

# County of San Diego Department of Parks and Recreation

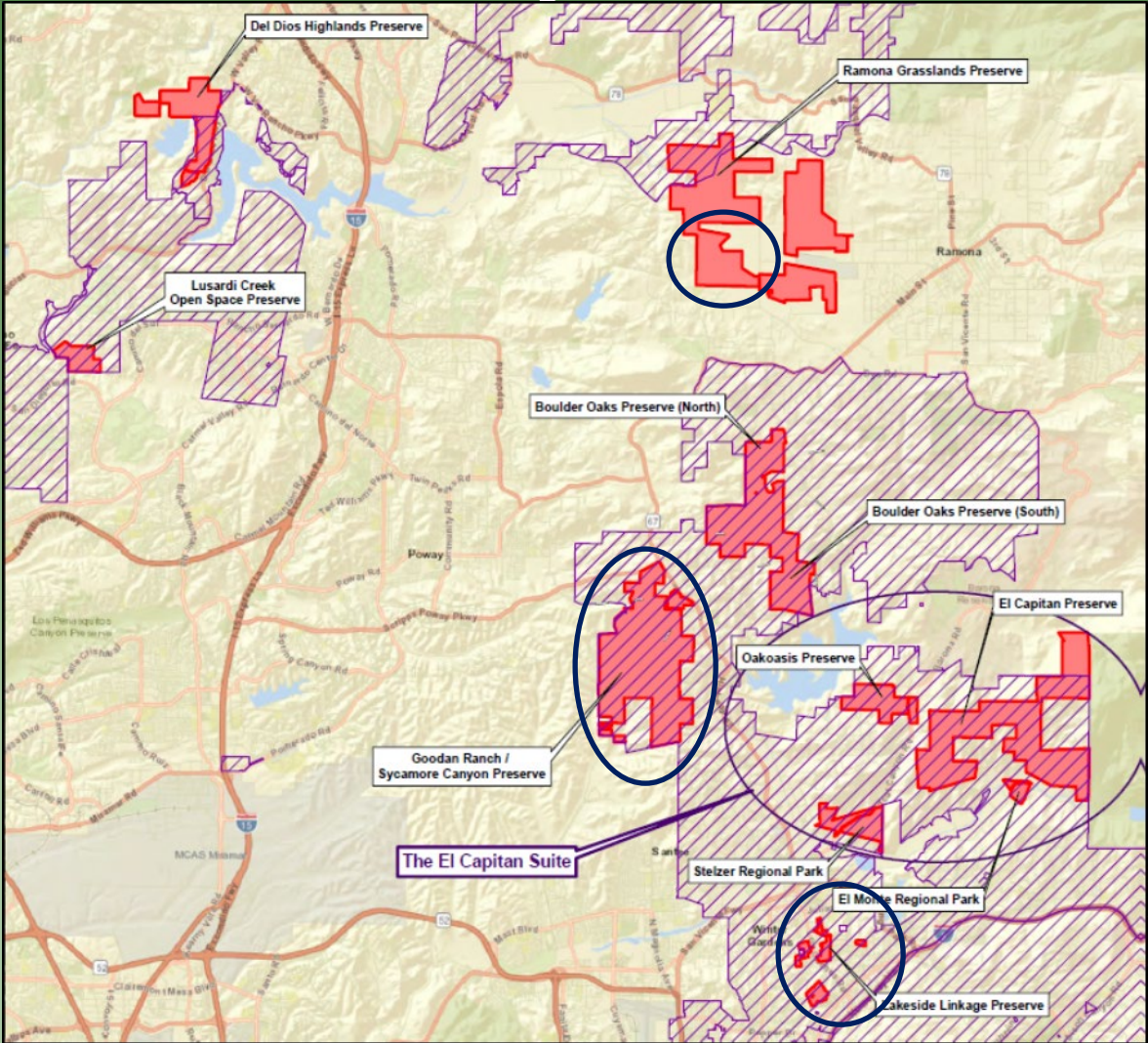
## Habitat Restoration Projects

Jennifer Price, County of San Diego  
Department of Parks and Recreation



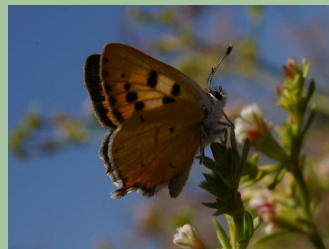


# Location of Habitat Restoration Projects



# Current Habitat Restoration Projects

- Ramona Grasslands Preserve Bullfrog Eradication Project
- Cactus Wren and Hermes Copper Butterfly Habitat Restoration Project - Lakeside Linkage Preserve
- Sycamore Canyon/Goodan Ranch Preserve Targeted Invasive Non-native Plant Treatment Project

