

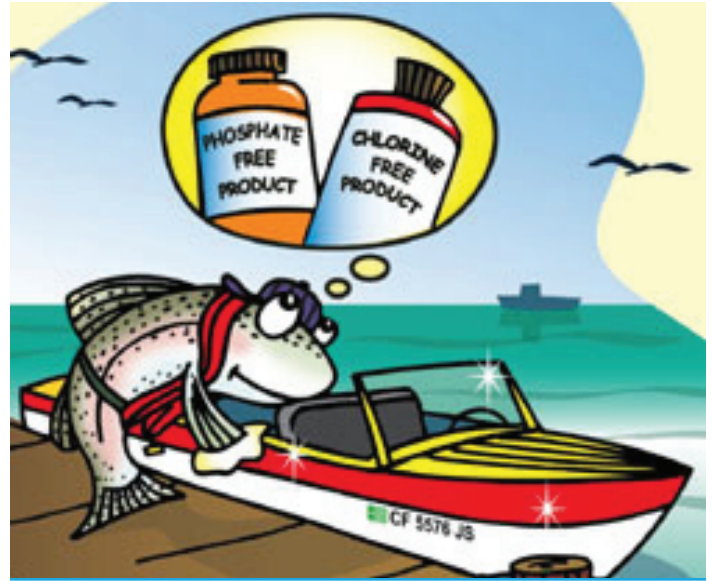
## Keeping It Fresh: How to Avoid a Smelly Holding Tank

Worried about the odor of your holding tank?

Here are some simple steps you can take to eliminate your concerns:

- Empty your holding tank on a regular basis. Full and overfull tanks are difficult and dangerous to drain. It is helpful to keep a pumpout log on your boat to track your holding tank capacity.
- Periodically rinse the entire system with water. When you finish pumping out your vessel, flush the system with fresh water to rinse out the holding tank, and pump out this water too.
- Use enzyme-based and bio-active solutions when possible to treat your holding tank contents as these are biodegradable and less toxic treatments.
- Avoid chemical treatments or other components that can be harmful to aquatic organisms. These can include chlorine, ammonium, or formaldehyde compounds, among other caustic chemicals.
- A simple and effective way to clean the boat's head: mix ½ cup of borax per 1 gallon of water and flush this through the system. Also, sprinkle baking soda around the rim of the deck waste fitting.

Do not forget the system hoses! Over time, these rubbery hoses begin to absorb the smell of sewage. Perform the following quick test: soak a rag with hot water and put it around the hose for a few minutes, remove the rag and smell it away from the hose. If the rag smells like sewage, it means the odor is permeating through and it is time to change the hose.



*Choose cleaners that will not have a negative impact on ocean life*

*Photo: Division of Boating and Waterways*

Taking good care of your boat's marine sanitation device can ensure an odor-free experience for yourself and your passengers. Visit [BoatingCleanandGreen.com](http://BoatingCleanandGreen.com) for more helpful tips and alternative cleanser ideas.





**Destination Series:**  
*Take in Beauty and Boating at*

## CATALINA ISLAND

Catalina Island is one of Southern California's most popular island destinations. Approximately 26 miles off the coast of Los Angeles County, Catalina Island is a gem rich in natural beauty and charm. There is much to do and see on this 18.5-mile-long island. It has two main harbors, Two Harbors and Avalon Harbor, and coves aplenty for recreational boaters to enjoy.

Two Harbors is known as an "outdoor lover's paradise" and is located at the western end of Catalina Island. Moorings are available; for pricing and reservations (two-night minimum during weekends, three-night minimum during holiday weekends), go to [www.visitcatalinaisland.com](http://www.visitcatalinaisland.com). A sewage pumpout is seasonally available at the Isthmus Pier, in addition to a free mobile pumpout service available in Cat Harbor.



**Avalon Harbor**

**Photo: John Hollenbeck**

Avalon Harbor is situated on the southeast end of the island and has grown to be a popular tourist destination. This quaint historic seaside city features hotels, restaurants, beaches, a boardwalk, Casino Point landmark, and much more. Avalon Harbor has over 250 moorings available. To obtain a mooring, standby at the harbor's main entrance for an assignment; no moorings are assigned over VHF marine radio. Starting at \$37 a day, mooring rates vary according to vessel length. Avalon Harbor is a no-discharge harbor! Any vessel refusing the placement of a dye tablet into its board head will be denied a mooring in Avalon Bay.



