



Keep the Delta Clean Program

Implemented by: Contra Costa, Sacramento, San Joaquin, Solano, and Yolo Counties; City of Stockton; Department of Boating and Waterways; California Coastal Commission

Program Goal

Partner with the boating community to prevent and reduce potential NPS pollution that may be associated with recreational boating and marina operations.

Potential NPS Pollutants Targeted:

Pathogens: overboard sewage disposal, lack of restroom facilities, & pet waste

Petroleum hydrocarbons: contaminated bilge water, illegally disposed motor fluids, & improper fueling at docks

Other potentially harmful wastes: engine & hull maintenance products & solvents, marine batteries, litter, & fishing line



The Delta: A Valuable Resource

- **Critical Habitat**: fish, wildlife, native & migratory birds
- **Irrigation Water**: 7 million acres of agricultural land
- **Drinking Water**: Over 22 million Californians
- **Recreation**: boating, fishing, bird watching, hunting, swimming, kayaking, windsurfing



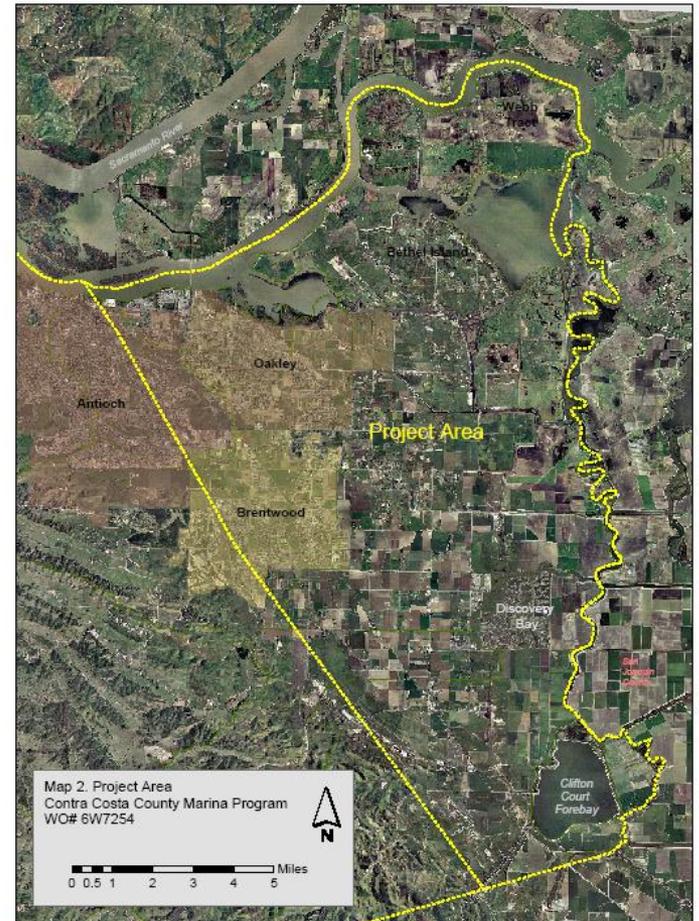
Recreational Boating

- Approximately 150 marinas in Delta
- Approximately 175,000 registered boats in 6 Delta Counties. (Alameda, Contra Costa, Sacramento, San Joaquin, Solano and Yolo)
 - Dept. of Motor Vehicles
- 8,600 boats in the water on a typical peak day.
 - Dept. of Boating and Waterways

