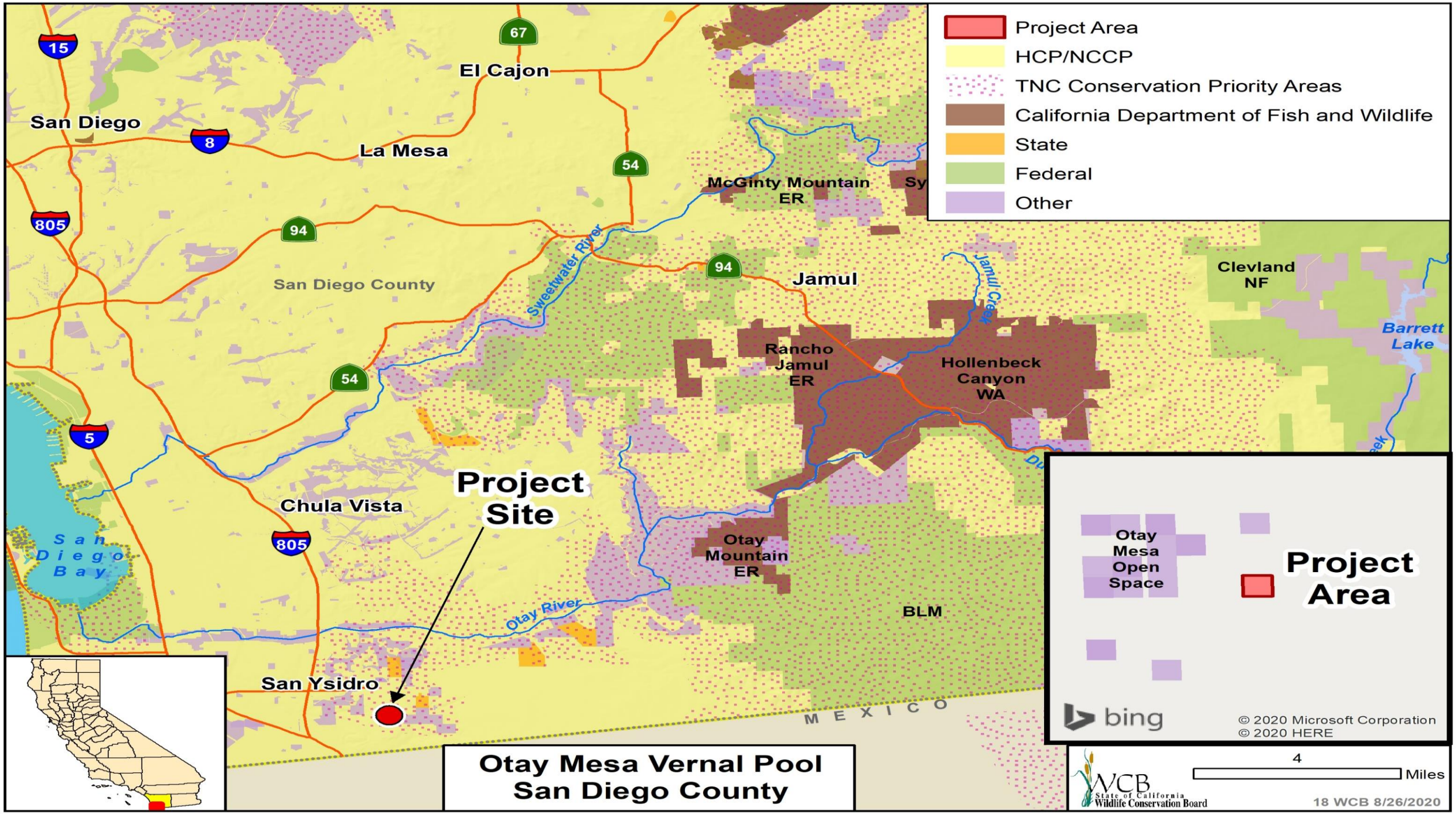
Slide 3

- On site pond
- Photo courtesy of Western Riverside County Regional Conservation Authority.

17. Western Riverside MSHCP (2017) Welsh

Slide 4

- On site water course
- Photo courtesy of Western Riverside County Regional Conservation Authority.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California Department of Fish and Wildlife
State
Federal
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La Mesa
McGinty Mountain ER
San Diego County
Sweetwater River
Jamul
Jamul Creek
Clevland NF
Barrett Lake
Rancho Jamul ER
Hollenbeck Canyon WA
Project Site
Chula Vista
San Diego Bay
Otay Mountain ER
Otay River
BLM
San Ysidro
MEXICO
Otay Mesa Open Space
Project Area
bing
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Otay Mesa Vernal Pool
San Diego County
4
Miles
WCB State of California Wildlife Conservation Board
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18. Otay Mesa Vernal Pool

Slide 1

San Yisdro Property with arroyo in background.

18. Otay Mesa Vernal Pool

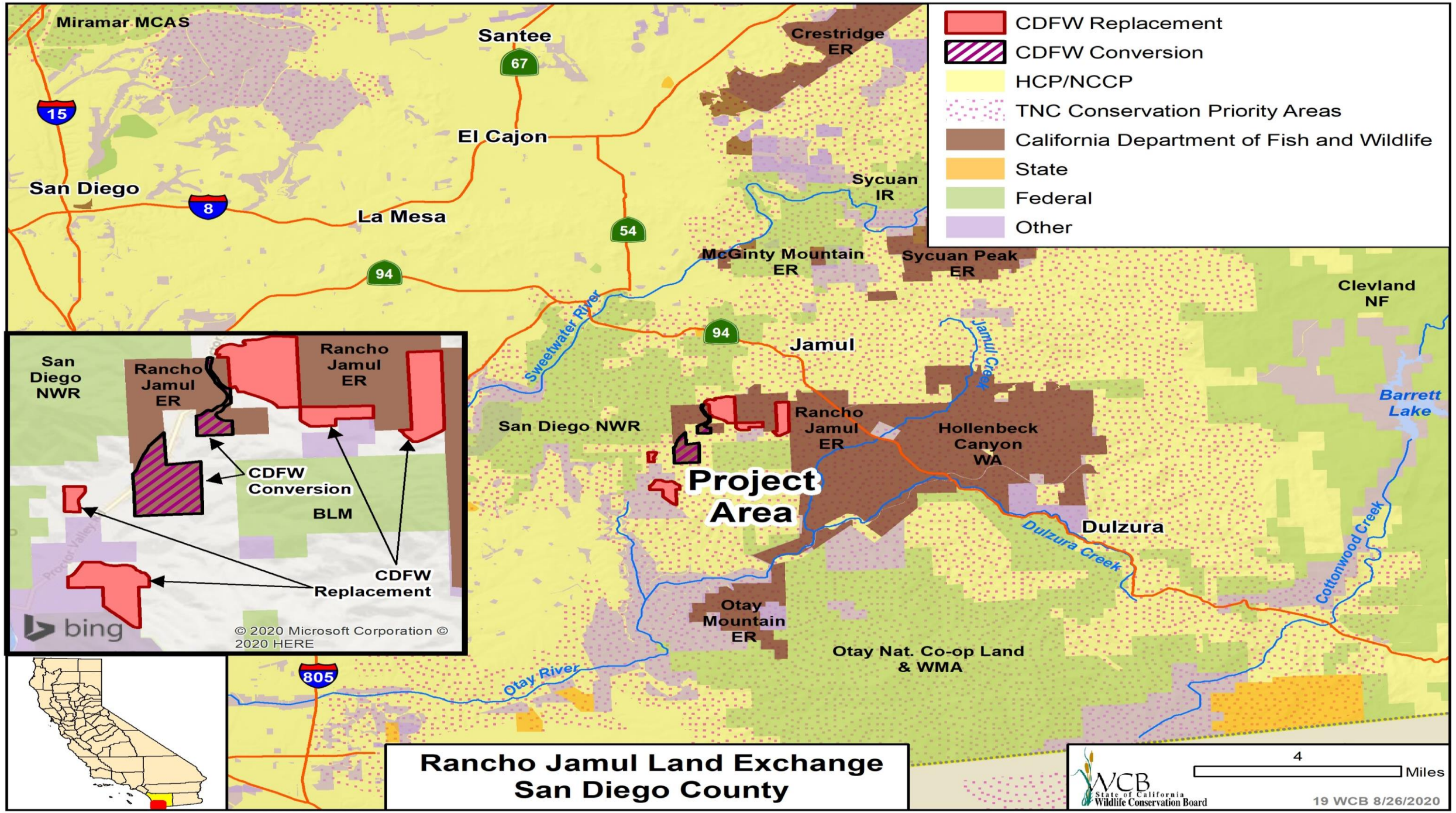
Slide 2

Typical grasslands found on the property.

18. Otay Mesa Vernal Pool

Slide 3

San Ysidro property looking Northeast.


CDFW Replacement
CDFW Conversion
HCP/NCCP
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Crestridge ER
El Cajon
San Diego
La Mesa
Sycuan IR
McGinty Mountain ER
Sycuan Peak ER
Clevland NF
Sweetwater River
Jamul
Jamul Creek
San Diego NWR
Rancho Jamul ER
Hollenbeck Canyon WA
Barrett Lake
Project Area
Dulzura
Dulzura Creek
Cottonwood Creek
Otay Mountain ER
Otay Nat. Co-op Land & WMA
Otay River
San Diego NWR
Rancho Jamul ER
Rancho Jamul ER
CDFW Conversion
BLM
CDFW Replacement
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San Diego County
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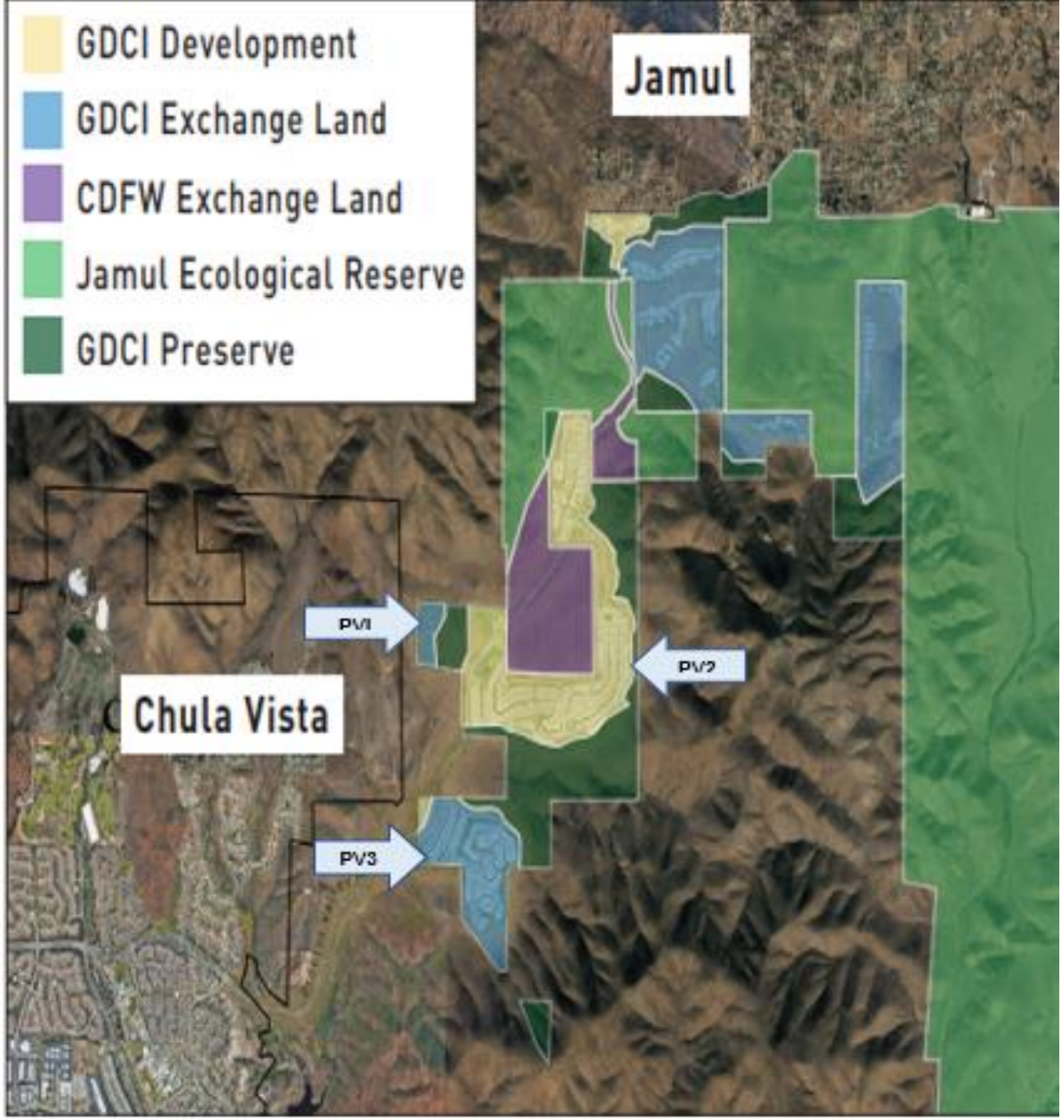
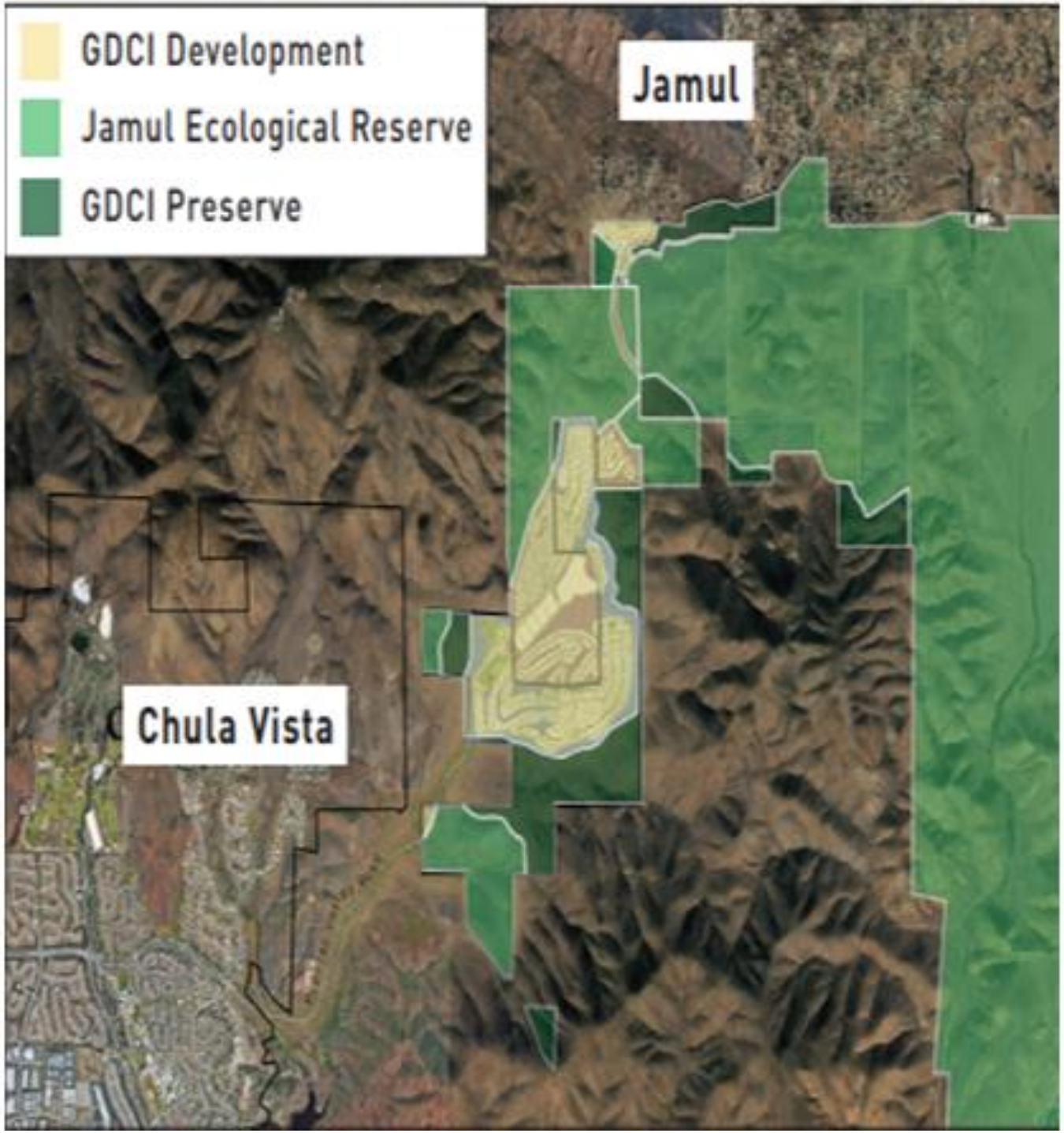
Miles
WCB State of California Wildlife Conservation Board
19 WCB 8/26/2020



