



**Wildlife Conservation Board**  
**Supporting Water Resiliency**  
**August 8, 2019**

# Wildlife Conservation Board



- ▶ Strategic Plan Update
  - ▶ WCB Programs
  - ▶ Project Examples



# Wildlife Conservation Board Mission



- ▶ The Wildlife Conservation Board protects, restores and enhances California's spectacular natural resources for wildlife and for the public's use and enjoyment in partnership with conservation groups, government agencies and the people of California.



# Wildlife Conservation Board Strategic Plan Update



## Strategic Initiatives:

- ▶ Climate Change Adaptation, Resiliency, and Mitigation
- ▶ Biodiversity Actions
- ▶ Partnerships
- ▶ Natural Resource Conservation Leadership
- ▶ Ecosystem Services
- ▶ Public Access and Wildlife-Oriented Recreation
- ▶ WCB Organization and Transparency
- ▶ Monitoring and Program Evaluation

# WCB Programs Contributing to Water Resiliency



- ▶ Stream Flow Enhancement
- ▶ Forest Conservation
- ▶ Riparian Conservation
- ▶ Wetlands Conservation
- ▶ Climate Adaptation and Resilience
- ▶ And more.....



# Stream Flow Enhancement Program



- ▶ Program created in 2014 with Proposition 1 funding
- ▶ Projects lead to a direct and measurable enhancement to the amount and timing of water for species or climate resilience
- ▶ Solicitation open now through Sept 10



# Stream Flow Enhancement Program



- ▶ 76 projects funded since 2015 for over \$81,000,000
- ▶ Implementation projects include restoration, water transactions, water conservation projects, stream flow gauging
- ▶ Also includes planning for future projects and scientific studies



# Project Example

## Rancho Canada Carmel River

### Monterey Peninsula Regional Park District



Acquisition and permanent protection of  
185 acres along the Carmel River

Retirement of golf course

Protection of land within flood plain

Reduction of water pumping





# Project Example

## Hart Ranch Instream Flow

### California Trout



- ▶ Implementation results in 1.5cfs of water permanently dedicated instream to Little Shasta River
- ▶ Replacement of a pipeline
- ▶ Permissive dedication
- ▶ Modification of a diversion structure





# Project Example San Gregorio Creek San Mateo RCD



- ▶ On farm irrigation efficiency upgrades
- ▶ Enhanced agricultural storage
- ▶ Lowers diversion by 1.6 cfs in a stream where flows can drop below 1 cfs





# Other Project Types Funded through WCB



- ▶ Meadows restoration
- ▶ Forest thinning
- ▶ Wetlands restoration
- ▶ Climate resilience projects
- ▶ And more.....



# Wildlife Conservation Board



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Please see WCB website for more information:

[www.wcb.ca.gov](http://www.wcb.ca.gov)