**Ship Rock**

**Photo: John Hollenbeck**

A free sewage pumpout is available on a floating dock located near the Casino building. For a fee, boaters can call Head Pumpers on CH 68 for a mobile pumpout service.

Adventure to Catalina Island. Recreate in its sparkling waters and bountiful activities from sea to land.

## Fred Hall Show Recap

Dockwalker volunteers and The Bay Foundation (Foundation) staff successfully completed an outreach effort in early March at the Fred Hall Show at the Long Beach Convention and Entertainment Center. The five-day outdoor recreation show, which featured more than 500 vendors, gave Dockwalkers and Foundation staff the ideal opportunity to provide face-to-face clean boating education to attendees.

**418** educational Boater Kits were distributed at the Fred Hall event to eager and enthusiastic recreational boaters, who learned the environmental effects of fuel, sewage, and other boat-based pollutants, and were given resources and tools to become proactive stewards of the environment.

Don't miss meeting with Dockwalkers at Marina del Rey's [Marina Fest](#), held June 20-21, to learn how to make a positive impact while on the water.



*Spectacular Dockwalking by the Conservation Corps of Long Beach*

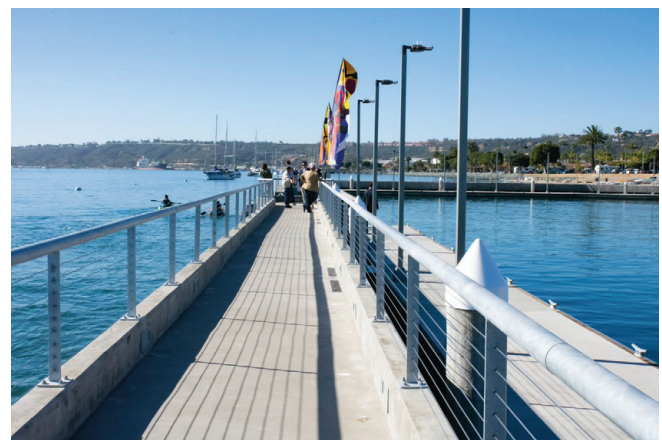
*Photo: Christine Pernin*

## New Shelter Island Boat Launch Facility

The Port of San Diego, along with community leaders and boating enthusiasts, officially dedicated the new [Shelter Island Boat Launch Facility](#) with a ribbon-cutting ceremony just over a year ago, on Jan. 22, 2019.

This new facility is described by the boating community as “quiet, clean, and more accessible to people with disabilities.” Chairman of the Board of Port Commissioners Garry Bonelli said, “The Shelter Island Boat Launch Facility handles more boaters than any such facility in the entire state of California. It’s one of many projects being added to jumpstart the Port’s ‘renaissance on the bay.’”

The project has been years in the making and included extensive public outreach. In November 2015, the California State Parks’ Division of Boating and Waterways awarded the Port \$6.1 million in grant funding for the project. In March 2016, the State of California Wildlife Conservation Board awarded the Port \$3.5 million for the boat launch facility. The funding allowed the Port to move forward with the project, which completely demolished the former Shelter Island Boat Launch Facility and replaced it with a larger, more modern and safer facility.



*Public walkway at new Shelter Island Boat Launch*

*Photo: Port of San Diego*

The Shelter Island Boat Launch Facility was originally constructed in the 1950s and underwent upgrades in 1976 and 2005. It is believed to be the busiest boat launch in California, with approximately 50,000 launches per year. The project enlarged the maneuvering area in the facility’s basin, added longer boarding floats, a public walking platform with viewing areas and new signage and lighting.

## Agency Spotlight: Meet Your Marine Patrol Officers!



*Contra Costa Marine Patrol Unit in action*

*Photo: Contra Costa County Sheriff*

**Who they are:** Marine police officers are specially trained to enforce boating laws in maritime environments. They may also have unique qualifications such as having a scuba-dive certification, marine firefighter operation skills or experience using rescue watercraft.