19. Rancho Jamul Land Exchange

Slide 1

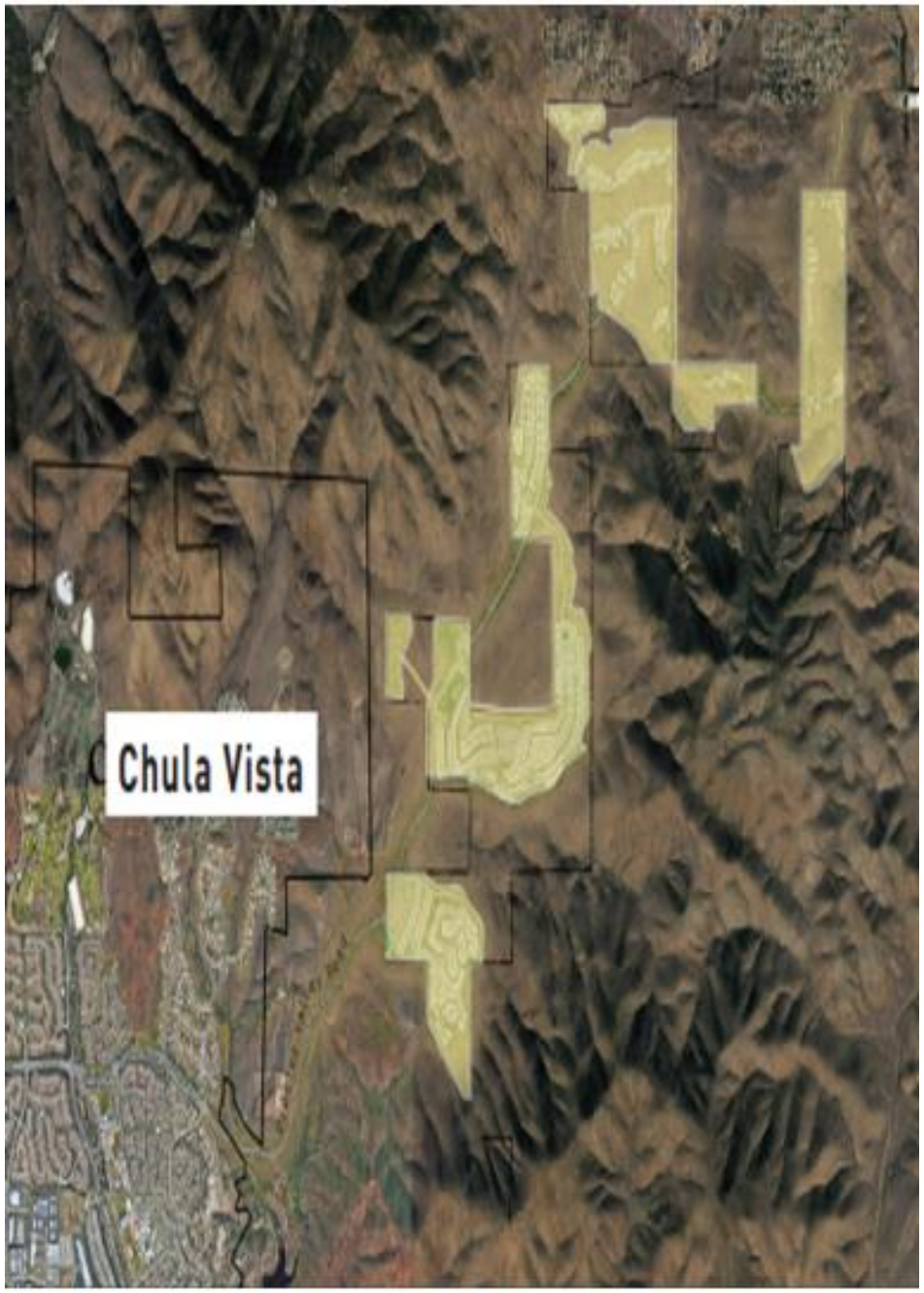
Current Preserve and Exchange Parcels.

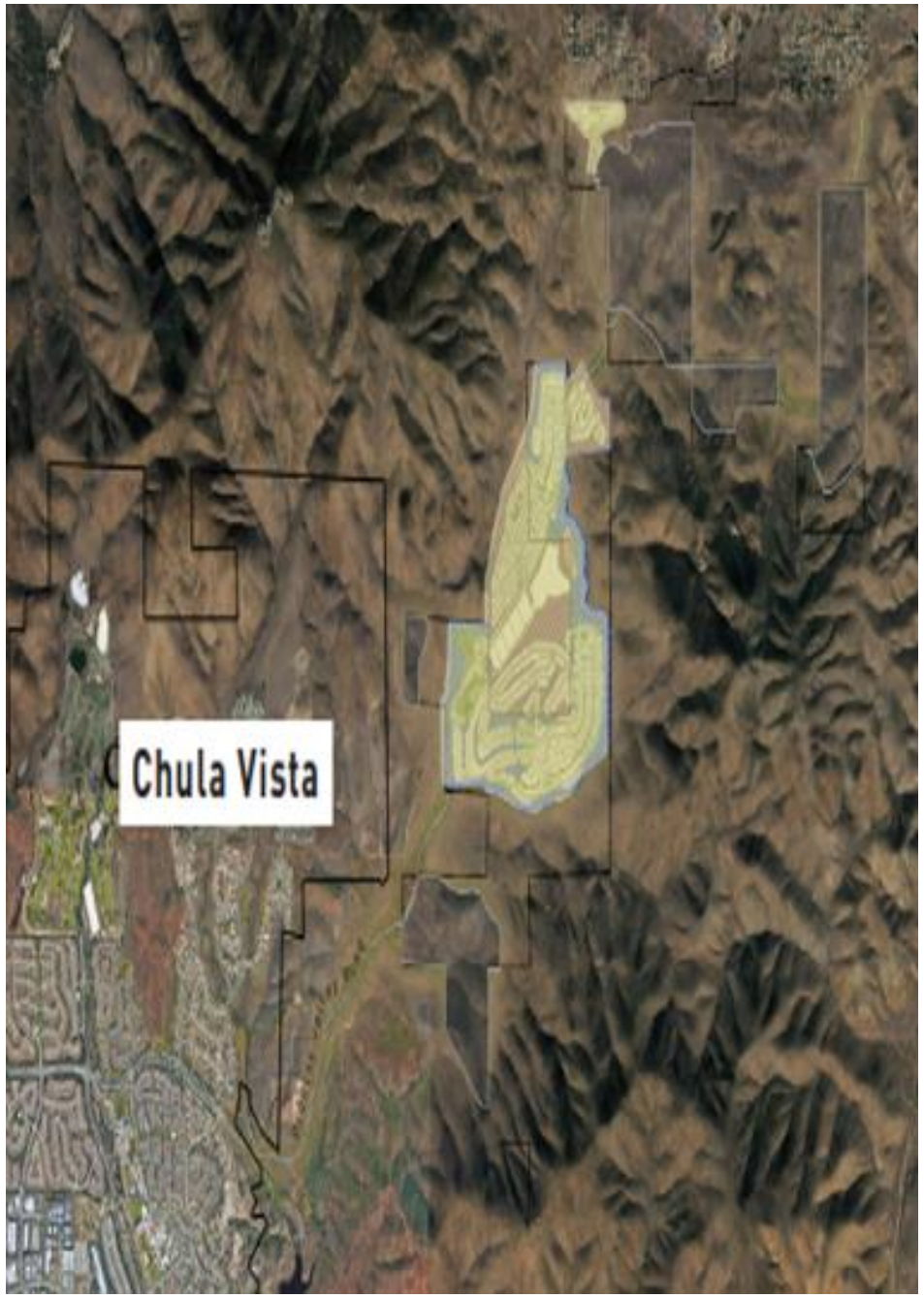


19. Rancho Jamul Land Exchange

Slide 2

Post Land Exchange





19. Rancho Jamul Land Exchange

Slide 3

Left picture is the current approved development plan.

Right picture is the proposed development plan after the exchange.

19. Rancho Jamul Land Exchange

Slide 4

Southerly view of a GDCI exchange parcel to CDFW.

19. Rancho Jamul Land Exchange

Slide 5

Northerly view of GDCI exchange parcel to CDFW.

19. Rancho Jamul Land Exchange

Slide 6

Easterly view of CDFW exchange parcel to GDCI.

19. Rancho Jamul Land Exchange

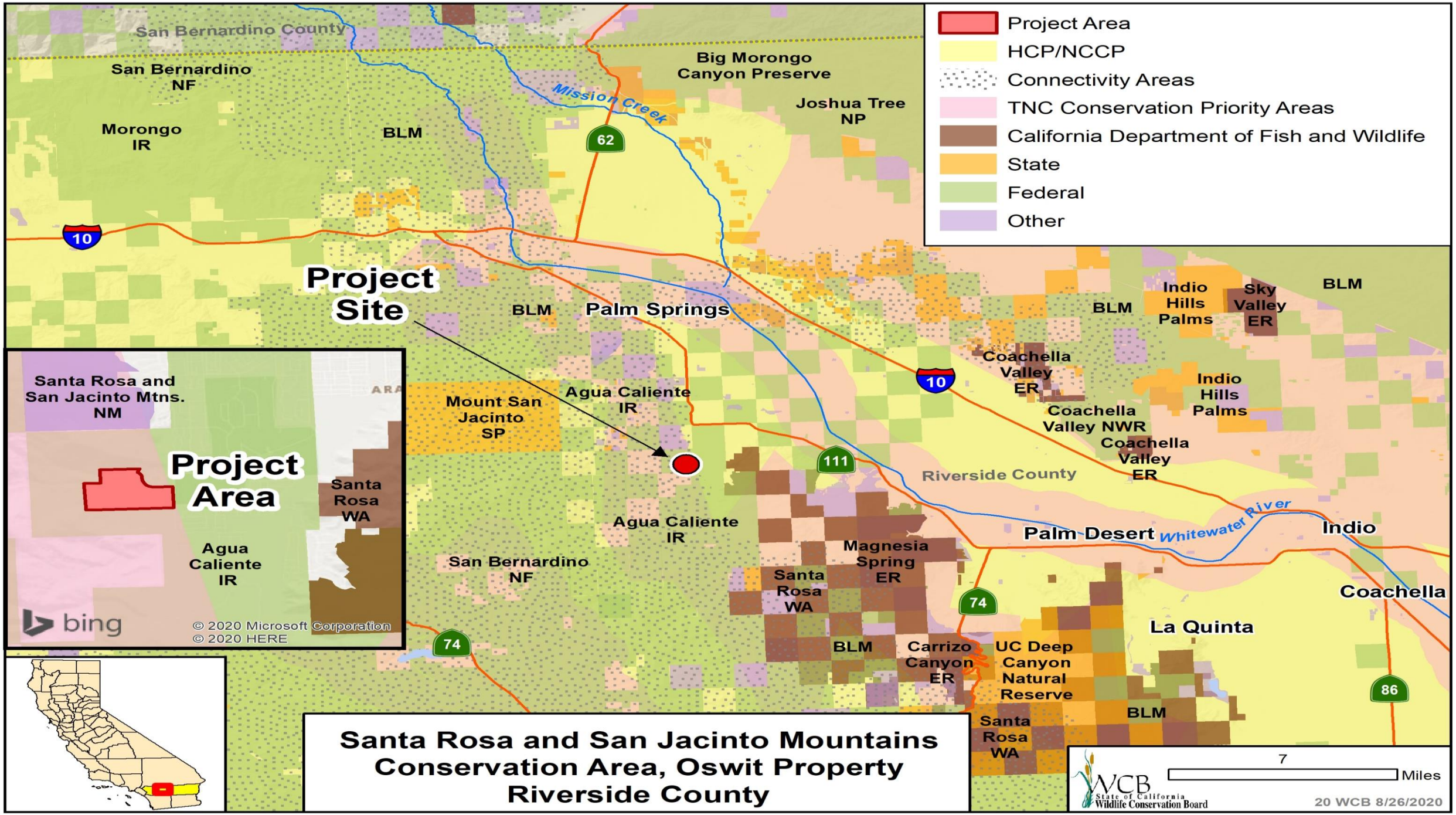
Slide 7

- Easterly view across CDFW exchange parcel to GDCI.

19. Rancho Jamul Land Exchange

Slide 8

Northwesterly view of CDFW exchange parcel to GDCI.



Santa Rosa and San Jacinto Mountains Conservation Area, Oswit Property Riverside County

20. Santa Rosa and San Jacinto Mountains Conservation Area Oswit Property

Slide 1

Westerly View of the Subject Property from S. Palm Avenue.

20. Santa Rosa and San Jacinto Mountains Conservation Area Oswit Property

Slide 2

Southerly view of the subject property with the Santa Rosa and San Jacinto Mountain ranges in the background.

20. Santa Rosa and San Jacinto Mountains Conservation Area Oswit Property

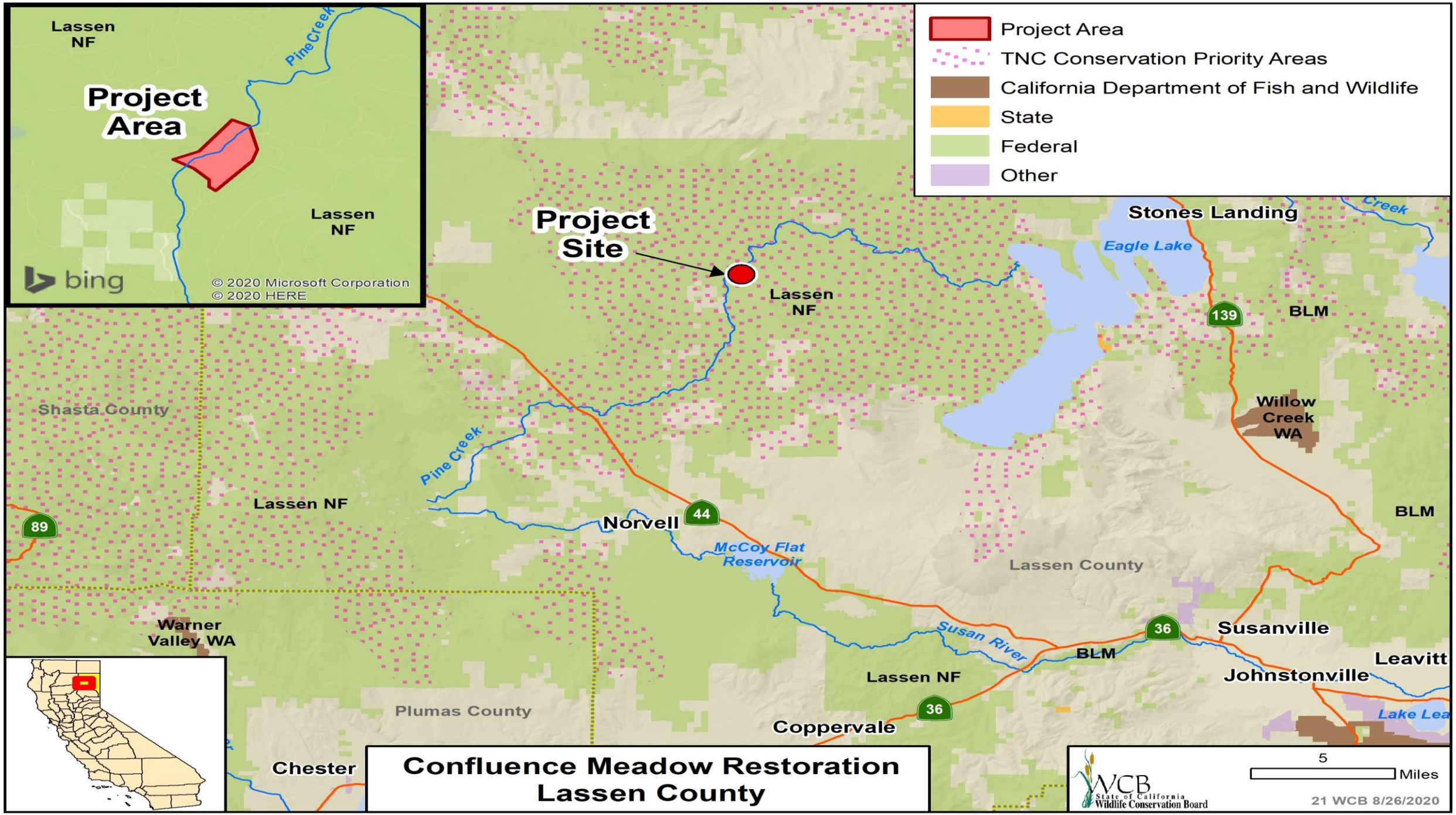
Slide 3

Northwesterly view of the subject property leading up to Oswit canyon.

20. Santa Rosa and San Jacinto Mountains Conservation Area Oswit Property

Slide4

Peninsular Bighorn Sheep mother and lambs on the subject property.


