



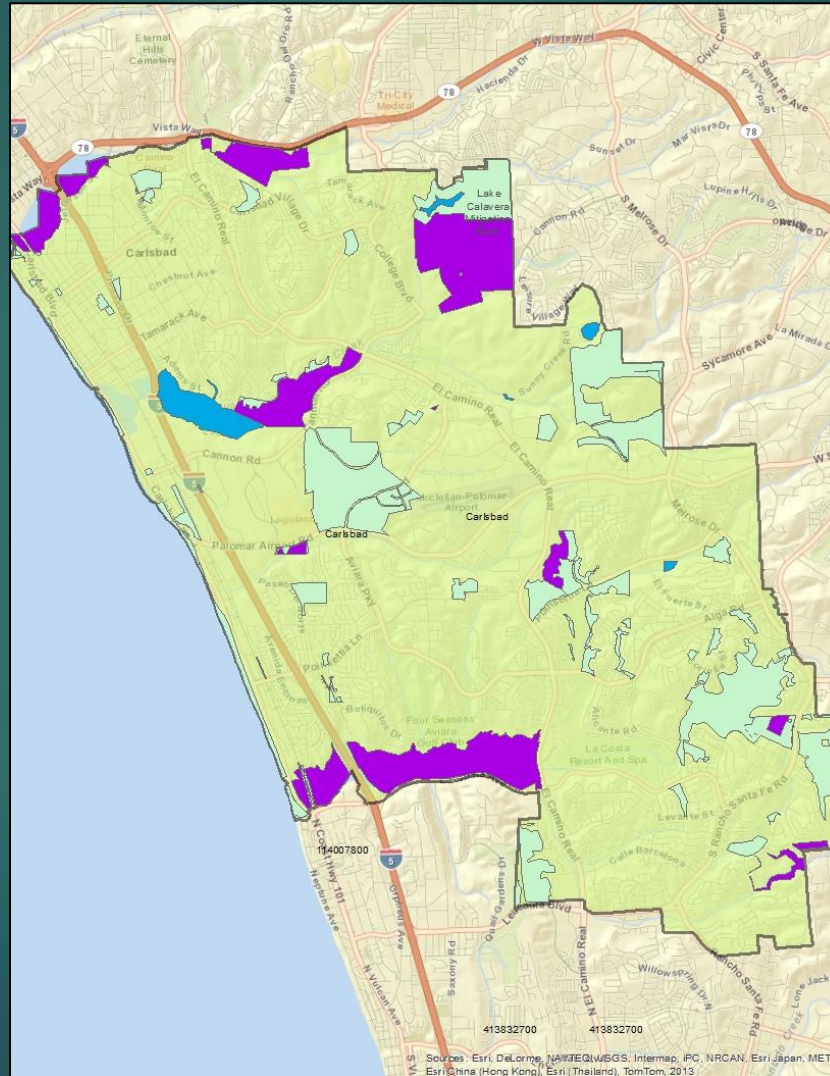
California Department of Fish & Wildlife

CARLSBAD HMP ROUNDUP

Presented By Gabriel Peñaflor

CDFW properties in Carlsbad

- Batiquitos Lagoon ER
- Agua Hedionda Lagoon ER
- Carlsbad Highlands ER



- Buena Vista Lagoon ER
- Buena Vista Creek ER
- other lands

Brodiaea filifolia site



State
Endangered
Federally
Threatened

Batiquitos Lagoon



Dredging



Opens up tidal flow

Planning underway for the next round in Fall/Winter 2025

California least tern



New California Least Tern (CLTE) Layer: Biogeographic Information Observation System (BIOS)

BIOS is CDFW's
repository of
biogeographic
spatial data

Facilitates data
sharing between
CDFW, Partner
Organizations,
and the public.

The screenshot displays the BIOS web application interface. The top navigation bar includes 'Register', 'Login', 'Contents', '+ BIOS Data', and a settings icon. The main content area is divided into a left sidebar, a central map, and a right sidebar. The left sidebar, titled 'Contents', shows the 'Active Layer' as 'California Least Tern Monitoring Sites Generalized - CDFW [ds3146]' and lists various layer options under 'Graphics Layers', 'External Layers', 'BIOS Layers', and 'Reference Layers'. The central map shows a satellite view of California with several green circular markers indicating monitoring sites along the coast. The right sidebar, titled 'Identify Features', provides instructions on how to identify features on the map and shows the 'Identify Results' section. Below the map, a data table is displayed with the following columns: OBJECTID, Site_ID, Site_Name, Region, YEAR, ANNUAL_REPORT_SITE_NAME, CURRENT_SITE_NAME, SITE_NAME_ABBR, REGION, INDEX_SITE, ENSO_EVENT, BP_MIN, BP_MAX, FL_MIN, FL_MAX, TOTAL_NESTS, NONPRED_EGGS, and NONPRED_EGGS. The table contains three rows of data for monitoring sites in the Southern region.

OBJECTID	Site_ID	Site_Name	Region	YEAR	ANNUAL_REPORT_SITE_NAME	CURRENT_SITE_NAME	SITE_NAME_ABBR	REGION	INDEX_SITE	ENSO_EVENT	BP_MIN	BP_MAX	FL_MIN	FL_MAX	TOTAL_NESTS	NONPRED_EGGS	NONPRED_EGGS
1	31	BILDR DATIQUITOS LAGOON ECOLOGIC... RESERVE	SOUTHERN	1990	DATIQUITOS LAGOON	DATIQUITOS LAGOON ECOLOGICAL RESERVE	BILDR	SOUTHERN	N	NEUTRAL	27	27	28	28	NRNA	NRNA	NRNA
2	31	BILDR DATIQUITOS LAGOON ECOLOGIC... RESERVE	SOUTHERN	1991	DATIQUITOS LAGOON; SOUTH PARK AND RIDE EAST	DATIQUITOS LAGOON ECOLOGICAL RESERVE	BILDR	SOUTHERN	N	NEUTRAL	36	36	32	38	NRNA	NRNA	NRNA
3	31	BILDR DATIQUITOS LAGOON ECOLOGIC... RESERVE	SOUTHERN	1992	DATIQUITOS LAGOON, NE, SOUTH	DATIQUITOS LAGOON ECOLOGICAL RESERVE	BILDR	SOUTHERN	N	CL_NIND	11	11	3	5	11	NRNA	NRNA

<https://apps.wildlife.ca.gov/bios6/>

Predator control: USDA-APHIS

- ▶ Owls/raptors/corvids
- ▶ long tailed weasels
- ▶ rats
- ▶ ants
- ▶ feral cats
- ▶ skunks
- ▶ coyote
- ▶ raccoon
- ▶ etc.



Snowy plover



Agua Hedionda Lagoon



Carlsbad Highlands



Buena Vista Lagoon



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