**What they do:** Marine patrol officers help to ensure the safety and security of our shared waterways and partner with other local, state and federal agencies, including the military, to boost this goal. They operate patrol boats to survey and protect our rivers, lakes, estuaries, harbors and coastal waters, while also acting as response units in boating emergencies, promoting boating safety education and acting as marine law enforcement. These officers can even act as an underwater explosive recovery team, helping to address and mitigate very dangerous situations. Alongside missions to handle medical aids and search and rescues, the officers are also charged with detecting and preventing environmental hazards from harming the waters we love.

**Where to find them:** Marine patrol units are located in all coast-lined counties of the Bay Area and are typically located in the same office as the county on-land police units, but may have smaller offices near marinas and harbors. Check with your local harbormaster to find the closest marine unit to you.

### **How to contact them:**

Each county has a designated unit reachable by phone:

- Alameda:** (510) 667-7721
- Contra Costa:** (925) 646-2441
- Marin:** (415) 479-2311
- Napa:** (707) 253-4451
- San Francisco:** (415) 409-1020
- San Mateo:** (650) 363-4911
- Santa Clara:** (408) 299-2311
- Solano:** (707) 421-7090

## The Delta is California's First National Heritage Area



*Sacramento Marina*

*Photo: City of Sacramento*

Last year saw the creation of California's first National Heritage Area (NHA), extending from Sacramento in the north, to Stockton in the east, to the Carquinez Strait in the west. The Delta National Heritage Area, managed by the Delta Protection Commission, comes out of a years-long vision for the Delta as a unique, cohesive, nationally important place.

The mission of the new NHA is to protect and enhance the cultural, recreational, and natural resources and agricultural values of the Delta as an evolving, living landscape. The NHA Program is a National Parks program that encourages the collaboration of NHA entities with communities to support historic preservation, natural resource conservation, recreation, and educational projects, and opens the area to federal grant funding. The National Park Service does not assume ownership of land inside heritage areas or impose land-use controls, and NHA designation does not affect property rights.

The Delta's long and rich history stretches back before the massive levee system allowed land to be developed into one of the nation's most productive agricultural regions. The fertile land encouraged the settlement of many different immigrant communities, such as the historic town of Locke, which was designated as a National Historic Landmark in 1990.

The designation of the Delta as an NHA highlights the region as a recreation destination, with its 700 miles of waterways. The region's maze of marshland, waterways, and islands offers opportunities for motorized and non-motorized boating, fishing, birding, camping, and hiking. The wetlands are an important stop-over for migratory birds, and hawks, falcons, snow geese, and Sandhill Cranes can be found at a number of preserves and recreation areas. Fishing opportunities abound, with striped bass, catfish, steelhead, and salmon found in many waterways. Derbies are common in the winter and spring. Charming towns such as Rio Vista, Walnut Grove, and Isleton offer a great starting point for a long weekend. Plenty of campgrounds, RV parks, and marinas offer spots for boaters and other visitors who want to explore the culture, the beauty, and the waterways of this unique national treasure.

For more information, visit the National Park Service website or go to <https://www.nps.gov/subjects/heritageareas/index.htm>.

## Destination Series: COYOTE POINT MARINA

*Author: Tyler VanSon, Coyote Point Marina*

Nestled between the head of Coyote Point and the breakwater and run by San Mateo County Parks, Coyote Point Marina is in San Mateo County.

Coyote Point was originally an island in the San Francisco Bay with only marshlands connecting it to the Bay Area. The area has a long history of different uses. In the late 19th century, the owners of the land, the Howards, built a pier at Coyote Point for lumber loading and a dairy farm.

In 1922 Coyote Point became Pacific City Amusement Park, which included a boardwalk, children's playground, scenic railway, Ferris wheel and merry-go-round. However, the park was closed due to a fire that destroyed about one quarter of the development. After this incident, the land was turned into the Pacific Coast Cadet Corps, which was used for merchant marine training. The program was disbanded in 1946, and the land became the College of San Mateo until 1962.



**Prevent pollution: pump out!**

**Photo: San Mateo County Parks**



**Coyote Point Marina, North Dock View**

**Photo: San Mateo County Parks**

Now the park is open to the public and features picnic areas, the Captains House Conference Facility, a rifle range, Magic Mountain Playground, the marina and many trails for walking and biking.

