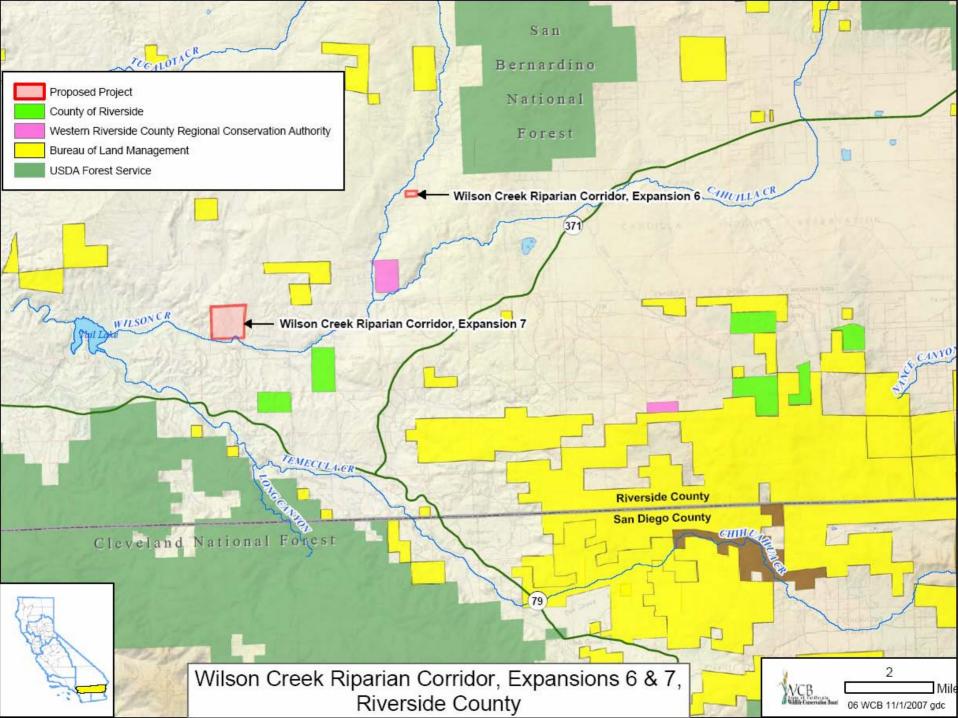
# November 15, 2007 WCB Board Meeting State Capitol, Room 113 Sacramento, California 95811