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Project Site
Project Area
Lassen NF
Pine Creek
bing
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Stones Landing
Eagle Lake
Willow Creek WA
BLM
139
Shasta County
Lassen NF
Pine Creek
Norvell
44
89
McCoy Flat Reservoir
Lassen County
Susan River
36
Susanville
Leavitt
Johnstonville
Lake Lea
Warner Valley WA
Plumas County
Coppervale
Chester
Confluence Meadow Restoration
Lassen County
WCB State of California Wildlife Conservation Board
5
Miles
21 WCB 8/26/2020

21. Confluence Meadow Restoration

Slide 1

Pine Creek mouth at Eagle Lake.

21. Confluence Meadow Restoration

Slide 2

- Confluence Meadow during 2017 flood flow. Incised channel at left is Pine Creek (does not flood in 100-yr event). Floodplain at left is inundated by intermittent tributary from Harvey Valley.
- Photo: Dave Lass, Trout Unlimited

21. Confluence Meadow Restoration

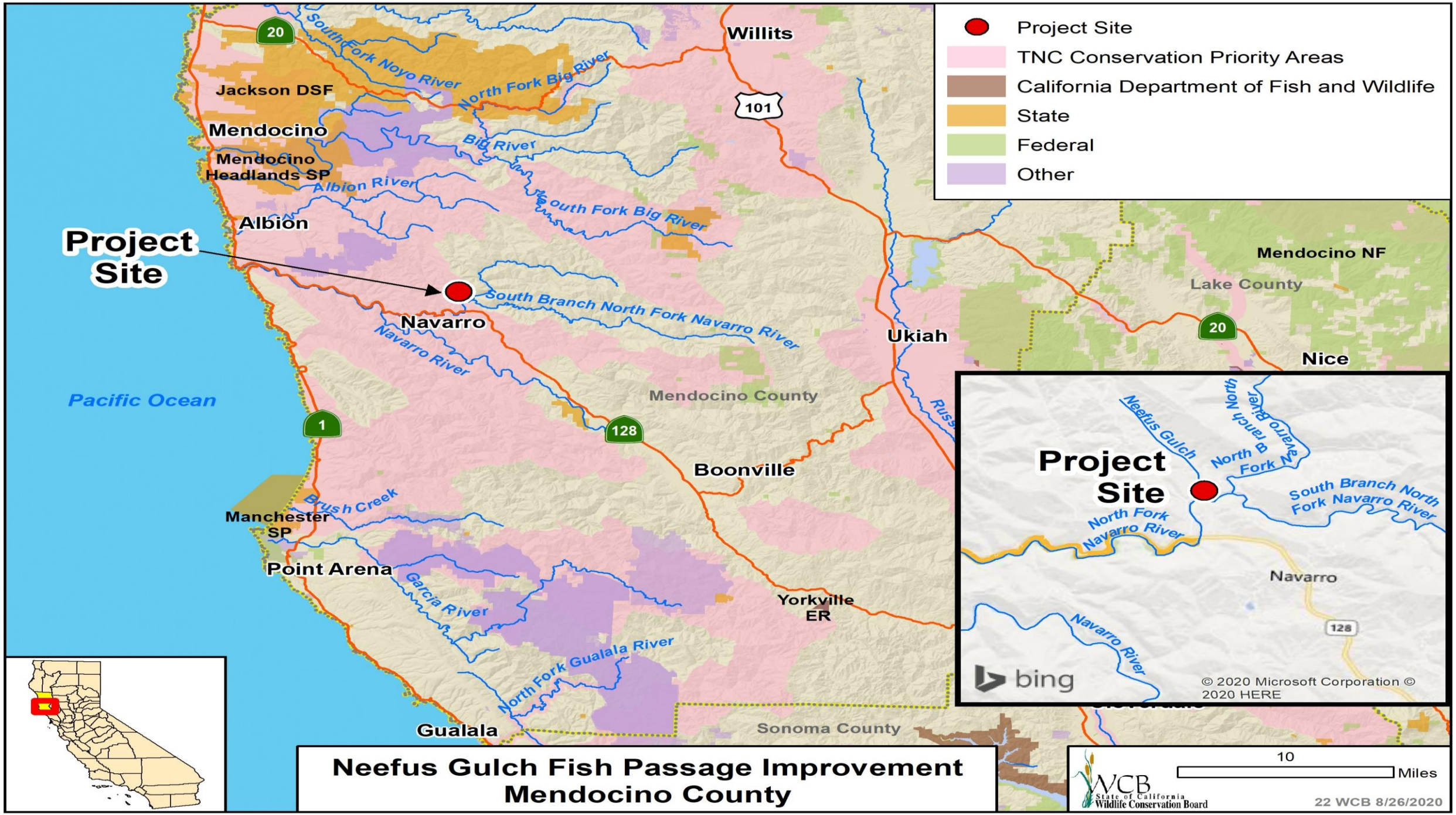
Slide 3

Confluence Meadow incised channel and unstable bank. Inset floodplain lacks vegetation, shade and cover.

21. Confluence Meadow Restoration

Slide 4

Confluence Meadow incised channel and unstable bank. Inset floodplain lacks vegetation, shade and cover.



Neefus Gulch Fish Passage Improvement
Mendocino County

22. Neefus Gulch Fish Passage Improvement

Slide 1

- The Navarro River Watershed

22. Neefus Gulch Fish Passage Improvement

Slide 2

CDFW Stream Habitat Survey:
Category RED – Total barrier to migration.

2012 NOAA Recovery Plan for Central California Coast (CCC) Coho Salmon:
Core area of recovery.

2004 CDFG Coho Salmon Recovery Plan:
Key population to maintain or improve.

22. Neefus Gulch Fish Passage Improvement

Slide 3

Appian Way/Neefus Gulch culvert outlet.

22. Neefus Gulch Fish Passage Improvement

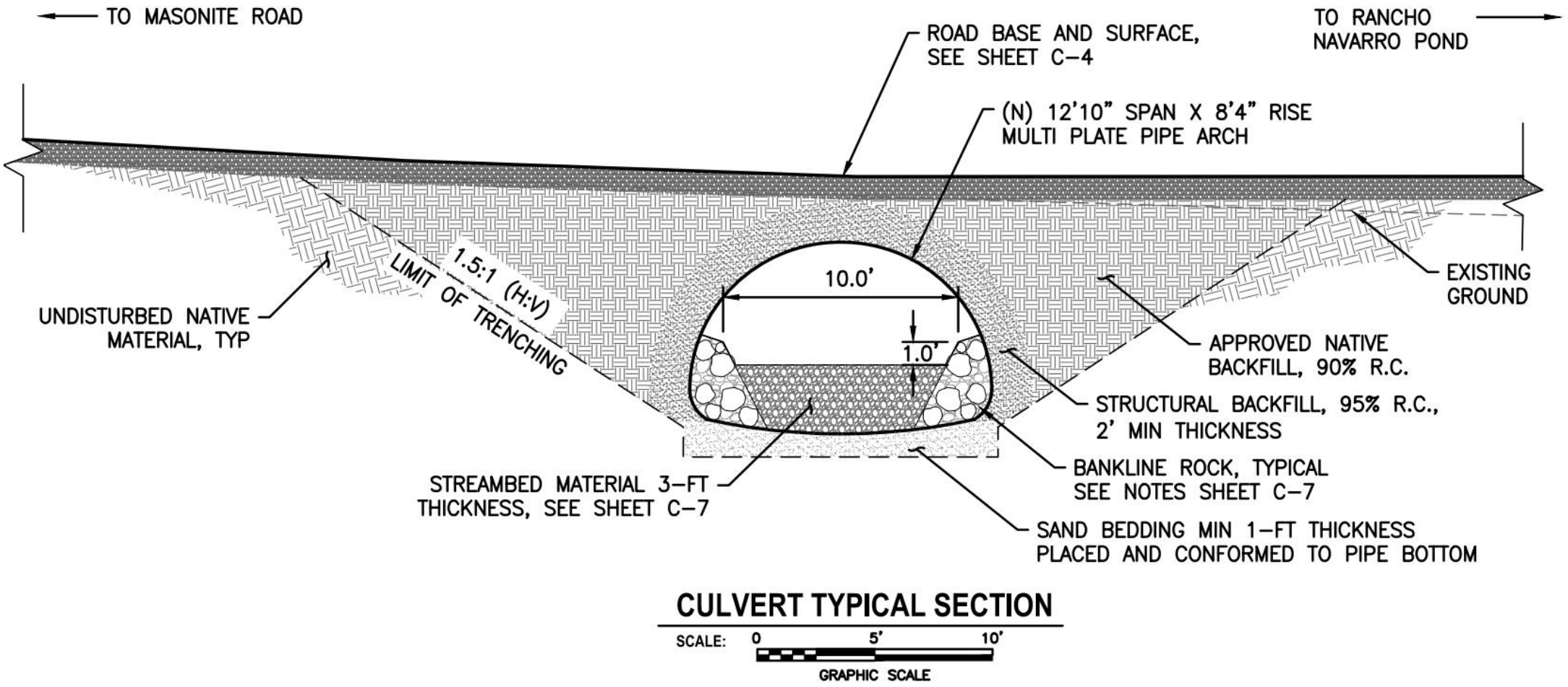
Slide 4

Downstream View of Neefus Gulch From the Outlet.

Photo by Trout Unlimited

22. Neefus Gulch Fish Passage Improvement

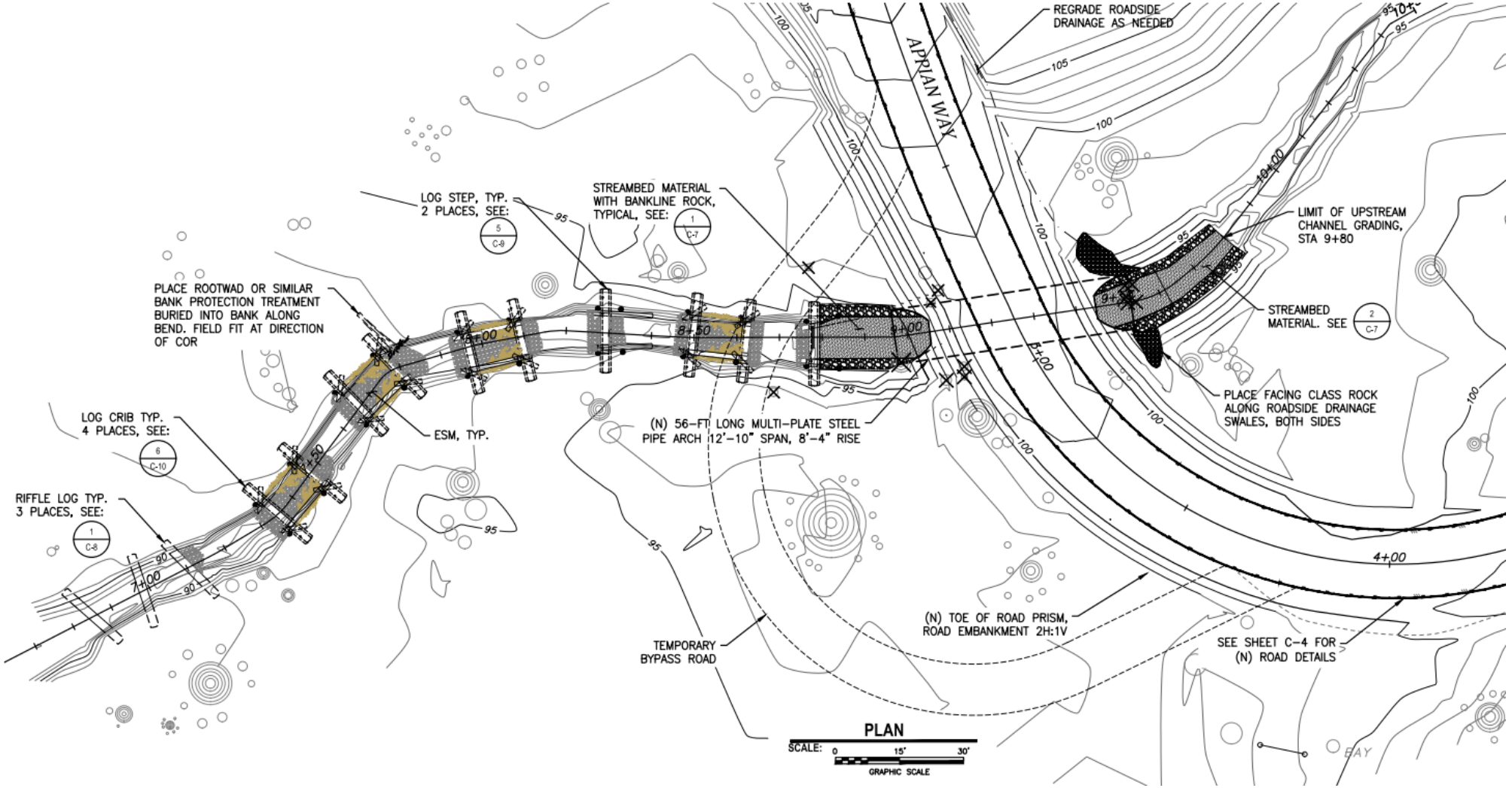
Slide 5



Culvert Cross Section

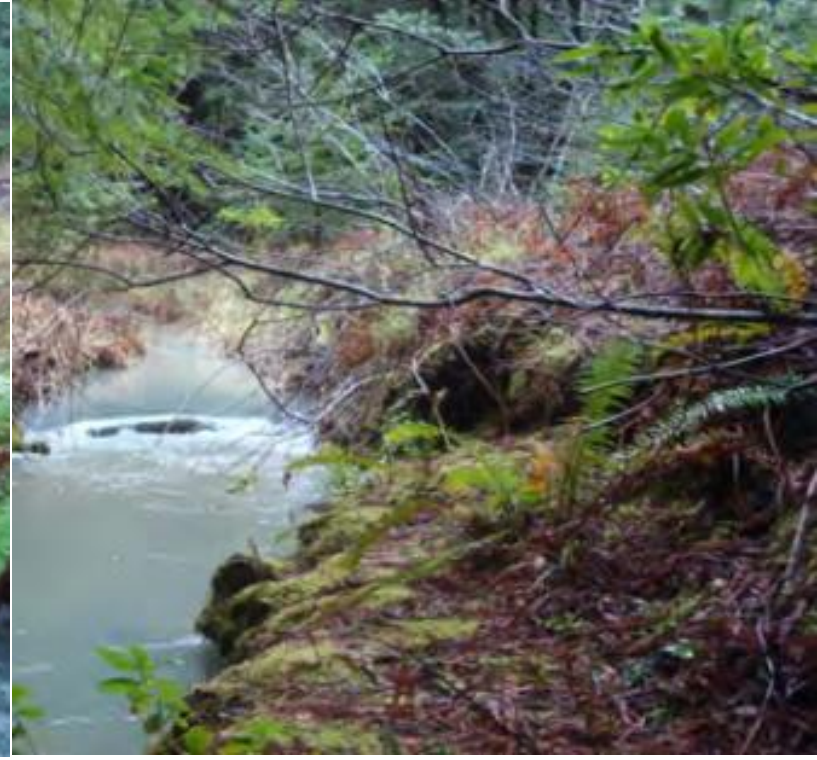
22. Neefus Gulch Fish Passage Improvement

Slide 6



Wood Structure Placement





22. Neefus Gulch Fish Passage Improvement

Slide 7

Salmonids:

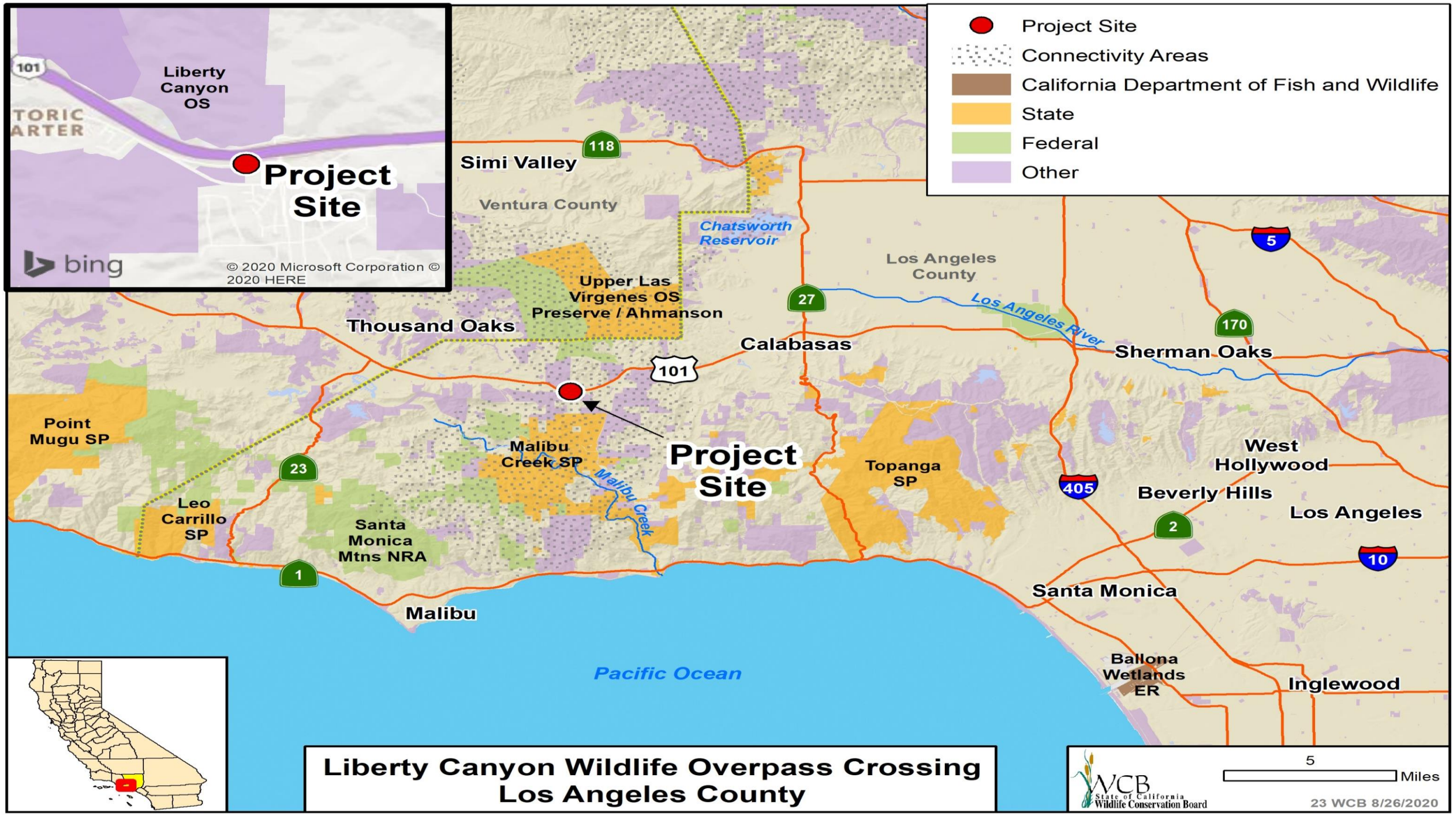
- CCC Coho Salmon
  (Federal Status: Endangered; State Status: Endangered)
- Northern California Coast steelhead trout
  (Federal Status: Threatened; State Status: Threatened)

Amphibians:

- Red-bellied newt
- California giant salamander
- Coastal tailed frog
- Foothill yellow-legged frog

Predators:

- American dipper
- Kingfisher
- Common merganser
- River otter
- Black bear



Liberty Canyon Wildlife Overpass Crossing
Los Angeles County

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 1

- Open space and protected areas near proposed project.

