



THE CHANGING TIDE

Winter 2011

Celebrating Dockwalkers!

The California Department of Boating and Waterways and the California Coastal Commission's and Boating Clean & Green Program, Santa Monica Bay Restoration Foundation, and Keep the Delta Clean Program would like to express their deep gratitude to all Dockwalker* volunteers. More than 5,250 packets were distributed throughout California. Thank you to all the Dockwalkers and all the organizations that support the program. Working together made this year another success!

Since the year 2000, more than 600 volunteers have become Dockwalkers and more than 90,000 boater kits have been distributed throughout California.

California Motorized Boater Survey Report Out Now!

In an effort to better understand motorized boating in California, between October 2007 and October 2009, the California Department of Boating and Waterways and California Coastal Commission's Boating Clean and Green Program, Santa Monica Bay Restoration Foundation, and Keep the Delta Clean Program (partners) conducted a survey of motorized boaters about their attitudes, opinions, and knowledge of boating related issues. The partners are pleased to announce the release of the final report. Thanks to all the boaters who filled out a survey. A total of 5,735 surveys were completed!

Findings from this survey (*see back cover*) support the continued need of promoting environmentally sound boating practices among the boating community and demonstrate the importance of educational programs like ours.

Considering the survey results, partners plan to focus future education and outreach efforts on preventative engine maintenance, use of pollution prevention tools and recognition of the used oil collection center and sewage pumpout logos, and sewage discharge regulations.

This report would not have been possible without the generous support and assistance of volunteer Dockwalkers and many organizations throughout the State. Funding for this report was provided by the State Water Resources Control Board, the California Department of Boating and Waterways, and a grant from the Clean Vessel Act Program.

This is a great resource for the marine industry as well as boating programs. For a copy of the report, please go to: www.coastal.ca.gov/cbn/materialsforeducators.html.

The following Dockwalkers administered and returned the highest number of surveys and will join the ranks in our Dockwalker Hall of Fame.

Steven Ethington, Los Angeles
Charlie Duncan, Shasta
Sabrina Larsen, Napa
Jesse Hewson, Napa
Dave Gorton, San Joaquin
Cynthia Madrid, San Joaquin
Mel Widawski, Los Angeles
Lauren Guilligan, Santa Cruz
James Goff, Sacramento
James Fitzgerald, Sonoma

Tommy Holtzman, Sacramento
Jah Mackey, Contra Costa
Jennie Fisher, Ventura
Jane Stewart, San Diego
Gaylord Van Dyne, Santa Clara
Robert Sebring, Alamo
Larry Mayne, Santa Clara
Sonia Foster, Contra Costa
Suzanne Weber, Orange
Priscilla Minkel, Solano

Awards included West Marine jackets, See's Candies and California Pizza Kitchen gift certificates, Aquarium of The Pacific and Aquarium of The Bay tickets, Trader Joe's gift baskets, Brita Water Filtration pitcher, and Starbucks coffee. All awards were graciously donated to the Santa Monica Bay Restoration Foundation.

***Dockwalkers are trained volunteers who conduct face-to-face boater education and distribute boater kits with educational materials while visiting marinas, boat launch ramps, boat shows and events. Hours spent training or educating the public qualify as community service. Marinas also benefit from the Dockwalker Program. Involvement in this program provides marinas with the educational materials and tools to operate a clean boating facility and minimize water quality impacts.**

To learn more about the Dockwalker Program, upcoming trainings or to schedule a training class, visit www.dbw.ca.gov or coast4u.org (click on "Boating Clean & Green"). You may also contact the program coordinator, Vivian Matuk, at (415) 904-6905 / vmatuk@coastal.ca.gov.

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Southern California Chapter



bay restoration foundation
STEWARDS OF SANTA MONICA BAY



Destination Series:

Oceanside Harbor

Oceanside Harbor, home to over 900 boats, is located in North San Diego County, halfway between Dana Point and San Diego. The harbor is a full-service facility, offering boat repair services, fuel, supplies, boat sales, and restaurants in a friendly, small-town atmosphere.

*Contributing writer: Frank Quan,
Oceanside Harbor and Beaches Coordinator*

As part of Oceanside's continuous renovations, the harbor recently unveiled a new beach restroom and are in the process of finishing guest dock renovations.

In 2004, Oceanside was the first public marina to be designated a Clean Marina. Among the environmental amenities are the filtration system at the launch ramp boat wash, two vessel sewage pump-outs (one near the launch ramp, one at the guest dock), a used oil recycling station, monofilament fishing line recycling containers at the fishing pier, and ten cigarette butt collection units placed in the harbor: 2 on the pier; 1 at Bucaneer Beach; 4 along the strand.

