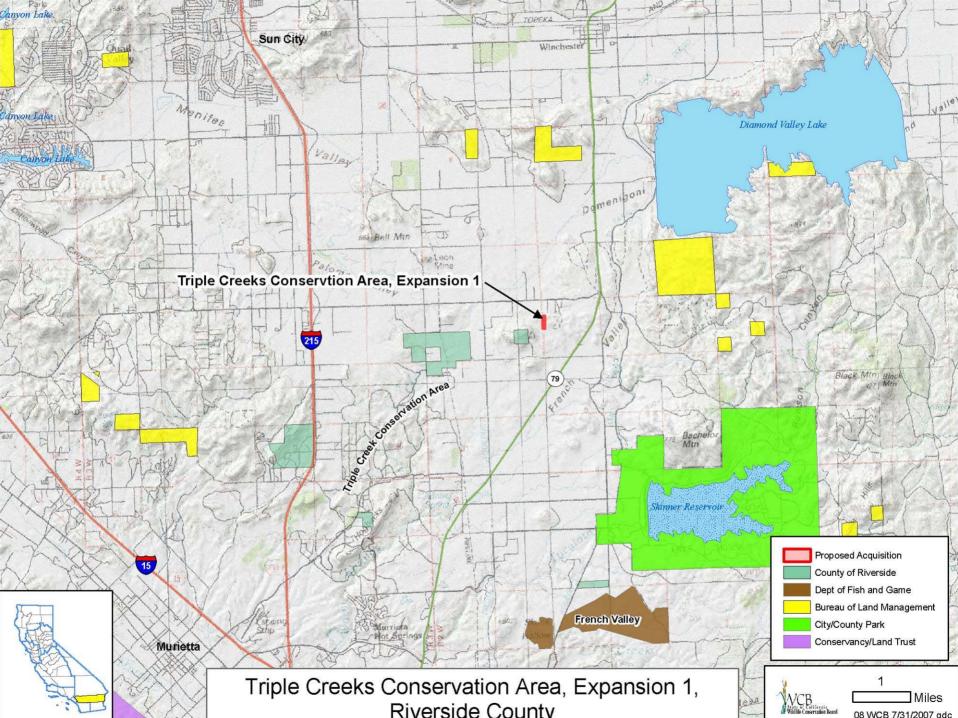
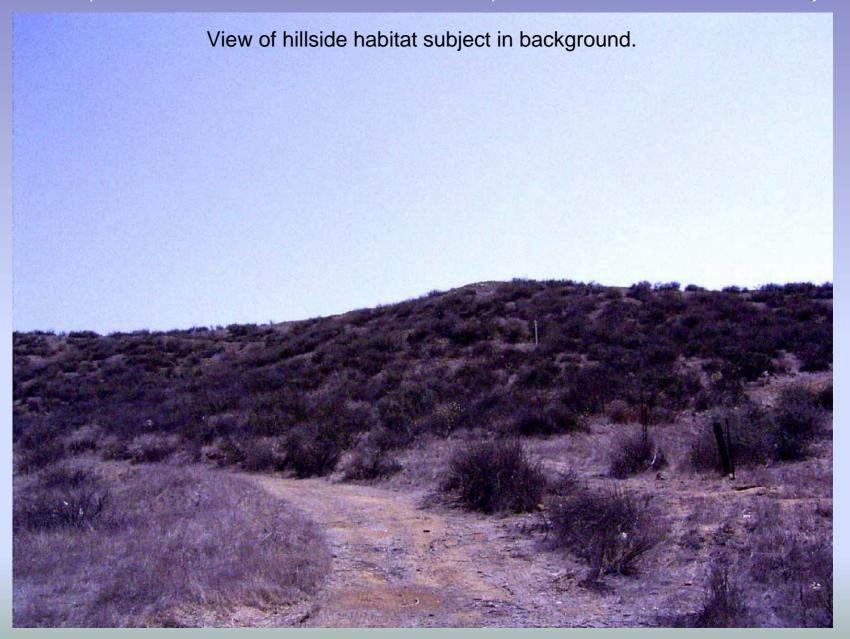
Burcham Flat Area, Mono County
August 23, 2007 WCB Board Meeting
State Capitol, Room 112
Sacramento, California 95814

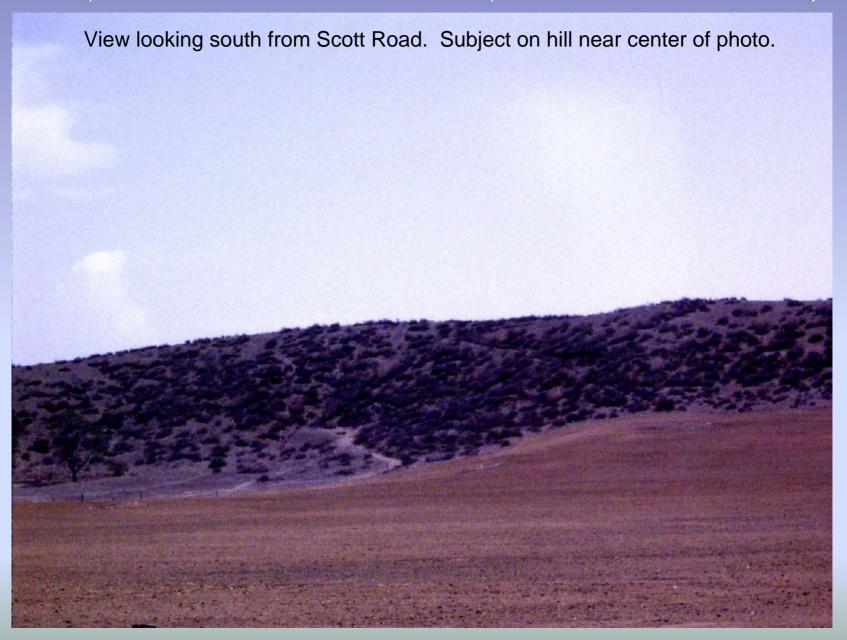




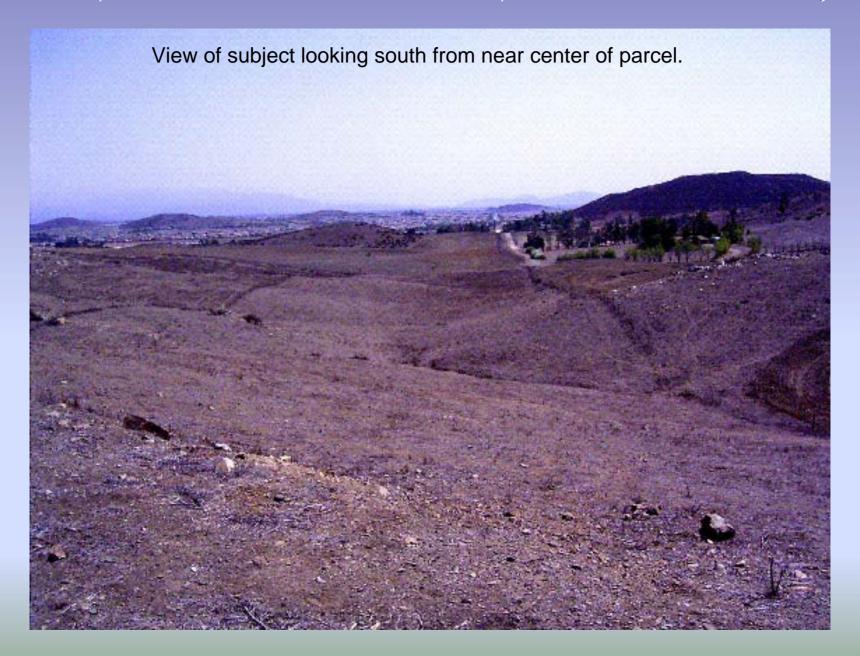
08 Triple Creeks Conservation Area, Expansion 1, Riverside County



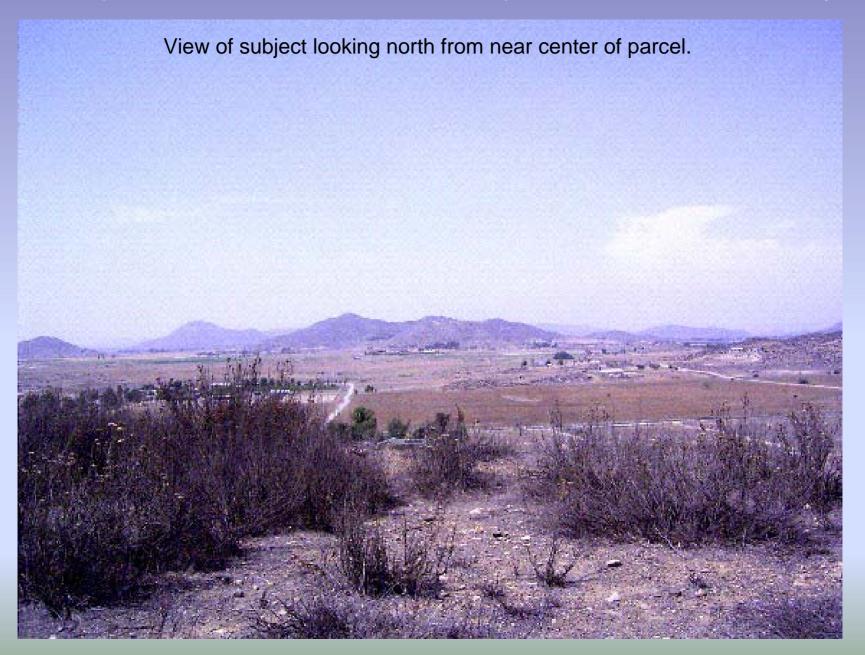
08 Triple Creeks Conservation Area, Expansion 1, Riverside County

