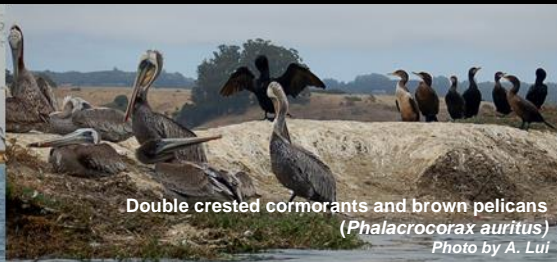


Estero de San Antonio State Marine Recreational Management Area

North Central California Marine Protected Areas (MPAs), *Established May 2010*



Site Overview

Photos are representative of the North Central Coast Region and may not be within this MPA.

What is an MPA?

MPAs are a type of [marine managed area](#) (MMA) where marine or estuarine waters are set aside primarily to protect or conserve marine life and associated habitats. California has a coastal network of 124 protected areas designed to help increase the coherence and effectiveness of protecting the state's marine life, habitats, and ecosystems. The network includes three types of MPA: [state marine reserve](#) (SMR), [state marine conservation area](#) (SMCA), and [state marine park](#) (SMP); one MMA: [state marine recreational management area](#) (SMRMA); and [special closures](#). There are 119 MPAs, 5 MMAs and 15 special closures, each with unique boundaries and regulations in the network. Non-consumptive activities, restoration, and permitted scientific research are allowed.

What is a SMRMA?

A **SMRMA** is a type of MMA that provides protection equivalent to an MPA. A SMRMA generally prohibits the take of marine resources. (*Area restrictions are defined in [Title 14, Section 632\(a\)\(1\)\(D\)](#)*).

Estero de San Antonio SMRMA Overview

- **SMRMA size:** 0.07 square miles
- **Depth range:** 0 to 10 feet
- **Along-shore span (shoreline):** 1.0 miles

Estero de San Antonio SMRMA Key Habitats

- **Beaches:** 0.51 miles
- **Rocky shores:** 0.34 miles
- **Tidal flats:** 0.50 miles
- **Marsh:** 0.02 square miles
- **Estuary:** 0.07 square miles

Where is Estero de San Antonio SMRMA?



Boundaries and Regulations

Boundary: This area includes the waters below the mean high tide line within Estero de San Antonio westward of longitude 122° 57.400' W.

Only the following take is allowed in Estero de San Antonio SMRMA: Waterfowl may be taken in accordance with the general waterfowl regulations (sections 502, 550, 551, and 552).

Estero de San Antonio State Marine Recreational Management Area

How and Why Estero de San Antonio Bay was Chosen for a SMRMA

This SMRMA was designed through a collaborative, regional public process by a cross-interest regional stakeholder group (RSG). Using scientific criteria, public input and local resource knowledge the RSG developed MPA proposals. RSG proposals included specific objectives (why the site should be an MPA-*included below*), the classification (type of MPA), boundaries, and regulations. Final MPA proposals were sent to the California Fish and Game Commission (Commission) for their adoption process. Estero de San Antonio SMRMA was adopted by the Commission in 2010.

North Central Coast RSG Specific Objectives for Estero de San Antonio SMRMA:

Example of species most likely to benefit: Significant seabird aggregations, striped bass, starry flounder, gobies eelgrass, ghost shrimp, mud shrimp, & brackish water clams. Protect species diversity & abundance, trophic structure and food webs, natural age structure & genetic diversity in representative habitats. Sustain or increase reproduction of species by protecting & retaining large individuals & protecting breeding, foraging, rearing & nursery areas. Enhance scientific validity with similar habitat replicated in close proximity.

Species Likely to Benefit from the Establishment of MPAs in California

Species likely to benefit from establishing an MPA are those, whose home range, behavior, reproduction, exploitation rate or population status indicates that they may benefit from spatial management. This includes species that are directly targeted by fisheries, those which are caught incidental to fishing for the target species (bycatch) and which cannot be returned to the water with a high rate of survival, and those which may be indirectly impacted through ecological changes within MPAs.

For a list of species likely to benefit from MPAs statewide: www.dfg.ca.gov/marine/mpa/species.asp

For a list of species likely to benefit from north central coast MPAs: www.dfg.ca.gov/marine/pdfs/binders/b2dc.pdf

North Central Coast Regional Resources

California MPA Overview:

www.wildlife.ca.gov/MPAs/Network-Overview

North Central Coast Regional Goals and Objectives:

www.dfg.ca.gov/marine/pdfs/binders/b4da.pdf

California MLPA North Central Coast Study Region Description of MPAs:

www.dfg.ca.gov/marine/pdfs/ipa_description.pdf

Methods Used to Evaluate MPAs in the North Central Coast:

www.dfg.ca.gov/marine/pdfs/ncrcsg-dprops/evaluationmethods.pdf

MPA Research and Monitoring Activities:

www.wildlife.ca.gov/MPAs/Research-And-Monitoring

Regional MPA Statistics:

www.wildlife.ca.gov/MPAs/Statistics

Regional Planning History:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Planning-Process

California MPA Network Resources

Detailed MPA guidebooks maps and brochures:

www.wildlife.ca.gov/MPAs/Network

California Marine Life Protection Act Marine Protected Areas Master Plan:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Master-Plan

Marine Life Protection Act Summary and Network Goals:

www.wildlife.ca.gov/MPAs/Network-Goals



For more information, visit:

www.wildlife.ca.gov/MPAs

Email:

AskMPA@wildlife.ca.gov

MPA Mobile:



Report poaching and polluting,

Call CalTIP

1-888-334-2258

The information in this document does not replace the official regulatory language found in the California Code of Regulations Title 14, Section 632 www.wildlife.ca.gov/Conservation/Marine/MPAs/Network/Title-14-Section-632