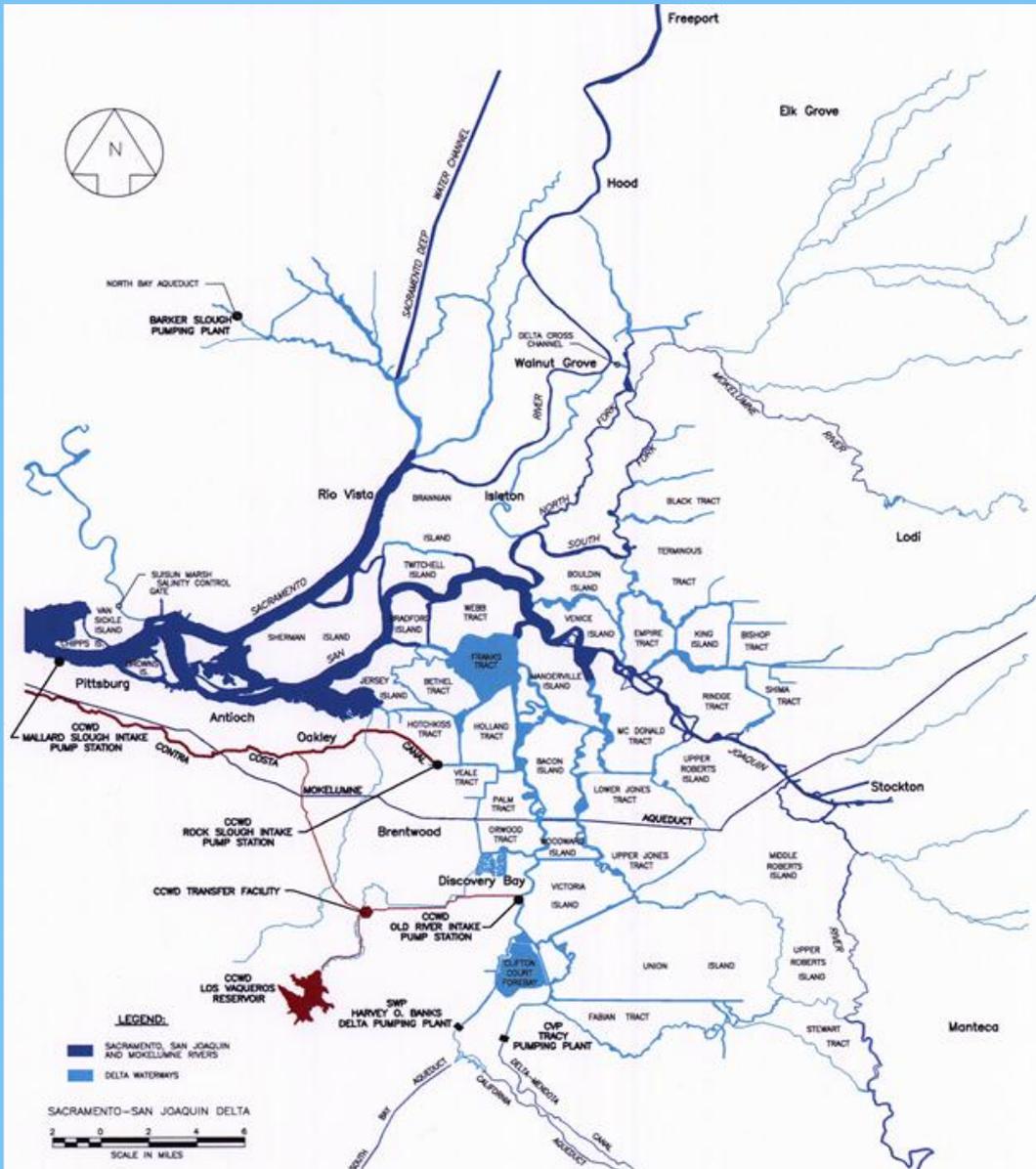


Phase I

- Limited to Contra Costa County
- Partnered with six marinas
 - Bethel Harbor
 - Discovery Bay Yacht Harbor
 - Holland Riverside Marina
 - Lauritzen Yacht Harbor
 - Lazy M Marina
 - Sugar Barge Marina



Phase II



- Partnership among Contra Costa, Sacramento, San Joaquin, and Yolo Counties; City of Stockton; California Department of Boating and Waterways and California Coastal Commission
- Delta-wide effort because water doesn't recognize our jurisdictions!

Program Objective

1. Identify and install convenient and publicly accessible marina-based environmental services.

Partnerships:

- Marina Partners
- California Integrated Waste Management Board
- California Coastal Commission
- County and City Partners
- Contra Costa County Hazardous Materials Division
- Counties' Maintenance Divisions
- Department of Boating & Waterways
- Department of Toxics Substances Control
- Northern California Marina Association



5 Marina Used Oil Recycling Centers



- Discovery Bay Yacht Harbor
- King Island Resort
- Lauritzen's Yacht Harbor
- Sugar Barge Marina
- Tower Park Marina



OIL ABSORBENT EXCHANGE CENTER



THIS CENTER ONLY ACCEPTS:

- Used Oil
- Oil Filters
- Used Oil Absorbents
- Marine & Auto Batteries



Recycle all other hazardous materials at a Household Hazardous Waste Collection Center.
For locations call 1-800-CLEANUP, www.earth911.org

Nearest Contra Costa County Collection Center: 2500 Pittsburg-Antioch Hwy. (925) 756-1900

If Shed is Locked, See Marina Attendant



Funded by a grant from the State Water Resources Control Board and the California Bay-Delta Authority



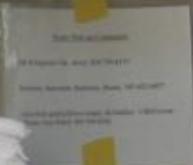


PREVENT OIL POLLUTION



FREE ABSORBENT PILLOWS

FREE ABSORBENT SHEETS



15 Oil Absorbent Exchange Programs



OIL ABSORBENT EXCHANGE PROGRAM

Boaters, Pick Up Your Free Oil Absorbents

LET'S KEEP THE DELTA CLEAN
by using an Oil Absorbent
in the bilge to capture leaks and
drips from your boat engine.