Each month, Oceanside Harbor staff create statements that track the total number of butts collected for the month, the daily average, and a running total for the program. Since February 2008, Oceanside Harbor has collected over 351,000 cigarette butts. The average number of butts collected each day is 517 butts. It takes about 15 days to 1 month to fill one receptacle and each unit holds about 1,000 cigarette butts. These butts are collected by Innovagreen Systems and are recycled into usable plastic products, thus keeping them out of landfills.



Photo by: Steve Rodriguez

Example of a cigarette butt receptacle installed throughout the harbor and beach area. Oceanside's cigarette butt recycling program is a very popular one with harbor visitors.



Photo by: Steve Rodriguez

Green Clean Environmental hydro scrubbing the docks with a machine that collects and recycles wastewater through a quad filter system. Very little water is spilled into the harbor and the docks are scrubbed clean. This is the most effective and environmentally friendly method used by the harbor to remove bird droppings from docks.



Photo by: Steve Rodriguez

Trash Patrol picking up debris around the harbor.

For more information, please contact (760) 435-4000 or harborstaff@ci.oceanside.ca.us.

Southern California Chapter



bay restoration foundation
STEWARDS OF SANTA MONICA BAY



Marina del Rey, Coastal Cleanup Day



Volunteers celebrate after a day of cleaning up the marina
Photo taken by: Sarah Woodard

For the seventh consecutive year, the Santa Monica Bay Restoration Foundation (SMBRF) hosted the Marina del Rey, in-water kayak cleanup. Equipped with reusable nets, gloves, and buckets, a record 167 volunteers scuba dove, kayaked, and walked the marina, ridding it of 425 pounds of ocean bound trash. Among the kayak volunteers were Assemblywoman Julia Brownley, and City of Santa Monica Mayor Richard Bloom, whom we are forever grateful for showing their support for this amazing cause.

Thanks to kayak donations from UCLA Marina Aquatic Center, Cobra Kayaks, Boat Rentals of America, Los Angeles County Department of Beaches & Harbors, Boys & Girls Club of Venice, Sport Chalet, Marina Harbor Anchorage, and several individual donors; SMBRF was able to accommodate more volunteers than ever before.

Partnering with SMBRF on Coastal Cleanup Day for the first time, Santa Monica Windjammers Yacht Club, S & K Dive Service, Inc., and Hornblower Cruises & Events helped host both scuba and land sites allowing for above and below water surface debris removal.

Local community partners care deeply about the health of Marina del Rey and provided volunteers with breakfast, lunch, snacks, gift bags, t-shirts, and a sustainable raffle giveaway. Thanks to Chipotle, Adventure 16, Islands, The Cheesecake Factory, The Counter, Library Alehouse, Hornblower Cruises & Events, Kleen Kanteen, Tai India Palace, Catalina Island Conservancy, Peet's Coffee & Tea, Panera Bread, Hot Dog on a Stick, Trader Joes, Ralphs, and Naui.

To view pictures from the event, please visit:

www.flickr.com/photos/15398274@N00/

Coastal Cleanup Day started in 1985 as a way to combat the increasing amount of trash along California's shorelines. Since then, the program has expanded and grown into an international effort that is now the largest single-day volunteer event in the world.

Coastal Cleanup Day throughout Los Angeles County was an enormous success thanks to the efforts of Heal the Bay. More than 11,000 volunteers covered 101 miles at cleanup sites throughout the county, picked up 44,000 pounds of trash and recyclables, and prevented more than 22 tons of trash from ending up in the ocean.

While removing trash from beaches, waterways, and inland communities, Coastal Cleanup Day educates the public about the global marine debris problem. People who live inland may feel disconnected from the ocean and not realize that a shocking 80% of marine debris comes from inland communities. Together we can empower ourselves to become part of the solution!



Steven Ethington educates boaters
at "Adopt a Fuel Dock" event
Photo taken by: Victoria Ippolito

A Special Thank You

Dockwalkers are volunteers who educate and inspire boaters to prevent pollution. Steven Ethington was trained as a Dockwalker in April of 2011. Since then he has volunteered at seven boating events and educated over 180 boaters about pollution prevention. It is with the help of Dockwalkers like Steven that we are able to spread the word about clean boating habits. Steven has recently accepted a job overseas and we would like to say thank you and good luck in your future endeavors.

California Delta Chapter



Willow Berm Marina

Destination Series:

Willow Berm Marina

Willow Berm Marina was built in 1962 and purchased by the current owners in 2001. Personnel are friendly, efficient, helpful, and always working to make their guests feel comfortable at their “second home”.