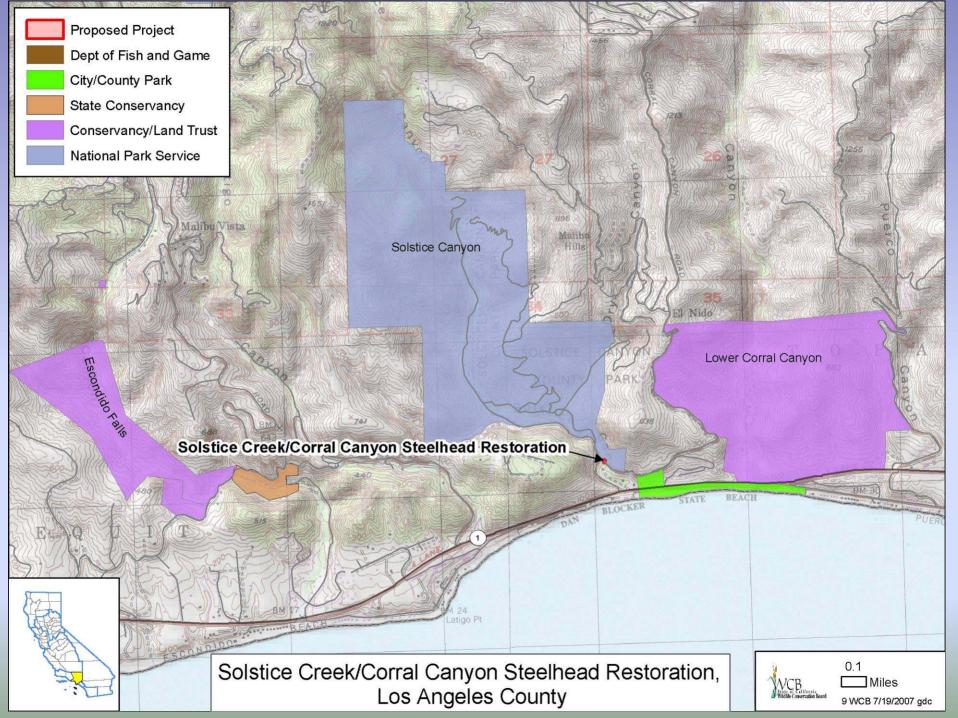


08 Triple Creeks Conservation Area, Expansion 1, Riverside County

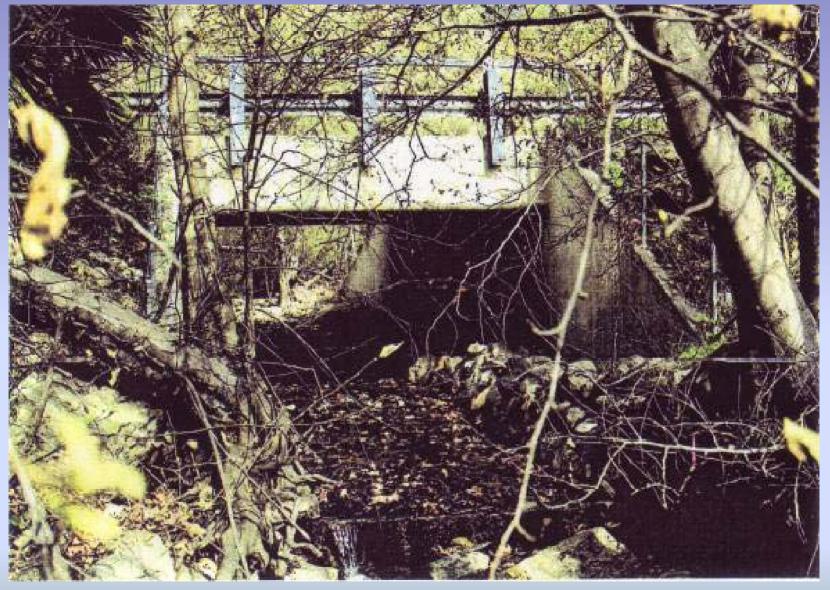


08 Triple Creeks Conservation Area, Expansion 1, Riverside County



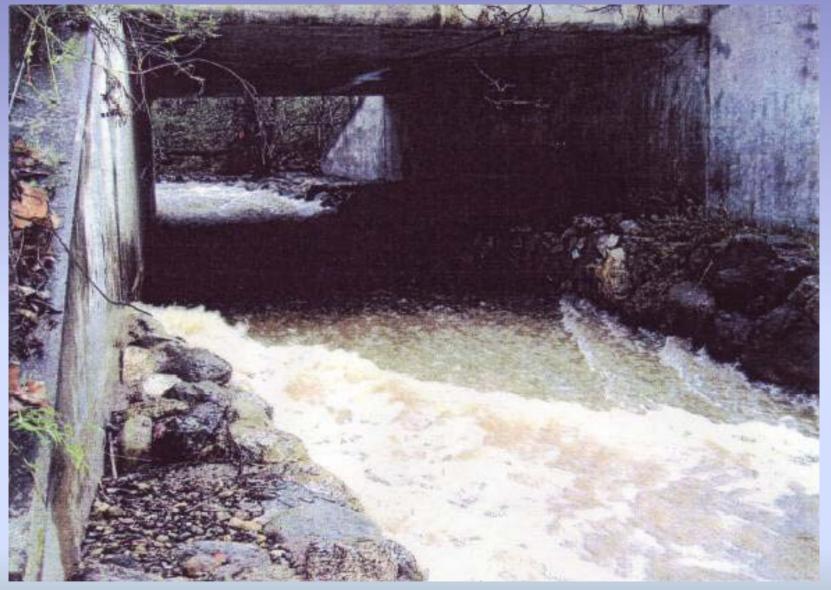


09 Solstice Creek/Corral Canyon Steelhead Restoration, Los Angeles County



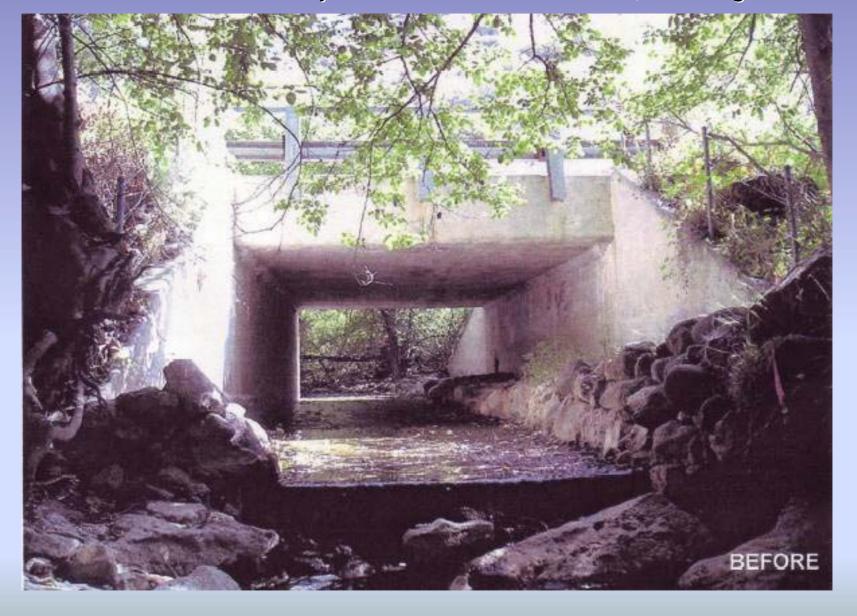
Low flow condition during dry season in Solstice Creek.

09 Solstice Creek/Corral Canyon Steelhead Restoration, Los Angeles County

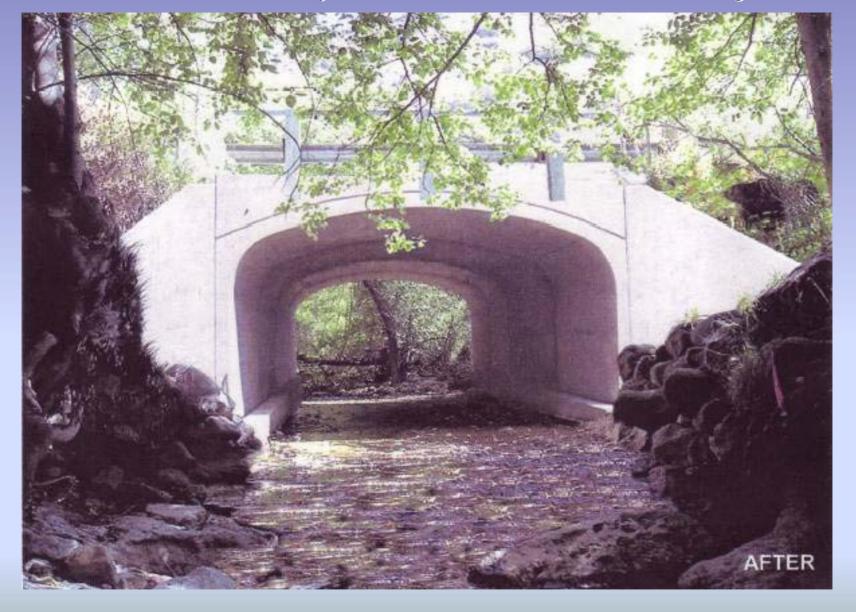


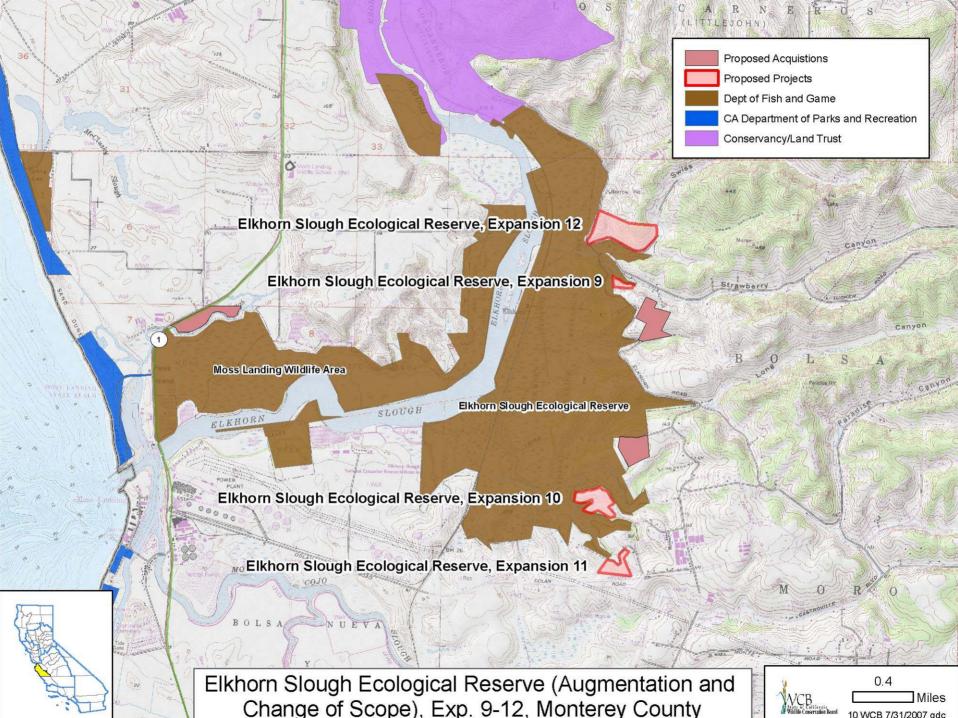
High flow condition during a rain event. Note: water velocities in culvert are a velocity barrier to fish passage and have been confirmed using Fish X'ing software.

09 Solstice Creek/Corral Canyon Steelhead Restoration, Los Angeles County



09 Solstice Creek/Corral Canyon Steelhead Restoration, Los Angeles County





10 Elkhorn Slough Ecological Reserve (Augmentation and Change of Scope), Expansions 9 to 12, Monterey County



Interior view of Expansion 9 property.



View across the slough of Expansion 10 property

10 Elkhorn Slough Ecological Reserve (Augmentation and Change of Scope), Expansions 9 to 12, Monterey County

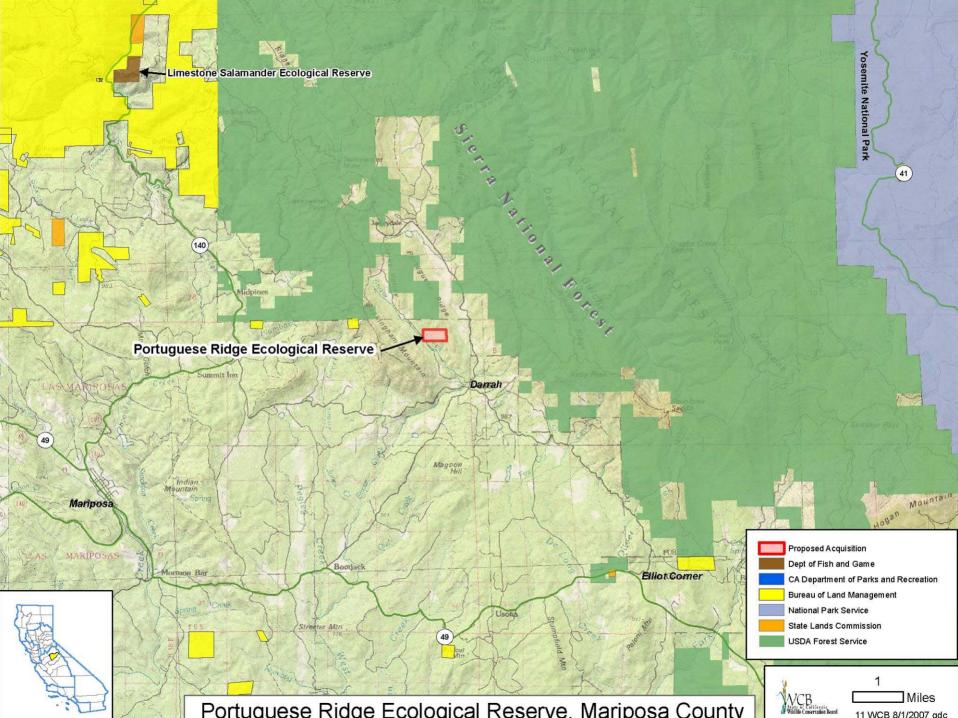


Woodlands on Expansion 11 property

10 Elkhorn Slough Ecological Reserve (Augmentation and Change of Scope), Expansions 9 to 12, Monterey County



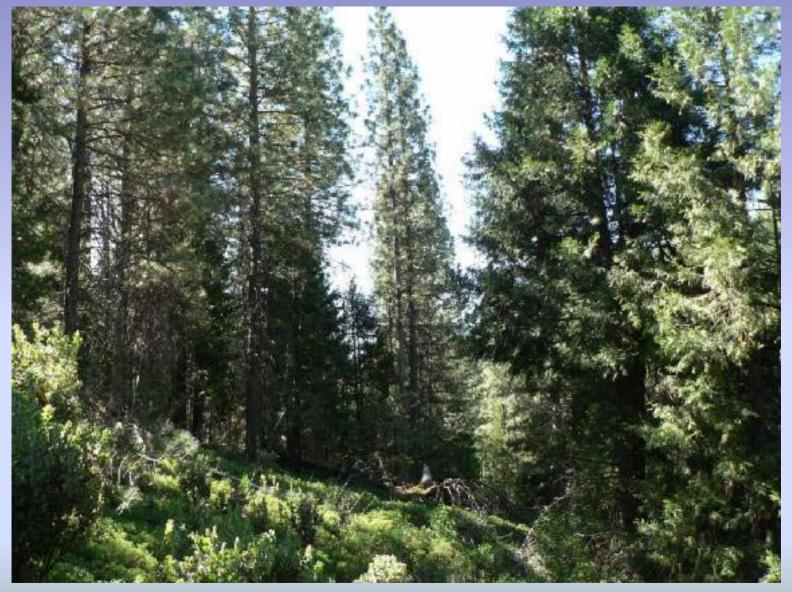
Woodlands and grasslands on Expansion 12 property



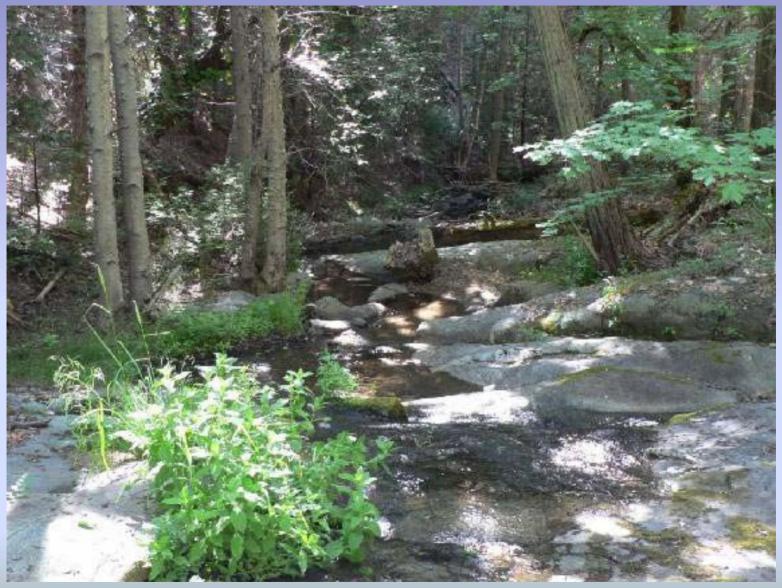
11 Portuguese Ridge Ecological Reserve, Mariposa County



Looking southeast at the oaks and pines on Ridge



Looking southeast from ridge



Looking east down Snow Creek



Looking northwest at large black oak

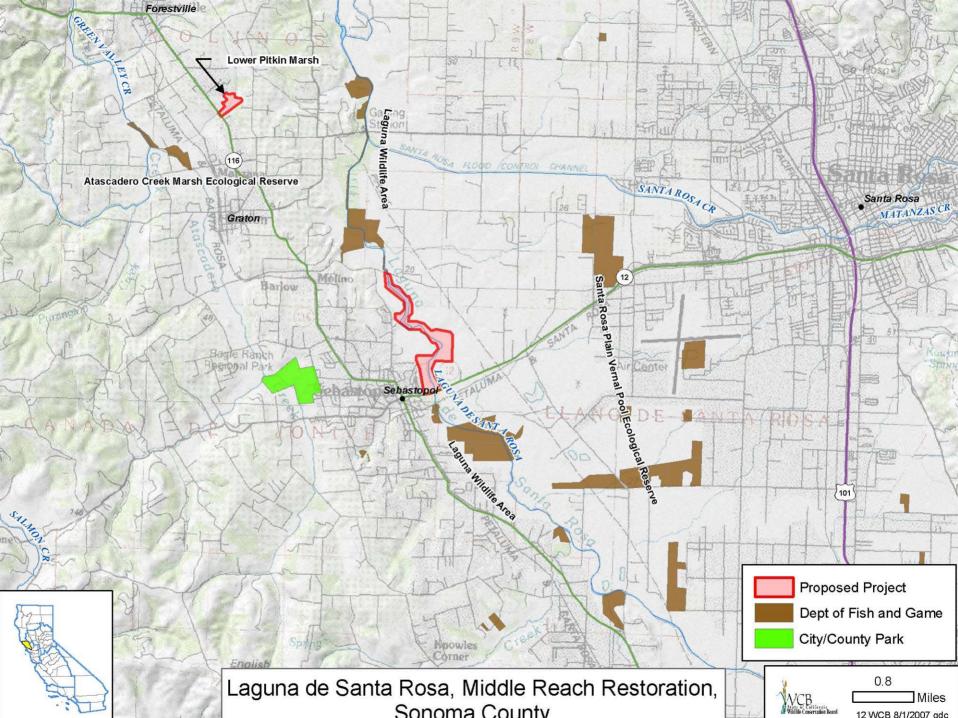
11 Portuguese Ridge Ecological Reserve, Mariposa County