The park's Coyote Point Marina offers several pollution-prevention services for boaters, including used-oil collection and an oil-absorbent exchange program, as well as a sewage pump for boaters. The fuel dock offers gas and diesel (open seven days a week from 8 a.m. to 4 p.m.). Marina staff are trained partner [Dockwalkers](#) who share clean boating practices and provide the California Boater Kits to their tenants. The marina has [two fishing line recycling stations](#) and is home to 565 boats and two basins. The marina offers berths for sailboats, motorboats and multihull boats in a convenient location. The yacht club also holds numerous recreational and social activities such as weekly sailboat races and a summer youth sailing program.

Coyote Point has lost a great deal of the coastline due to erosion caused by rising tides. The Coyote Parks Department has proposed a natural adaptation strategy to build up the beach and move the parking lot back. This should mitigate damage from future sea level rise and is a potential solution for similar locations.

For more information, visit the [Coyote Park Marina webpage](#).

## Eliminating Single-use at Northern California Yacht Clubs

*Author: Clean Water Action*

Half of the world's oxygen is produced by the ocean, which is currently threatened by the 148 billion pounds of trash that ends up there each year. Much of the trash consists of plastic food and beverage packaging. In 2019, ReThink Disposable (RTD), a program of Clean Water Fund, launched a pilot project with California State Parks and the California Coastal Commission to work with yacht clubs in San Mateo County to reduce single-use foodware from their operations.

Here are stories of three clubs that successfully transitioned from single-use to reusable foodware.

**Encinal Yacht Club:** After participating in RTD, Encinal Yacht Club switched to reusable melamine plates and bowls, stainless steel utensils, reusable plastic tumblers, melamine sauce cups, paper coasters and squeeze bottles instead of single-serving packets, as well as set up a water station with reusable plastic tumblers.

*Encinal Yacht Club reported a reduction in its trash-hauling bill equaling an annual savings of \$2,952.*

**Berkeley Yacht Club:** Berkeley Yacht Club ditched all single-use foodware used during weekly race dinners, around the bar and at the coffee station. The club established a new protocol--to use porcelain plates and bowls, stainless steel utensils and fabric tablecloths, instead of their disposable counterparts. These source-reduction changes required no upfront investment, just a change in behavior and club norms to prioritize the use of reusables. The general manager also directed members to bring their own travel mugs and provided bar rags to reduce paper towel usage.

*Berkeley Yacht Club eliminates the use of 42,774 disposable items per year (weighing 1,123 pounds) and earns an ongoing annual net cost savings of \$2,799.*

**Oakland Yacht Club:** Oakland Yacht Club pioneered a returnable take-out container program for its members. Members frequently order meals to be enjoyed on a boat that is docked nearby or at their home, and boaters are constantly going to and from the clubhouse or home. Hence, there are plenty of opportunities for boaters to bring the reusable take-out container back to the club.



*Before (top) and after (bottom) use of foodware at Berkeley Yacht Club*

*Photo: Clean Water Action*

Note: Sequoia Yacht Club and Half Moon Bay Yacht Club (San Mateo County) also volunteered to participate in this pilot project. However, they were not officially selected to participate because they were already using reusable foodware in their daily operations.



# Check Out Our Boating Clean and Green 2020 Educational Events Calendar!

## Dockwalker Trainings

In order to ensure the health and safety to our staff as well as attendees, the below Dockwalker training classes have been updated to a video conference.

- Saturday, March 28 at the Newport Sea Base
- Saturday, April 4 at the Loch Lomond Yacht Club
- Saturday, April 11 at the Vallejo Yacht Club

Click the link or email [vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov) for more information and to register:

[https://dbw.parks.ca.gov/?page\\_id=29230](https://dbw.parks.ca.gov/?page_id=29230)

The following in-person trainings may occur depending on how the current situation evolves. For more information, please contact Vivian Matuk at [vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov) or (415) 904-6905.