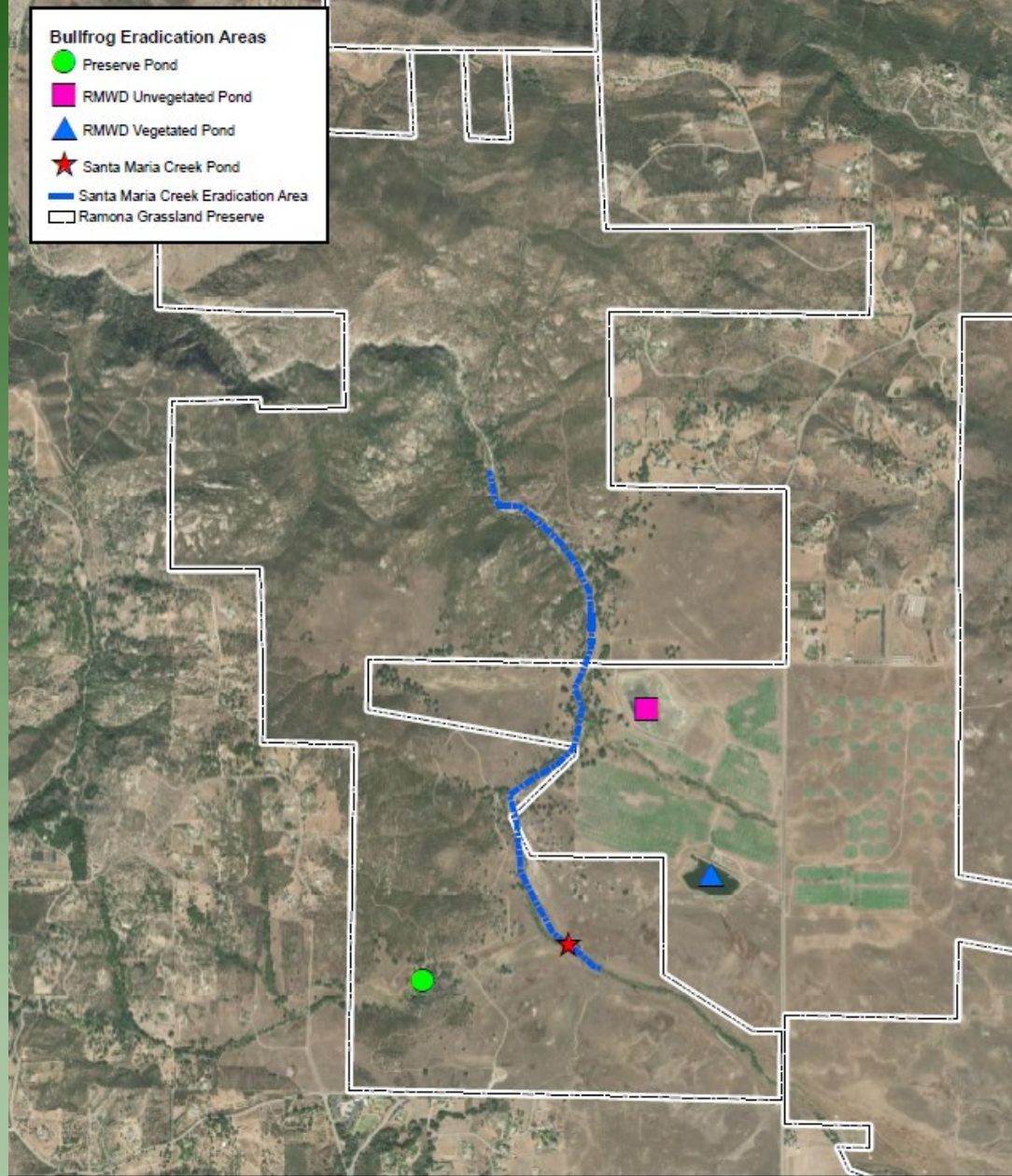


# Ramona Grasslands Preserve Bullfrog Eradication Project

- Treatment occurred in Santa Maria Creek west of Rangeland Road, Preserve pond and within effluent ponds on adjacent RMWD property
- Eradication surveys began late January 2019 ended October 2020
- Coordinated with USGS regarding eradication efforts and USGS staff participated in the early eradication efforts