Napa-Sonoma Marshes Wildlife Area, Tolay Creek Unit, Sonoma County

Courtesy of Sonoma Land Trust



# 06 Wilson Creek Riparian Corridor, Riverside County

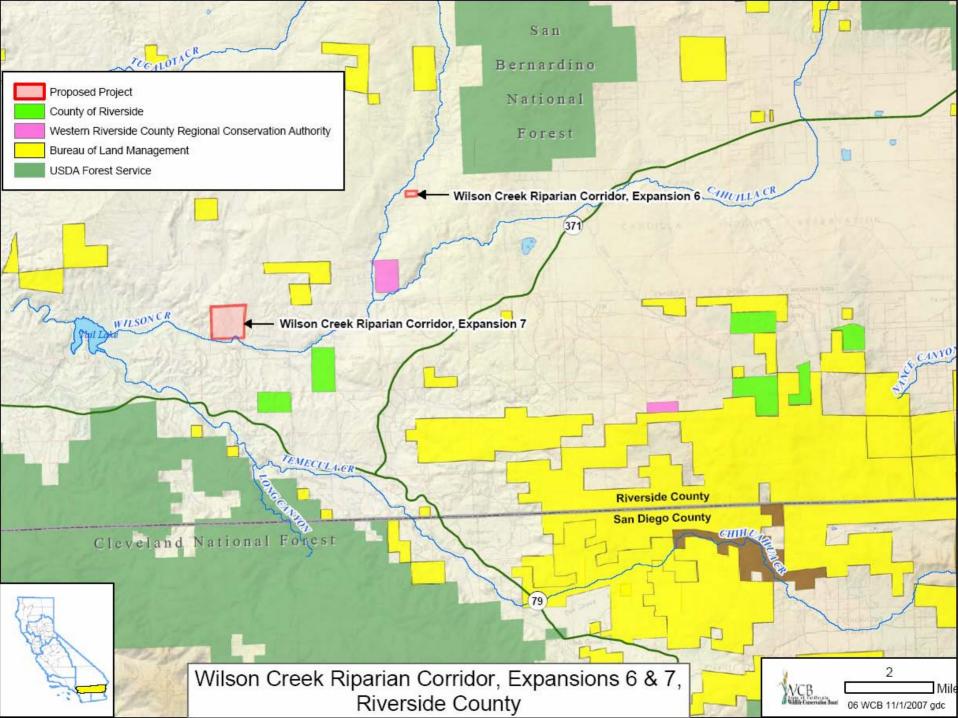


**Northwesterly View** 

# 06 Wilson Creek Riparian Corridor, Riverside County



**Westerly View** 

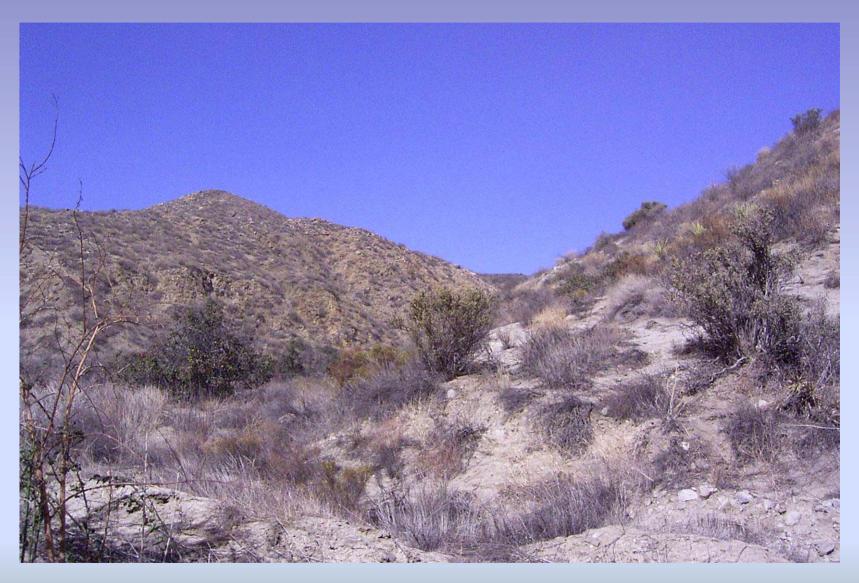


## 07 Wilson Creek Riparian Corridor , Riverside County

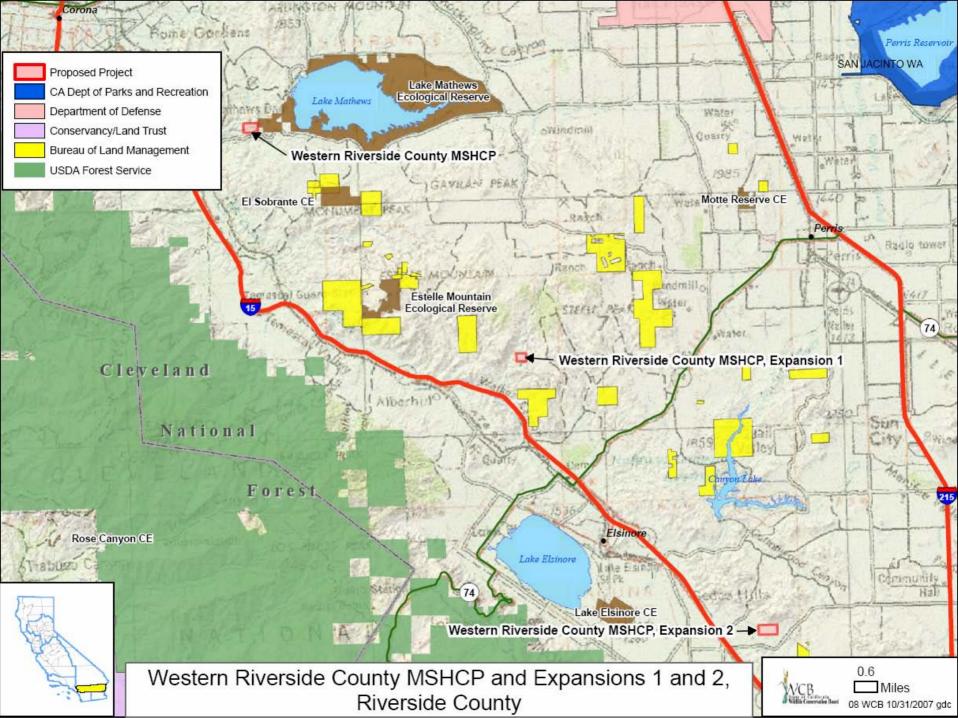


View of subject looking east from near southerly boundary line.

#### 07 Wilson Creek Riparian Corridor, Riverside County



View of subject looking north from southerly property line.



08 Western Riverside County MSHCP and Expansions 1 and 2, Riverside County



**Bolton Property – Northerly View** 

08 Western Riverside County MSHCP and Expansions 1 and 2, Riverside County

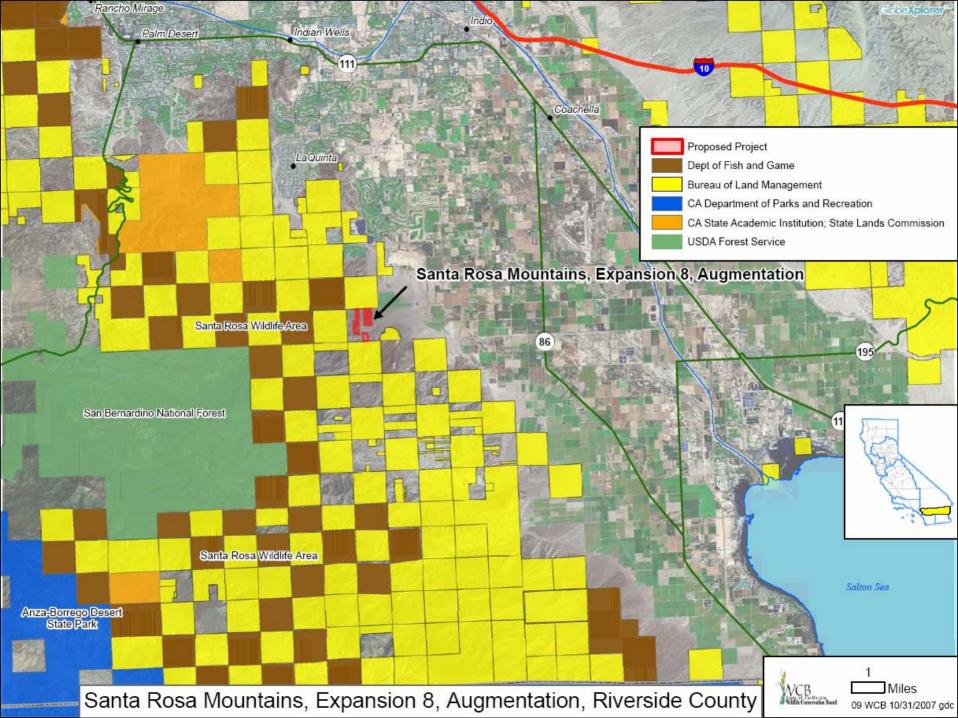


Mauger Property – Northwesterly View

# 08 Western Riverside County MSHCP and Expansions 1 and 2, Riverside County



**Rullo Property – Southerly View** 





View of subject looking southwest from north property line



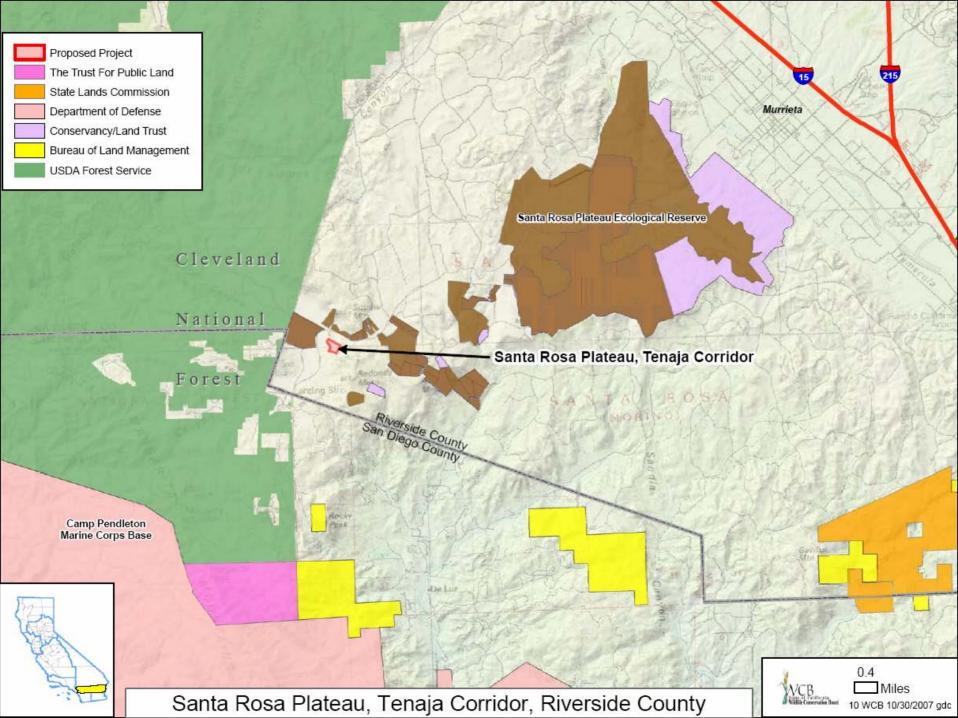
View looking southeasterly from north property line



View of subject looking westerly



View looking southeasterly



# 10 Santa Rosa Plateau, Tenaja Corridor, Riverside County

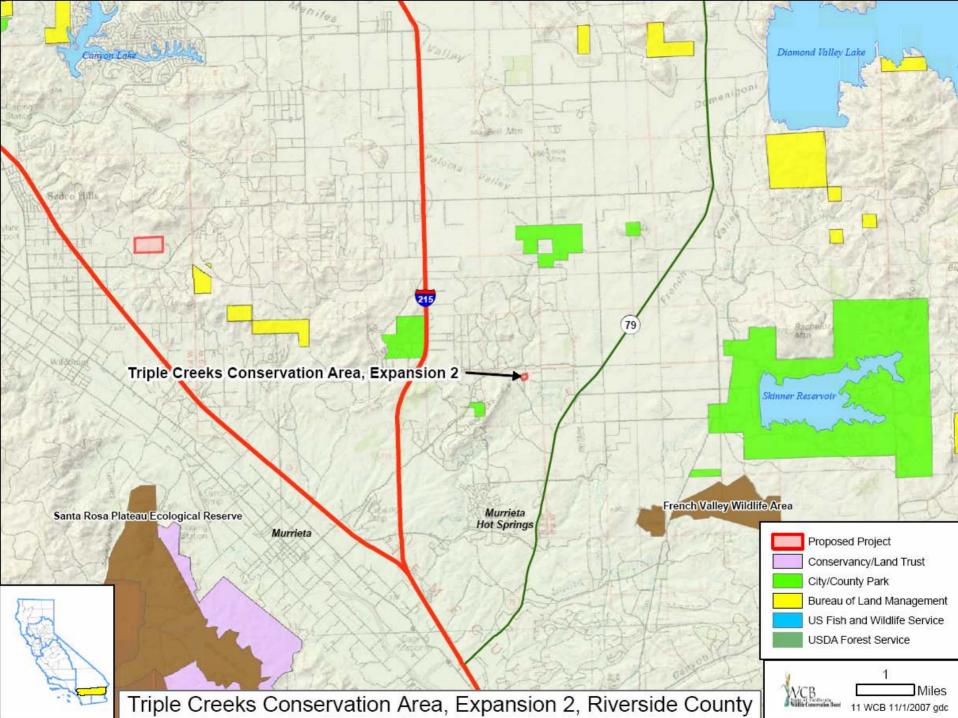


View of subject looking northwest.