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 2

- Mountain lions in the Santa Monica Mountains face extinction due to inbreeding within the next 50 years
- Loss and fragmentation of habitat by roads and development
- Lowest genetic diversity of any mountain lion population ever documented
- South Coast Missing Linkages Project identified this linkage as one of the highest priority linkages
- CDFW Priority Wildlife Barrier
- WCB project: Liberty Canyon Wildlife Underpass

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 3

- Wildlife crossing over ten lanes of freeway and an access road
- Restore the former natural mountain slopes over the freeway
- 500 feet of channelized stream to be restored to natural sinuosity
- 2 acres of restored riparian woodland.
- Landforms and sound walls to block the light and sound of the freeway
- Photo: National Wildlife Federation

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 4

Artist conception of proposed overpass.

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 5

- Close up of conceptual overpass
- Artist’s conception of driver’s experience

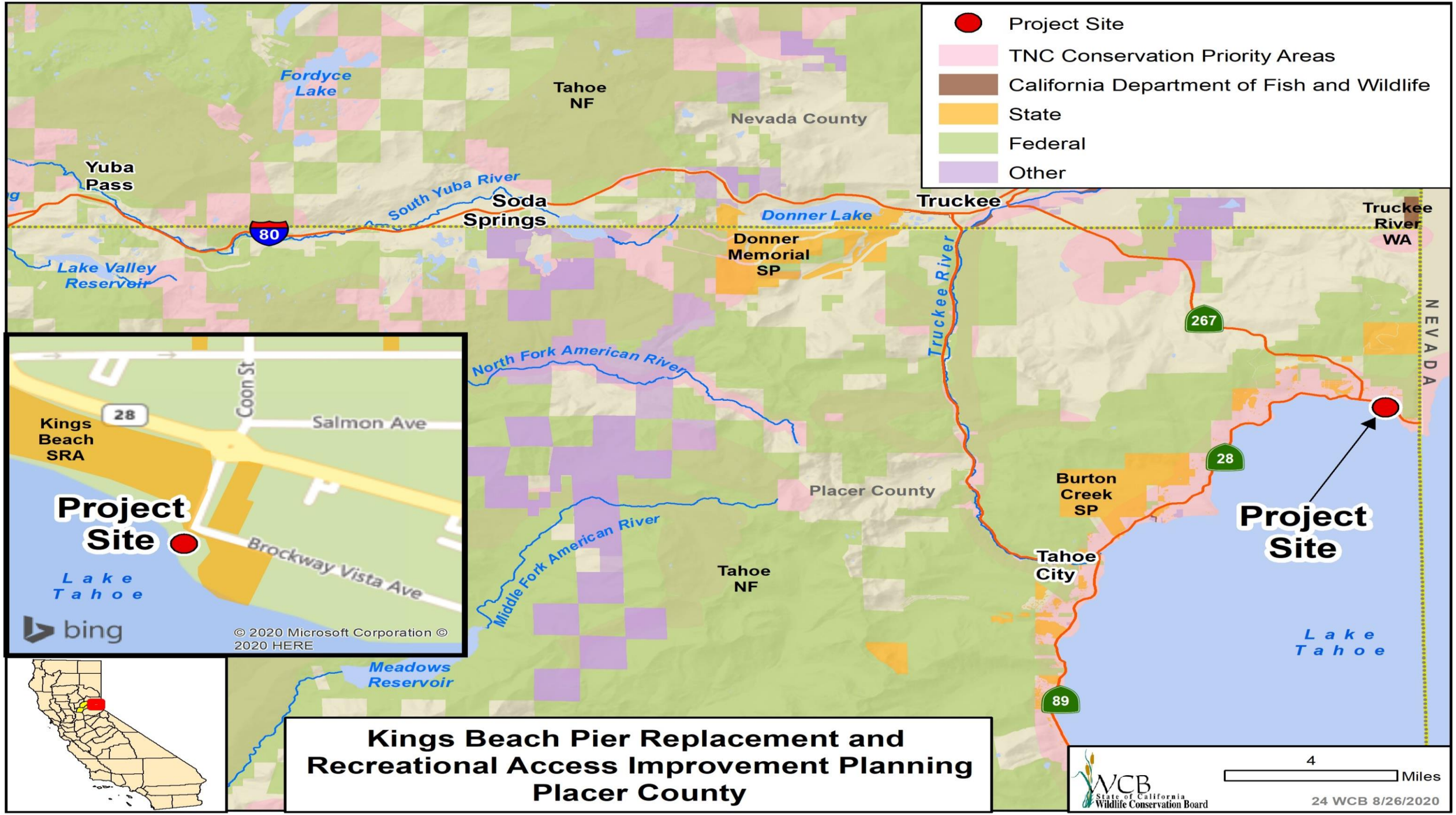
Photos: National Wildlife Federation/Caltrans

23. Liberty Canyon Wildlife Overpass Crossing Project

Slide 6

- #SaveLACougars Rally
- Governor Gavin Newsom and Beth Pratt from NWF

Photos; National Wildlife Federation



Kings Beach Pier Replacement and Recreational Access Improvement Planning Placer County

24. Kings Beach Pier Replacement and Recreational Access

Slide 1

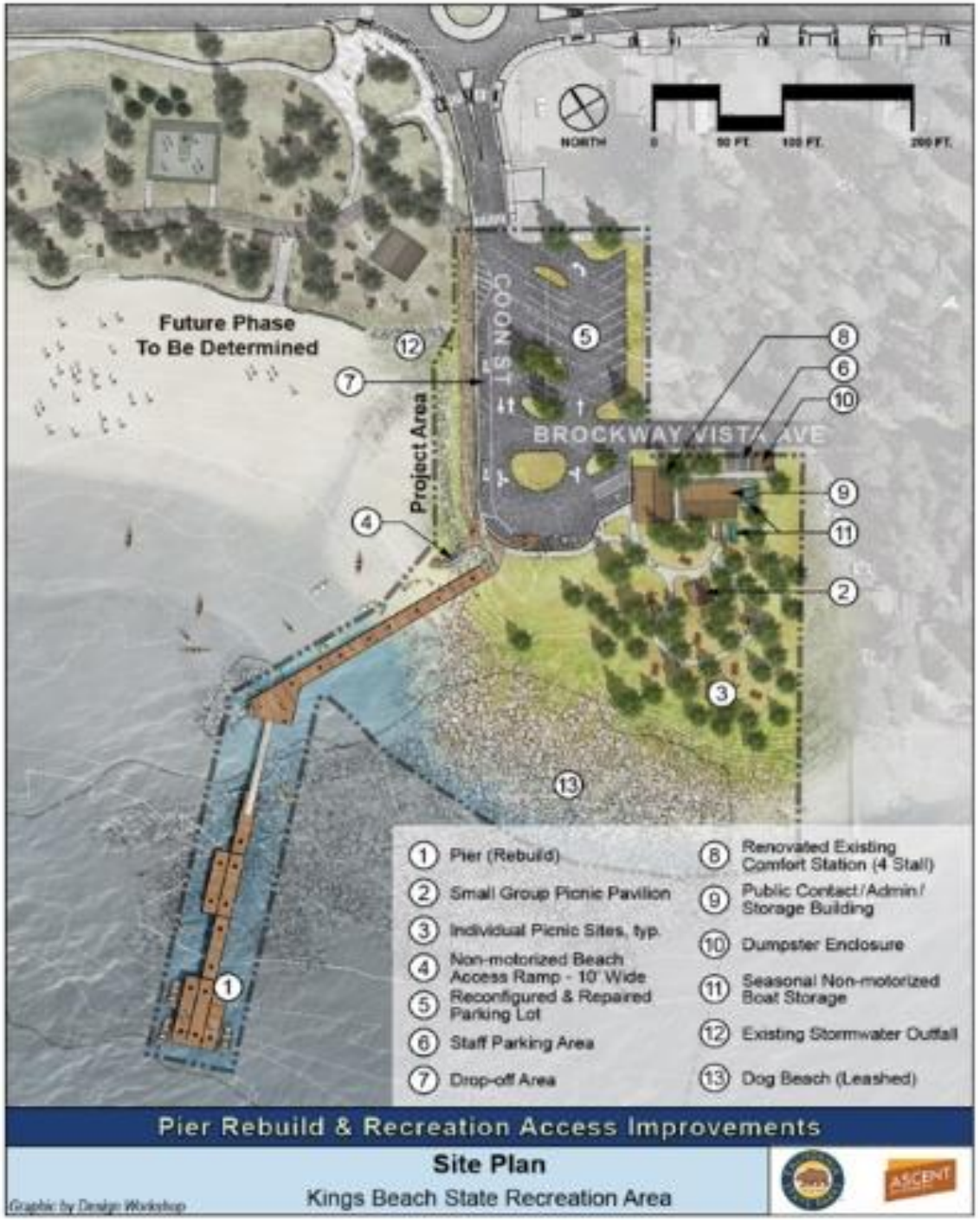
Kings Beach and pier

24. Kings Beach Pier Replacement and Recreational Access

Slide 2

Planning Project

- Planning
- Design
- Field Studies and Surveys
- Permits
- Construction Documents



24. Kings Beach Pier Replacement and Recreational Access

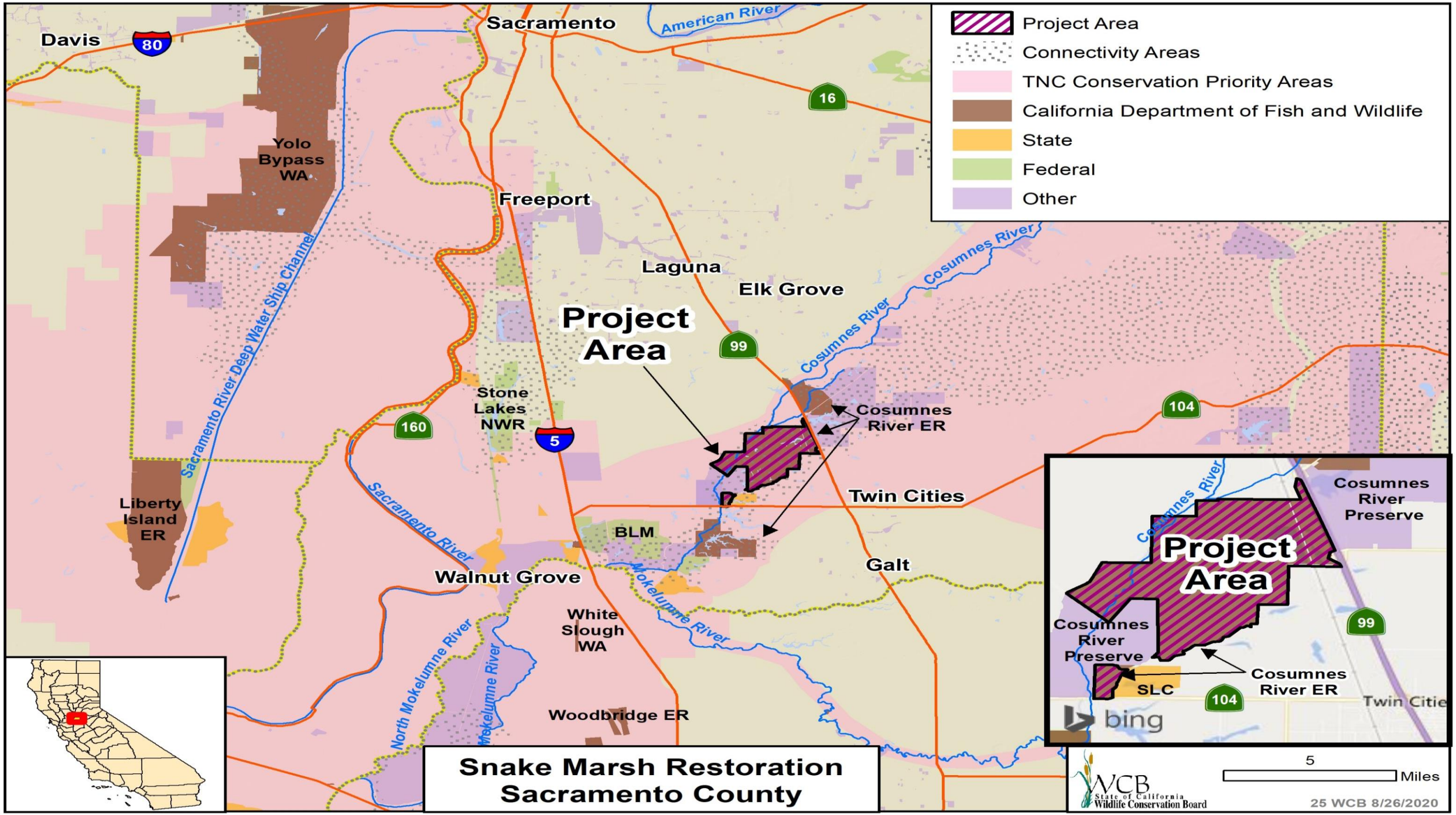
Slide 3

Result: A shovel-ready project

- Replace and extend the existing pier
- Construct a non-motorized beach access ramp and staging area
- Expand group and family picnic areas
- Parking and road renovations

24. Kings Beach Pier Replacement and Recreational Access

Slide 4


Project Area
Connectivity Areas
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Davis
Sacramento
American River
Yolo Bypass WA
Freeport
Laguna
Elk Grove
Project Area
Cosumnes River
Sacramento River Deep Water Ship Channel
Stone Lakes NWR
Cosumnes River ER
Liberty Island ER
Sacramento River
Twin Cities
BLM
Galt
Walnut Grove
Mokelumne River
White Slough WA
North Mokelumne River
Woodbridge ER
Cosumnes River Preserve
SLC
bing
5
Miles
Snake Marsh Restoration
Sacramento County
WCB State of California Wildlife Conservation Board
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25. Snake Marsh Restoration Project