1. Take Only What You Need
2. Drop Used Oil Absorbents into the **Red "Absorbent Only" Recycling Can** or Ask the Marina Attendant
3. See Absorbent Pillow Cover for Other Marinas Participating in the Oil Absorbent Exchange Program

Call 1-800-CLEANUP (www.earth911.org) for Other Oil Absorbent Distribution and Disposal Locations



Funded by a grant from the State Water Resources Control Board and the California Bay-Delta Authority



USED OIL ABSORBENTS ONLY

NO TRASH!



OIL ABSORBENT SHEET



OIL ABSORBENT PILLOW



Provided by a grant from the State Water Resources Control Board and the California Bay-Delta Authority



60 Pet Waste Disposal Stations



**PLEASE PICK UP
AFTER YOUR PET**

Pet waste can degrade water quality when washed into the Delta during rain events.

**Take a
Pet Waste Bag**

**Tie Bag and
Place in Trash**

Please Keep Your Pets on a Leash.



Funded by a grant from the State Water Resources Control Board and the California Bay-Delta Authority



13 Fishing Line Recycling Stations



Keep the
**DELTA
CLEAN**



**RECYCLE
FISHING LINE
HERE**

Monofilament fishing line entangles and kills wildlife.
It can last over 600 years in the environment.

Learn More About Clean Boating at: www.coast4u.org • www.earth911.org

Provided by a grant from the State Water Resources Control Board and the CALFED Bay-Delta Program

65 Recycling Bins

&

40 Cigarette Butt Bins



Educational Signage & 16 Kiosks



Be a Part of the Solution, Choose Less Toxic Cleaning and Maintenance Products

- Use more elbow grease and less product. Buy only what you need.
- Choose phosphate and chlorine-free products that are non-toxic and environmentally safe.
- Choose less toxic anti-fouling bottom paints & coatings.
- Avoid boat maintenance on the docks or over the water.

Learn More About Clean Boating at:
www.coast4u.org • www.earth911.org

HELP KEEP THE DELTA CLEAN!

Use Pumpouts and Dump Stations

It is harmful to human health and water quality, and is illegal, to discharge raw or untreated sewage into California waters.

- Use pumpouts or dump stations to dispose of your boat's sewage.
- Use holding tanks and pumpouts to store sewage until you can reach a pumpout or dump station.
- Use a pumpout or dump station to dispose of your boat's sewage.
- Use a pumpout or dump station to dispose of your boat's sewage.

Learn More about Clean Boating at www.KeepTheDeltaClean.com

HELP KEEP THE DELTA CLEAN!

Use Care When Fueling Your Boat

- Use only the recommended fuel for your engine.
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- Use only the recommended fuel for your engine.

Learn More about Clean Boating at www.KeepTheDeltaClean.com

HELP KEEP THE DELTA CLEAN!

Bring Your Fishing Line Back to Shore

Fishing line is not biodegradable and can last over 600 years in the environment - often entangling and killing wildlife.

- Use your old fishing line a new life. Fishing line recycling is available at many fishing stores and community centers.
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HELP KEEP THE DELTA CLEAN!

Practice Preventative Engine Maintenance and Use Oil Absorbents

- Keep your boat engine well-tuned and operating efficiently.
- Eliminate oil spills and drips by using funnels, portable oil change pumps, and absorbents.
- Use oil absorbents in the Delta to capture unattended leaks. Call 800-CLEANUP-911 (24/7) for more information on how to use oil absorbents.
- Use oil absorbents, NOT rags, to catch spilled oil. Rags tend to collect oil, float, and be harmful to the environment.
- Recycle used motor oil and filters at a certified collection center or repair facility. Call 800-CLEANUP-911 (24/7) for more information on how to use oil absorbents.

Learn More about Clean Boating at www.KeepTheDeltaClean.com

HELP KEEP THE DELTA CLEAN!

Choose Less Toxic Cleaning And Maintenance Products

- Read the label and choose phosphate- and chlorine-free cleaning products that are non-toxic and environmentally safe.
- Use these products to keep your boat clean, but avoid using them on the ground or in the water.
- Use more elbow grease and less cleaning products. Avoid and clean with freshwater after each use.
- Use less toxic anti-fouling bottom paints and coatings.
- Properly dispose of unused boat maintenance products. Follow local, county, regional, and state rules for hazardous waste disposal. Call 800-CLEANUP-911 (24/7) for more information on how to use oil absorbents.

Learn More about Clean Boating at www.KeepTheDeltaClean.com

HELP KEEP THE DELTA CLEAN!

Make a Difference Become a Delta DOCKWALKER

Who Are DOCKWALKERS and How Do They Help?