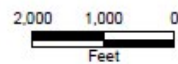




**Ramona Grasslands  
Preserve**

Date Printed: 11/29/2020

Author: Korey Klutz



**Figure 2  
Bullfrog Eradication  
Locations**

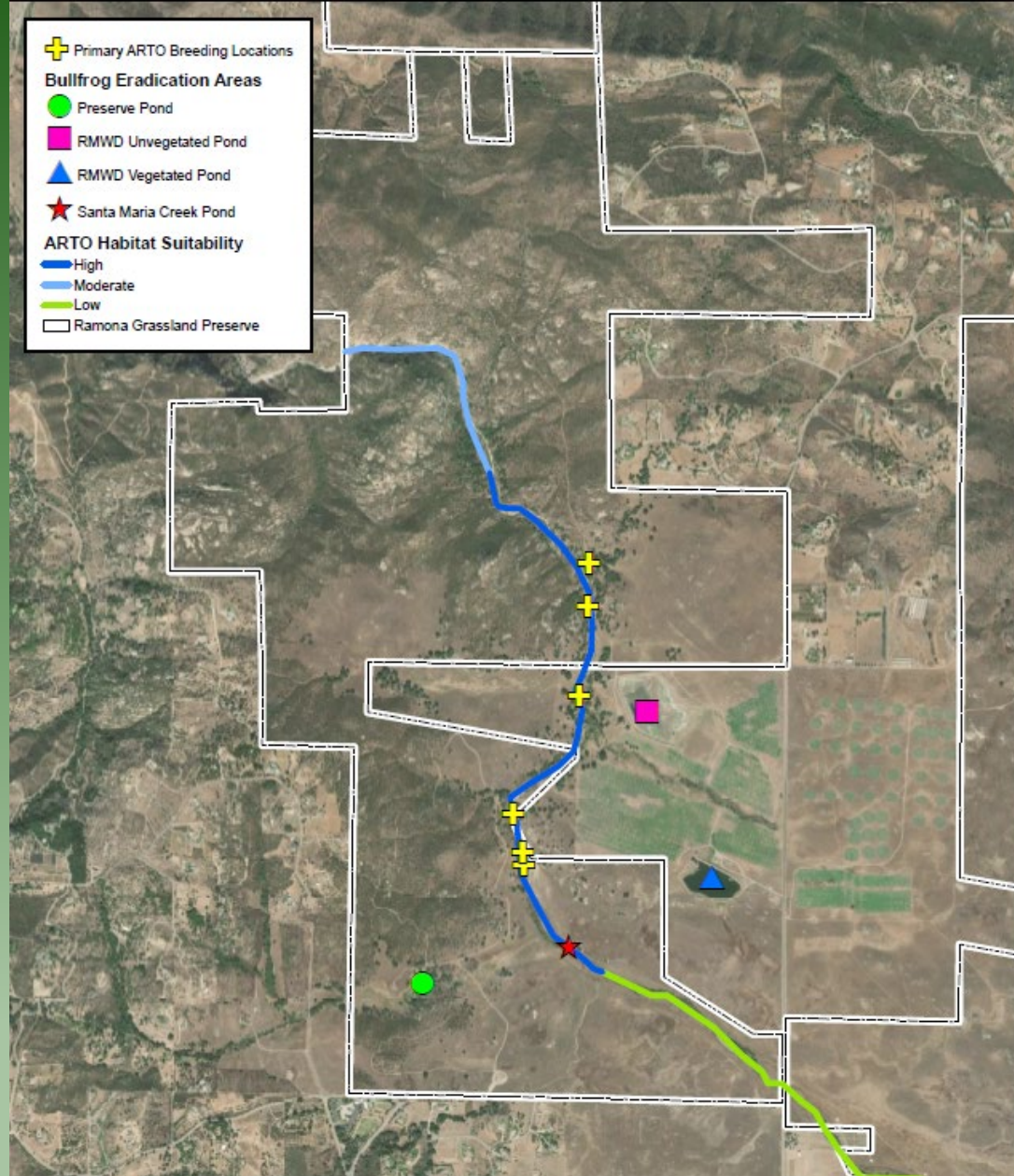


# Ramona Grasslands Preserve Bullfrog Eradication Project



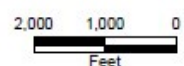
- Removal methods included use of both gigs and seine netting
- In total removed more than 1,500 bullfrog adults, tadpoles and juveniles over the project term