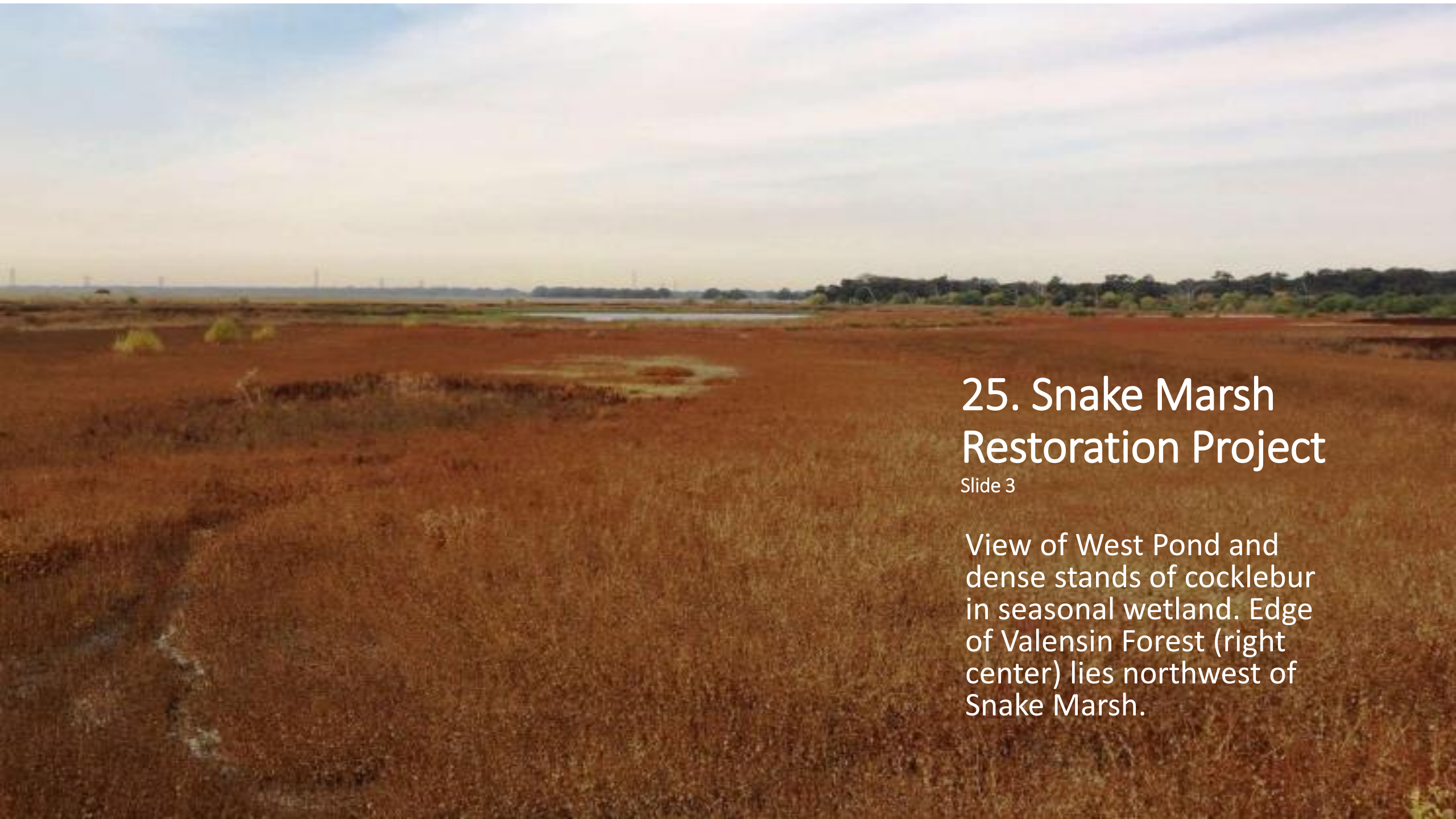
Slide 1

Giant garter snake

25. Snake Marsh Restoration Project

Slide 2

Aerial photograph of Snake Marsh Enhancement Project Area looking south.



25. Snake Marsh Restoration Project

Slide 3

View of West Pond and dense stands of cocklebur in seasonal wetland. Edge of Valensin Forest (right center) lies northwest of Snake Marsh.

25. Snake Marsh Restoration Project

Slide 4

One of the areas east of the railroad tracks where potholes and swales will be excavated to create seasonal and permanent wetlands.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Rio de Los Angeles SP SRA
Los Angeles River
N San Fernando Rd
Ripple St
Marsh St
Partridge Ave
Allesandro St
N Coolidge Ave
Denby Ave
Knox Ave
Blake Ave
Arroyo Seco Channel Path
Edward Ave
W Avenue 31
W Avenue 30
W Avenue 32
Fletcher
bing
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Angeles NF
San Fernando
Tujunga
Tujunga Wash
Burbank
Pasadena
Sherman Oaks
Glendale
Project Site
West Hollywood
Topanga SP
Malibu Creek SP
Chatsworth Reservoir
Los Angeles
El Monte
Los Angeles County
Ballona Wetlands ER
Ingelwood
LosAngeles River
5
Miles
WCB State of California Wildlife Conservation Board
26 WCB 8/26/2020
Los Angeles River Habitat Enhancement and Stormwater Capture
Los Angeles County

26. Los Angeles River Habitat Enhancement and Stormwater Capture Project

Slide 1

Bowtie Parcel is a mix of contaminated soil, concrete, and both native and non-native vegetation.

26. Los Angeles River Habitat Enhancement and Stormwater Capture Project

Slide 2

- Bowtie Parcel is adjacent to a soft bottom portion of the Los Angeles River.

26. Los Angeles River Habitat Enhancement and Stormwater Capture Project

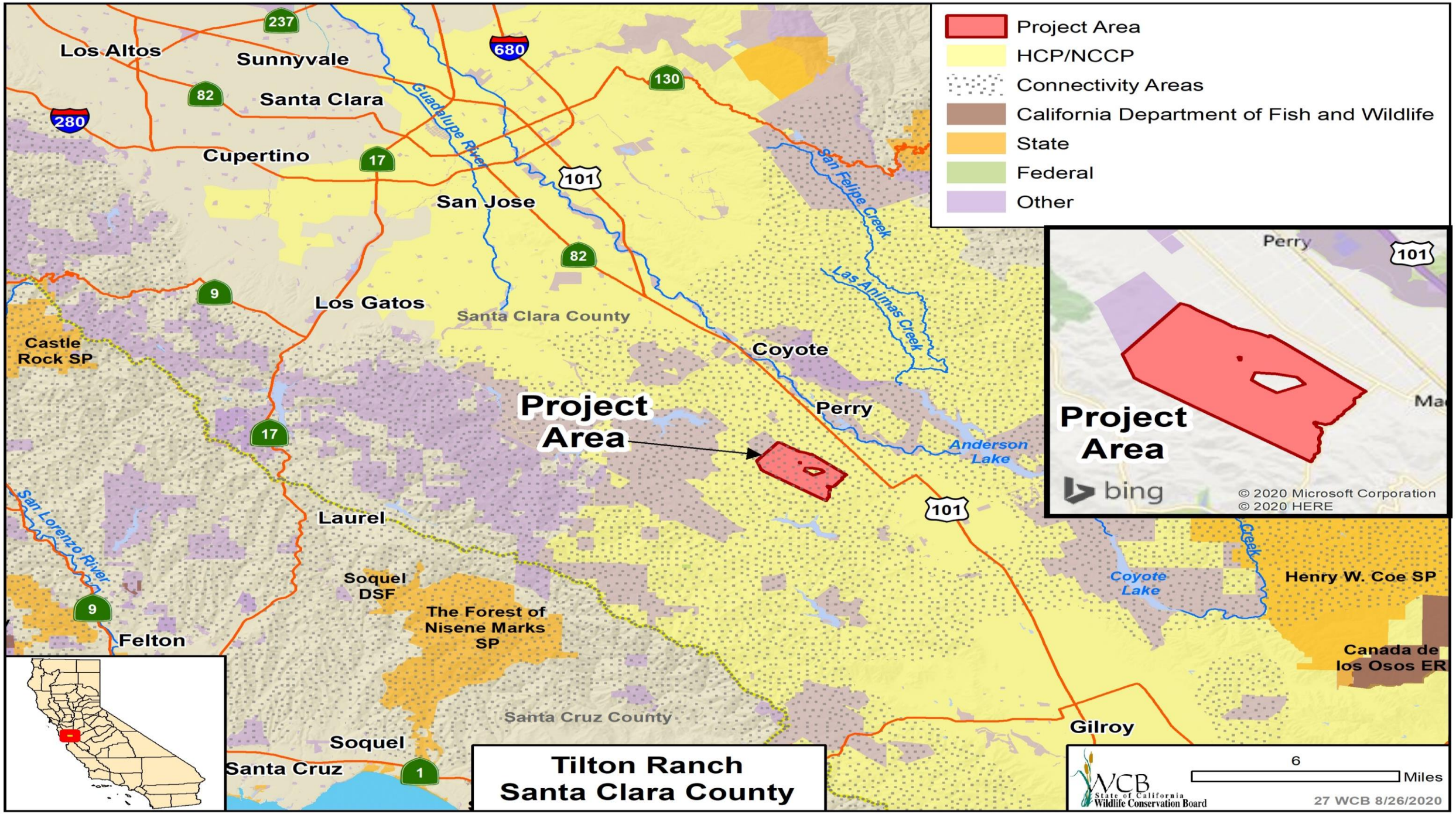
Slide 3

View of the Bowtie Parcel from an adjacent utility easement.

26. Los Angeles River Habitat Enhancement and Stormwater Capture Project

Slide 4

Entrance to the Bowtie Parcel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HCP/NCCP
Connectivity Areas
California Department of Fish and Wildlife
State
Federal
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Los Altos
Sunnyvale
Santa Clara
Cupertino
San Jose
Los Gatos
Santa Clara County
Guadalupe River
San Felipe Creek
Las Animas Creek
Coyote
Perry
Anderson Lake
Project Area
Castle Rock SP
Laurel
San Lorenzo River
Soquel DSF
The Forest of Nisene Marks SP
Felton
Soquel
Santa Cruz
Santa Cruz County
Coyote Lake
Henry W. Coe SP
Canada de los Osos ER
Gilroy
237
680
130
82
280
17
101
9
1
Project Area
bing
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Tilton Ranch
Santa Clara County
6
Miles
WCB State of California Wildlife Conservation Board
27 WCB 8/26/2020

27. Tilton Ranch

Slide 1

Oak Woodlands

27. Tilton Ranch

Slide 2

Grasslands

27. Tilton Ranch

Slide 3

Top: Jewel Flower

Bloom: Serpentine

27. Tilton Ranch

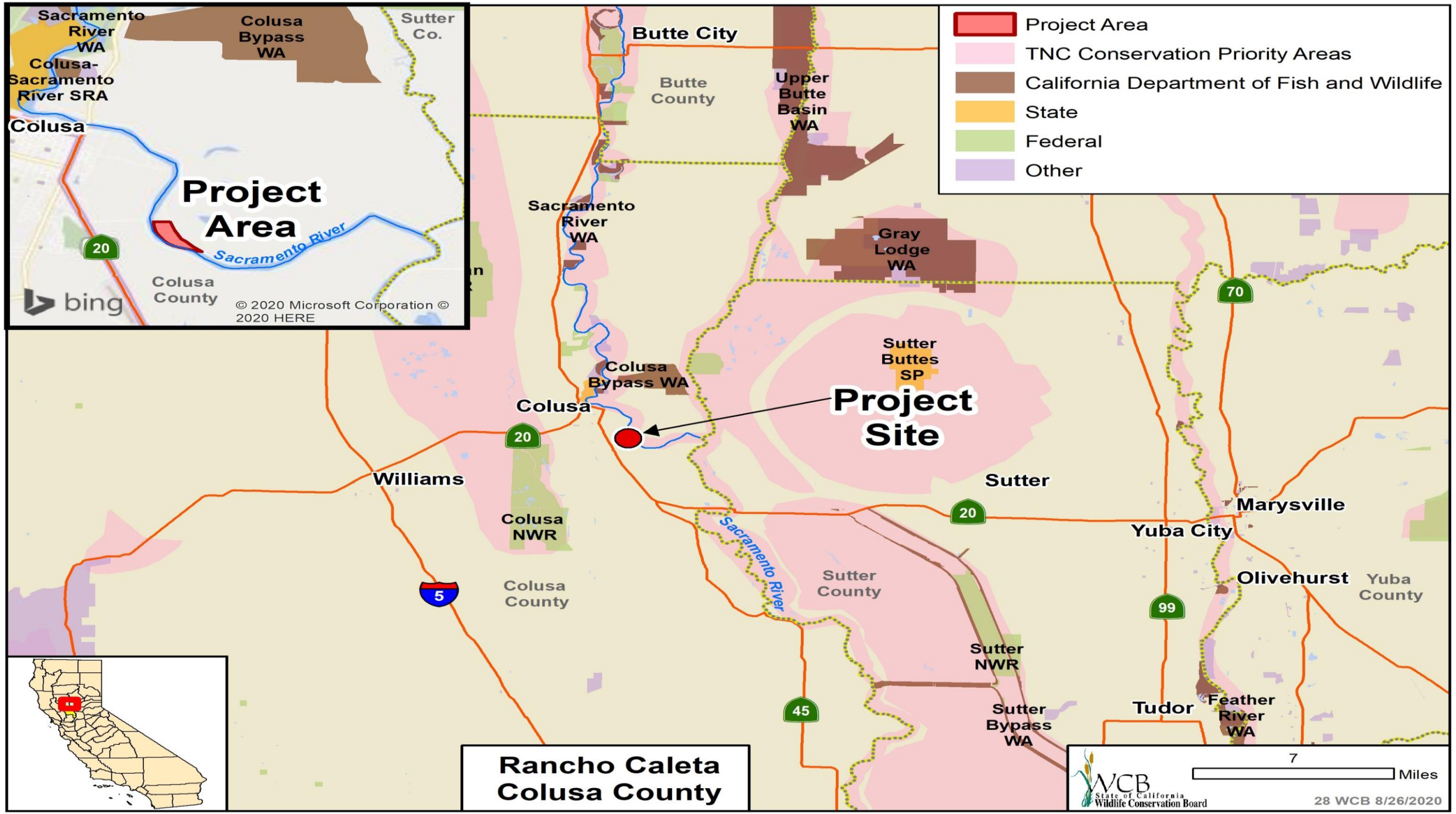
Slide 4

Serpentine and hay fields

27. Tilton Ranch

Slide 5

Cattle grazing and wildlife


Project Area
TNC Conservation Priority Areas
California Department of Fish and Wildlife
State
Federal
Other
Sacramento River WA
Colusa Bypass WA
Sutter Co.
Colusa-Sacramento River SRA
Colusa
Project Area
Sacramento River
20
Colusa County
bing
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Butte City
Butte County
Upper Butte Basin WA
Sacramento River WA
Gray Lodge WA
70
Sutter Buttes SP
Project Site
Colusa Bypass WA
Colusa
20
Williams
Colusa NWR
Sacramento River
Sutter
20
Marysville
Yuba City
Olivehurst
Yuba County
Sutter County
99
5
Colusa County
Sutter NWR
45
Sutter Bypass WA
Tudor
Feather River WA
7
Miles
WCB State of California Wildlife Conservation Board
28 WCB 8/26/2020
Rancho Caleta
Colusa County

28. Rancho Caleta

Slide 1

View northwesterly from near south end of property - riparian area along river/orchard along roadway.

28. Rancho Caleta

Slide 2

- View along riparian area adjacent to Sacramento River looking southerly from near northwest corner.

28. Rancho Caleta

Slide 3

- View looking northwesterly from Butte Slough Road near southeast corner.

28. Rancho Caleta

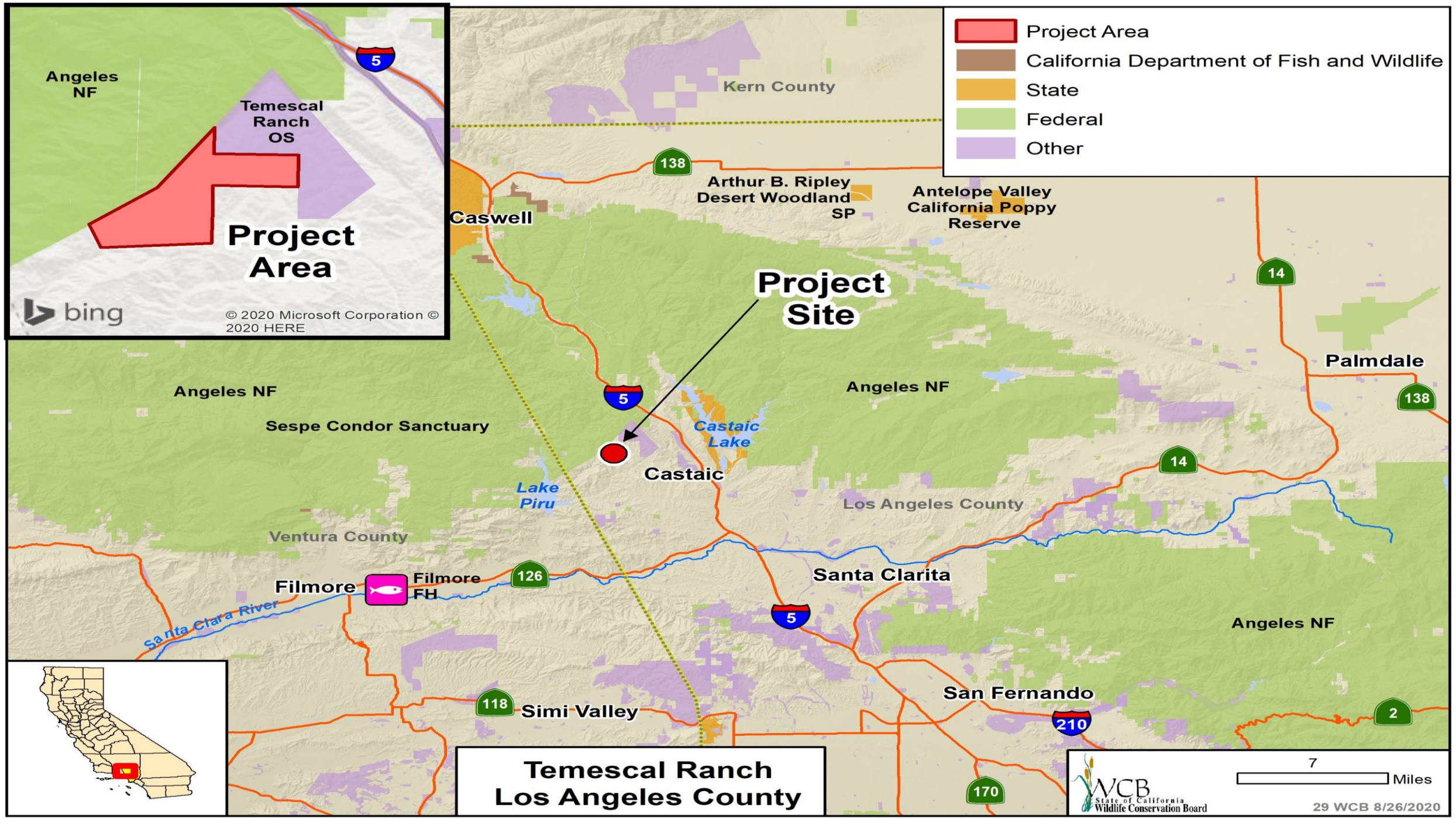
Slide 4

View of orchard looking southerly from near northwest corner.