# 10 Santa Rosa Plateau, Tenaja Corridor, Riverside County



Looking south subject on left.



## 11 Triple Creeks Conservation Area, Expansion 2, Riverside County

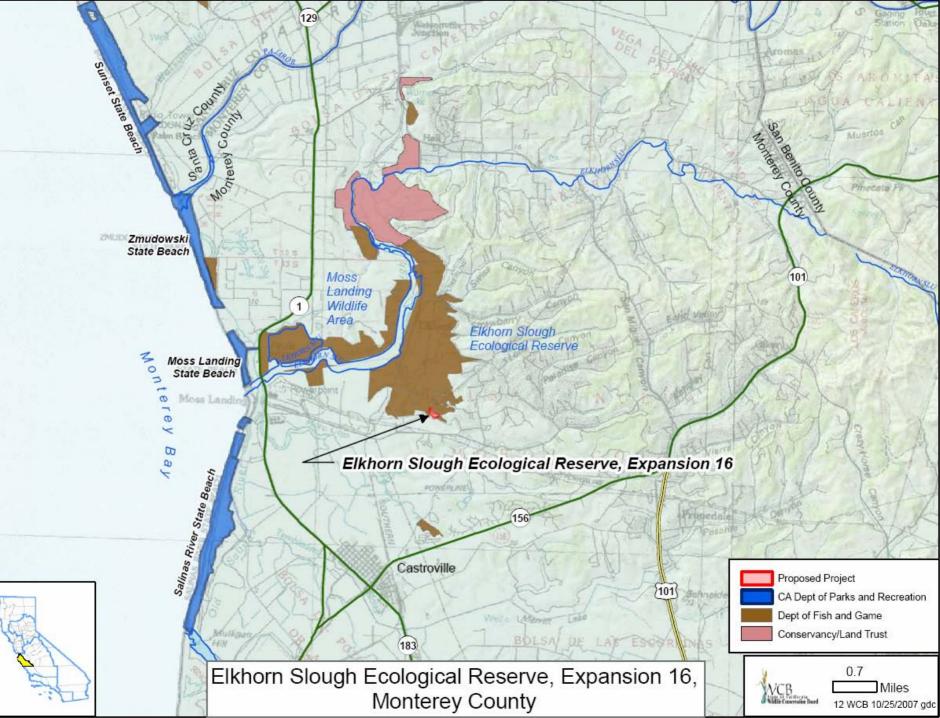


View of parcel looking easterly from Etienne Circle.

## 11 Triple Creeks Conservation Area, Expansion 2, Riverside County



View of riparian area near easterly property line of subject.



## 12 Elkhorn Slough Ecological Reserve, Expansion 16, Monterey County

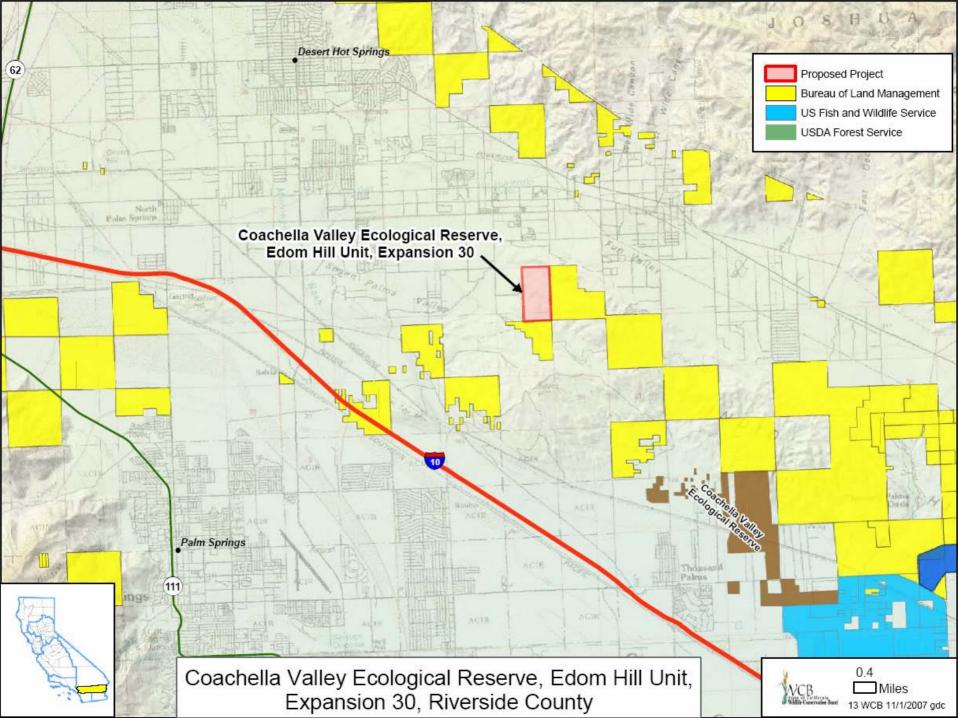


Typical oak woodlands found in the Elkhorn Slough

#### 12 Elkhorn Slough Ecological Reserve, Expansion 16, Monterey County



Typical grasslands found in the Elkhorn Slough Ecological Reserve



13 Coachella Valley Ecological Reserve, Edom Hill Unit, Expansion 30, Riverside County

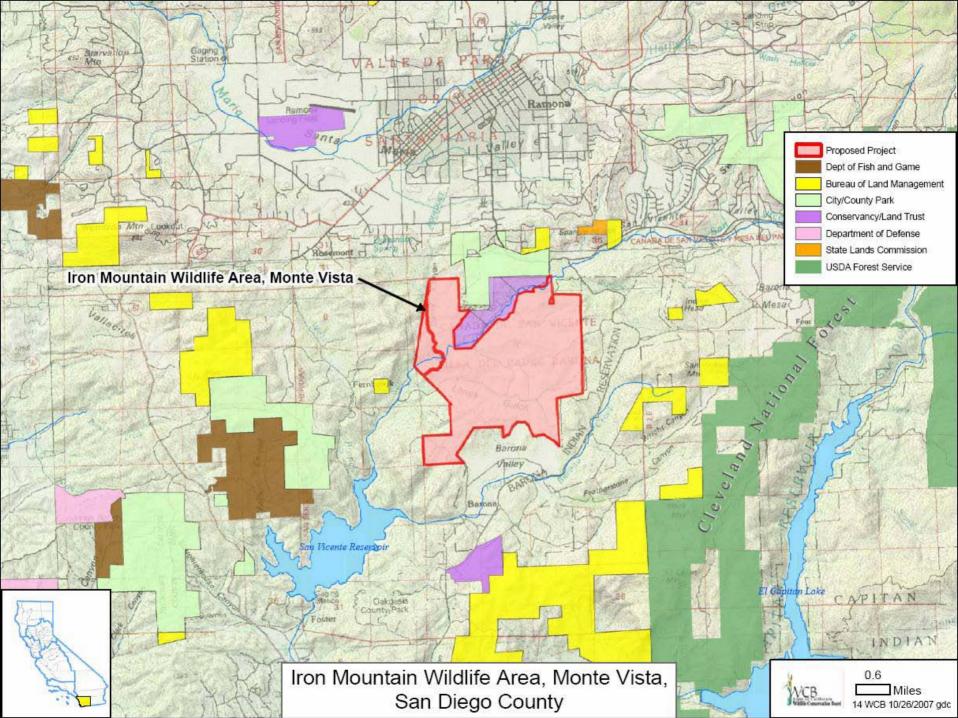


View of property looking east from westerly boundary.