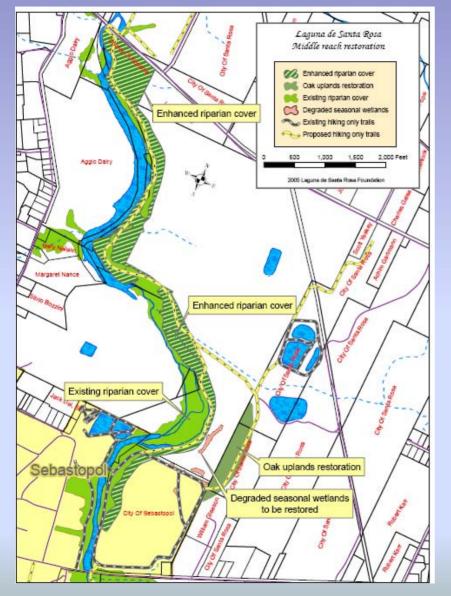
Blanket of ladybugs overwintering in large masses for their protection



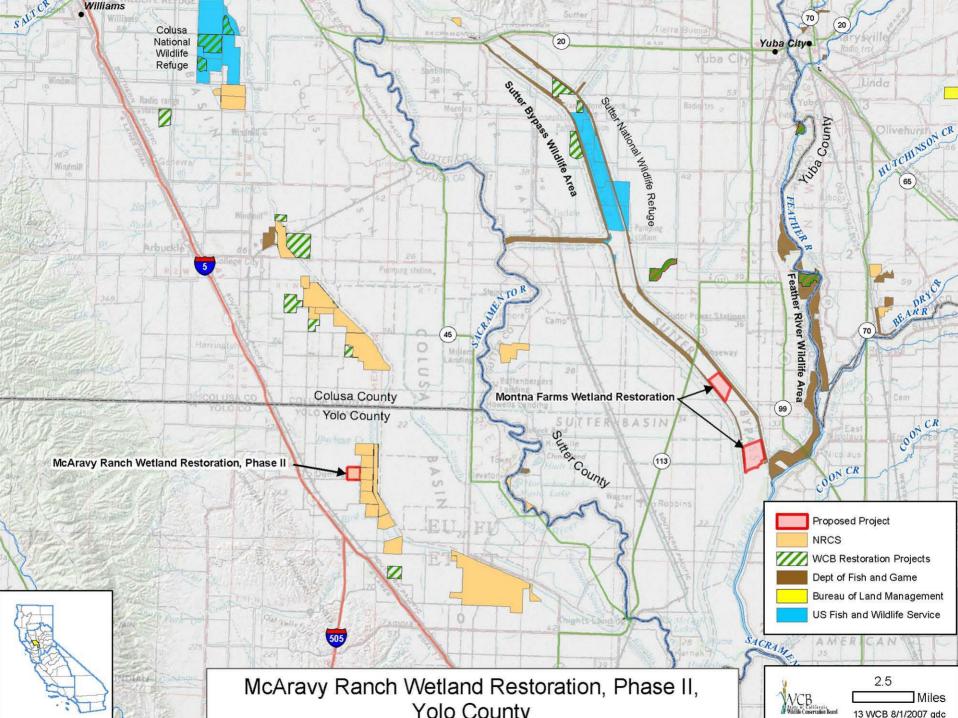
Ladybugs overwintering in Large Masses for their Protection



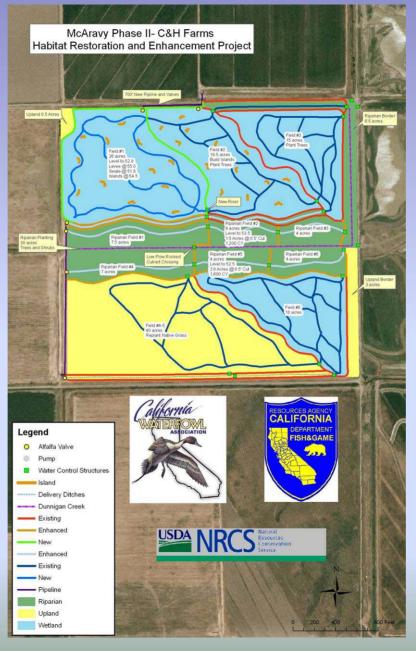
12 Laguna de Santa Rosa Middle Reach Restoration, Sonoma County







13 McAravy Ranch Wetland Restoration, Phase II, Yolo County



13 McAravy Ranch Wetland Restoration, Phase II, Yolo County



Weedy fallow field will be restored to seasonal wetlands.

13 McAravy Ranch Wetland Restoration, Phase II, Yolo County

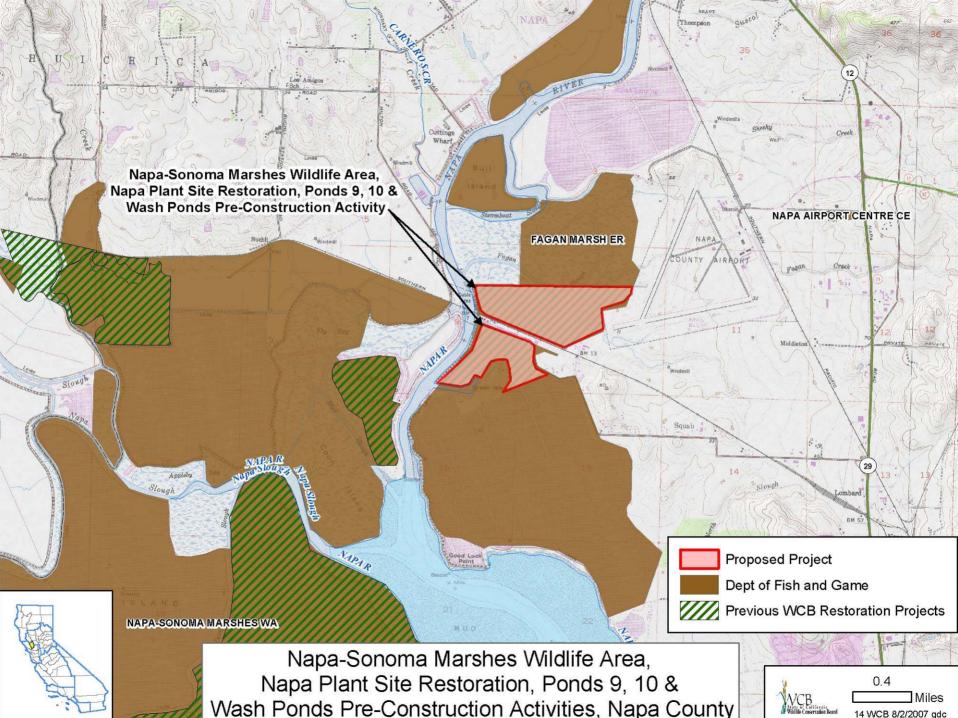


Return basin and lift pump on adjacent property will be used to irrigate wetlands.

13 McAravy Ranch Wetland Restoration, Phase II, Yolo County



Previously restored wetland, owned by the same landowner, located immediately adjacent to proposed project.



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



Northeastern corner of pond 10 (looking southwest)

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



Northwestern corner of pond 9 (looking south)

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

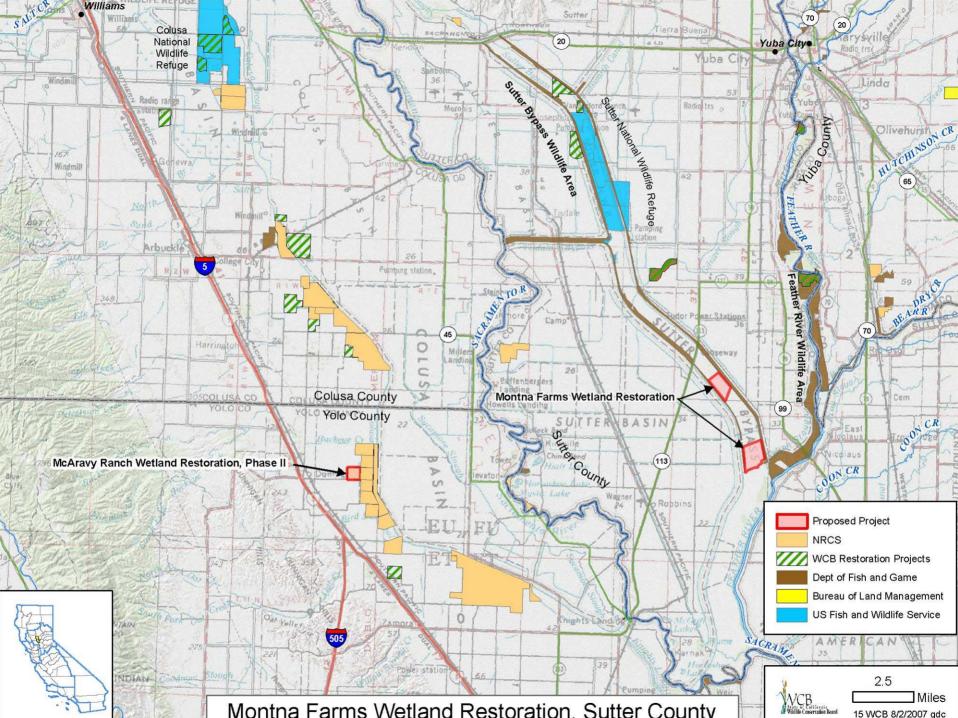


Seasonal wetland habitats (looking northeast)

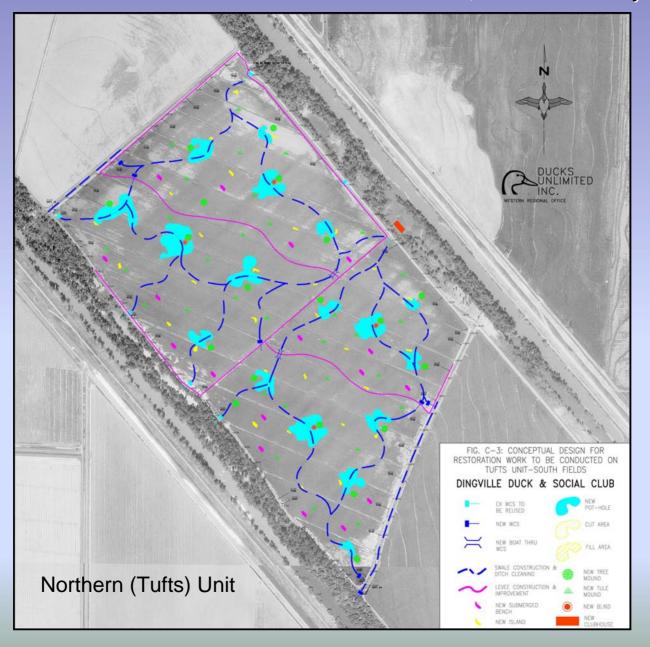
14 Napa-Sonoma Marshes Wildlife Area, Napa Plant Site Restoration, Ponds 9,10, and Wash Ponds Pre-Construction Activities, Napa County



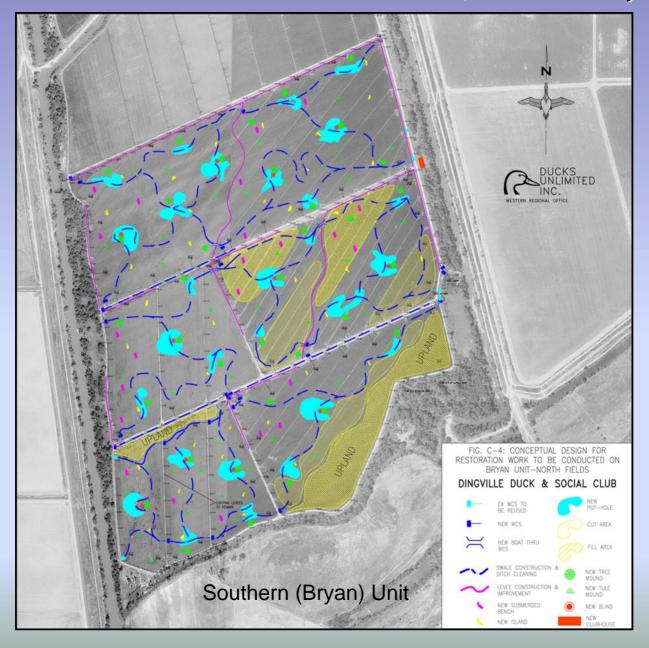
Overhead view of wash pond area of Phase 1 Restoration



15 Montna Farms Wetland Restoration, Sutter County



15 Montna Farms Wetland Restoration, Sutter County



15 Montna Farms Wetland Restoration, Sutter County



Existing rice fields will be restored to seasonal wetlands. The tree line is DFG's Sutter Wildlife Area.