28. Rancho Caleta

Slide 5

- View of Sacramento River looking westerly from near northwest corner.


Project Area
California Department of Fish and Wildlife
State
Federal
Other
Angeles NF
Temescal Ranch OS
Project Area
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Kern County
138
Arthur B. Ripley Desert Woodland SP
Antelope Valley California Poppy Reserve
Caswell
Project Site
14
Palmdale
5
Angeles NF
Sespe Condor Sanctuary
Castaic Lake
Castaic
Lake Piru
Los Angeles County
Ventura County
Filmore
Filmore FH
126
Santa Clara River
Santa Clarita
Angeles NF
118
Simi Valley
San Fernando
210
2
170
Temescal Ranch
Los Angeles County
WCB State of California Wildlife Conservation Board
7
Miles
29 WCB 8/26/2020

29. Temescal Ranch

Slide 1

A large stand of California buckwheat on the Property, with the Los Padres National Forest and Sespe Condor Sanctuary in the distance.

29. Temescal Ranch

Slide 2

Looking west from the subject property across the Los Padres National Forest.

29. Temescal Ranch

Slide 3

Left: Purple sage in the foreground, the subject property beyond, with Whitaker Peak and the Los Padres National Forest in the further distance.

Right: Coastal sage-scrub and chaparral are the dominant habitat types on the property.

29. Temescal Ranch

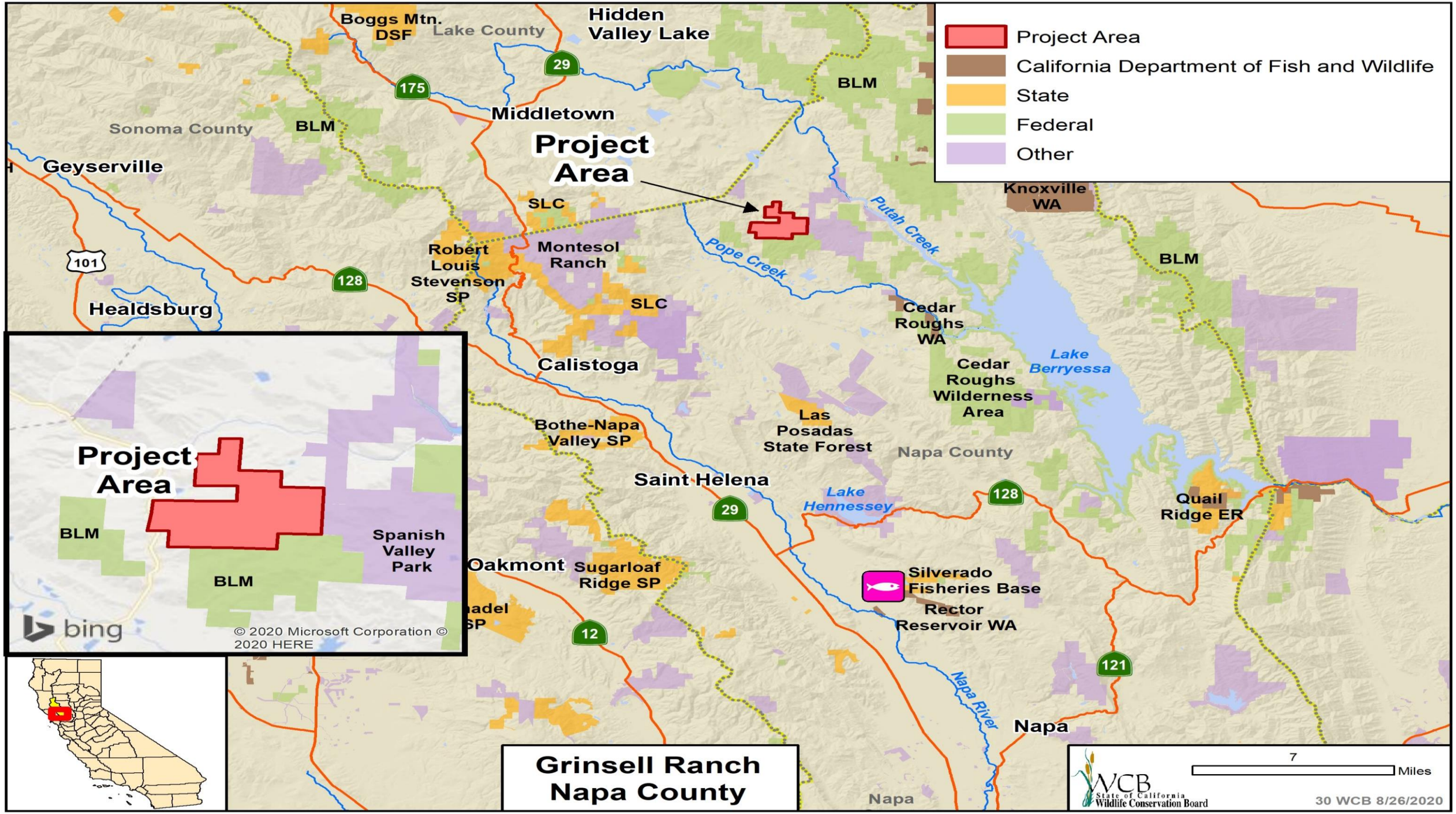
Slide 4

- Left: This phase contains the center of the Ranch, adjacent to 1,229.91 acres previously purchased in Phase 1.
- Right: Woolly blue curls among the coastal sage scrub assemblage.

29. Temescal Ranch

Slide 5

Yucca blooms in May 2020 after a particularly wet winter.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California Department of Fish and Wildlife
State
Federal
Other
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Lake County
Hidden Valley Lake
29
175
Middletown
BLM
Sonoma County
Geyserville
Project Area
SLC
Putah Creek
Pope Creek
Knoxville WA
BLM
101
128
Robert Louis Stevenson SP
Montesol Ranch
Healdsburg
SLC
Cedar Roughs WA
Calistoga
Lake Berryessa
Cedar Roughs Wilderness Area
Bothe-Napa Valley SP
Las Posadas State Forest
Napa County
Saint Helena
Lake Hennessey
128
29
Quail Ridge ER
Project Area
BLM
Spanish Valley Park
BLM
bing
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Oakmont
Sugarloaf Ridge SP
Silverado Fisheries Base
Rector Reservoir WA
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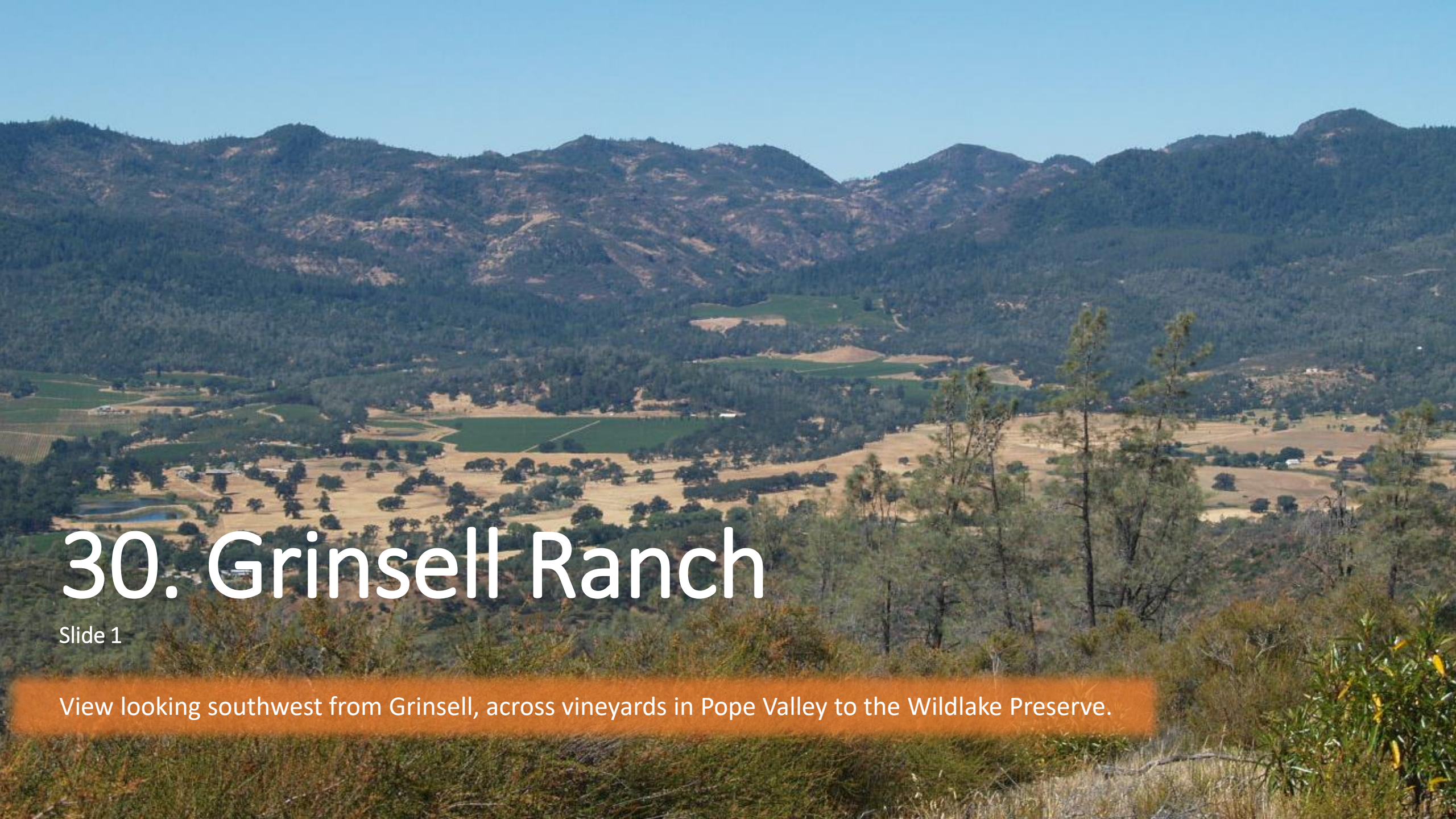
121
Napa River
Napa
Napa
Grinsell Ranch
Napa County
7
Miles
WCB State of California Wildlife Conservation Board
30 WCB 8/26/2020



30. Grinsell Ranch

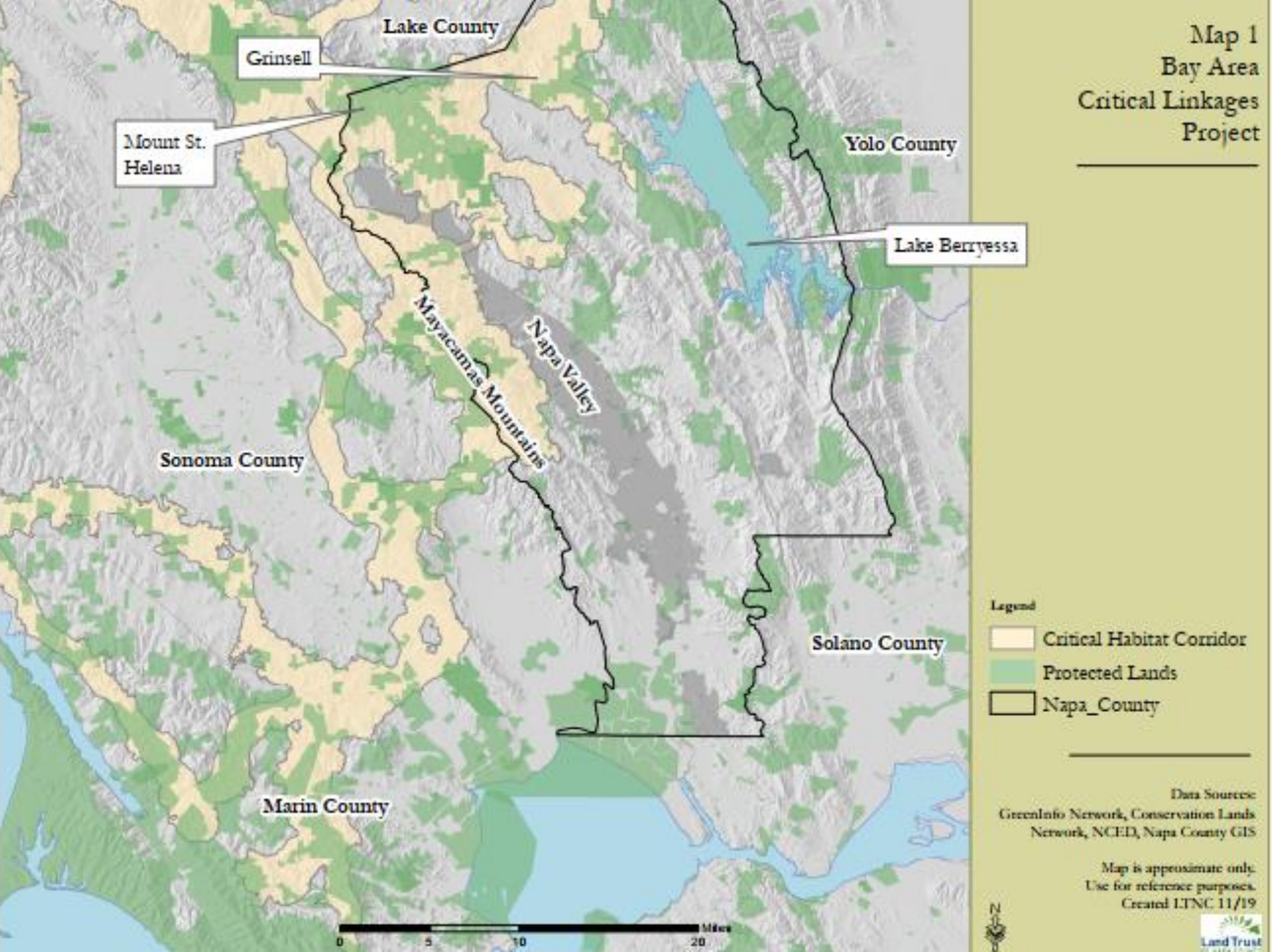
Slide 1

View looking southwest from Grinsell, across vineyards in Pope Valley to the Wildlake Preserve.

30. Grinsell Ranch

Slide 2

- View looking west to Mount St. Helena (highest peak) – the ridge in front of Mount St. Helena is part of a previous WCB funded project, Montesol Ranch Conservation Easement.