13 Coachella Valley Ecological Reserve, Edom Hill Unit, Expansion 30, Riverside County

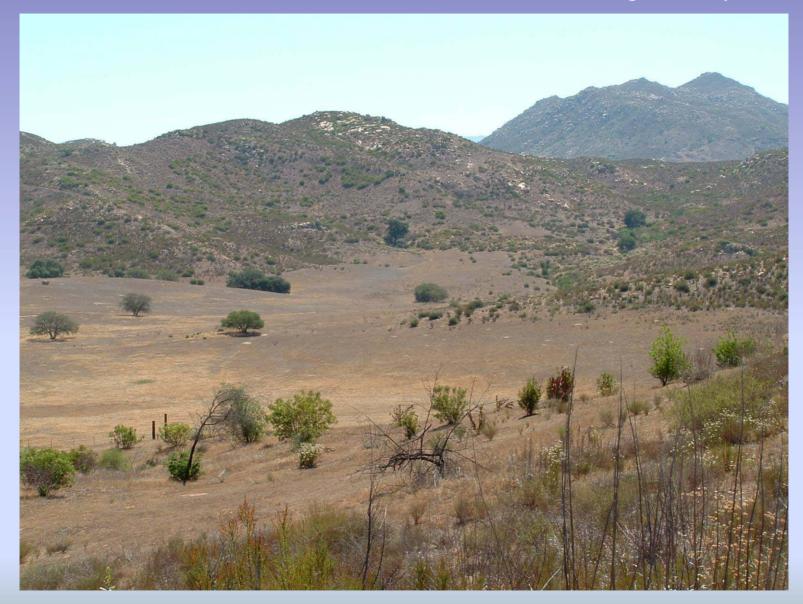


View from property looking north from near center of parcel.

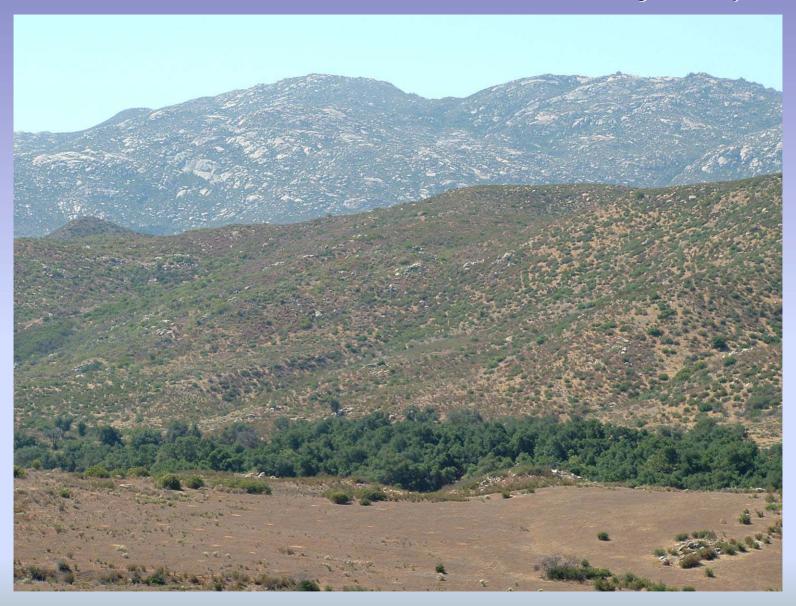




"Central Valley", looking northwest at tributary of San Vicente Creek



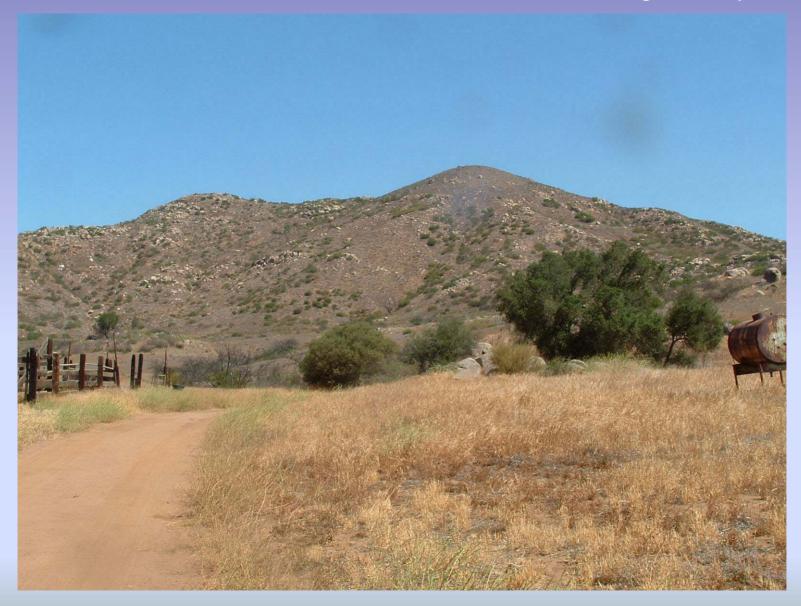
Another view of the "Central Valley", looking east towards Barona Indian Reservation



The riparian corridor of Long's Gulch on the western border of Monte Vista Ranch



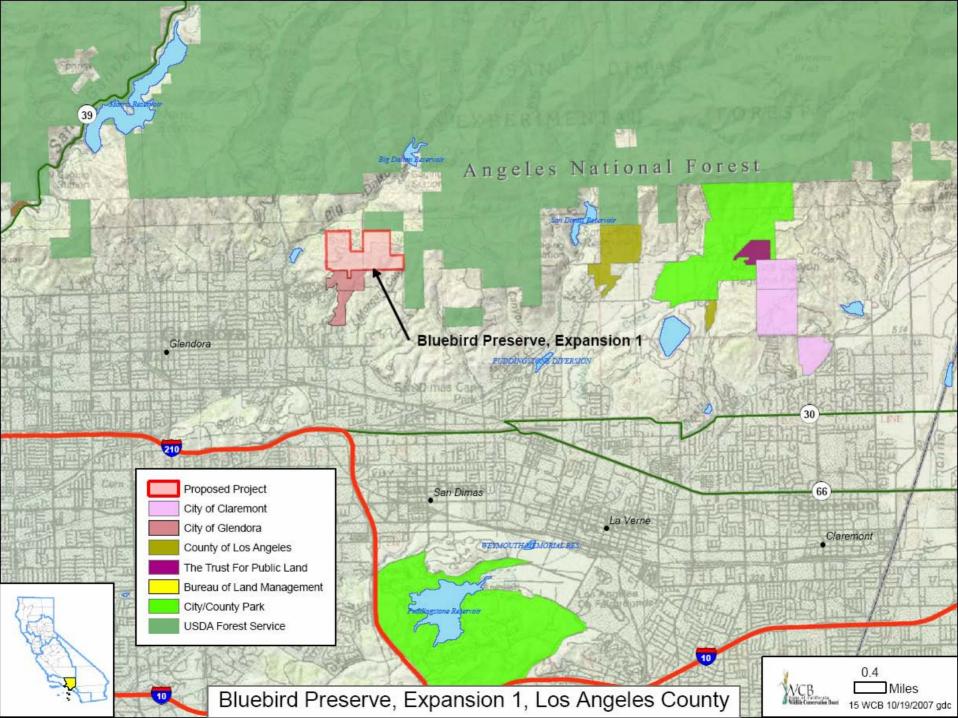
Riaparian habitat in the bed of Long's Gulch