*Contributing writer and photos by
Vickie Baumann, Harbormaster,
Willow Berm Marina*

The marina boasts more than 340 covered and open slips ranging from 18 feet to 80 feet. Amenities include a fuel dock with regular, plus and diesel fuels, and two pump-out stations that are free to visitors, as well as valet pump-outs at each slip. The marina also features a 600-foot guest dock with lighted power stations, picnic benches, swings along the dock, as well as a covered BBQ area that make it ideal for yacht club cruise-ins.

Additionally, Willow Berm has a clubhouse with kitchen facilities, living room with a big screen TV, lending library, and fitness and business centers. Tenants and guests enjoy complimentary continental brunch on weekends. The property also includes onsite yacht brokers, satellite TV, free Wi-Fi, closed-in parking, five remodeled restroom facilities, laundry, ice and 24-hour security. Recent additions include a fleet of bicycles for the Borrow-a-Bike Program, an outdoor shuffleboard and a new bocce ball court.

Willow Berm’s location on the Mokelumne River, in the heart of the California Delta, offers boaters easy access to the “fast waters” of the San Joaquin River. Conveniently located between Sacramento and Stockton off I-5, Willow Berm is just two miles off Hwy 12 on the “Delta Loop”, where visitors can walk or boat to many restaurants, stores and other facilities.

The marina’s distinctive ambiance is created by its resort-like setting, featuring an abundance of lavish gardens with flowers and shade trees and punctuated by a beautiful water feature. A favorite of all tenants and guests, “The Sandbar” is a unique facility fashioned after a Hawaiian “Tiki Hut” including a BBQ, flat screen TV, stereo, seating for 20 and its own little beach. You will feel like you are in the islands!

Service is what Willow Berm is all about. With their keen interest in security and boating safety, the staff continues to educate their tenants and guests using the help of the California Department of Boating and Waterways, California Coastal Commission and Keep the Delta Clean Dockwalkers Program. The marina is also in the process of becoming a “Clean Marina.”



Willow Berm Marina



Willow Berm Marina Guest Dock

California Delta Chapter



Honey Pot Day Does the Doo Dah



Delta Honey Pot Day

Photo by: Karen McDowell, San Francisco Estuary Partnership

The first Honey Pot Day in the California Delta successfully took place August 3, 2011. This event was conducted by the San Francisco Estuary Partnership (SFEP) with federal Clean Vessel Act Funds supplied by the California Department of Boating and Waterways (DBW). SFEP partnered with BayGreen Marine Sanitation providing free pumpouts to 27 boats during the Delta Doo Dah event, totaling over 300 gallons. More than 100 boaters learned about proper sewage disposal, and 27 recreational boats were provided free pumpout service, totaling more than 300 gallons. Outreach was conducted in partnership with the California Coastal Commission and the California Department of Boating and Waterways' Boating Clean and Green Program to over a hundred boaters, most of which were associated with the Delta Doo Dah.

As James Muller, Environmental Planner with the SFEP, reports, "We arrived at Willow Berm Marina early in the morning to find our BayGreen ready to begin pumping out boats. An early cruise in from Benicia Yacht Club was leaving that morning, providing staff with a great opportunity to hit the ground running. After the fleet left Willow Berm, we proceeded to travel up the island, visiting a number of marinas and meeting with marina staff and tenants.

Contributing writer: James Muller, San Francisco Estuary Partnership

During a short siesta after our visits that included a quick lunch, I received a phone call from the Delta Doo Dah folks in Potato Slough. They were ready and waiting for us, many boats urgently needed pumpouts. The trip to the anchorage spots in the slough in the afternoon met a fleet of eager Doo Dah'ers who were a bit nervous about their very full holding tanks. Boaters, glad to be rid of their unwanted cargo, met us with smiles and sent us on our way with naught but appreciative comments."

Honey Pot Day is a program that was initiated in Southern California by the Santa Monica Bay Restoration Foundation. The goal of the program is to increase boater awareness to sewage related issues and to promote mobile pumpout use as a viable alternative to dock side stations. The program is funded by a federal clean vessel act grant supplied by DBW.

The next Honey Pot Day took place on October 23, 2011 at select marinas in the San Francisco East Bay from Grand Marina (Alameda) to Marina Bay (Richmond). To participate, or to request more information, contact James Muller at 510-622-2406 or jamuller@waterboards.ca.gov. Remember, if it's your boat, it's your responsibility. So "Dump at the Pump".

Hazardous Materials Collection

The Keep the Delta Clean Program is dedicated to the idea of providing clean and safe boating resources to marinas and boaters.

