



# Habitat Management Plan 18<sup>th</sup> Annual Public Meeting

Environmental Sustainability Department  
March 2, 2023  
10:00 am - 12:00 pm



# Housekeeping Items

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- The meeting will start at 10:00 and be recorded
- Please keep cameras off and microphones muted
- Q&A after each presentation as time permits
- Type questions in Chat or raise the hand icon
- The recording will be posted on the city's website  
<https://www.carlsbadca.gov/departments/environmental-sustainability/habitat-protection/hmp-reports-studies>
- Contact: [Rosanne.Humphrey@carlsbadca.gov](mailto:Rosanne.Humphrey@carlsbadca.gov)

# Habitat Management Plan (HMP)

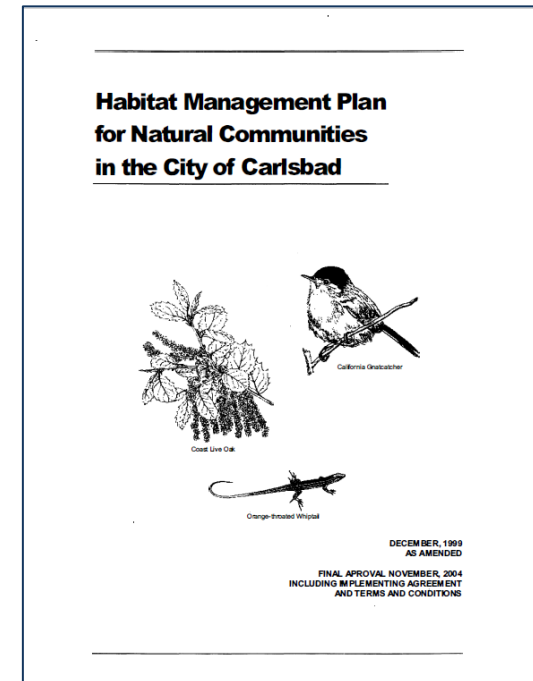
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## 1. Citywide conservation program

- ❖ Ecosystem-level plan
- ❖ Science-based, adaptive management and long-term biological monitoring

## 2. Regulatory document

- ❖ Multiple Habitat Conservation Program
- ❖ State/Federal Endangered Species Acts
- ❖ NCCP/HCP Plan