30. Grinsell Ranch

Slide 3

30. Grinsell Ranch

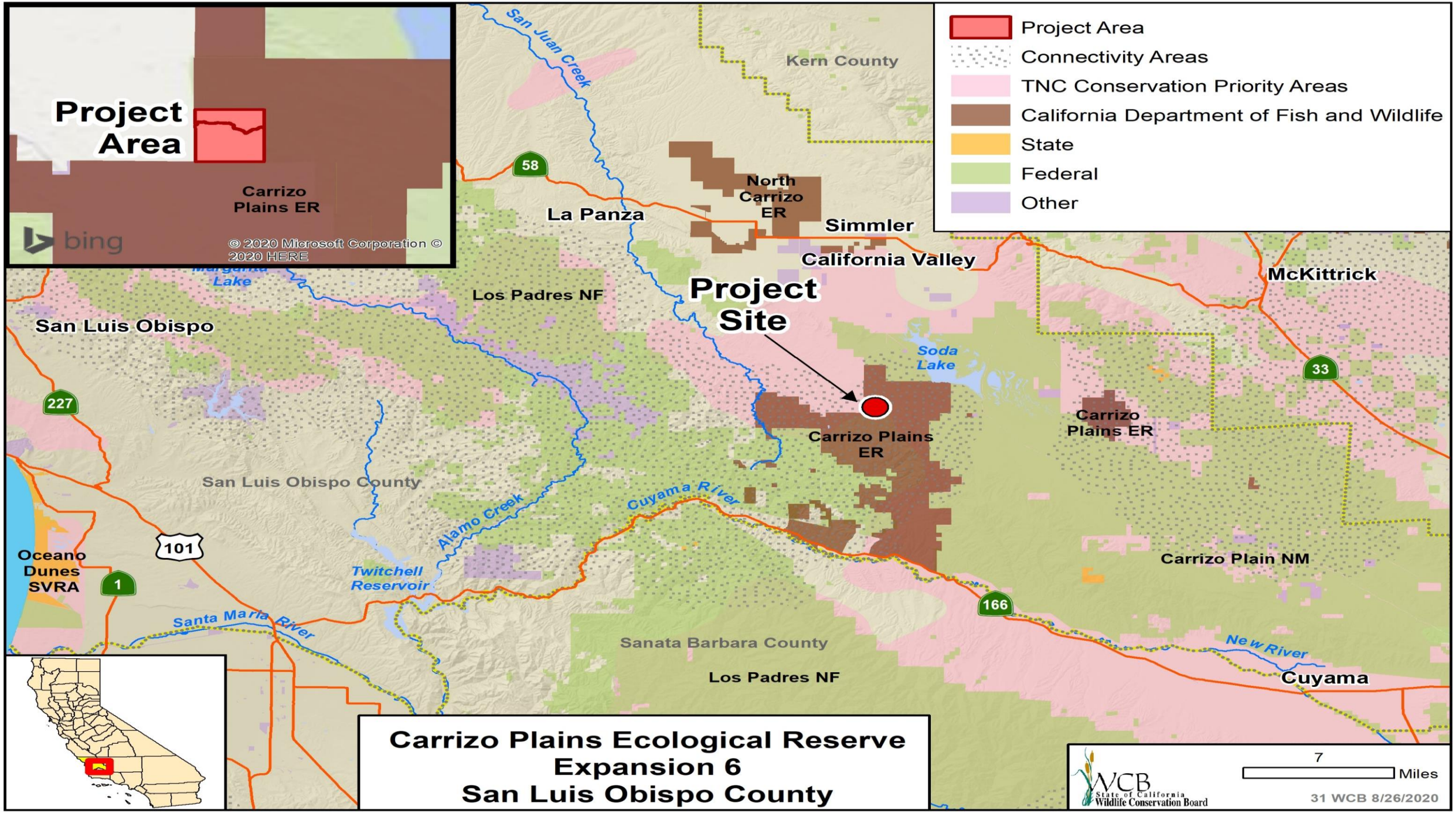
Slide 4

Rare species on Grinsell – 17 special status species have been documented on the property. The botanist's report says that this property "appears to be a particular stronghold for Two-carpellate Dwarf Flax," a CNPS species whose entire range is found within only four counties in California.

30. Grinsell Ranch

Slide 5

Road on property, looking east toward Berryessa.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Carrizo Plains ER
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Project Area
Connectivity Areas
TNC Conservation Priority Areas
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Federal
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Kern County
58
La Panza
North Carrizo ER
Simmler
California Valley
McKittrick
Los Padres NF
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San Luis Obispo
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Twitchell Reservoir
Carrizo Plain NM
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Santa Maria River
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WCB State of California Wildlife Conservation Board
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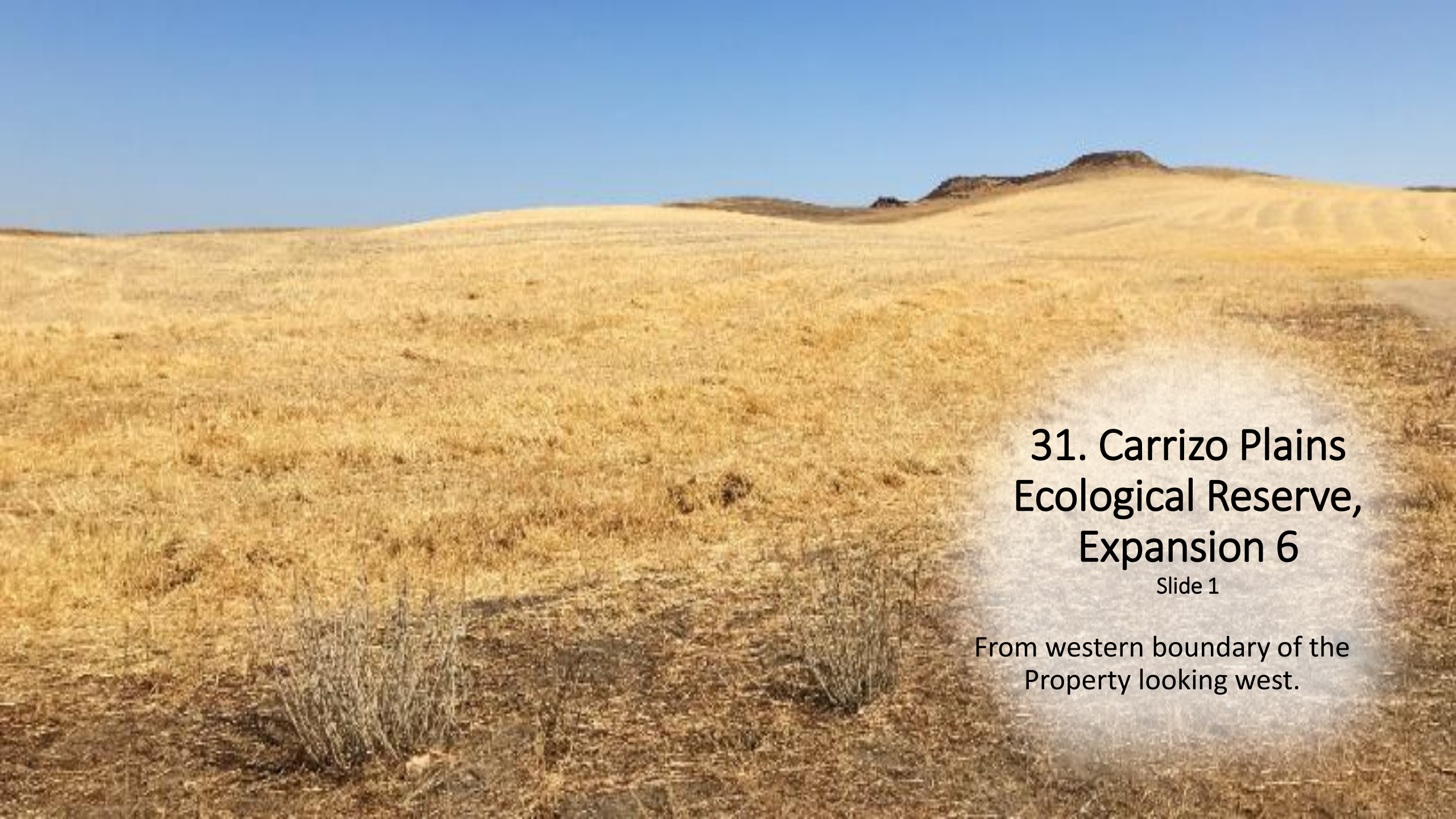
Miles
31 WCB 8/26/2020



31. Carrizo Plains Ecological Reserve, Expansion 6

Slide 1

From western boundary of the Property looking west.

31. Carrizo Plains Ecological Reserve, Expansion 6

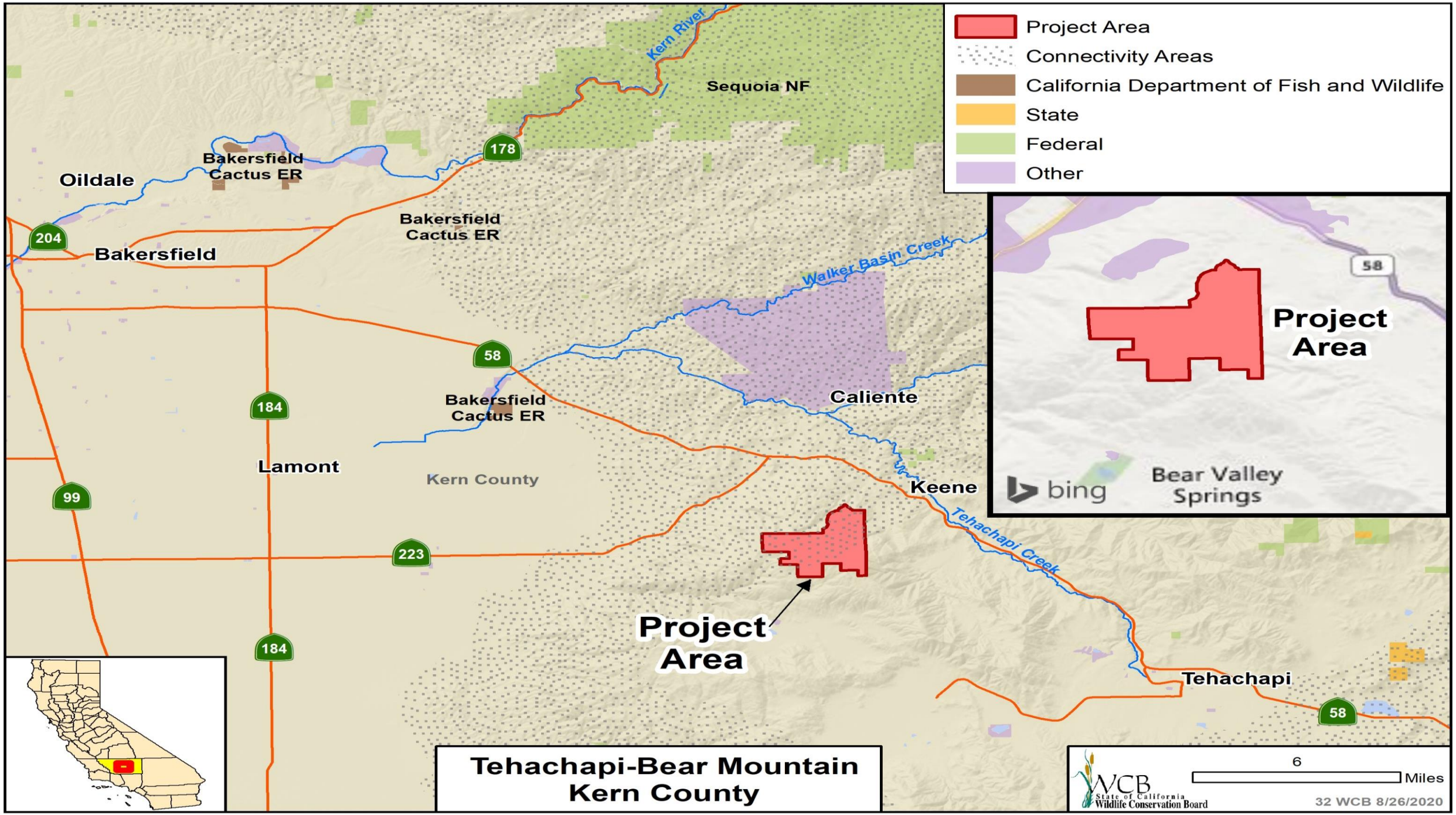
Slide 2

From center of the Property looking south.

31. Carrizo Plains Ecological Reserve, Expansion 6

Slide 3

Elk from the neighboring Carrizo Plains Ecological Reserve are found on the Property often.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California Department of Fish and Wildlife
State
Federal
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Sequoia NF
Oildale
Bakersfield Cactus ER
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Bakersfield
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Walker Basin Creek
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Bakersfield Cactus ER
Caliente
Lamont
Kern County
Keene
99
223
Tehachapi Creek
Project Area
184
Tehachapi
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Project Area
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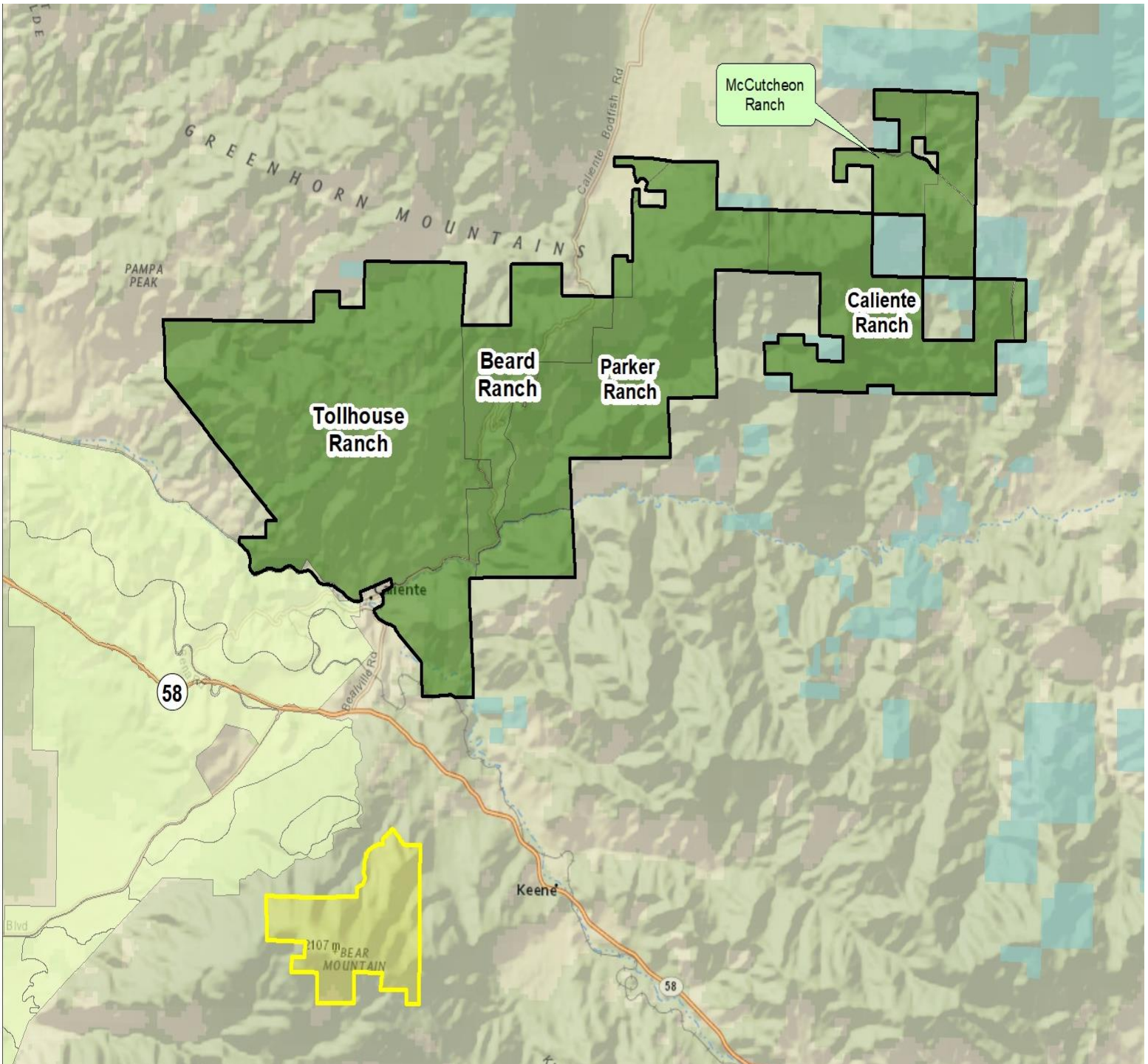
Bear Valley Springs
Tehachapi-Bear Mountain
Kern County
6
Miles
WCB State of California Wildlife Conservation Board
32 WCB 8/26/2020