### Saturday, April 25 - San Diego

**Time:** 10 a.m. to 12:45 p.m.

**Location:** Silver Gate Yacht Club (Banquet Room, 1st floor)  
2091 Shelter Island Dr., San Diego, CA 92106

Flyer/Registration Form: Download [flyer/registration form](#)

### Friday, May 8 - Oxnard

**Time:** 1 p.m. to 3:45 p.m.

**Location:** U.S. Coast Guard Recruiting Center Channel Island Harbor; 4202 S. Victoria Oxnard, CA 93035

Flyer/Registration Form: Download [flyer/registration form](#)

### Saturday, May 2 - Sacramento

**Time:** 10 a.m. to 12:45 p.m.

**Location:** Sacramento Marina  
2710 Ramp Way, Sacramento, CA 95818

Flyer/Registration Form: Download [flyer/registration form](#)

### Saturday, May 9 - Marina del Rey

**Time:** 10 a.m. to 12:45 p.m.

**Location:** Santa Monica Windjammers Yacht Club  
13589 Mindanao Way, Marina del Rey, CA 90292

Flyer/Registration Form: Download [flyer/registration form](#)

### Monday, May 11 - Fairfield

**Time:** 11:30 a.m. to 1:45 p.m.

**Location:** Solano County Events Center, Conference Room B  
601 Texas St., Fairfield, CA 94533

Flyer/Registration Form: Download [flyer/registration form](#)

### Saturday, May 16 - San Pedro

**Time:** 10 a.m. to 12:45 p.m.

**Location:** Long Beach Yacht Club  
6201 E. Appian Way, Long Beach, CA 90803

Flyer/Registration Form: Download [flyer/registration form](#)

## Marinas and Yacht Clubs Spill Response Communication Workshops

### **BAY AREA AND DELTA**

*The April 9th Stockton workshop has been updated to a video conference.*  
Email [vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov) for more information and to register.

The following in-person workshops below may occur depending on how the current situation evolves. For more information, please contact Vivian Matuk at [vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov) or (415) 904-6905.

### **SOUTHERN CALIFORNIA**

#### **SAN DIEGO**

**Date and Time:** Friday, April 24, 9:30 a.m. to 12:30 p.m.

**Location:** Southwestern Yacht Club  
2702 Qualtrough St., San Diego, CA 92106

#### **LOS ANGELES**

**Date and Time:** Friday, June 5, 9:30 a.m. to 12:30 p.m.

**Location:** California Yacht Club  
4469 Admiralty Way, Marina del Rey, CA 90292

[See flyer for more information.](#)

## Aquatic Invasive Species Prevention Workshops

For more information, download the [workshop flyer](#).

### Thursday, March 19 - Contra Costa

*Postponed until further notice*

### Thursday, April 2 - Sacramento

*Postponed until further notice*

The following in-person workshop below may occur depending on how the current situation evolves. For more information, please contact Vivian Matuk at [vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov) or (415) 904-6905.

### Thursday, May 14 - Santa Cruz

**Time:** 8:45 a.m. to 2:45 p.m.

**Location:** Santa Cruz Yacht Club  
244 Fourth Ave. #3835, Santa Cruz, CA 95062

**Parking:** Free parking at facility

**Lunch:** Purchase at a nearby restaurant or bring your own lunch.

## California Coastal Cleanup Day

Be part of the state's largest annual volunteer event—California Coastal Cleanup Day!

**Save the date:** Saturday, September 26. Visit the California Coastal Commission's website at [www.CoastalCleanupDay.org](http://www.CoastalCleanupDay.org) for further details.

To register and for more information about any of these trainings and events, please contact Vivian Matuk at [vmatuk@coastal.ca.gov](mailto:vmatuk@coastal.ca.gov) or (415) 904-6905.

## CHANGING TIDE STAFF

### SOUTHERN CALIFORNIA

The Bay Foundation  
[www.santamonicabay.org](http://www.santamonicabay.org)  
Victoria Gambale  
[vgambale@santamonicabay.org](mailto:vgambale@santamonicabay.org)  
(888) 301-2527

### CALIFORNIA DELTA

San Francisco Estuary Partnership  
[www.sfestuary.org](http://www.sfestuary.org)  
Natasha Dunn  
[natasha.dunn@sfestuary.org](mailto:natasha.dunn@sfestuary.org)  
(415) 778-6687

### NORTHERN CALIFORNIA

California State Parks Division  
of Boating and Waterways,  
California Coastal Commission  
[www.BoatingCleanandGreen.com](http://www.BoatingCleanandGreen.com)  
Vivian Matuk  
[vivian.matuk@coastal.ca.gov](mailto:vivian.matuk@coastal.ca.gov)  
(415) 904-6905