15 Montna Farms Wetland Restoration, Sutter County

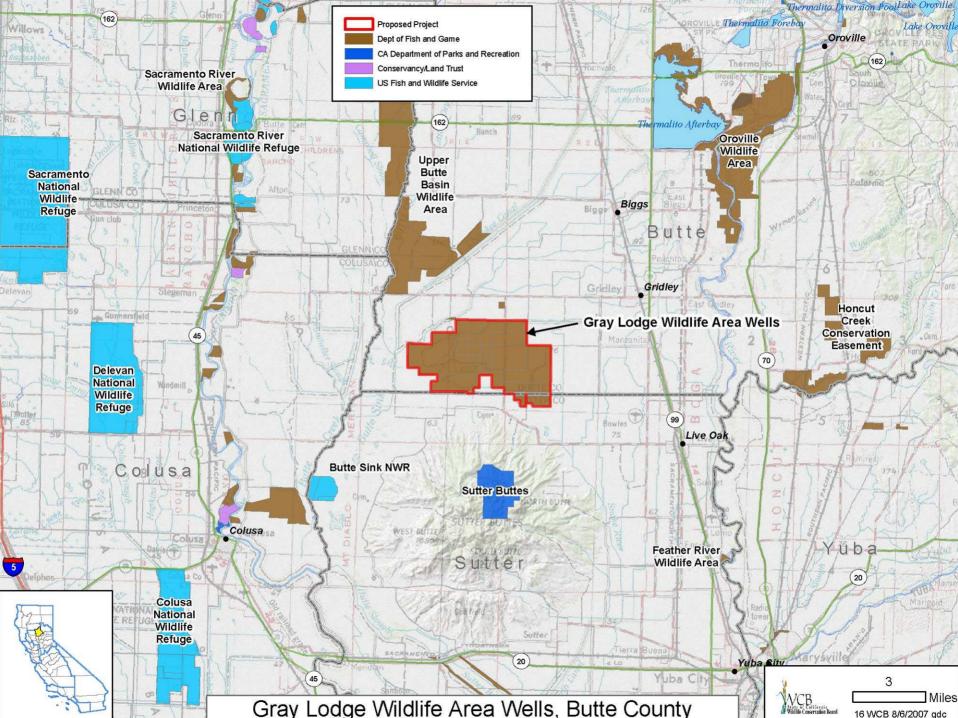


Ibis use the property now, but....

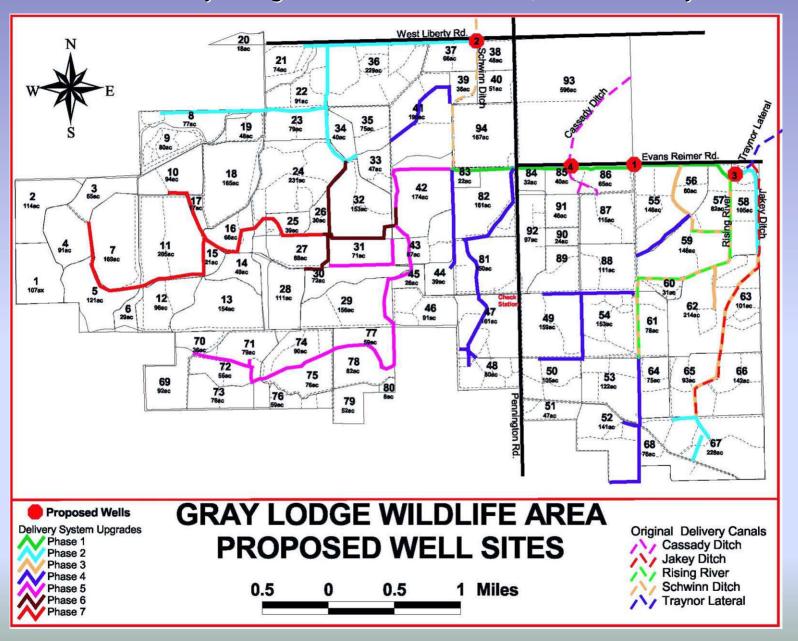
15 Montna Farms Wetland Restoration, Sutter County



...seasonal wetlands, like these in the Sutter National Wildlife Refuge just five miles to the north, provide much more habitat value for ibis and many other species.



16 Gray Lodge Wildlife Area Wells, Butte County



16 Gray Lodge Wildlife Area Wells, Butte County

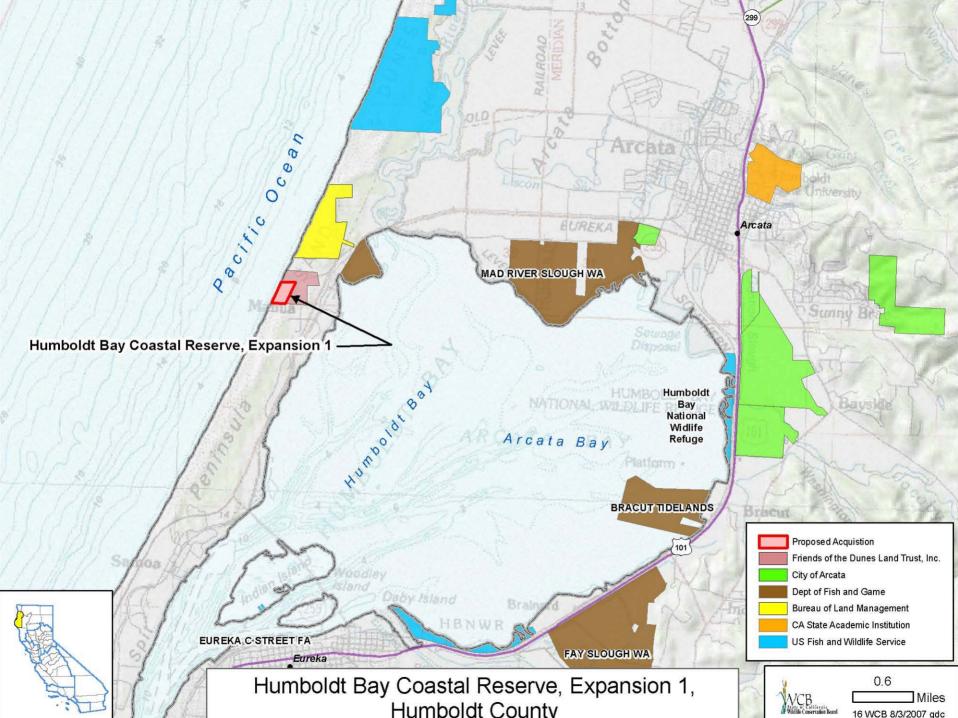


Old agricultural wells, similar to this, will be retired.

16 Gray Lodge Wildlife Area Wells, Butte County



The new wells will provide reliable year-round water to maintain the Wildlife Area's many wetlands.



17 Humboldt Bay Coastal Reserve, Expansion 1, Humboldt County



Viewed looking south

17 Humboldt Bay Coastal Reserve, Expansion 1, Humboldt County



Viewed looking southwest

17 Humboldt Bay Coastal Reserve, Expansion 1, Humboldt County



Viewed looking northwest

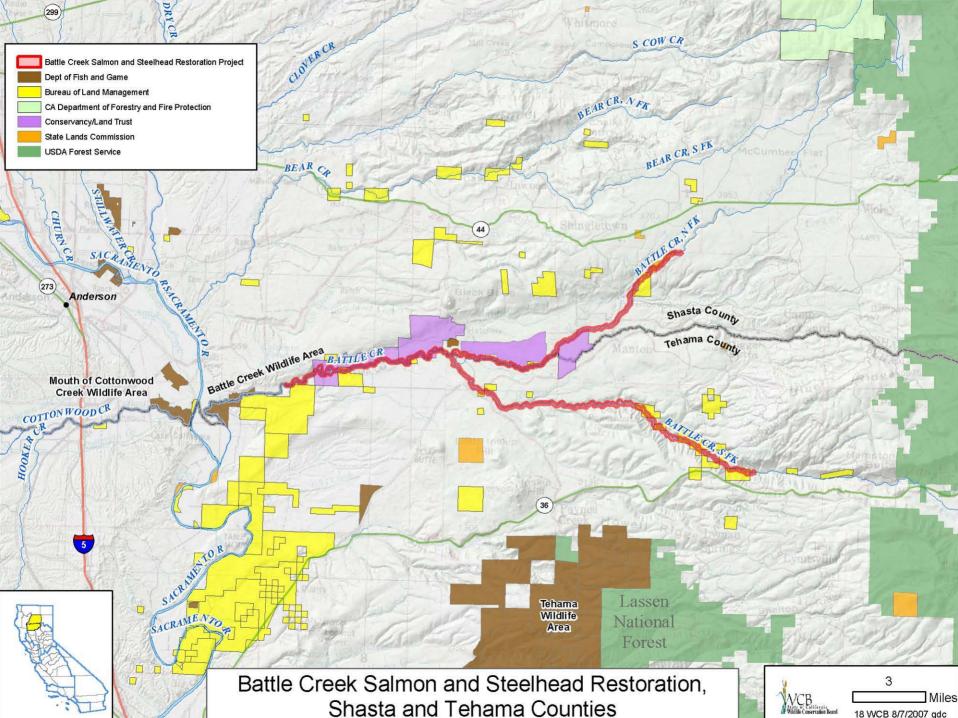
17 Humboldt Bay Coastal Reserve, Expansion 1, Humboldt County



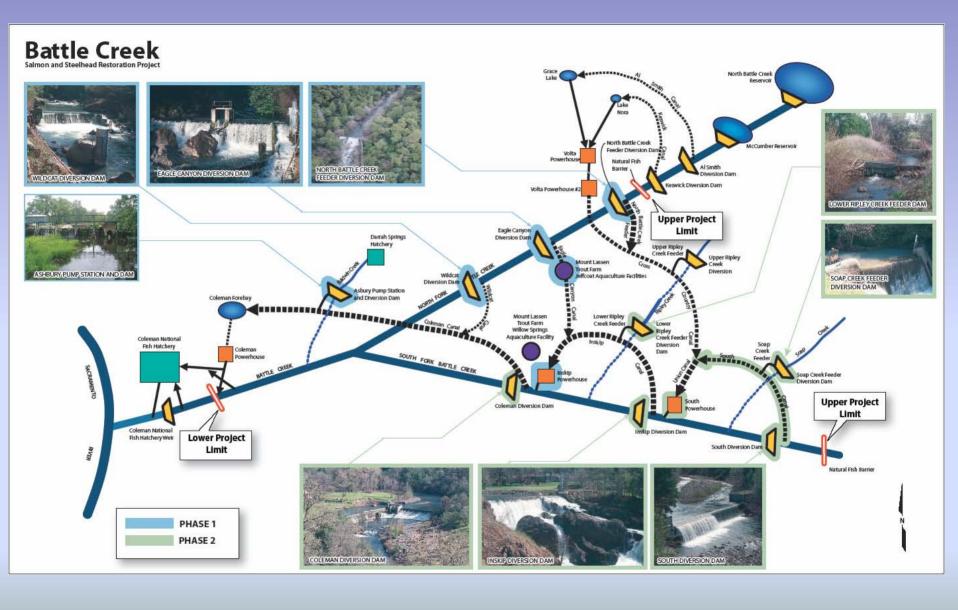
Viewed looking south

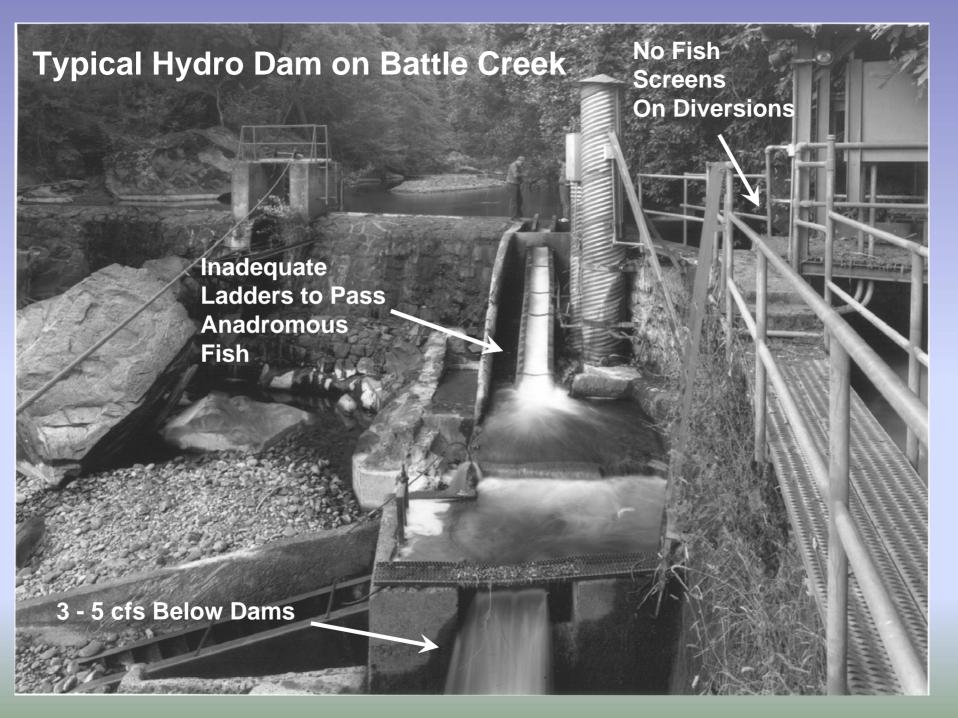
Battle Creek Salmon and Steelhead Restoration Project





18 Battle Creek Salmon and Steelhead Restoration Project, Shasta County







KEYS to SUCCESS

- Removal of Five Dams within the next three years
- Restored Instream Flows
- Restored Fish Passage

EXPECTED OUTCOME

- ➤ Unimpaired passage of adult and juvenile Salmon and Steelhead;
- > Restored ecosystem function;
- Significant contribution to recovery of anadromous fish in Sacramento Basin;
- Increased recreational opportunity;
- > Continued viability of the hydropower production system; and
- > Community Support.

19 Department of Fish and Game Vegetation Classification and Mapping Program, Statewide

DFG Vegetation Classification and Mapping Program

Conservation planning and resource management through:

- improved regional conservation planning,
- wildland fire/fuels modeling for improved preparedness,
- identifying potential rare and endangered species locations,
- predicting the spread of invasive species,
- early scoping for transportation projects to avoid rather than mitigate impacts,
- prioritizing land acquisitions for parks and ecological reserves,
- identifying important wildlife corridors,
- setting a baseline for monitoring impacts of global climate change.