32. Tehachapi-Bear Mountain

Slide 1

Tehachapi Preserve Bear Mountain addition

32. Tehachapi-Bear Mountain

Slide 2

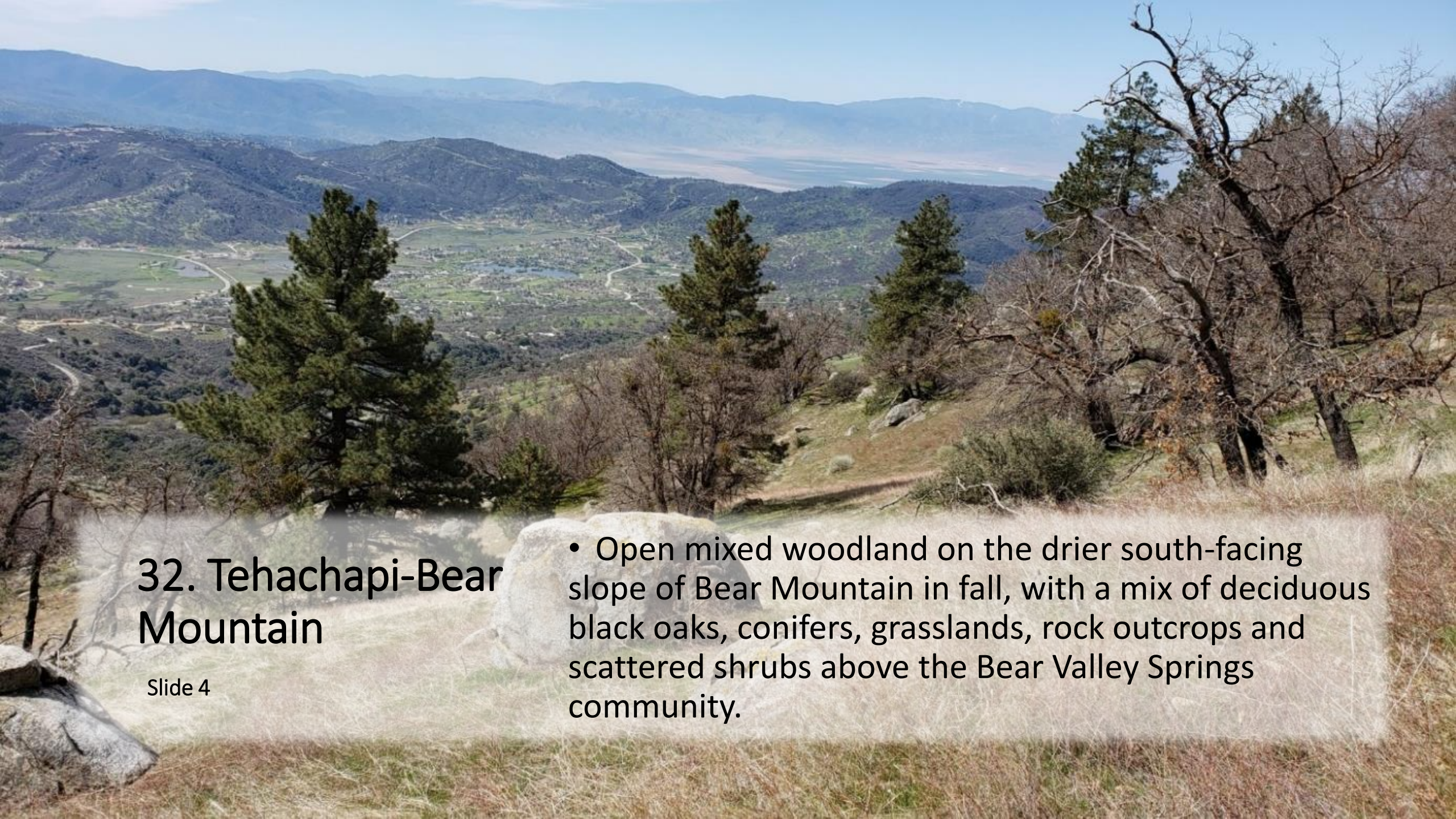
Tehachapi Linkage

- A vital connection between four ecoregions.

32. Tehachapi-Bear Mountain

Slide 3

View of Bear Mountain from the recently protected Beard Ranch located about 7 miles to the north.



32. Tehachapi-Bear Mountain

Slide 4

- Open mixed woodland on the drier south-facing slope of Bear Mountain in fall, with a mix of deciduous black oaks, conifers, grasslands, rock outcrops and scattered shrubs above the Bear Valley Springs community.

32. Tehachapi-Bear Mountain

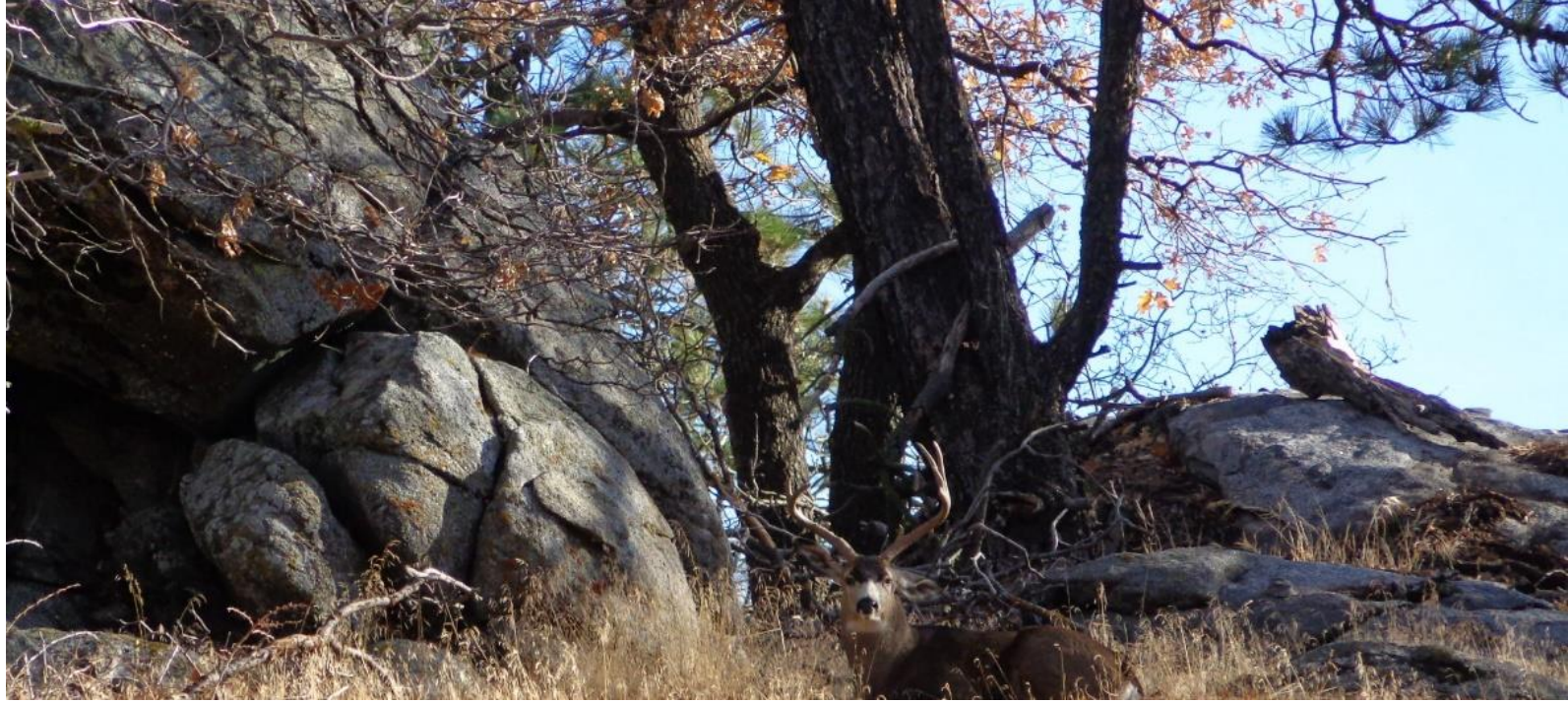
Slide 5

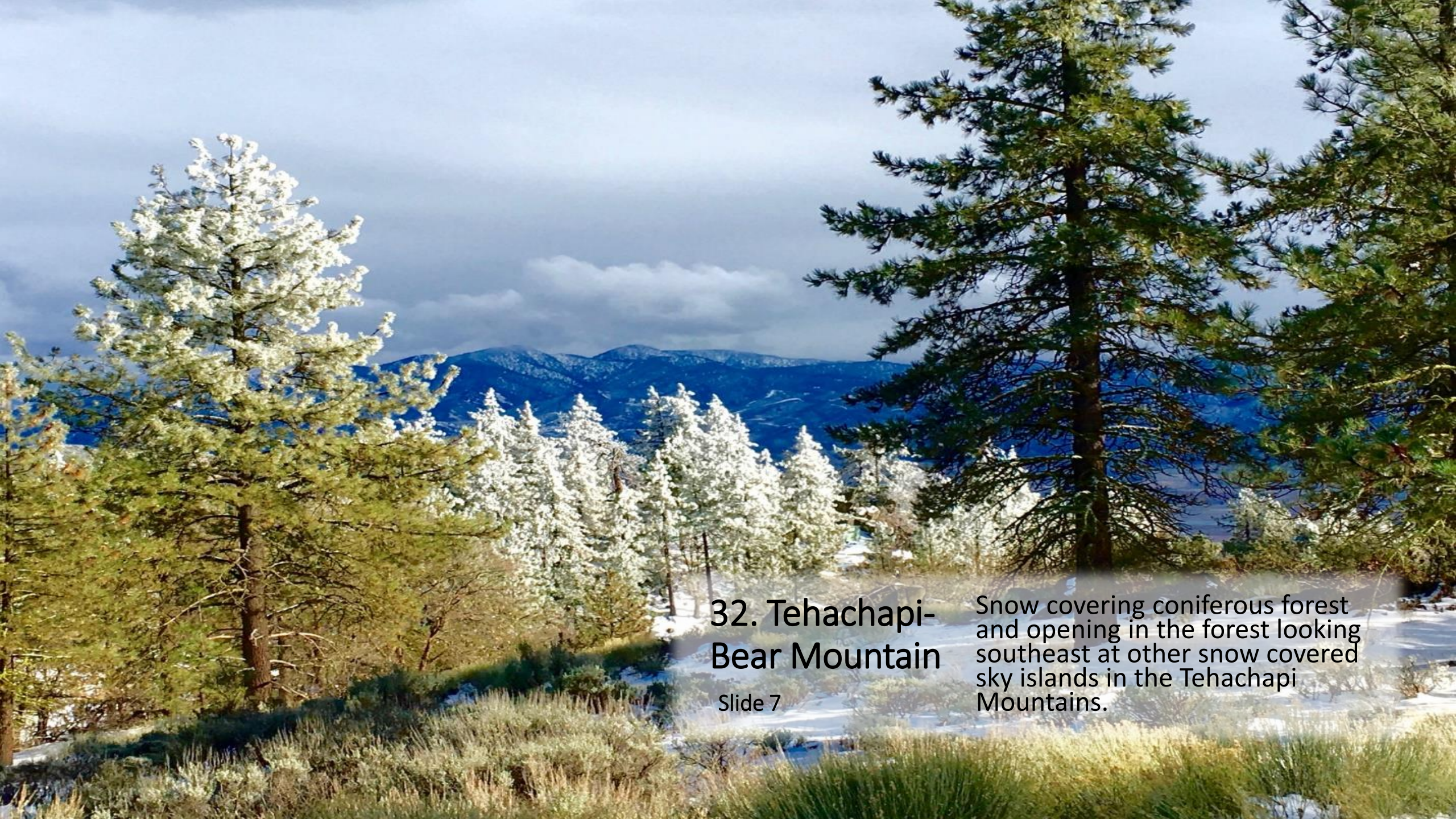
- Habitat mosaic along drier south-facing slope of Bear Mountain in fall, with a mix of deciduous black oaks, conifers, grasslands, rock outcrops and scattered shrubs.

32. Tehachapi-Bear Mountain

Slide6

- Small herd of mule deer in mixed coniferous forest
- Large mule deer buck under black oak in fall





32. Tehachapi-Bear Mountain

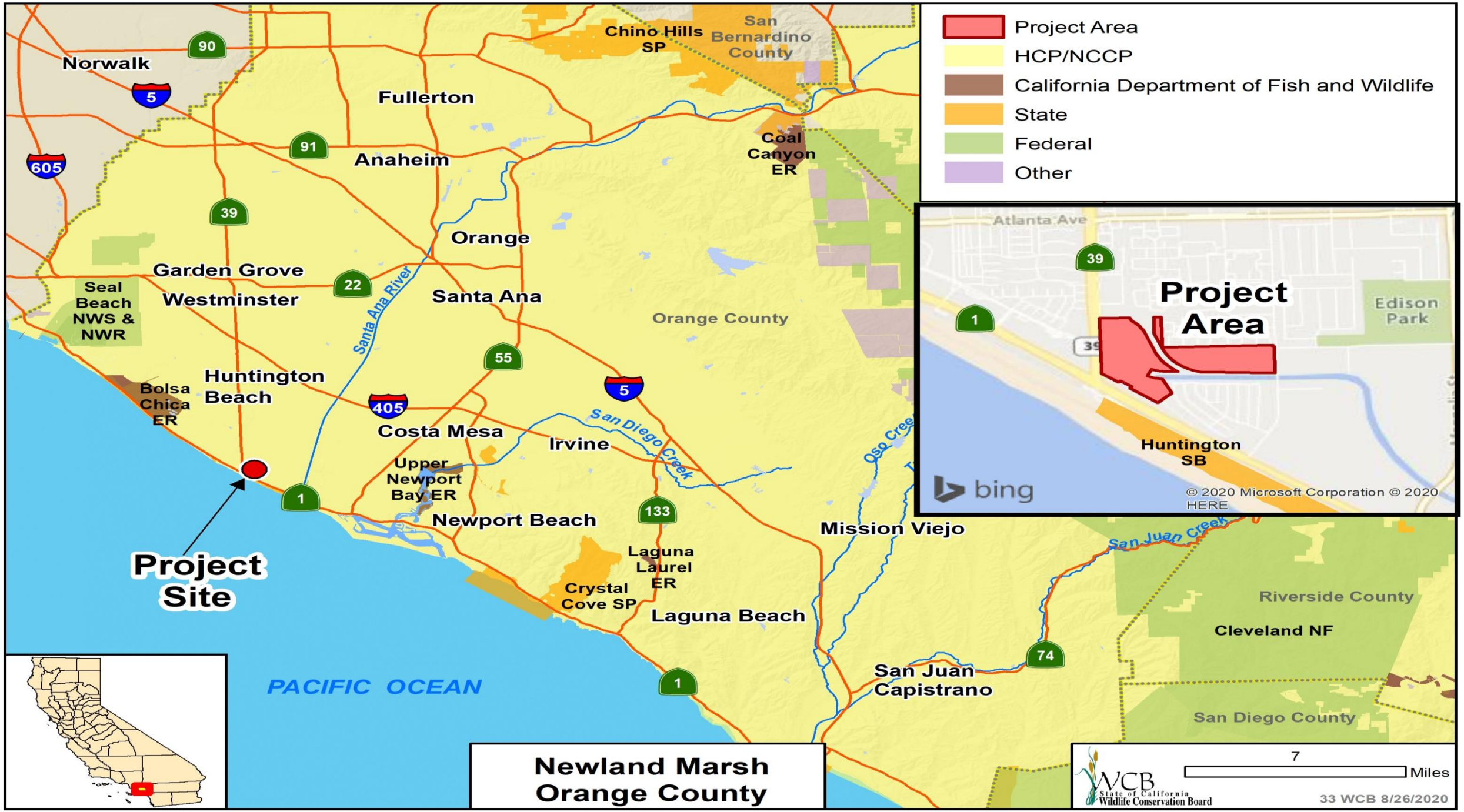
Slide 7

Snow covering coniferous forest and opening in the forest looking southeast at other snow covered sky islands in the Tehachapi Mountains.

32. Tehachapi-Bear Mountain

Slide 8

Light snow covering a diverse mosaic of habitats on Bear Mountain, from grassland to coniferous forest.


Project Area
HCP/NCCP
California Department of Fish and Wildlife
State
Federal
Other
Project Area
Atlanta Ave
Edison Park
Huntington SB
bing
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Project Site
Norwalk
Fullerton
Anaheim
Chino Hills SP
San Bernardino County
Coal Canyon ER
Orange
Garden Grove
Westminster
Seal Beach NWS & NWR
Santa Ana River
Santa Ana
Orange County
Huntington Beach
Bolsa Chica ER
Costa Mesa
Irvine
San Diego Creek
Upper Newport Bay ER
Newport Beach
Mission Viejo
Laguna Laurel ER
Crystal Cove SP
Laguna Beach
San Juan Creek
Riverside County
Cleveland NF
San Juan Capistrano
San Diego County
PACIFIC OCEAN
Newland Marsh
Orange County
7
Miles
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33. Newland Marsh

Slide 1

- Newland Marsh is a degraded salt marsh and one of the four major components of the Huntington Beach Wetlands Complex (Wetlands Complex), a 191-acre wetlands complex located on the west side of the Santa Ana River consisting of Talbert Marsh, Brookhurst Marsh, Magnolia Marsh, and Newland Marsh.

33. Newland Marsh

Slide 2

- Newland Marsh Vegetation Map

33. Newland Marsh
Slide 3

Aerial view of property

33. Newland Marsh

Slide 4

Aerial view of property

33. Newland Marsh

Slide 5

- Newland Marsh West (boundaries are PCH to the south, Beach Blvd. to the west, town homes to the north and the Huntington Beach Flood Channel to the East). Photo credit Huntington Beach Wetlands Conservancy.

33. Newland Marsh

Slide 6

- Newland Marsh West (boundaries are PCH to the south, Beach Blvd. to the west, town homes to the north and the Huntington Beach Flood Channel to the East). Photo credit Huntington Beach Wetlands Conservancy.

Wildlife Conservation Board Meeting
Closed Session

WCB State of California Wildlife Conservation Board

Meeting Adjourned. Stay Safe and Healthy, Enjoy Your Day!