**Ramona Grasslands Preserve**

Date Printed: 12/3/2020      Author: Korey Klutz



**Figure 3**  
**ARTO Locations & Habitat**



# Ramona Grasslands Preserve Bullfrog Eradication Project





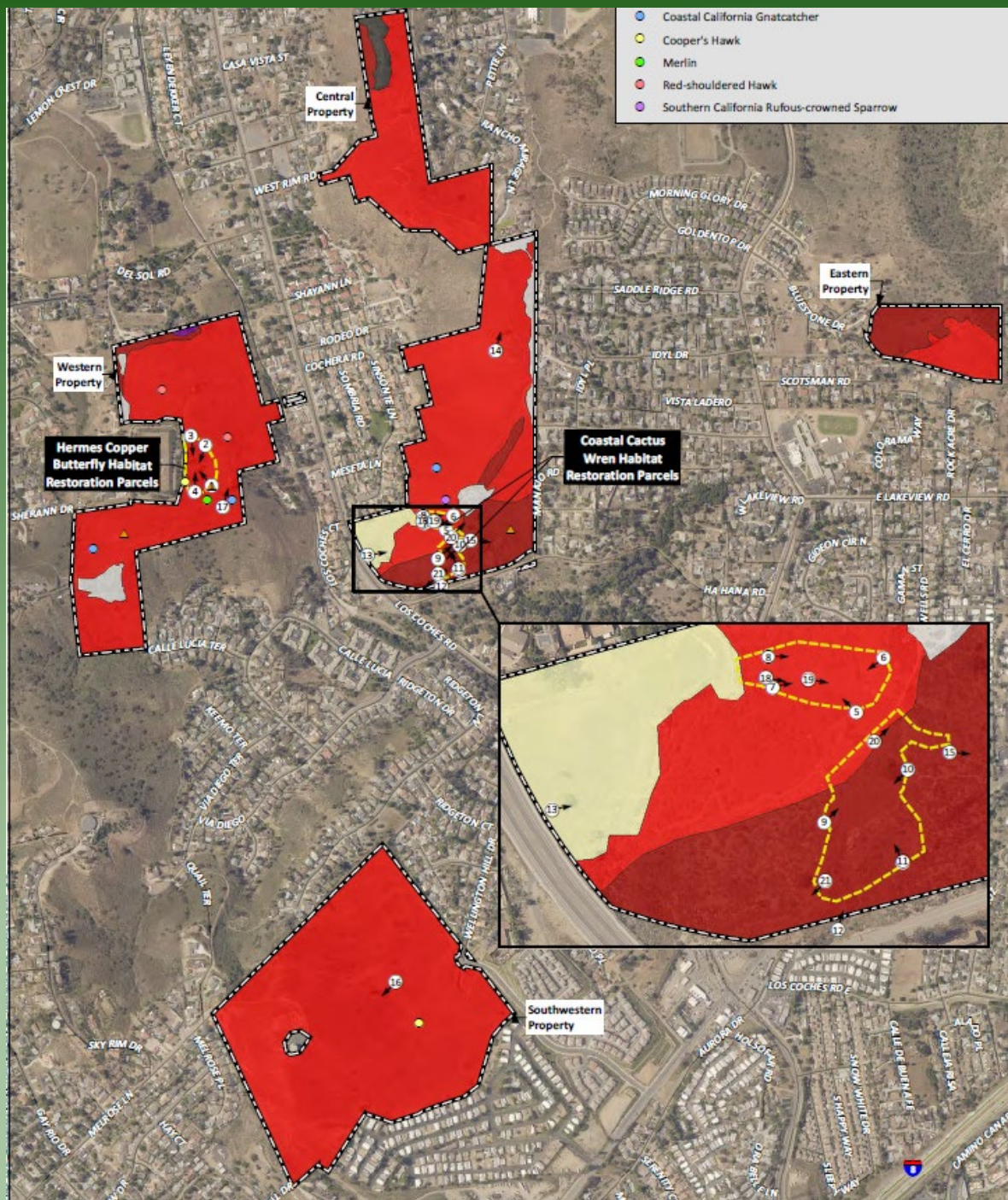
# Cactus Wren and Hermes Copper Butterfly Habitat Restoration Project Lakeside Linkage Preserve



- Restoration of 2 acres of cactus in central property and 2 acres of spiny redberry/buckwheat in western property
- Enhancement of entire Preserve through treatment of invasive non-native plants to benefit CSS









# Cactus Wren and Hermes Copper Butterfly Habitat Restoration Project Lakeside Linkage Preserve



# Sycamore Canyon/Goodan Ranch Preserve Targeted Invasive Non-native Removal Project



- Treatment and removal of invasive non-native plants within a 32-acre area within riparian habitat
- Monitoring soil moisture levels inside and outside of treatment area to determine if treatment of invasive non-native plants will increase soil moisture levels