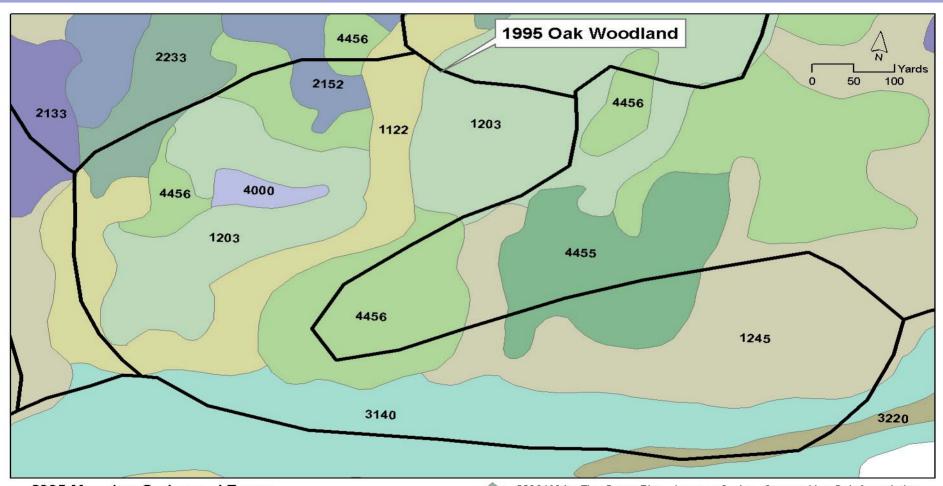


What is it? Vegetation defined on the ground, digital input, map tools, aerial photography, defined and assessed, final map creation using multiple layers



What it looks like: Mapped polygons showing vegetation types by color coding:

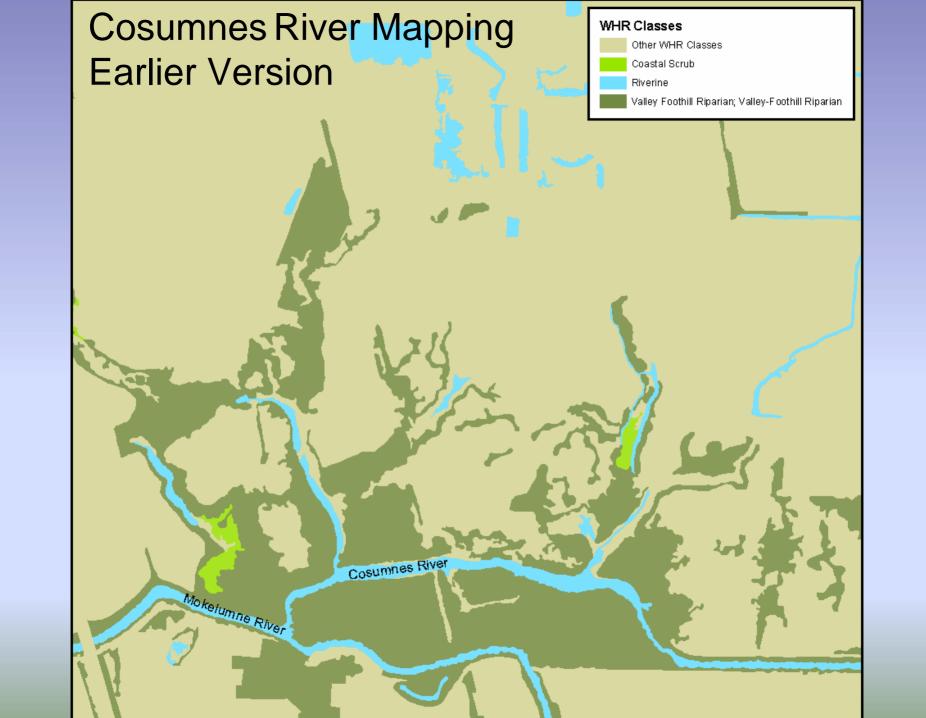
Black = 1995 Mapping Multi-color = Current Mapping

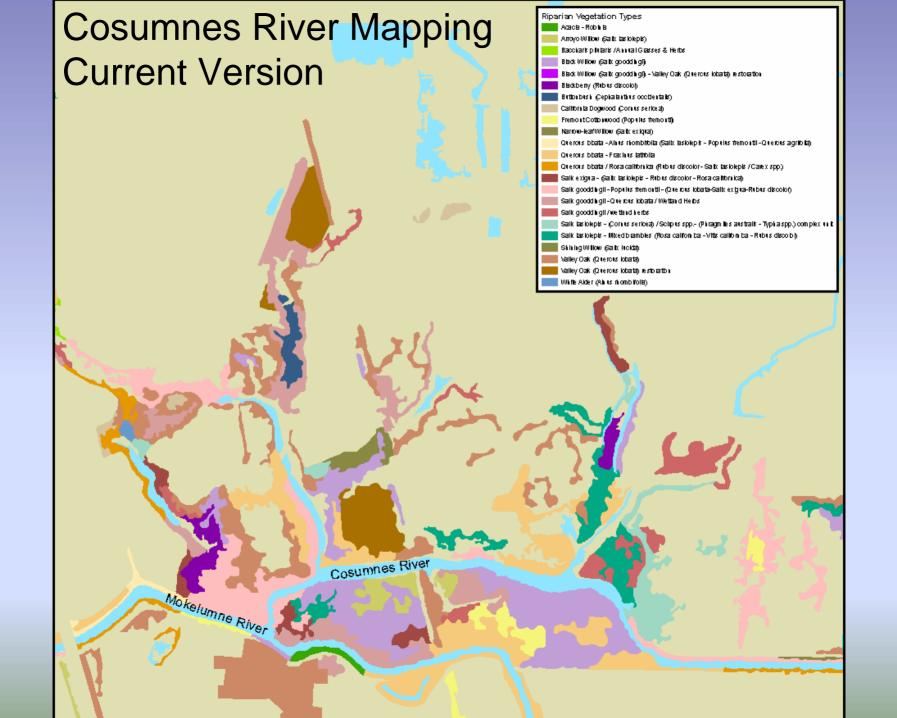


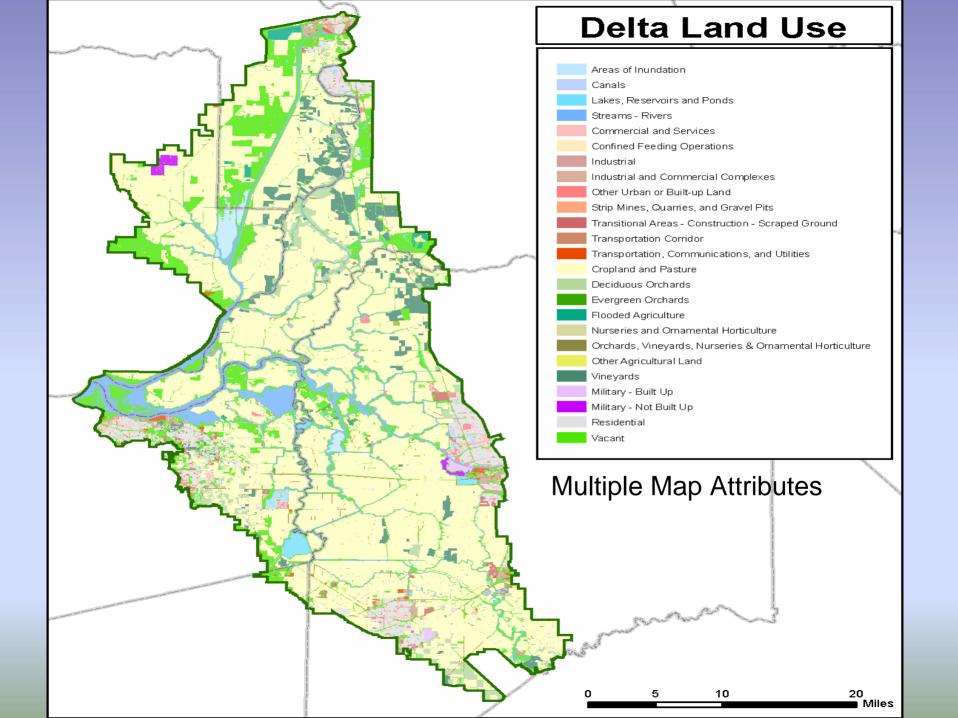
2005 Mapping Codes and Types

- 1122 Canyon Live Oak Allianceÿ
- 1203 Interior Live Oak Canyon Live Oak Alliance
- 1245 Interior Live Oak Canyon Live Oak Coulter Pine Association
- 2133 Coulter Pine / Eastwood Manzanita Alliance
- ◆ 2152 Coulter pine Canyon live oak / Pink-bracted Manzanita Association

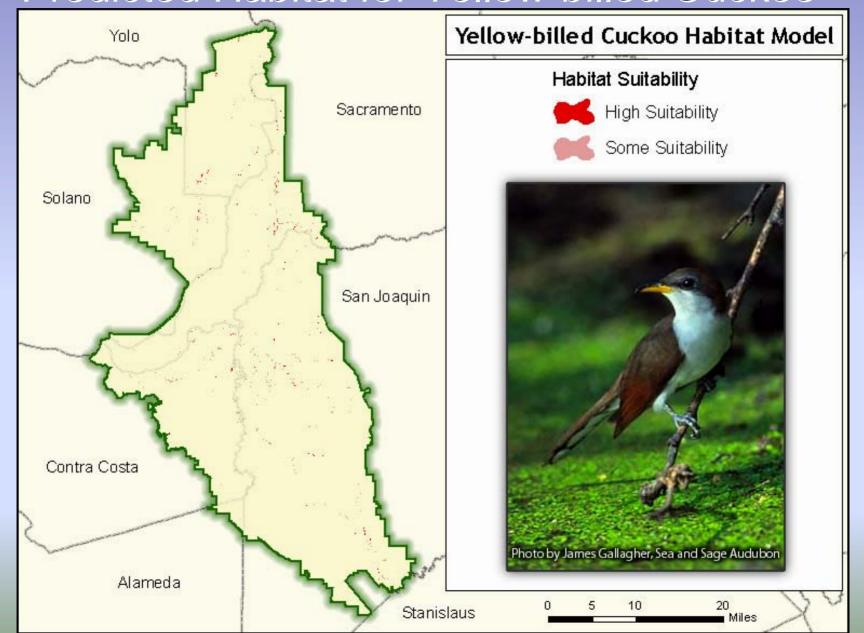
- 2233 White Fir Sugar Pine Incense Cedar Canyon Live Oak Association
- 3140 Black Oak Incense Cedar Association
- 3220 White Alder Alliance
- 4000 Evergreen Shrubland Formation
- 4455 Eastwood Manzanita Interior Live Oak Association
- 4456 Eastwood Manzanita Pink-bracted Manzanita Association



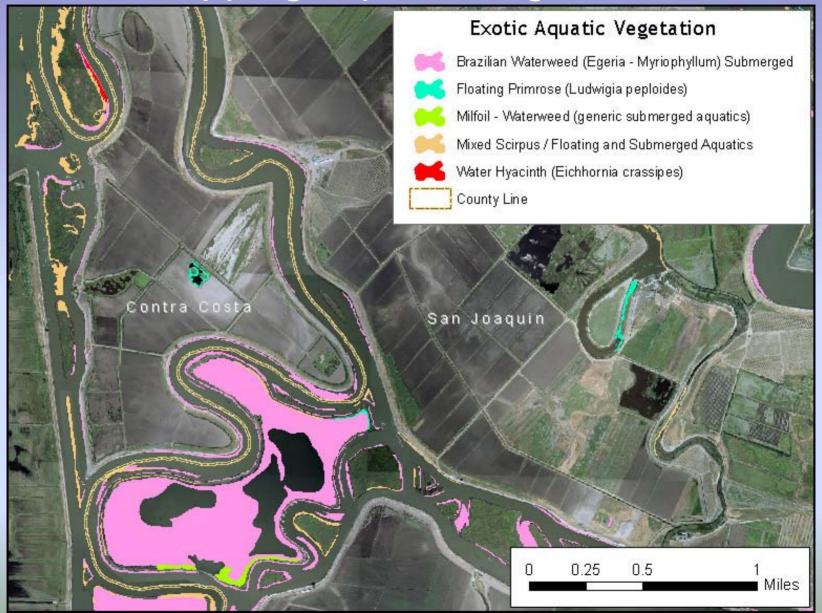




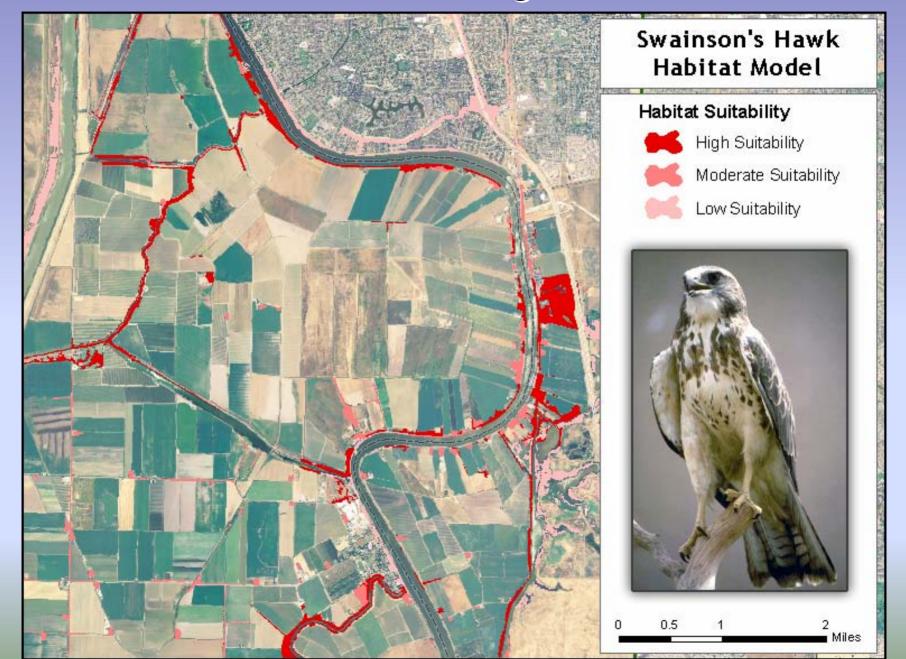
Predicted Habitat for Yellow-billed Cuckoo