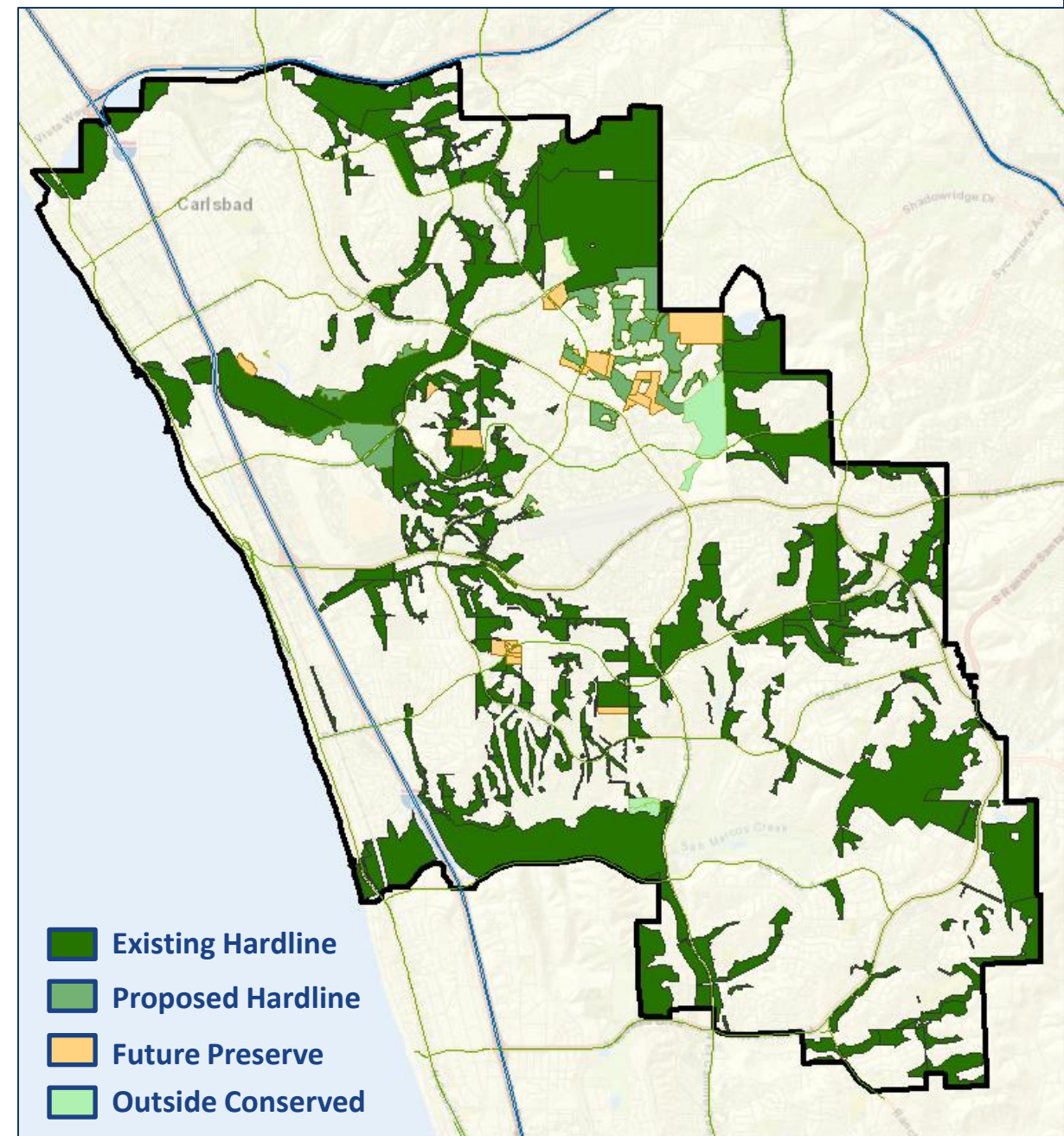


November, 2004

# Habitat Management Plan (HMP)

## Goals

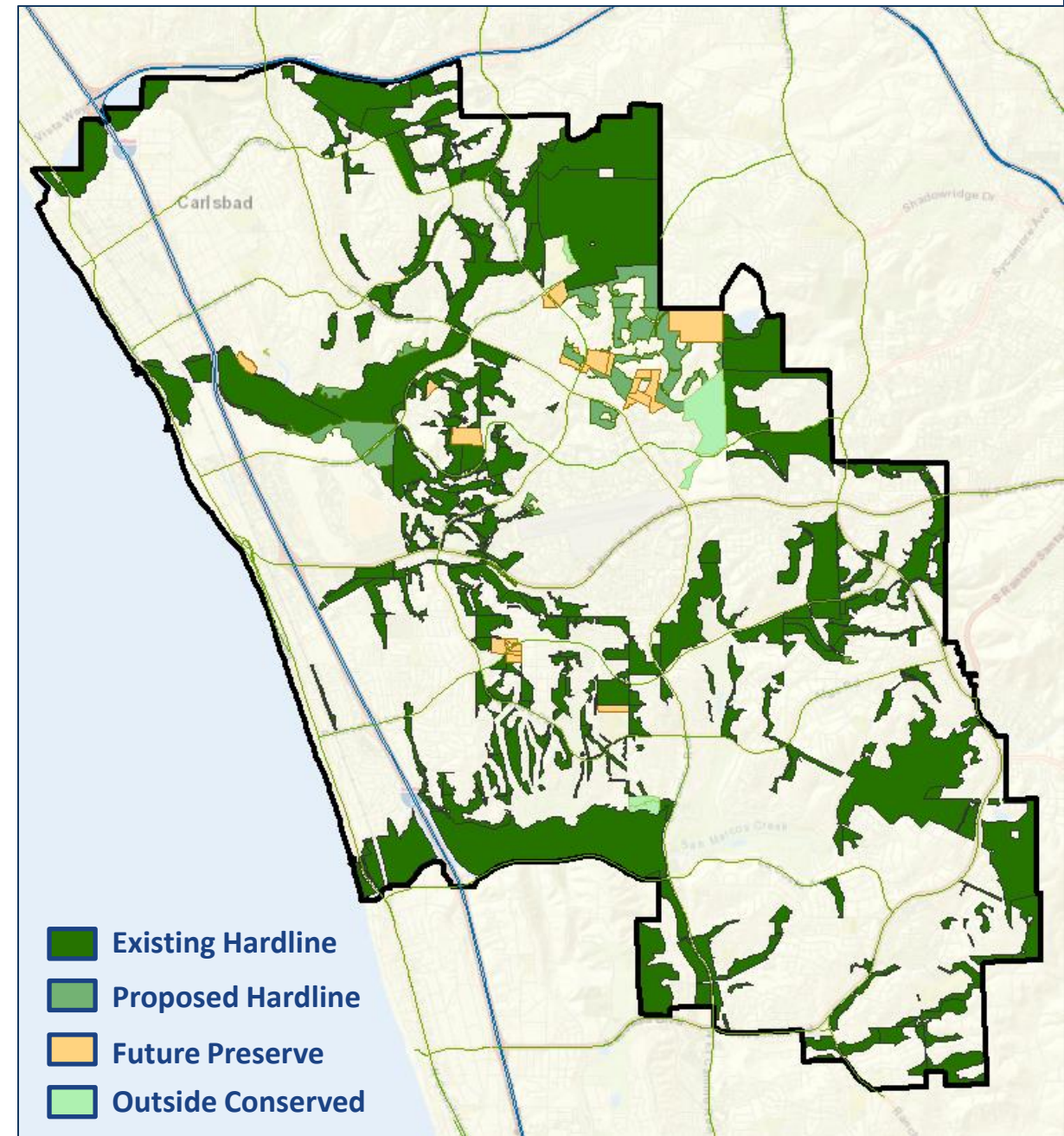
- Conserve all native habitat types and “covered” sensitive species
- Establish core habitat areas and wildlife movement corridors
- In return, development is allowed to occur following Growth Mgmt Plan
- Recreation/public use = secondary; must be compatible with HMP conservation goals



