

March 6, 2025



# Updates from the Preserve Steward

City of Carlsbad HMP Annual Meeting



# Presenters



**Adrienne Lee**

City of Carlsbad Preserve Steward

**ESA SAN DIEGO**



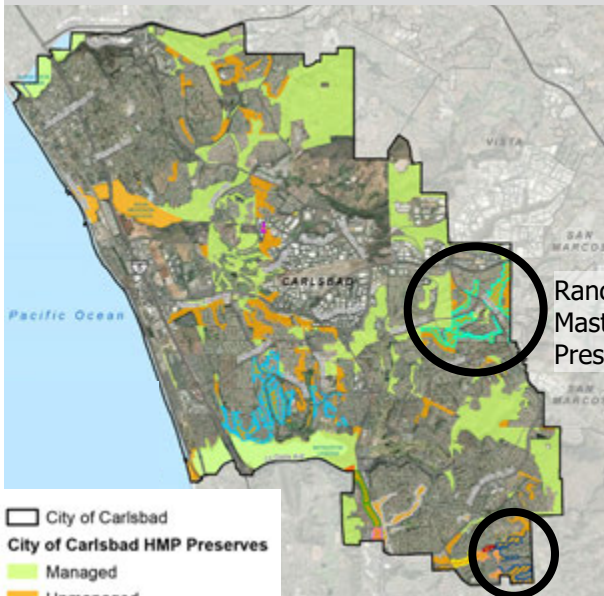
**Karla Alcaraz**

Biologist

**ESA SAN DIEGO**

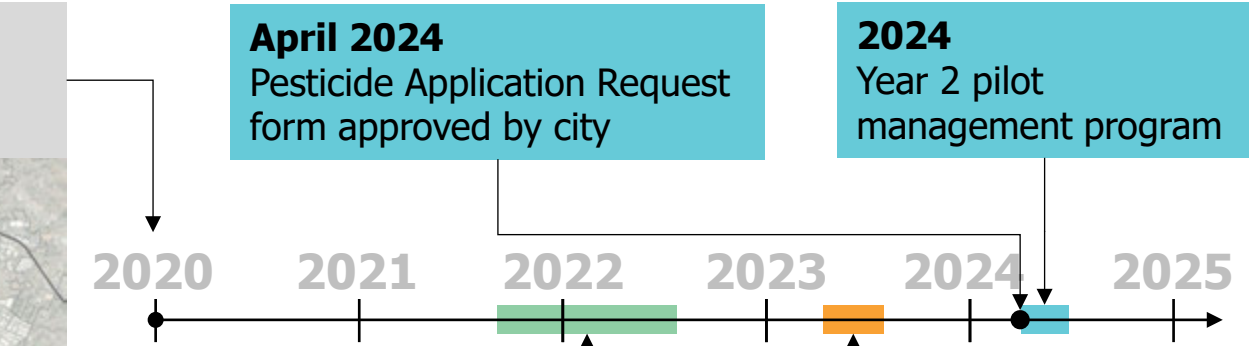
# Pilot Management Program

**2020**  
Unmanaged preserves desktop analysis



- City of Carlsbad
- City of Carlsbad HMP Preserves
  - Managed
  - Unmanaged
- Surveyed Unmanaged Preserves
  - Aviara Master Assoc
  - Batiquitos Land LLC
  - Blackmore Signal
  - Continental Residential
  - Continuing Life Communities
  - Fourth Quarter Properties
  - La Costa Valley
  - La Cresta
  - Rancho Carrillo Master Assoc
  - Santa Fe Trails
  - The Ranch

The Ranch Preserve



**April 2024**  
Pesticide Application Request form approved by city

**2024**  
Year 2 pilot management program

**2021 - 2022**  
Site inspections

**2023**  
Initiated Year 1 pilot management program



# Rancho Carrillo Master Association Preserve



Thread-Leaved Brodiaea



San Diego Thornmint

- Rancho Carrillo Master Association Preserve
- Management Area
- Future Artichoke Thistle Management Area
- San Diego Thornmint Photo Point
- San Diego Thornmint Maximum Extent
- Thread-Leaved Brodiaea Photo Point
- Thread-Leaved Brodiaea Maximum Extent



# Rancho Carrillo: San Diego Thornmint



hand-weeding

# Rancho Carrillo: San Diego Thornmint



Pre-management (April 2024)



Post-management (June 2024)

# Rancho Carrillo: Thread-Leaved Brodiaea



mechanical cutting/targeted herbicide

# Rancho Carrillo: Thread-Leaved Brodiaea



Pre-management (May 2024)



Post-management (June 2024)

# The Ranch Preserve



# The Ranch: Native Grassland



mechanical cutting/targeted herbicide

# The Ranch: Native Grassland



Pre-  
management  
(May 2024)



Post-  
management  
(June 2024)