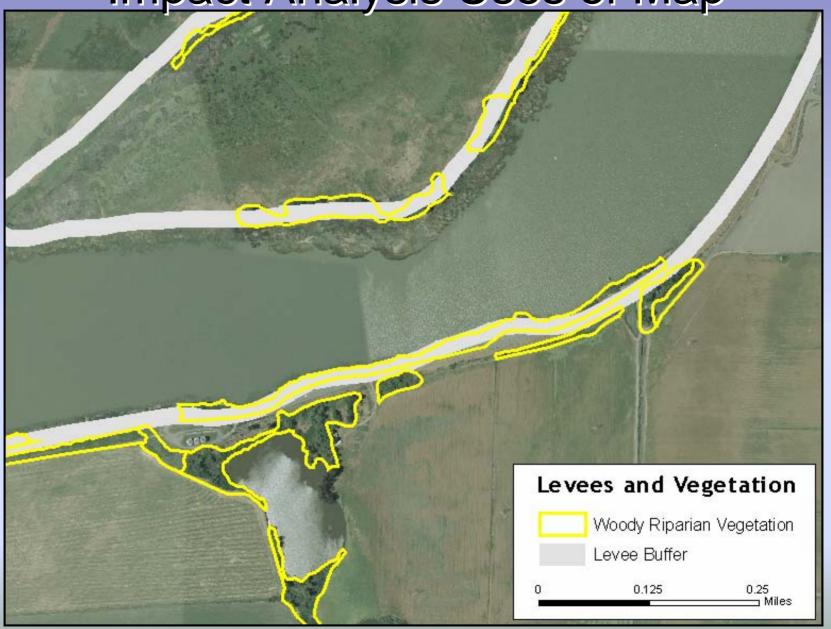
Mapping Aquatic Vegetation



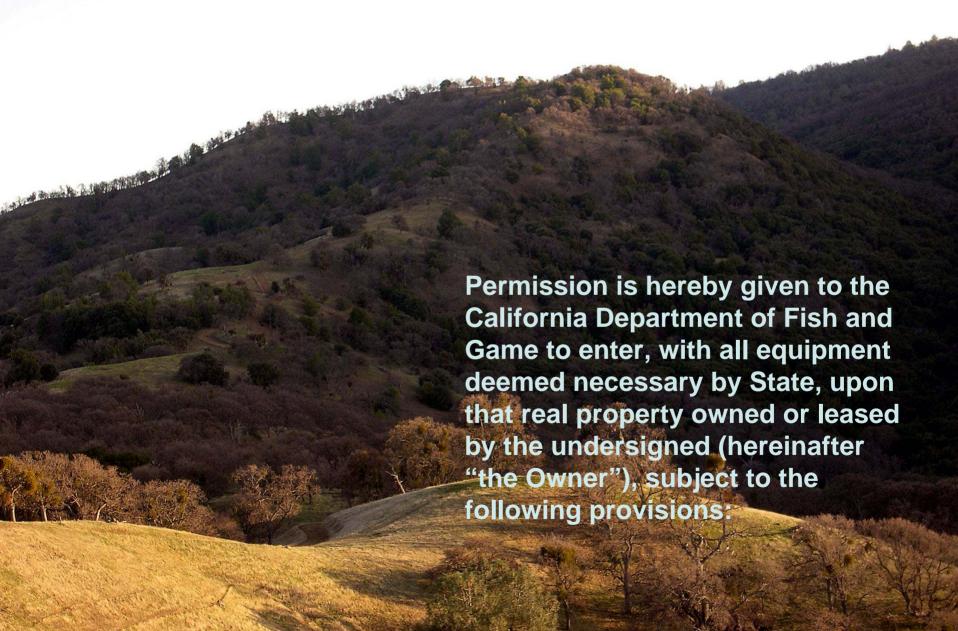
Predicted Nesting Habitat

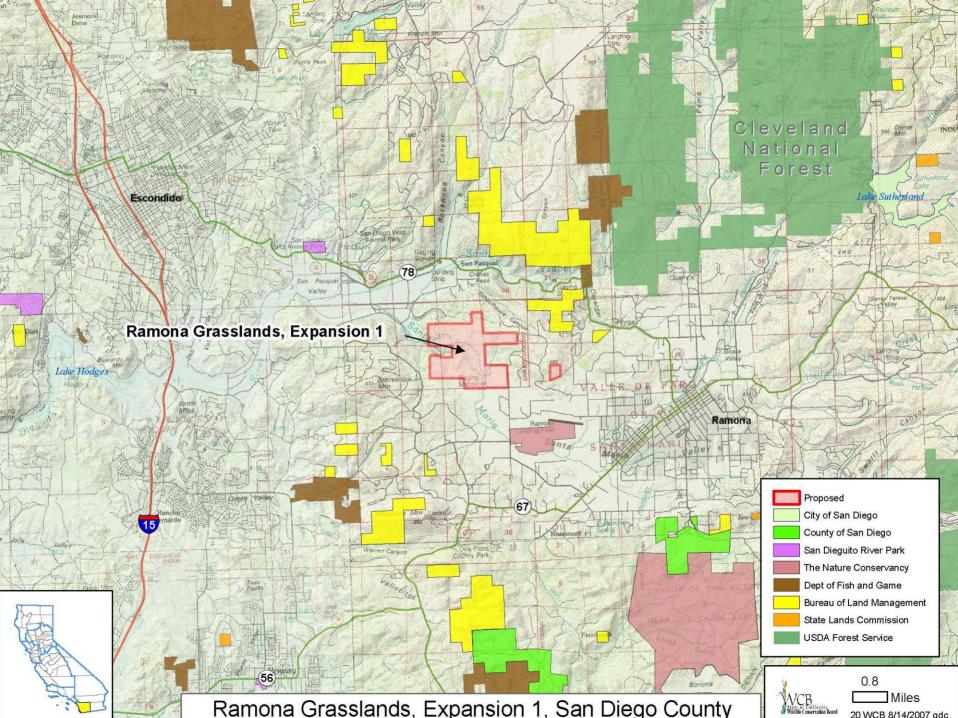


Impact Analysis Uses of Map



TEMPORARYENTRY PERMITS ARE STRICTLY VOLUNTARY





20 Ramona Grasslands, Expansion 1, San Diego County



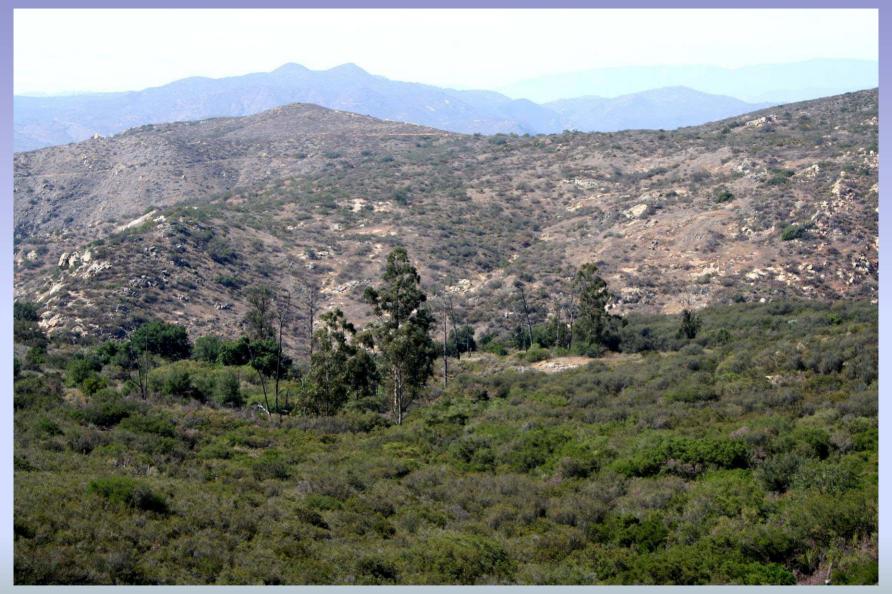
Looking North & West Across the grasslands from Rangeland Road at the Southeast corner of the property

20 Ramona Grasslands, Expansion 1, San Diego County



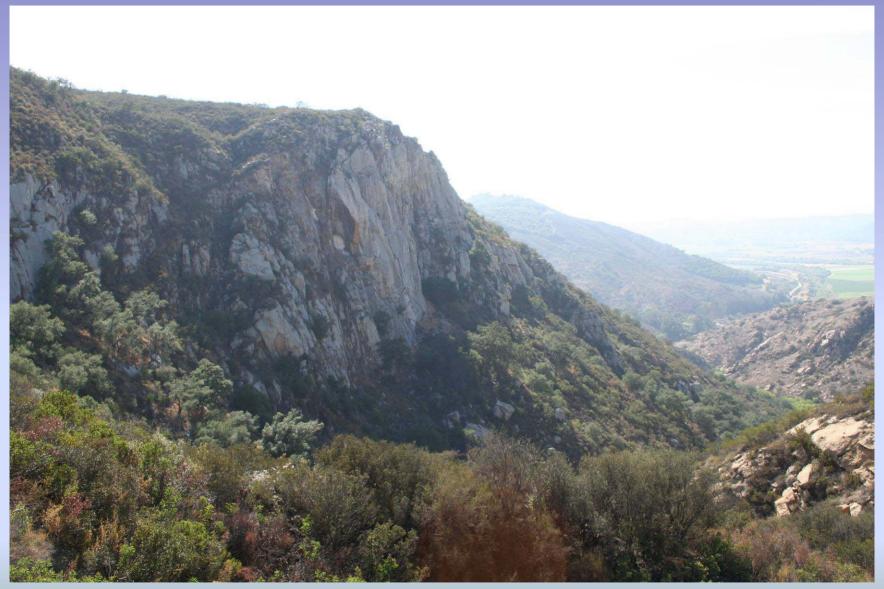
Grasslands and live oaks on the Southern border of the Gildred ranch

20 Ramona Grasslands, Expansion 1, San Diego County



Bandy Canyon (Santa Maria Creek)

20 Ramona Grasslands, Expansion 1, San Diego County



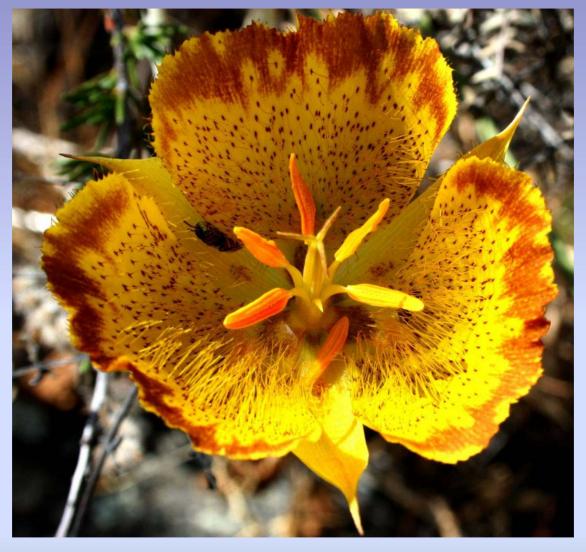
Cliff, upland chaparral, and riparian habitat, Northwest portion of property. On right, Santa Maria creek flows toward San Pascual Valley

20 Ramona Grasslands, Expansion 1, San Diego County

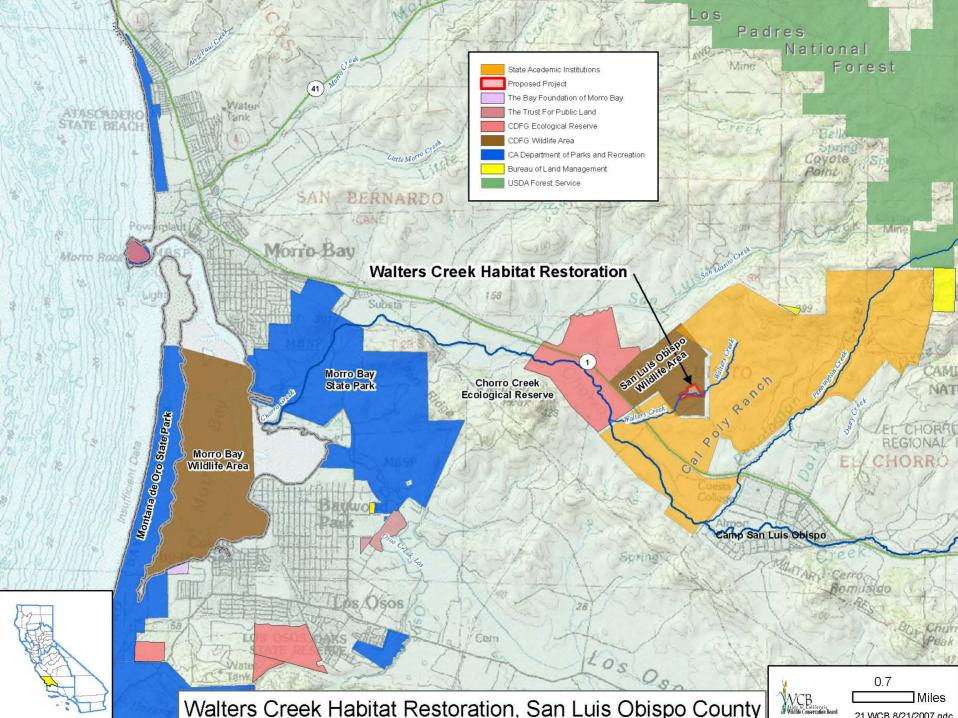


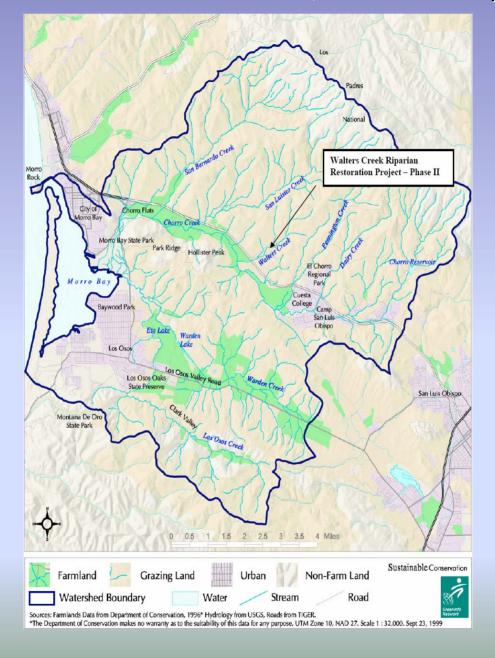
Approaching Development to East of Property

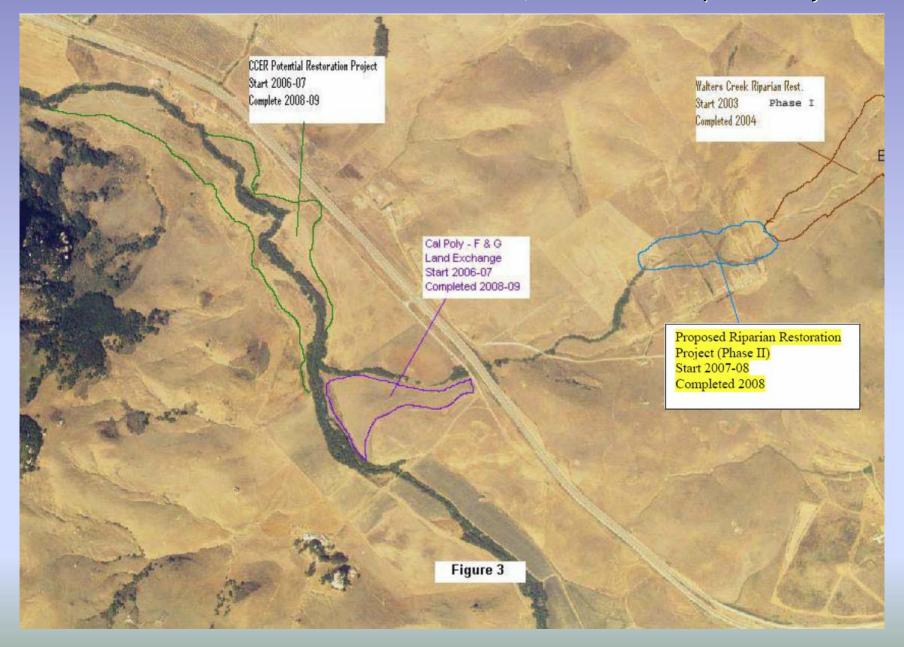
20 Ramona Grasslands, Expansion 1, San Diego County