All collected materials are recycled when possible. Thanks to our marina partners and boaters for helping us keep the Delta clean!

So far we have collected:

Oil filters: 8,250 lbs
Oil absorbents: 9,560 lbs
Marine batteries: 2,000
Used oil: 16,287 gal

Contributing writer: Dan Jordan, Contra Costa County Public Works Dept and Keep the delta Clean Program



Northern California Chapter



Destination Series:

Santa Cruz

The magnitude 9.0 earthquake that occurred on March 11, 2011, in northeastern Japan, generated a tsunami which swept across the Pacific Ocean. The 9.0 magnitude places the quake as the fourth largest in the world since 1900. The resultant tsunami caused significant damage to marine infrastructure at Santa Cruz Harbor to declare it a local, state and federal disaster.

*Contributing writer: Marian Olin
Administrative Services Manager
Santa Cruz Port District*

Reconstructing Santa Cruz Harbor



Santa Cruz Harbor invites you to visit as it continues the rebuilding effort.

U-dock in Santa Cruz North harbor on the day of the ribbon-cutting ceremony,
August 26, 2011

Photo by: Santa Cruz Harbor

In the immediate aftermath of the tsunami, Santa Cruz Harbor crews, along with the Coast Guard, California Department of Fish and Game, and other agencies, worked around the clock to clean up debris, remove pollution threats and secure the area.

The harbor is divided by a bridge separating the south and north harbor areas. Initially, it appeared that the north harbor sustained the heaviest damage—one dock was completely destroyed, others were rendered unserviceable, and all docks had hazardous conditions including missing structural components and flotation. Numerous vessels sank. Electrical and water service were disrupted dockside. In the ensuing weeks, it became evident that the south harbor docks had also sustained significant, although less obvious, damage.

In all, 23 docks will be reconstructed, and six required extensive repair. The current damage estimate is at \$22 million. The loss of revenue is estimated at \$1,000 per day due to missing facilities.

With help from Federal Emergency Management Agency and California Emergency Management Agency, the California Department of Boating and Waterways (DBW), and numerous regulatory agencies, the harbor is in the process of recovery. U-dock was designed, bid and reconstructed just five months after being completely destroyed. Reconstruction of the v-dock is currently underway and a plan to rebuild and repair all docks has been adopted by the Santa Cruz Port Commission.

The dock repair and reconstruction effort is employing environmentally sensitive and sustainable methods and products. Replacement docks are being pre-fabricated off-site using a recycled plastic lumber product, and will be assembled in place. Piles were driven using a water-jetting technique and silt barriers, lessening turbidity, and creating far less noise than typical “hammer-driven” techniques.

Though full recovery is a couple of years away, and visitor berthing opportunities are limited for the time being, the harbor continues to provide service and has returned to a sense of normalcy. The launch ramp is open and there is a wide array of free environmental services available to boaters, including: bilge and sewage pump-outs, oil absorbent distribution and collection facilitated by Save Our Shores, and monofilament fishing line disposal stations provided by DBW and the California Coastal Commission’s Boating Clean & Green Program. Salmon, which were introduced into the Monterey Bay by the Monterey Bay Salmon and Trout Project, have been returning to the harbor in significant numbers, a good sign for future fishing. Restaurants, retail operations and the harbor’s RV park are open for business.



U-dock in Santa Cruz North harbor on March 11, 2011

Photo by: Santa Cruz Harbor

Northern California Chapter



Coastal Cleanup Day and the Boating Community



Coastal Cleanup Day at Port Royal Yacht Club
Photo: Port Royal Yacht Club



Coastal Cleanup Day at Sequoia Yacht Club
Photo: Winston Bumpus (Sequoia Yacht Club)

On Saturday, September 17, the California Coastal Commission conducted its 27th Annual Coastal Cleanup Day. With 80 percent of Coastal Cleanup Day cleanup sites reporting, the statewide count stands at 66,759 volunteers. These volunteers collected 636,987 pounds of trash and an additional 107,480 pounds of recyclable materials, for a total of 744,395 pounds.

Coastal Cleanup Day (CCD) is the premier volunteer event in the country, focused on the marine environment. The event has been so successful that it has been hailed by the Guinness Book of World Records as “the largest garbage collection” (1993). When combined with the Ocean Conservancy’s International Coastal Cleanup, (takes place the same day), California’s CCD becomes part of one of the largest volunteer events of the year. Since the program started in 1985, more than 800,000 Californians have removed more than 15 million pounds of debris from our state’s coast.

