

POSEIDON WATER AND THE AGUA HEDIONDA LAGOON: Committed to Preserving & Protecting Our Coastal Environment



Claude “Bud” Lewis
Carlsbad Desalination Plant

1 Claude “Bud” Lewis Carlsbad Desalination Plant



The Carlsbad Desalination Plant produces over 50 million gallons of high-quality and climate resilient drinking water each day, meeting approximately 10 percent of the region’s water demand.

In 2019, plant owner and operator Poseidon Water assumed stewardship of the lagoon, along with its recreational and marine resources.

2 Improved Coastal Access and Lagoon Restoration



Through the lagoon stewardship, Poseidon Water is enhancing coastal access and oceanfront land for hiking trails, beach access, and beach parking and an expansion of the Hubbs-SeaWorld fish hatchery. Poseidon Water is also ensuring the restoration and protection of marine life through the periodic dredging and maintenance of the lagoon.

3 Protecting Marine Habitats



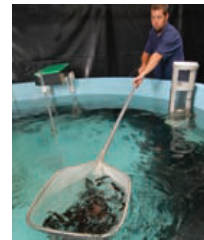
Agua Hedionda Lagoon encompasses over 400 acres of marine, estuarine, and wetlands habitat that is home to hundreds of fish, invertebrate and bird species. Among them are the vibrant California state marine fish, the Garibaldi, which are found in greater numbers here than comparable habitats in the pristine environments of Coronado, San Clemente and Santa Catalina islands.

4 YMCA Aquatic Park



The YMCA Aquatic Park, better known as Camp H2O, is a summer camp geared towards seven- to twelve-year-olds and offers affordable day camp activities including swimming, kayaking, boating and fishing. The camp plays an important role in educating youth about the precious marine environment and the need to preserve the lagoon for future generations.

5 Hubbs-SeaWorld Fish Hatchery



Hubbs-SeaWorld Resources Enhancement and Hatchery Program includes a 22,000 square-foot fish hatchery on the lagoon. The Program actively contributes to the restoration of the California white seabass population, adding over 350,000 juveniles annually. Hubbs-SeaWorld has begun to expand its marine restoration activities as a result of additional acreage donated by Poseidon Water.

6 Beach Sand Replenishment



Historically, tidal patterns affecting Carlsbad State Beach removed most of the beach’s sand, leaving only rough cobblestones. As stewards of the lagoon, Poseidon Water will continue the periodic lagoon dredging, which provides the beach with a permanent sand supply and replenishment.

7 Warm Water Jetties Surf Break



The power plant’s discharge channel acted as a manmade river mouth that delivered sand to the end of the jetties, creating a natural sand bar. For years, this has created one of the most popular surf spots in North San Diego County. With the decommissioning of the power plant, the surf break was threatened. However, with the Carlsbad Desalination Plant’s use of the jetties, the surf break will exist for years to come.

8 Agua Hedionda Lagoon Foundation Discovery Center



Opened in 2006, the Discovery Center offers visitors an opportunity to learn about the lagoon’s native plants and marine life through exhibits and educational programs.

9 Recreational Boating



Boating remains one of the most popular lagoon activities for residents and visitors. California Water Sports offers expert lessons and rents a variety of boats, including kayaks, canoes and paddleboats to the public.

10 Carlsbad Aquafarm



The lagoon is home to the Carlsbad Aquafarm, Southern California’s only shellfish aquafarm, where over 1.5 million pounds of shellfish are grown sustainably each year. The farm is a growing contributor to the \$1.5 billion U.S. aquafarming industry and the San Diego region’s local economy.