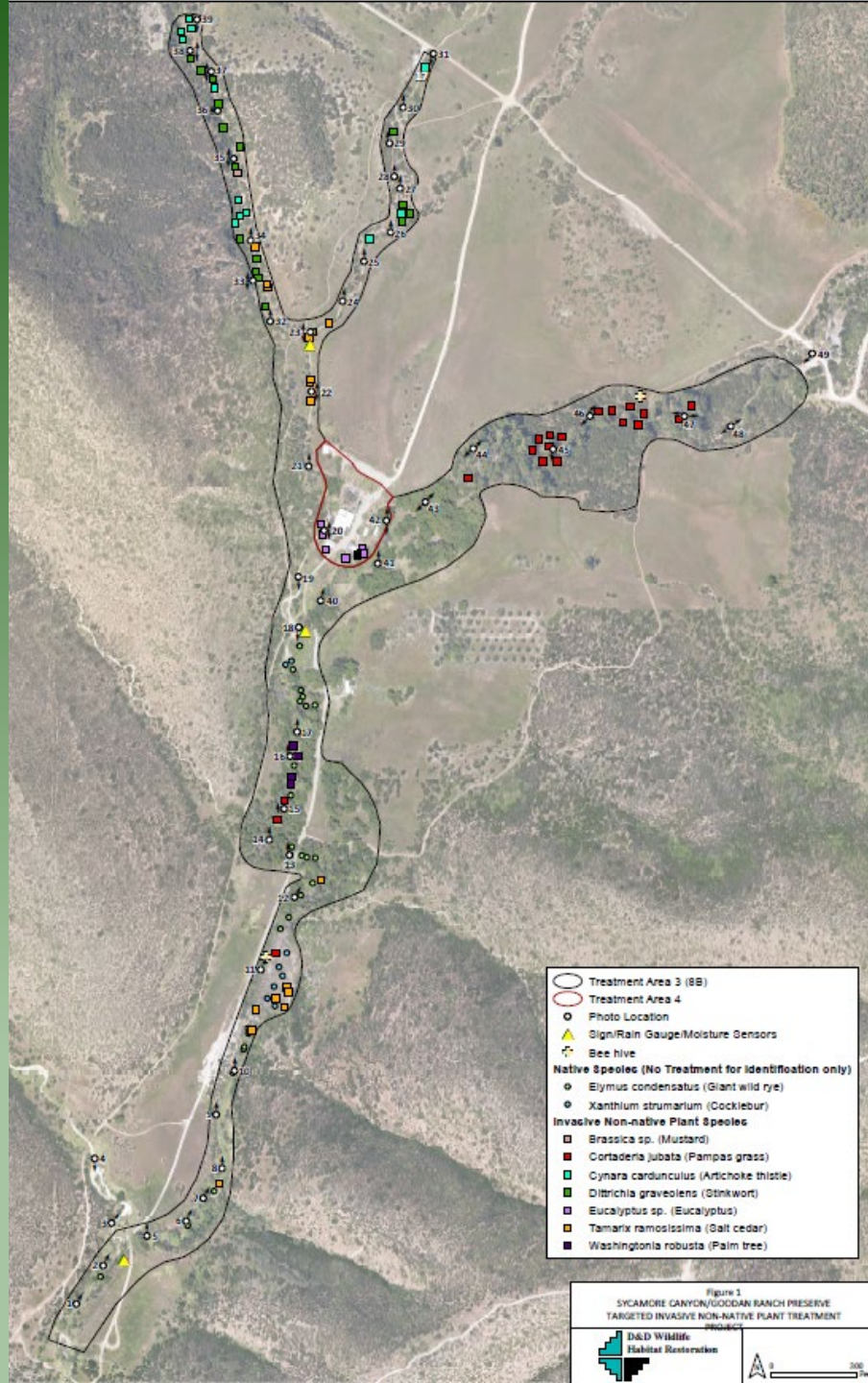


Figure 3  
SYCAMORE CANYON/GODDAN RANCH PRESERVE  
TARGETED INVASIVE NON-NATIVE PLANT TREATMENT  
PROJECT





# Sycamore Canyon/Goodan Ranch Preserve Targeted Invasive Non-native Removal Project





# Upcoming Habitat Restoration Projects

- California Natural Resources Agency River Parkways Grant – Tijuana River Valley Invasive Removal, Restoration and Interpretation Project
- CDFW Proposition 1 Grant – TRVRP Brownfill Restoration Project
- CDFW Proposition 1/68 Tijuana River Valley Invasive Species Removal and Restoration Plan Project



# Thank You

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