Chuck Wagon Rd. and cattle corrals just above San Vicente Creek



Community Building on adjacent mitigation property that will become part of the Wildlife area



# 15 Bluebird Preserve, Expansion, Los Angeles County



Looking southwest toward the City of Glendora

# 15 Bluebird Preserve, Expansion , Los Angeles County

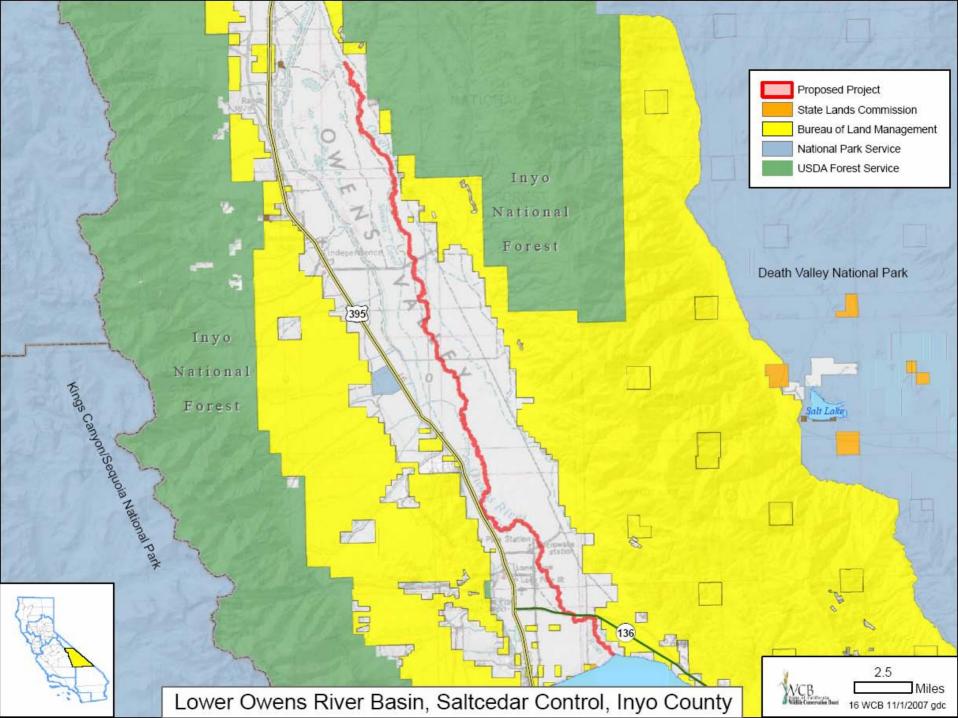


Access Road

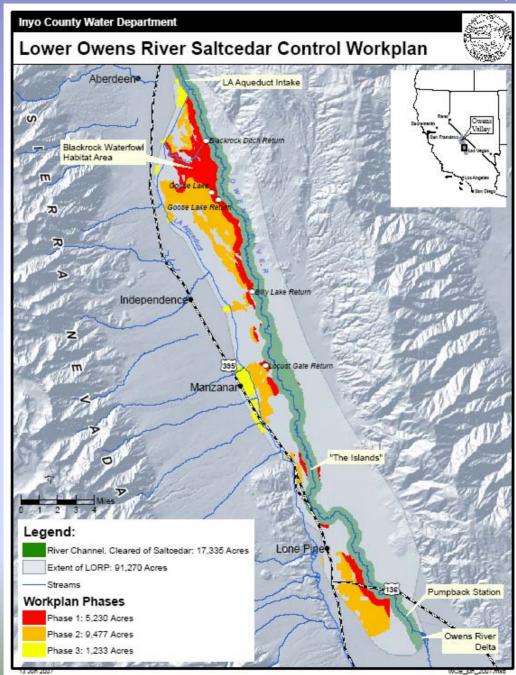
# 15 Bluebird Preserve, Expansion , Los Angeles County



Wooded Interior



# 16 Lower Owens River Basin Saltcedar Control, Inyo County

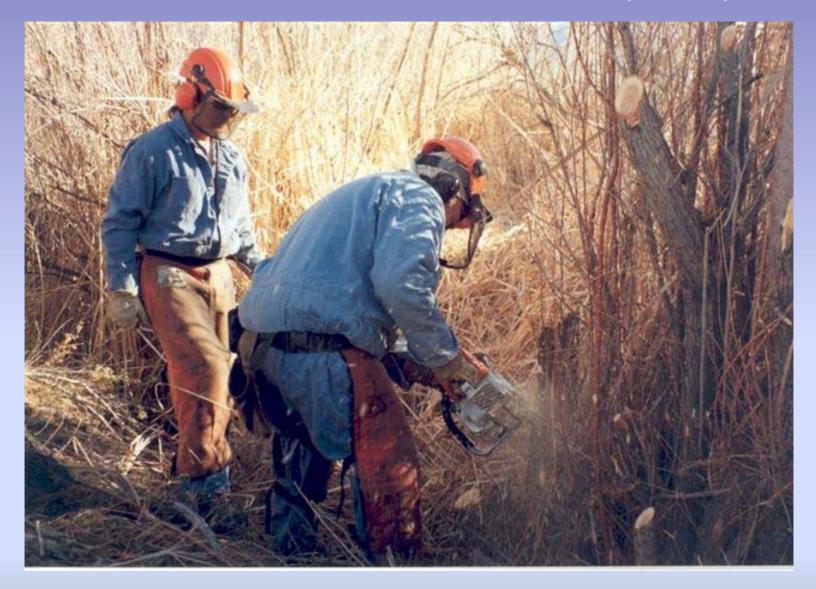


# 16 Lower Owens River Basin Saltcedar Control , Inyo County



Lower Owens River Basin showing populations of saltcedar

### 16 Lower Owens River Basin Saltcedar Control, Inyo County

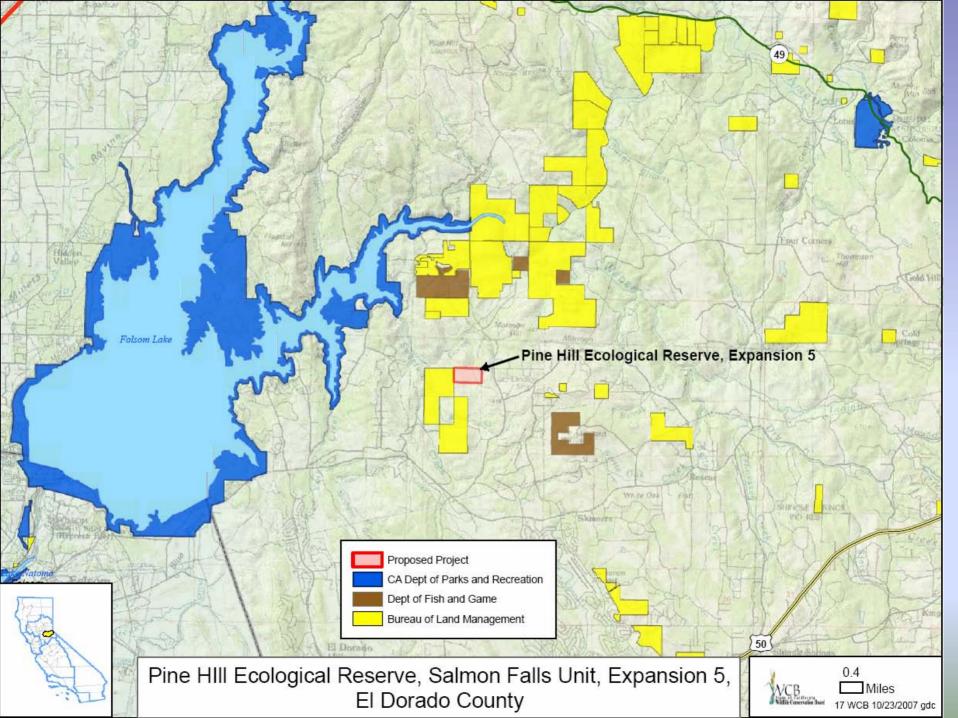


This is one of the methods used to eradicate saltcedar in the Owens Valley.