# Habitat Management Plan (HMP)

## Preserve System Status

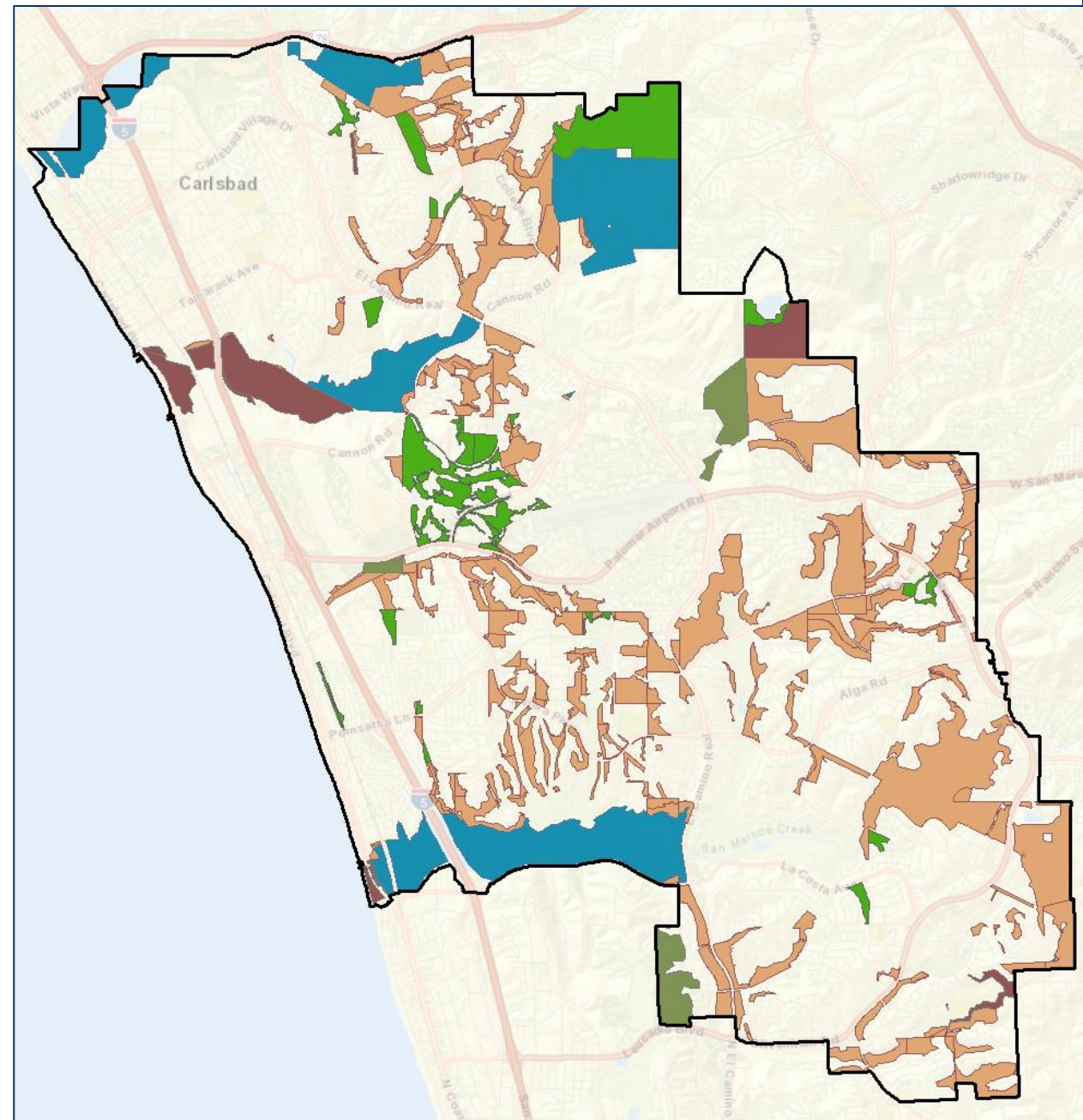
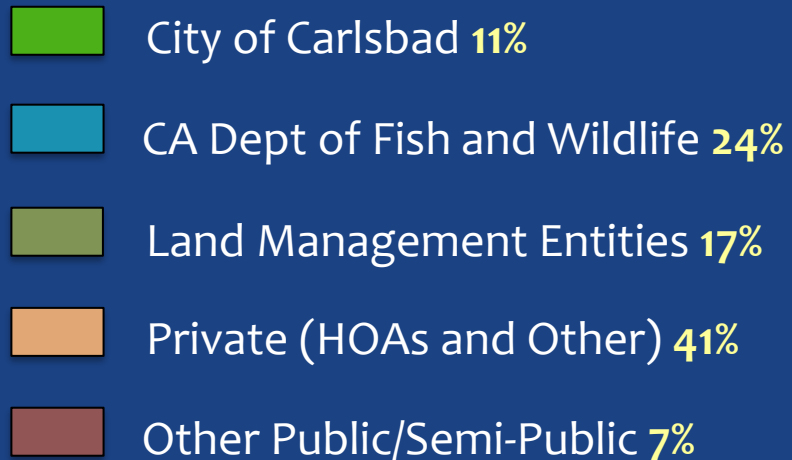
- Currently at 6,195 acres  
= 96% target