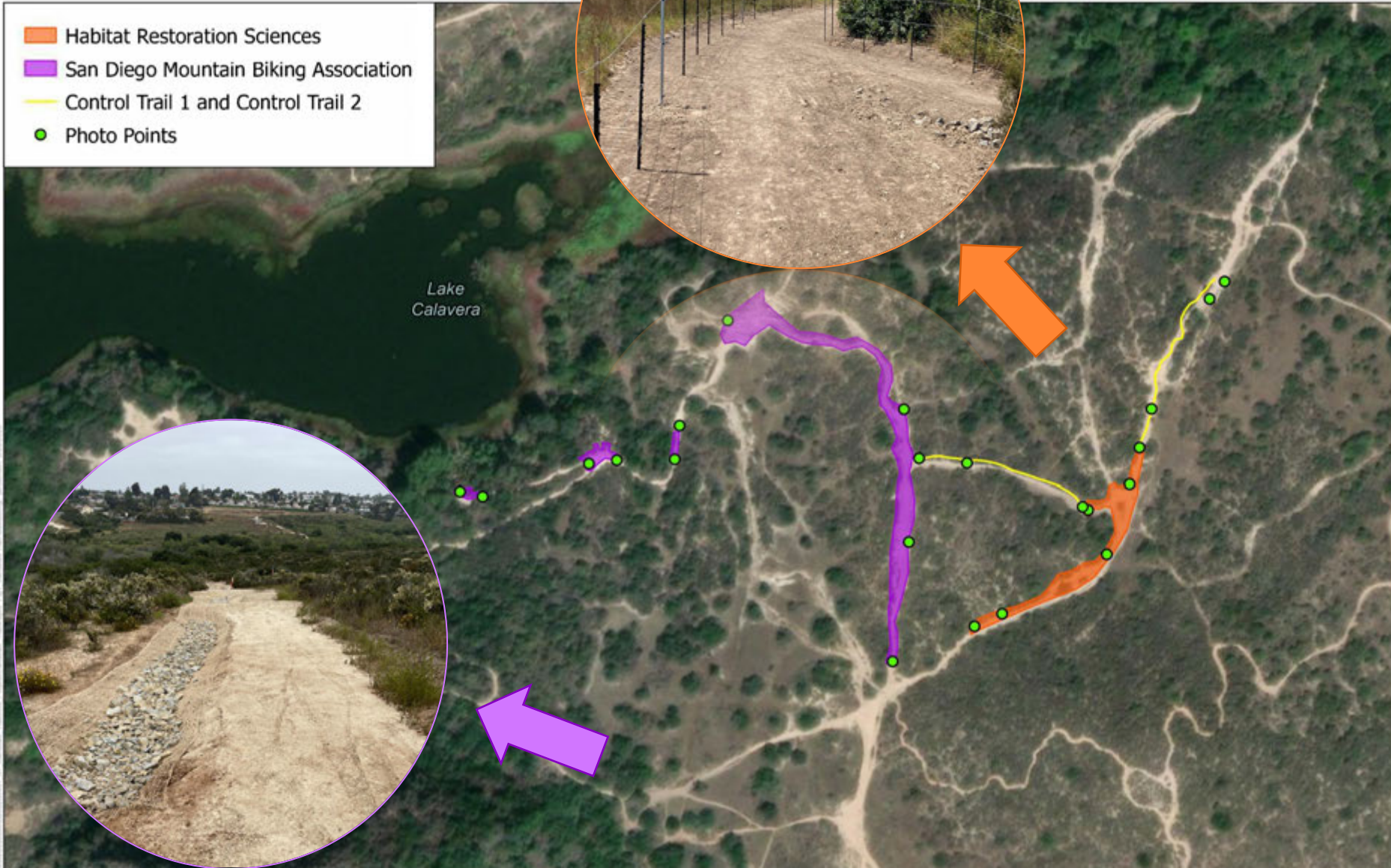
# Trail Monitoring at Lake Calavera





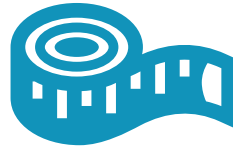
# Study Purpose

-  Habitat Restoration Sciences
-  San Diego Mountain Biking Association
-  Control Trail 1 and Control Trail 2
-  Photo Points



Lake Calavera

# Methods



# Current Status



1<sup>st</sup> visit

2<sup>nd</sup> visit



## 2025 Ongoing/upcoming activities

- Spring/Summer: Year 3 pilot management program
- Spring/Summer: Site inspections through Watershed Protection Division Partnership
- Quarterly: Village H dog waste study
- Quarterly: Trail monitoring program



A photograph showing two individuals in protective suits and gloves working in a field of tall, dry grass and green shrubs. One person is standing and holding a bundle of grass, while the other is bent over, possibly planting or tending to the ground. The background shows a hilly landscape with some buildings in the distance.

# Thank you!

**Questions/comments can be submitted to:**

**Rosanne Humphrey**

Habitat Management Plan Program Manager

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City of Carlsbad

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