# 16 Lower Owens River Basin Saltcedar Control, Inyo County



Two crews similar to this one will be used to eradicate saltcedar from the Lower Owens River basin.



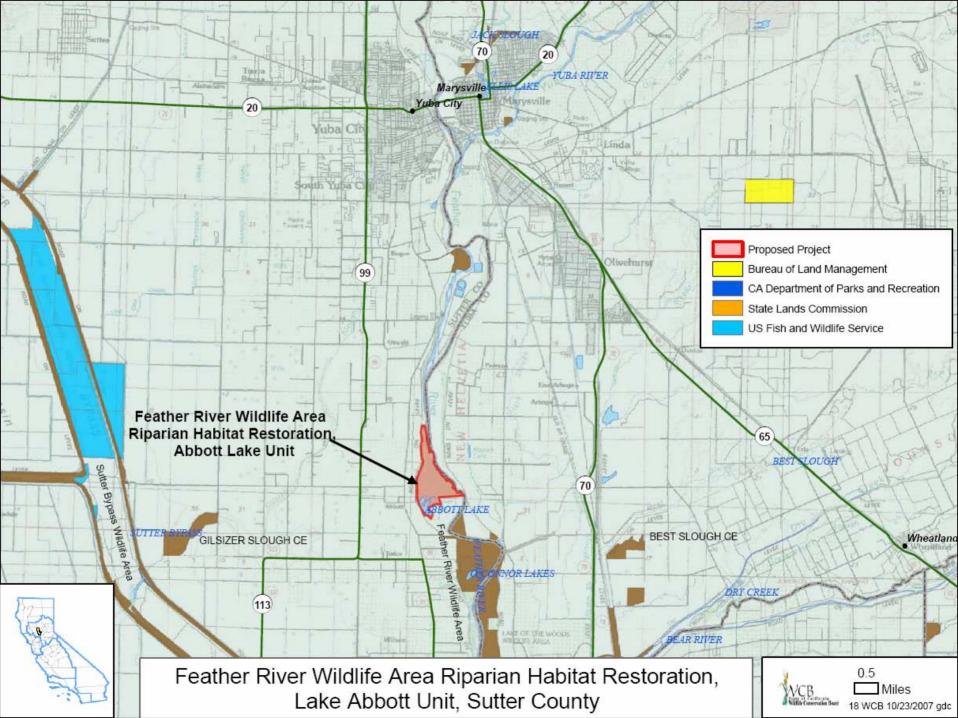
17 Pine Hill Ecological Reserve, Salmon Falls Unit, Expansion 5, El Dorado County

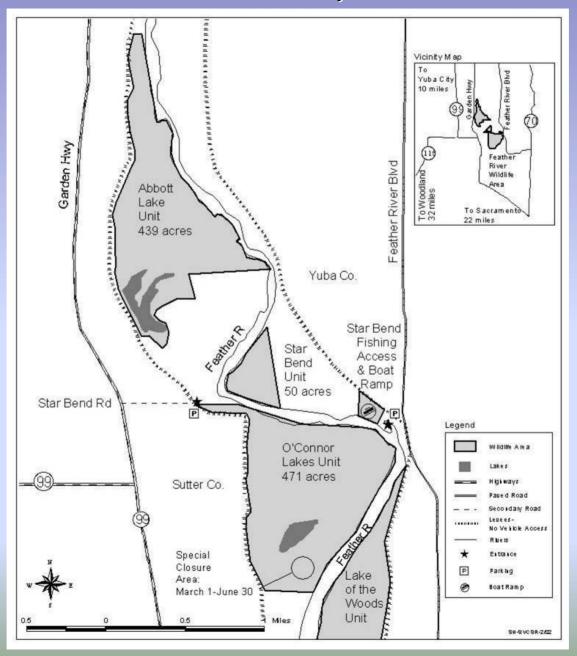


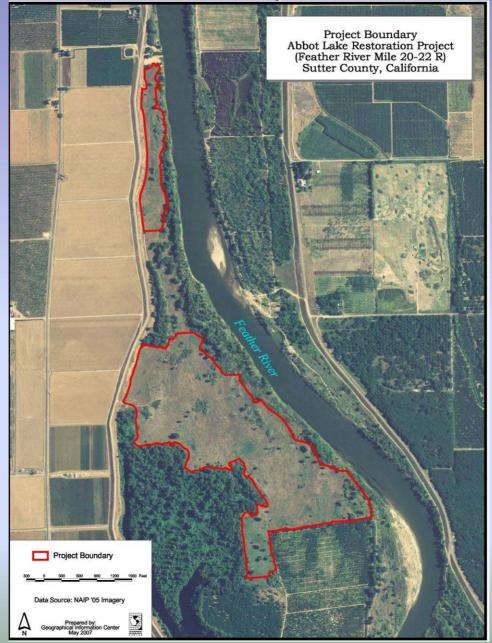
Looking eastward from the westerly parcel. Pine Hill itself is in the background. 17 Pine Hill Ecological Reserve, Salmon Falls Unit, Expansion 5, El Dorado County