Weed's Mariposa Lilly (Calochortus weedii) – "an unusual and beautiful specimen"

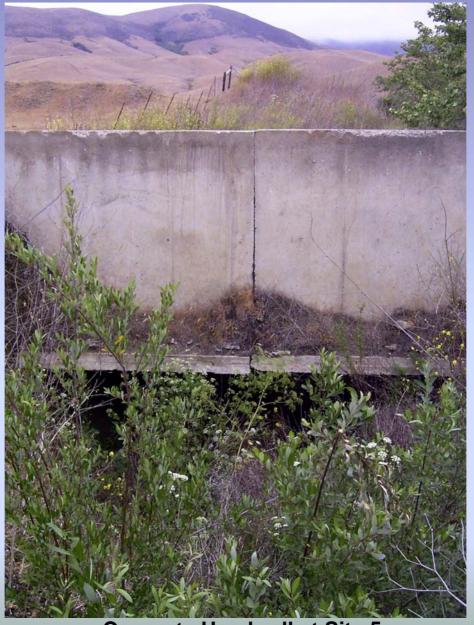








Typical Conditions in Walters Creek



Concrete Headwall at Site 5

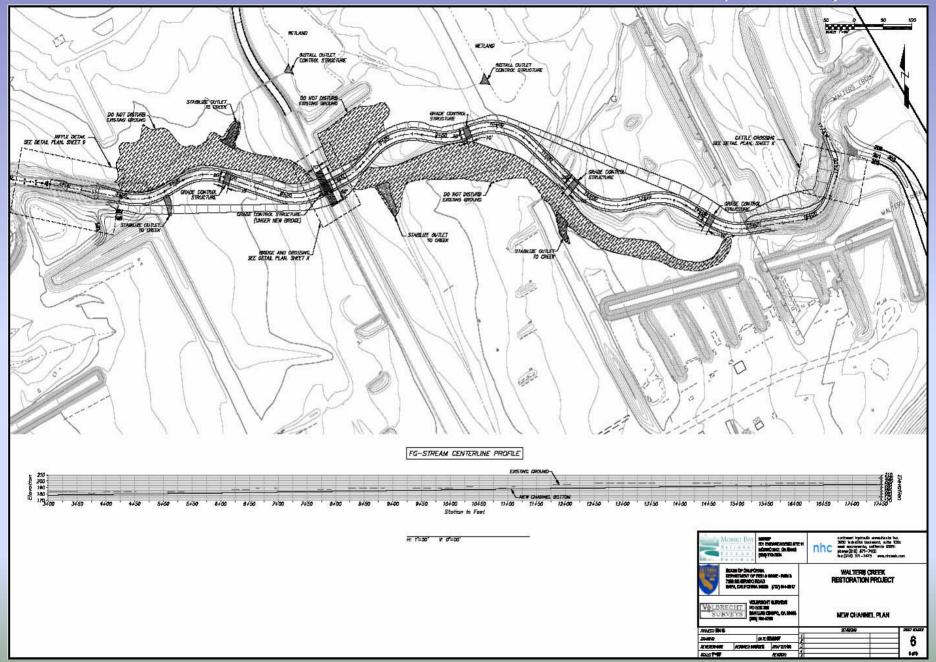
21 Walters Creek Habitat Restoration, San Luis Obispo County

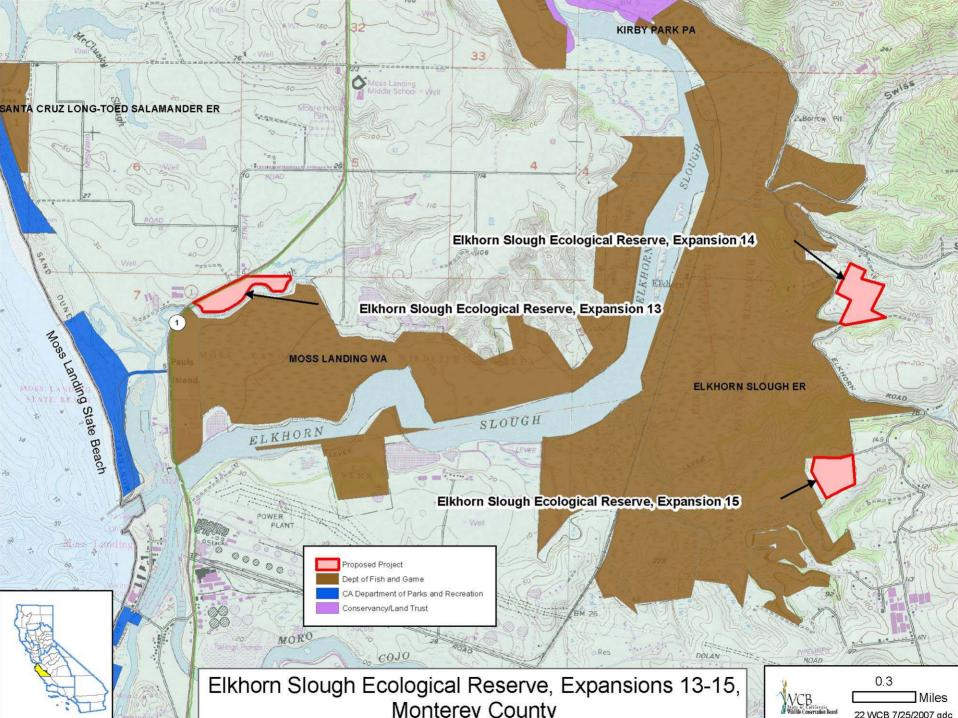


Failed Grade Control Structure on Tributary – Site 2



Failed Road Crossing – Site 2





Elkhorn Slough Ecological Reserve, Expansion 13



Easterly view of property.

Elkhorn Slough Ecological Reserve, Expansion 13



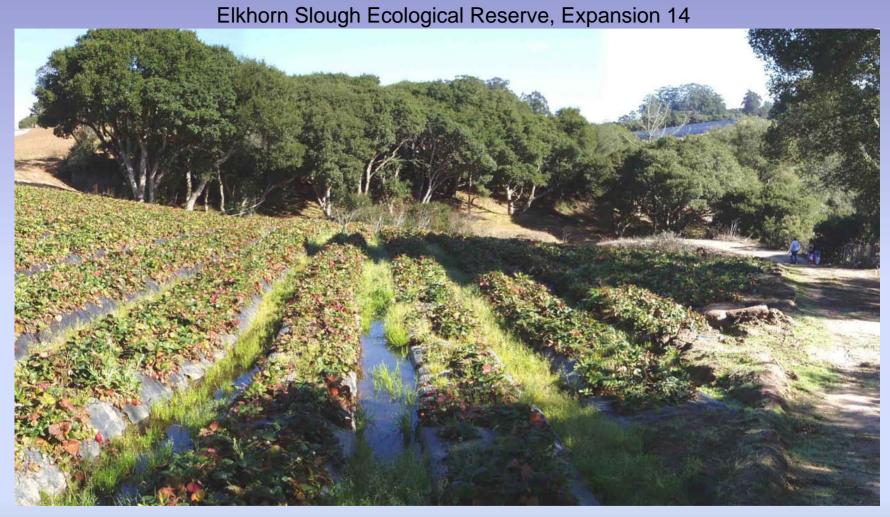
Woodlands found on property

Elkhorn Slough Ecological Reserve, Expansion 13



Waters on property being used by waterfowl

22 Elkhorn Slough Ecological Reserve, Expansions 13 to 15, Monterey County



Cultivated land and tree stand on property

Elkhorn Slough Ecological Reserve, Expansion 14



Cultivated land on property

Elkhorn Slough Ecological Reserve, Expansion 15



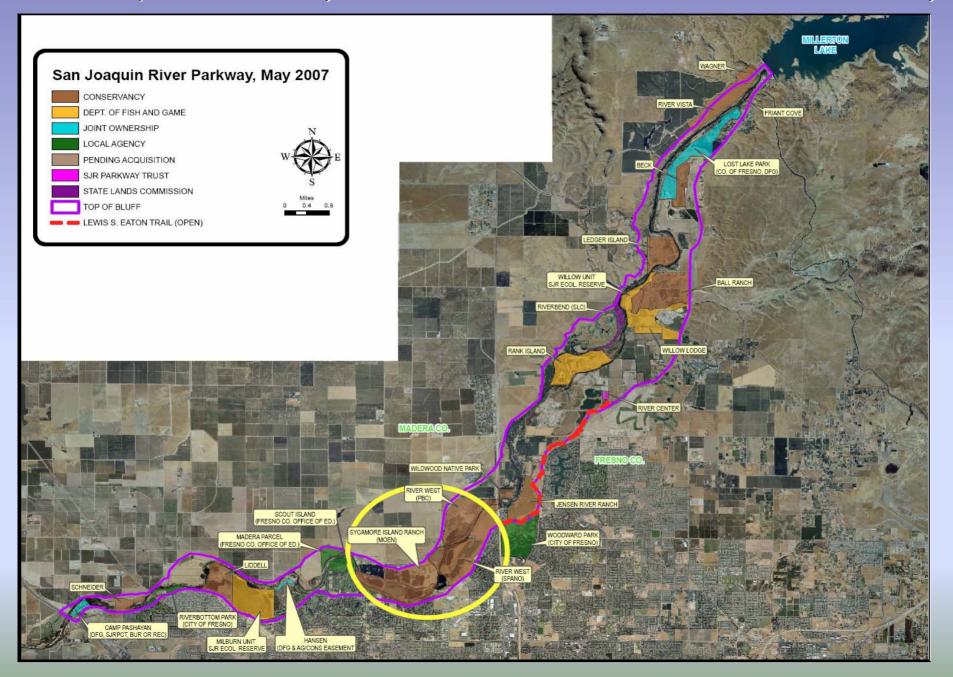
Grasslands and cultivated fields on property

