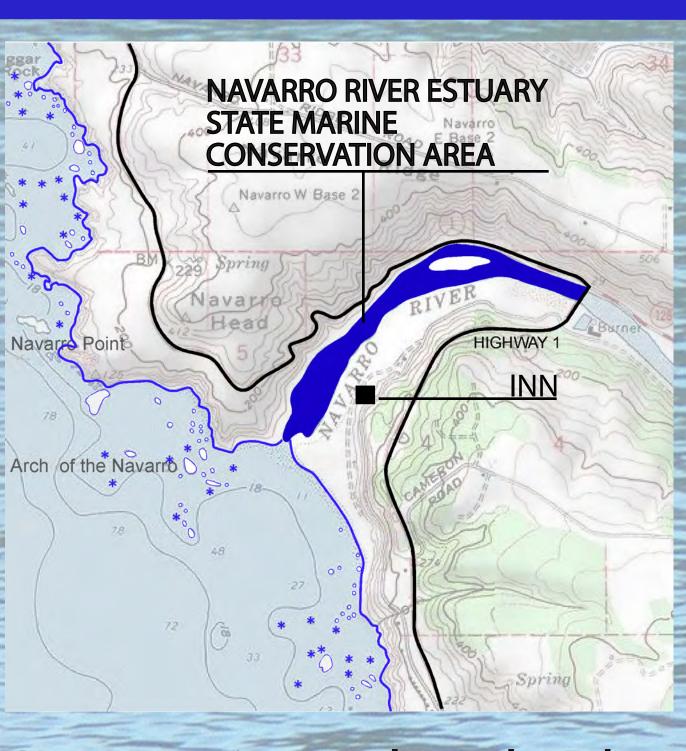
RESOURCE PROTECTION

Navarro River Marine Estuary

State Marine Conservation Area • California Coastal National Monument



An estuary is a partly enclosed coastal body of brackish water where the mouth of a river or stream meets the tide of the open sea. In December 2012, a portion of the Navarro River Estuary extending to the Highway 1 bridge was designated as a State Marine Conservation Area, which will conserve valuable natural resources while still allowing public recreation, with certain restrictions. Some of the aquatic life protected in the Navarro River Estuary, their characteristics, and their habits are summarized to the right.



Harbor Seal Phoca vitulina

- up to six feet long and adults can attain a weight of 300 pounds (or more).
- brown, tan or gray, with distinctive V-shaped nostrils. short side flippers serve as
- propellers for movement. favor familiar resting or haul-out
- spots near foraging areas that are protected from adverse weather and predators.
- enjoy sunning on rocks.
- will haul out on Navarro beach at night and when river flows limit human access.

Northern River Otter Lontra canadensis

- up to four feet long (including tail) with water-repellent fur and clawed webbed feet for versatility in both water and on land.
- when diving, nostrils and ears close to keep water out; can stay underwater for up to four minutes.
- a diet of fish is favored, but may also feed on amphibians, turtles, crayfish and rodents.
- quite playful; often seen frolicking in the water.
- builds burrows with many in-and-out tunnels near the water's edge.
- found throughout the Navarro **River Watershed.**

Common Merganser Mergus merganser

- with a 3-foot wing span.
- females have richly colored cinnamon heads.
- both salt and fresh water.
- bills help to grip prey.
- shallow.
- permanent resident of the **Navarro River Estuary**

Navarro-by-the-Sea Center for Riparian and Estuarine Research

DID YOU KNOW?

Located off the entire state coastline, the California Coastal National Monument comprises more than 20,000 small islands, rocks, exposed reefs, and pinnacles like the Arch of the Navarro.



Navarro-by-the-Sea-Center website or: LEARN MORE HERE



large ducks up to 28 inches long

males visually striking in breeding plumage, white bodies with black heads covered by glossy green;

float gracefully on small rivers or shallow shorelines; typically use

 dive for food, mostly fish but also other aquatic life such as mollusks and small crustaceans; serrated

often fish in a group forming a semi-circle to drive prey into a

CHALLENGE

This area, its species and habitat benefit from the 1999 Marine Life Protection Act, that was a result of a publicprivate partnership initiative. How could you be involved in ensuring its implementation?