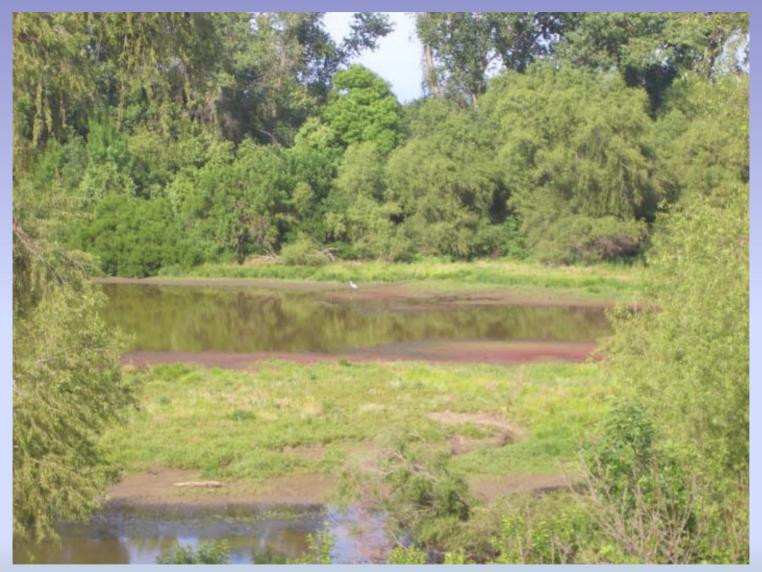


Looking eastward from about the middle of the property





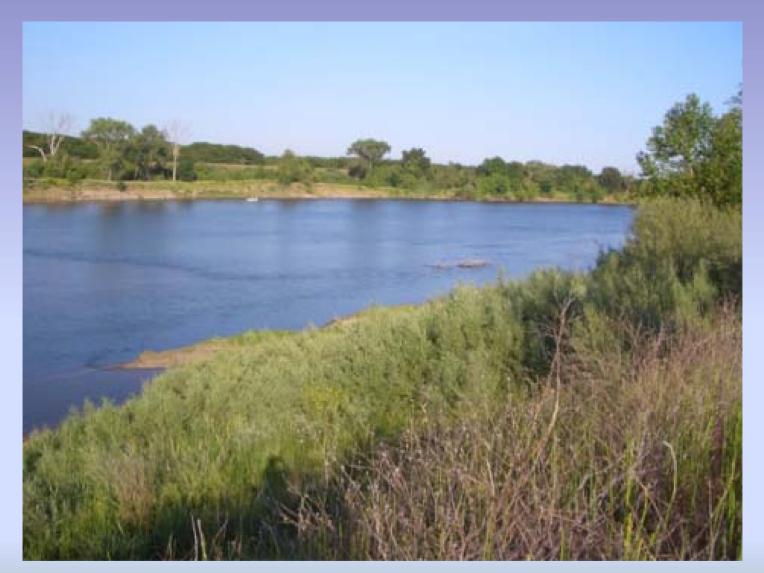




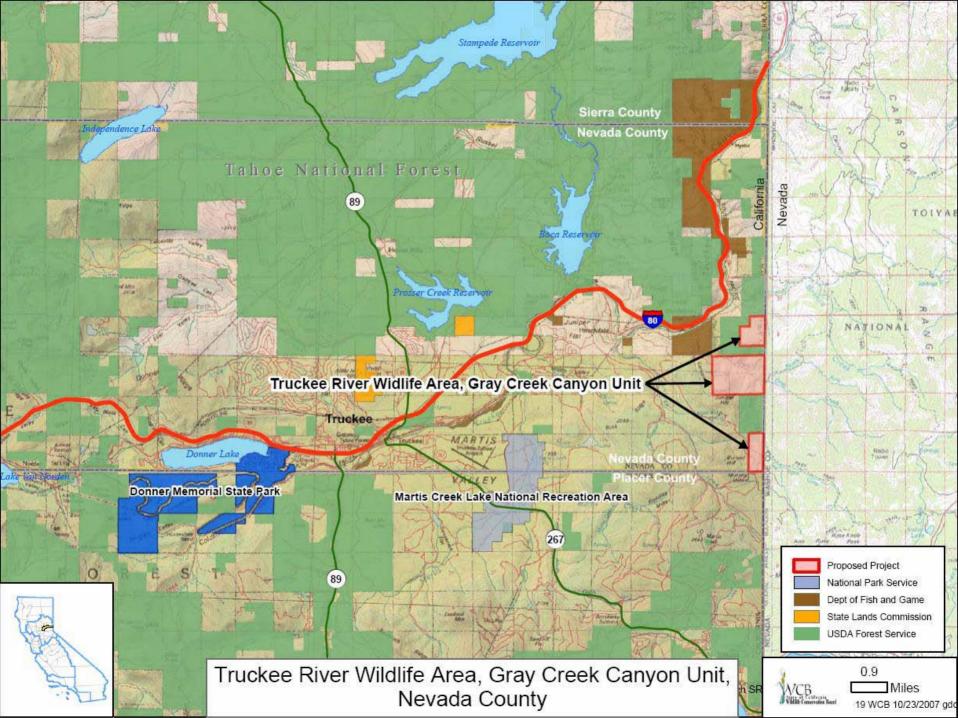
Abbott Lake & remnant forest



Southeast restoration area



Feather River at Abbott Lake



# 19 Truckee River Wildlife Area, Gray Creek Unit, Nevada County



Northwesterly View – Juniper Hill & Boca Reservoir

# 19 Truckee River Wildlife Area, Gray Creek Unit, Nevada County



Northerly View – Gray Creek Watershed

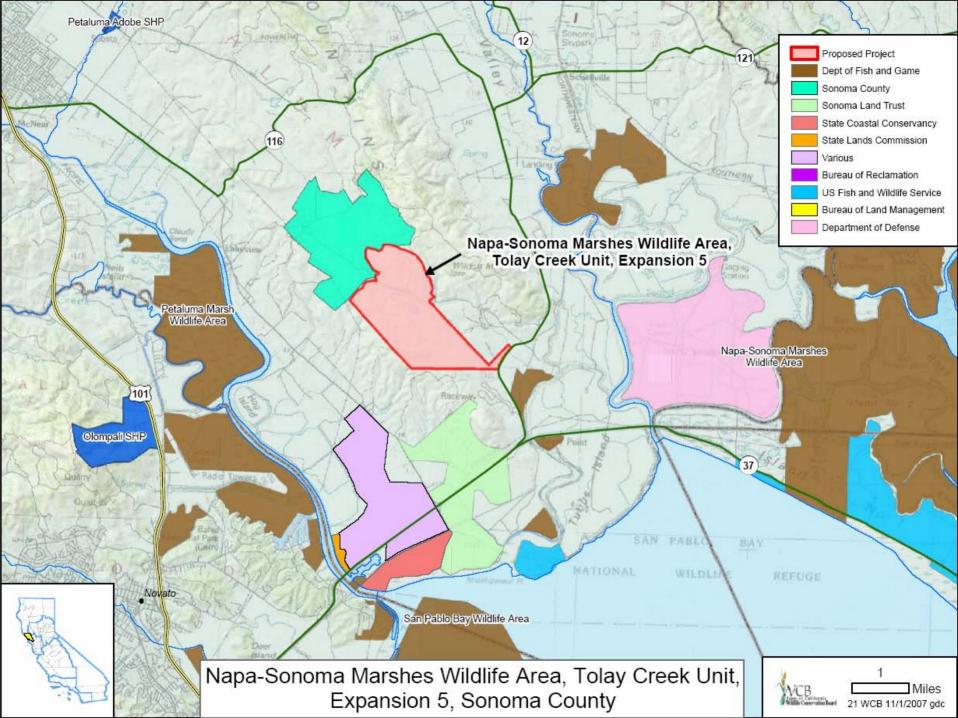
# 19 Truckee River Wildlife Area, Gray Creek Unit, Nevada County

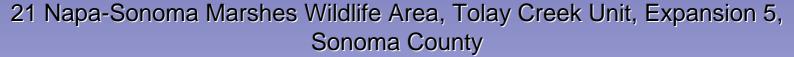


Southeasterly View – Mt. Rose Wilderness

20 Fields Landing Public Access Improvements

This project has been withdrawn from consideration at this time.