Elkhorn Slough Ecological Reserve, Expansion 15

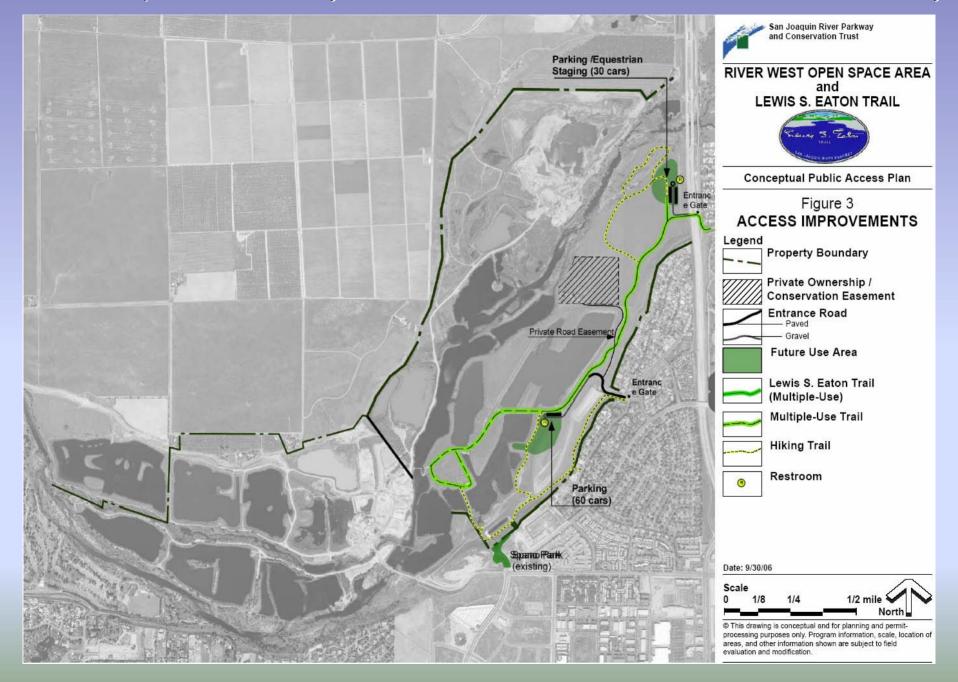


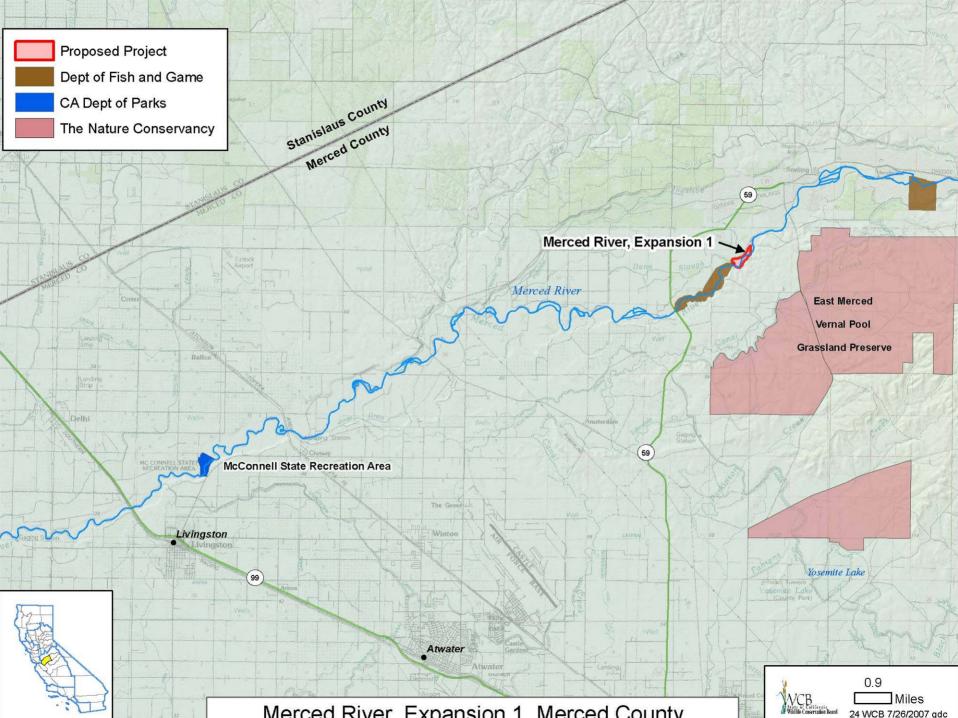
View of property looking west

23 San Joaquin River Parkway, Lewis S. Eaton Trail, River West CEQA, Fresno County



23 San Joaquin River Parkway, Lewis S. Eaton Trail, River West CEQA, Fresno County







View of Conservation Easement looking east



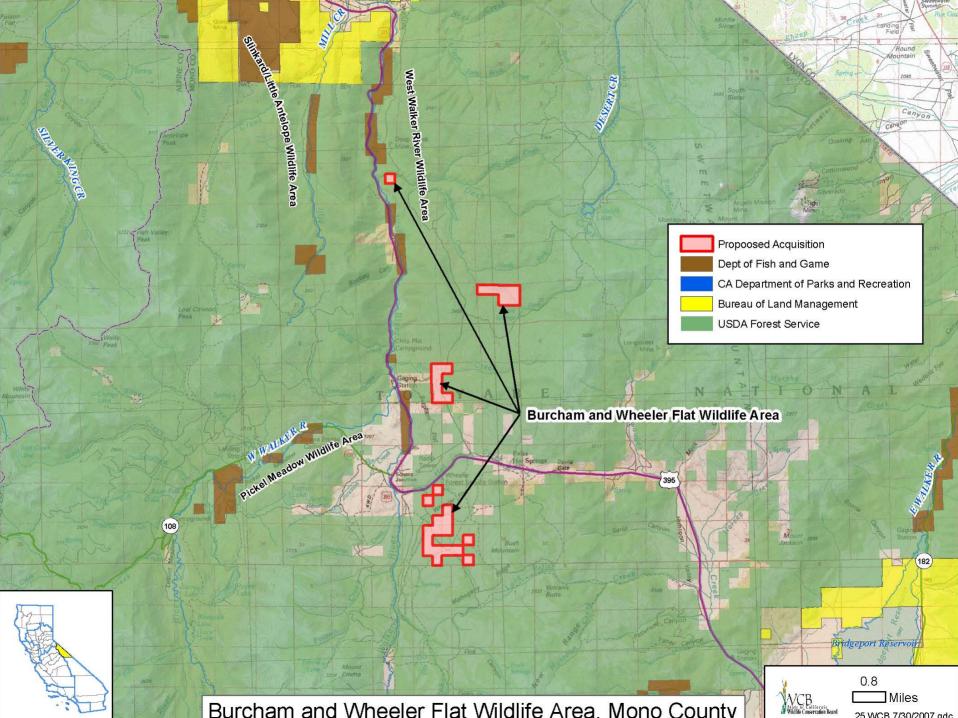
View of Conservation Easement looking west



View of Conservation easement looking east. River on right side of picture is southern boundary of conservation easement.



Distant view of conservation easement looking east. River near center right of picture is southern boundary of conservation easement.

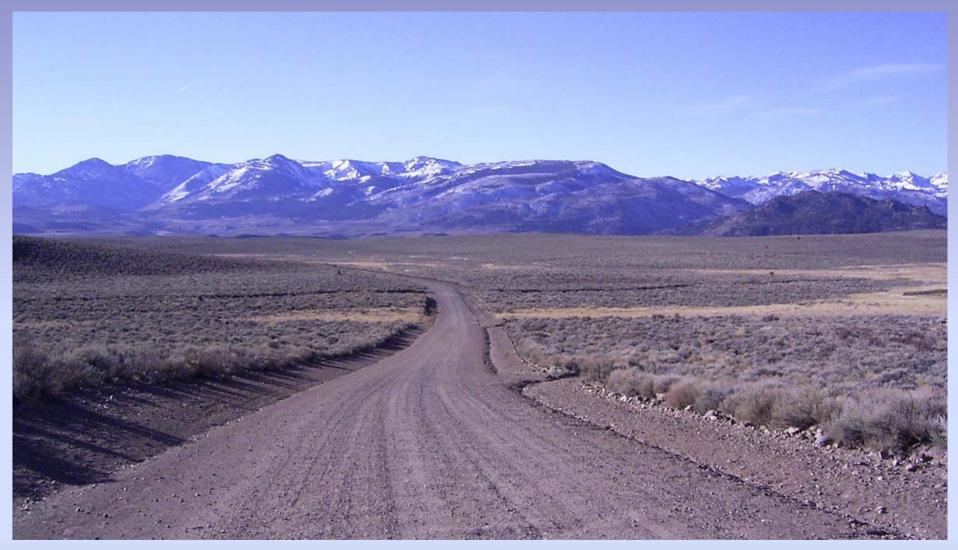




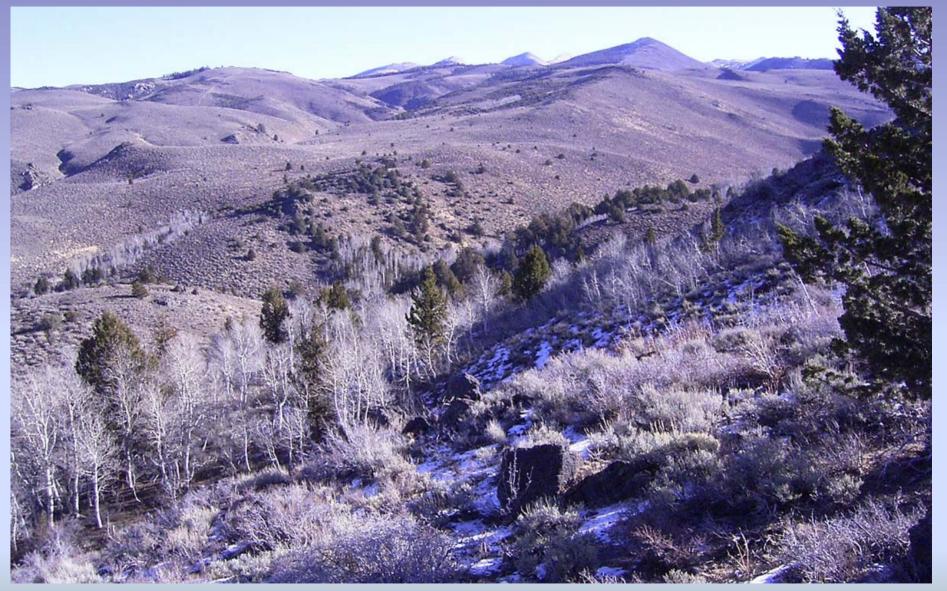
Sage Grouse



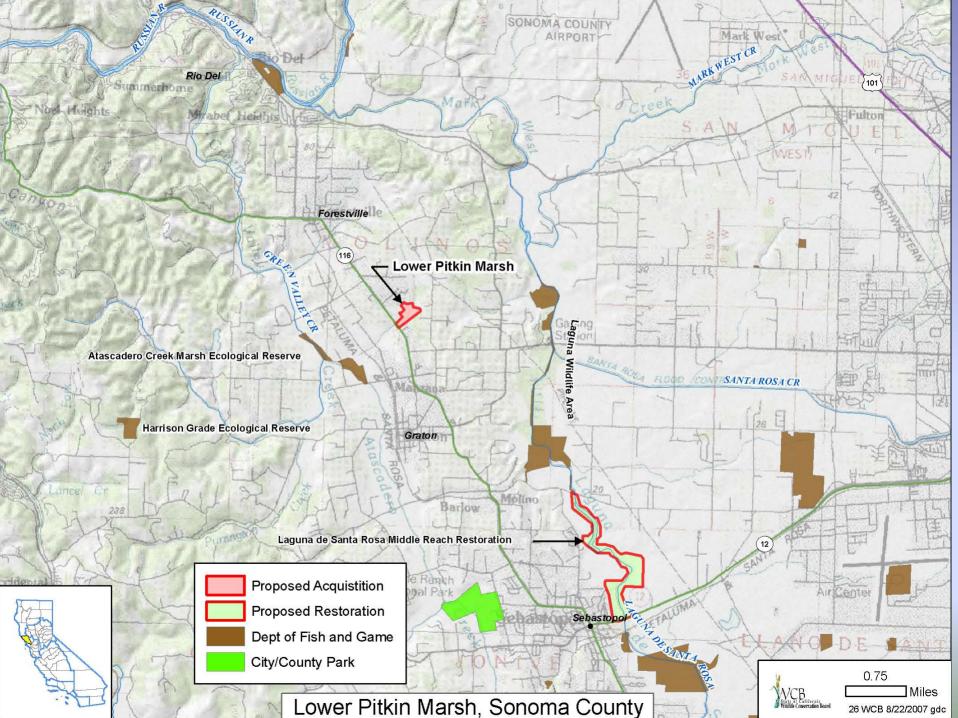
Wheeler Flat Area – Northwesterly View



Burcham Flat Area – Southerly View



Lava Springs Area – Easterly View





Wetlands and vegetation found on property

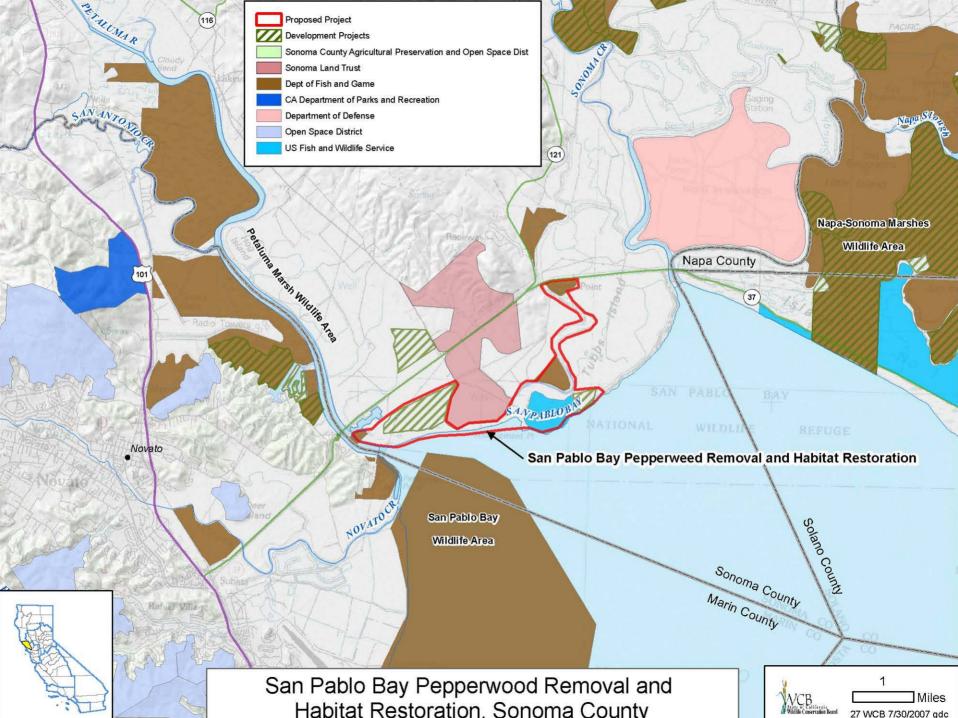


Interior view of the property





Azalea found on property



27 San Pablo Bay Pepperweed Removal and Habitat Restoration, Sonoma County



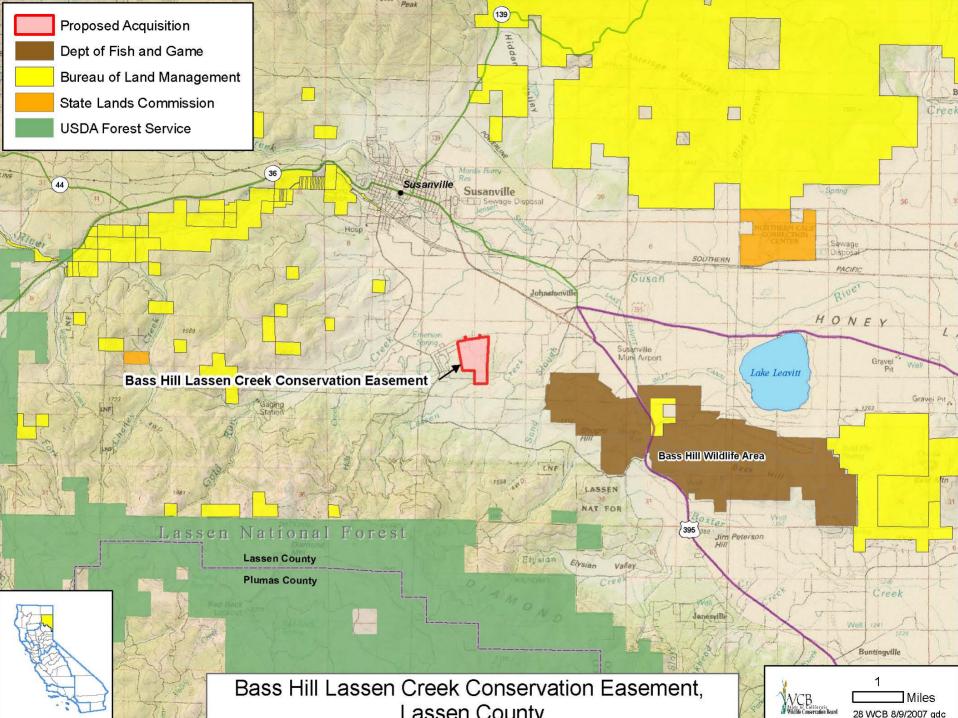
27 San Pablo Bay Pepperweed Removal and Habitat Restoration, Sonoma County

"STRAW" VOLUNTEERS ON PLANTING DAY IN SAN PABLO BAYLANDS



27 San Pablo Bay Pepperweed Removal and Habitat Restoration, Sonoma County





28 Bass Hill Lassen Creek Conservation Easement, Lassen County



28 Bass Hill Lassen Creek Conservation Easement, Lassen County



Southerly View from Middle of Property

28 Bass Hill Lassen Creek Conservation Easement, Lassen County



Lassen Creek – Southerly View