This year, California’s boating community contributed more to the cleanup efforts. The California Coastal Commission and the California Department of Boating and Waterways’ Boating Clean and Green Program coordinated the participation of two yacht clubs in order to collect information on

how a program can be established in the future to involve more of the boating community during Coastal Cleanup Day. Port Royal (Los Angeles County) and Sequoia Yacht Club (San Mateo County) are the two yacht clubs that took part in this effort. With their help, along with Heal the Bay and the San Mateo County Water Pollution Prevention Program 63 enthusiastic volunteers collected 1,267 pounds of trash and recyclables from the shoreline, and on the water with dinghies and kayaks.

Next year, the California Coastal Commission and the Boating Clean and Green Program are planning on expanding this effort to other yacht clubs and marinas in California. Let us know if your yacht club or marina wants to be part of this successful program by contacting Vivian Matuk at (415) 904-6905 / vmatuk@coastal.ca.gov.

Got Fishing Line Recycling Stations?

Monofilament fishing line can have serious effects on wildlife, waterways, and boats. Wildlife can ingest or be entangled by the line and killed by gangrenous infection. Fishing line discarded in waterways is a serious litter problem and can foul boat propellers, especially around boat ramps and fishing areas. It is also NOT biodegradable and can remain in the environment for more than 600 years.

Unless it is cut into small pieces, fishing line disposed in regular trash bins goes to landfills where it continues to be a hazard to wildlife. One solution to the problem is to have recycling containers available to boaters and fishermen properly discard their used line.

In 2008, the California Department of Boating and Waterways and California Coastal Commission’s Boating Clean and Green Program, Keep the Delta Clean Program, and BoatU.S Foundation placed 42 containers at many locations throughout state. Due to the success of this program, 39 new stations were



Full fishing line container at Lauritzen Yacht Harbor in the Delta
Photo: Vivian Matuk

installed in 2011. Boating Clean and Green Program staff developed a map showing the location of all the 81 stations throughout the state. You can check a list of the participating locations by visiting the new map at <http://g.co/maps/brqvk>

California Motorized Boater Survey Report

Here are some interesting things we discovered about the surveyed motorized California boating population:

- Almost half of all boaters surveyed logged 50 or fewer engine hours annually, while about 10 – 11 percent logged more than 150 engine hours annually.
- Across all boaters surveyed, 96 – 97 percent said oil leaks into the bottom of their bilge or engine compartment most of the time or every time they use their boat, while only 2 percent said it rarely or never leaks oil.
- About 98 percent of surveyed boaters who reported oil leaks said they cleaned the oil, and of those who reported how they clean leaked oil, about 50 percent used oil absorbents, while 10 – 12 percent used soap or detergent.
- Across all boaters surveyed with on-board toilets, a little over one-third used sewage pumpouts more than 10 times a year or every time they go out.
- The most common obstacle to pumpout usage encountered by all boaters was waiting in line more than 10 minutes, followed closely by broken pumpouts.
- Concerns common to most of the boaters surveyed, particularly older boaters, included intoxicated boaters, inexperienced boaters, trash and debris, and drinking water quality.
- Twenty-three percent correctly identified the used oil collection center logo, 31 percent correctly identified the national sewage pumpout logo, and about 70 percent of surveyed boaters do not know the penalty in California for illegally discharging untreated sewage is a \$2,200 fine.

Thank You Peter

Peter Douglas spent 41 years working as a dedicated public servant for the State of California and 26 of those years as the California Coastal Commission's Executive Director. Peter will retire from his position in November 2011, for health reasons.



Peter's leadership and vision secured the protection of the coastline of our state for all to appreciate and enjoy. His legacy provides a framework to remind us all that the "coast is never saved; it's always being saved."

Thank you Peter for your support. We are going to miss you.

santa monica bay restoration foundation
320 west 4th street, suite 200
los angeles, ca 90013



Changing Tide Staff:

Southern California Chapter

Santa Monica Bay Restoration Foundation

www.santamonica-bay.org

Grace Lee ☯ glee@santamonica-bay.org ☯ (213) 576-6757

Delta Chapter

Contra Costa County

www.keepthedeltaclean.org

Dan Jordan ☯ djordan@pw.cccounty.us ☯ (925) 313-2023

Northern California Chapter

California Department of Boating and Waterways, California Coastal Commission

www.dbw.ca.gov, www.coastal.ca.gov

Vivian Matuk ☯ vmatuk@coastal.ca.gov ☯ (415) 904-6905



The Changing Tide newsletter is a great resource for you to get California's latest clean boating information. Help to reduce our carbon footprint and the amount of trash added to the waste stream by going paperless. To go paperless, contact Victoria Ippolito at vipolito@waterboards.ca.gov or 213-620-2271

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