A view across the Tolay Creek watershed, toward Cougar Mountain

21 Napa-Sonoma Marshes Wildlife Area, Tolay Creek Unit, Expansion 5, Sonoma County



Golden Eagle nest on the Roche Ranch

21 Napa-Sonoma Marshes Wildlife Area, Tolay Creek Unit, Expansion 5, Sonoma County



Serpentine grasslands on the Roche Ranch

21 Napa-Sonoma Marshes Wildlife Area, Tolay Creek Unit, Expansion 5, Sonoma County



A view of Oak Woodlands and south facing slopes above Tolay Creek

22 Staff Report – Ecosystems Restoration on Agricultural Lands (ERAL)

# Ecosystem Restoration on Agricultural Lands







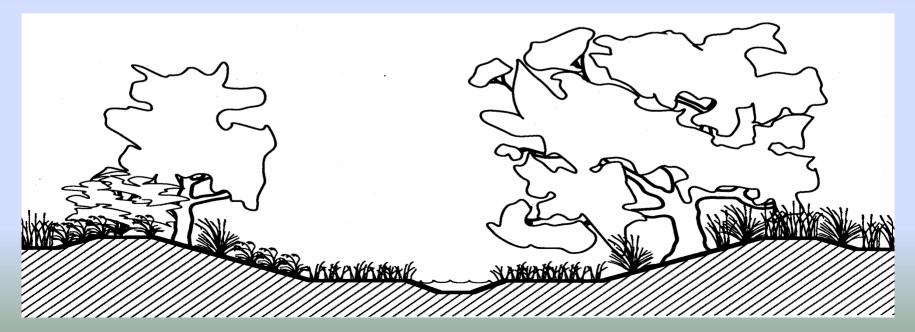
# Farm Riparian and Slough Restoration

# Conceptual Drawing—Levee Setback

# Before



# After



# One year post implementation

# **Native Plant Hedgerows**

# **Multi-Purpose Farmscape Benefits**



 Provide Wildlife Habitat
Act as a Filter-strip
Attract Beneficial Insects for Crop Pollination/Pest Reduction
Reduce Management and Chemical Use



# Ecosystem Restoration on Agricultural Lands Stakeholders

### **Government Agencies**

- •US Fish and Wildlife Service, Conservation Partnerships Program
- •US Department of Agriculture, Natural Resource Conservation Service
- California Department of Fish and Game
- •California Department of Food and Agriculture
- •California Department of Conservation
- California Resources Agency

#### **Conservation Groups**

- Conservation Strategy Group
- Audubon California
- Landowner Stewardship Program
- •River Partners
- California Waterfowl Association
- Ducks Unlimited
- •Resources Law Group Preserving Wild California
- •The Nature Conservancy
- •National Fish and Wildlife Foundation
- •California Association of Resource Conservation Districts
- •California Rangeland Conservation Coalition
- •California Cattleman's Association

- •California Rangeland Trust
- •Environmental Defense
- •Defenders of Wildlife
- •UC Davis Sustainable Agriculture Research and Education Program
- •Community Alliance with Family Farmers
- •Biologically Integrated Farming Systems
- California Rice Commission
- Roots of Change
- •Wild Farm Alliance
- Sustainable Conservation

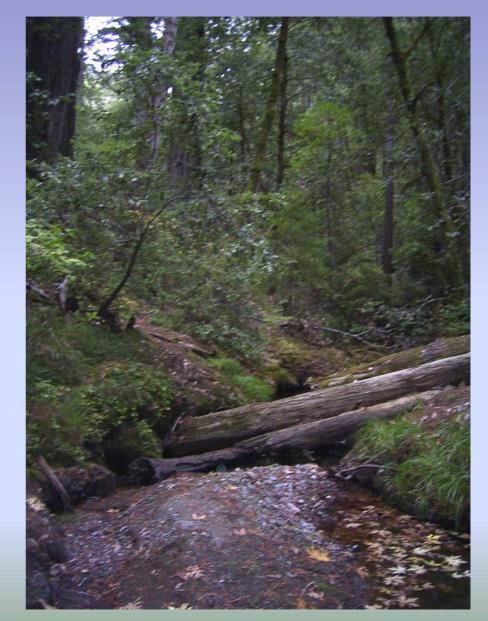
# **Purpose of Forest Conservation Program**

Implement a \$180 million grant program designed to promote the ecological integrity and economic stability of California's diverse native forests for all their public benefits through forest conservation, preservation and restoration of productive managed forest lands, forest reserve areas, redwood forests and other forest types, including the conservation of water resources and natural habitat for native fish and wildlife and plants found on these lands.



# **Forest Conservation Program Advisory Group**

- Private Landowners
- Forest Managers
- Pacific Forest Trust
- Save the Redwoods League
- The Conservation Fund
- The Nature Conservancy
- Trust for Public Land
- UC Cooperative Extension
- UC Berkeley School of Forestry
- Sierra Business Council
- Economic Forest Consultants
- Forest Industry Landowners
- Sierra Nevada Conservancy
- California Council of Land Trusts
- Resources Agency
- ➢ CAL FIRE
- Department of Fish and Game
- Wildlife Conservation Board



# **Forest Conservation Guiding Principles**

- Working forests/productive managed forestlands shall be the primary focus.
- Forest reserve areas are important.
- > Project must promote the ecological integrity and economic stability of forest.
- Relationship to state, or local planning effort & address local priority & ecological need.
- > Projects ranked & prioritized on contribution toward goals, guidelines & selection criteria.
- > Future management activities/restoration investment should be from identified funding sources.
- > Program goals are best achieved when project provides greatest efficiency using best tool.



# **Project Eligibility Requirements**

- 1. Acquisition must be from a willing seller supported by appraisal that utilizes market based assumptions consistent with State and if applicable, Federal appraisal standards. Special attention shall be paid to the assumptions of development value on un-entitled raw land.
- 2. Project must meet the purpose and goals of the Forest Conservation Program.
- 3. Project must protect or restore native forests.
- 4. Restoration projects must demonstrate long-term commitment to manage & protect the ecological integrity of the forest consistent with the goals & guiding principles of the program.



# **Project Selection Criteria -- 2 Phase Selection Review Process**

#### PHASE 1: PROJECT MUST ADDRESS & ADVANCE:

- 1. Ecological integrity & economic stability of the property and its surrounding landscape & ability to leverage as feasible:
  - Private funds to reduce overall public funding and underwrite the productive economic value of the property.
  - > Multiple public funding sources, especially non-state
- 2. Applications ranked & compared against the lower expenditures associated with alternative options that could achieve project objectives consistent with the Guiding Principles, Eligibility Requirements & Selection Criteria.

#### PHASE II: PROJECT MUST DEMONSTRATE ONE OR MORE:

- 1. Landscape/Habitat Linkages & Watershed Protection
- 2. Property supports large areas of under-protected major forests
- 3. Properties for which there is a non-state matching contribution
- 4. Project may conserve, restore or provide:
  - Rare or threatened native fish and wildlife habitat
  - Conserve or restore old growth forests
  - Protect/restore native forests, including forest producing wood & related forest products that support sustainable native forest ecosystems and local economies.
  - Compatible public access.



# **Climate Benefits**

- As part of the Administration's effort to develop strategies to address the impacts of climate change and to reduce greenhouse gas (GHG) emissions, the WCB is working with the Resources Agency and the Forest Climate Action Team (Forest CAT) subgroup to identify opportunities and strategies on how the forest sector can reduce and/or sequester greenhouse gas emissions.
- The Forest Conservation Program may be able to contribute toward this effort through the grant program. Working with the Resources Agency, WCB staff will continue to assist with opportunities that complement the Administration's effort to address the impacts of climate change and to reduce greenhouse gas emissions.
- Fish and Game Code Section 1356, (Chapter 469, Statutes of 2007), the WCB, may consider and take into account the potential of that proposed acquisition to beneficially reduce or sequester greenhouse gas emissions.
- As funded projects complement and contribute toward the opportunities and strategies developed by the Resources Agency and the Forest CAT, the WCB will continue to assist with efforts to reduce and/or sequester greenhouse gas emissions.

#### **Administrative Process**

- Applications accepted on continuous basis
- Projects ranked & prioritized
- > Qualifying projects submitted to Board for funding consideration
- Baseline Conditions Report WCB review & approval
- Monitoring protocol approved by WCB
- Annual monitoring required
- Monitoring Report submitted to WCB
- Long-term management plan required for restoration projects

### **Eligible Applicants and Partners**

- Willing landowners
- Local governmental or State entity
- Special District
- Resource Conservation District
- Joint Powers Authority
- Nonprofit Organization 501 (c)(3)