# Habitat Management Plan (HMP)

## Land ownership

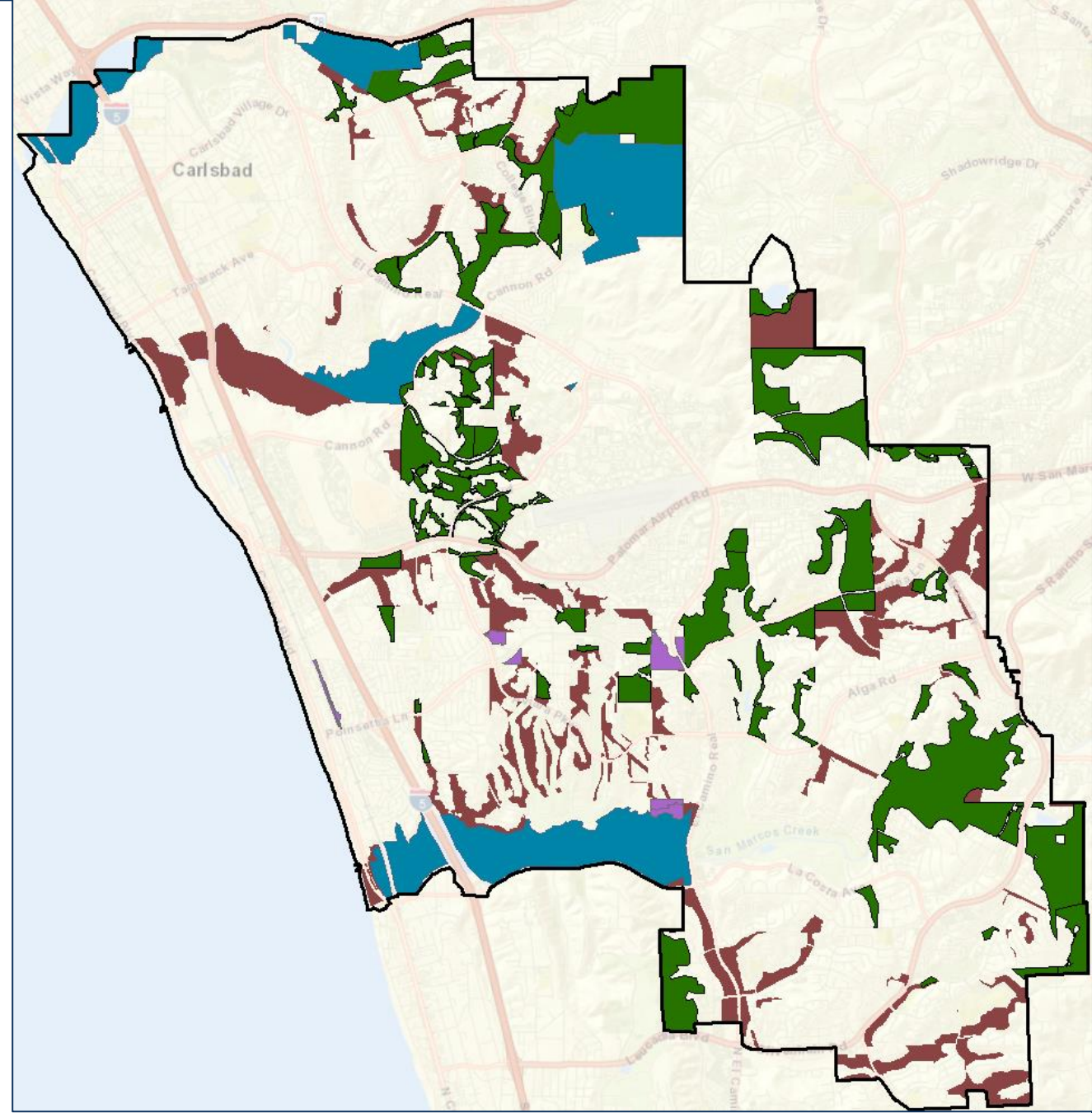
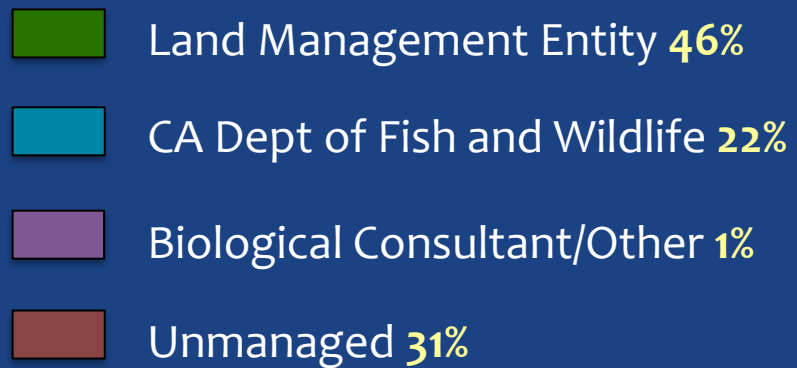
- Started with pre-existing preserves
- Post-HMP: new preserves added through development process
- Landowners



# Habitat Management Plan (HMP)

## Land Management

- Pre-HMP preserves: unmanaged
- Post-HMP: non-profit land managers, mostly CNLM; also SDHC, UC
- Land Managers



## Habitat Management Plan (HMP)

### Coastal California Gnatcatcher Surveys

- Flagship species that started HMP Program
- Federally Threatened
- Citywide long-term monitoring
- Restricted to coastal sage scrub





## Habitat Management Plan (HMP)

### Coastal California Gnatcatcher Surveys

Year	Acres Surveyed	No. Pairs	No. Single Males
2010	1,805	85	42
2013	1,985	122	33
2022	2,060	134	41

- Stable or increasing
- Found in all patch sizes
- Small patches can provide stepping stones for dispersal and refugia after catastrophic events such as fire

# Questions?

- Annual report, presentations and meeting recording will be posted on city's website
- Google: Carlsbad HMP Reports & Studies



Contact: [Rosanne.Humphrey@carlsbadca.gov](mailto:Rosanne.Humphrey@carlsbadca.gov)