- Dockwalkers are volunteers who walk to boats, about one mile from shore, to clean up trash.
- Dockwalkers distribute free boater kits and other educational materials to boaters, including boater kits, trash bags, and more.
- Who Are DOCKWALKERS?
- Register for a FREE kit and training class by calling 800-CLEANUP-911 (24/7) or visiting www.KeepTheDeltaClean.com.
- Learn More about Clean Boating at www.KeepTheDeltaClean.com

HELP KEEP THE DELTA CLEAN!

Bring All Your Trash Back to Shore

- Pack your trash on board and take care and bottles for recycling on shore.
- Pack your food in reusable containers. Leave your product packaging at home.
- Place unopened cigarette butts in the trash. Cigarette butts are the most common type of litter found washed up on beaches and are the most harmful.
- Participate in a group cleanup or beach cleanup. Call 800-CLEANUP-911 (24/7) or visit www.coast4u.org for upcoming events in your area.

Learn More about Clean Boating at www.KeepTheDeltaClean.com

Pollution Prevention Infrastructure Tracking

12,637 - Gallons of used oil reclaimed (not including oil filters and oil absorbents)

7,450 – Pounds of Used oil filters collected.

5,225 – Pounds of used oil absorbents collected

1,527 - Pounds of oil absorbent polypropylene fiber recycled

360 - Gallons of used oil reclaimed from used oil absorbents

400 - Additional gallons of used oil reclaimed from used oil filters

1,852 - Marine engine batteries collected

Program Objective

2. Educate recreational boaters about clean and safe boating while promoting new environmental services.

Partnerships:

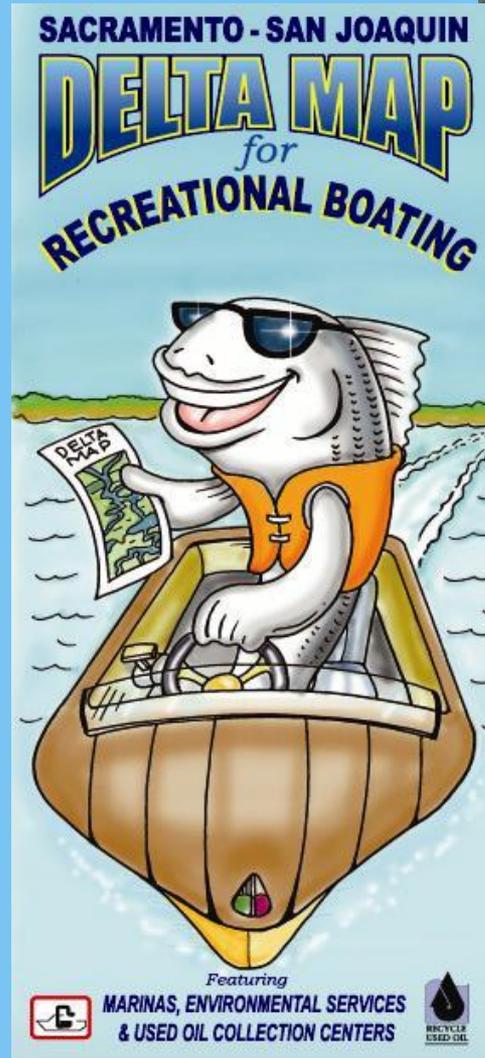
- Delta Marinas
- Delta Counties
- California Coastal Commission
- Coast Guard Auxiliary
- Department of Boating & Waterways
- Department of Fish and Game
- Delta Protection Commission
- Volunteer Dockwalkers
- Northern California Marina Association
- Regional Water Quality Control Board
- West Marine



Boater Kits

- Educational literature & boating resources: Clean Boating Habits, ABC's of CA Boating Law, tide book
- Oil Absorbent Pillow
- Delta Map for Recreational Boating: Promoting marinas, environmental services, oil collection centers

Over 20,000 kits distributed



Educating One Boater at a Time



Boater Survey/Pledge

2011 Keep Our Waters Clean Questionnaire and Pledge

Thank you for taking your time to answer the questions below. Your input will help us work toward improving environmental education in California.

Date: _____ Location where you received the boater kit and questionnaire/pledge: _____

- From whom did you receive the boater kit?
 - Marina/Yacht club operator
 - Dockwalker/Volunteer/Staff
 - Other (specify): _____
- How long have you been boating? _____ year(s)
- What is your 5-digit home zip code? _ _ _ _ _
- What type of boat(s) do you currently own?

<input type="checkbox"/> Ski boat/Run-about	<input type="checkbox"/> Off-shore racer (cigarette boat)
<input type="checkbox"/> Cuddy cabin/Cruiser	<input type="checkbox"/> Sailboat <u>with</u> auxiliary motor
<input type="checkbox"/> Fishing boat	<input type="checkbox"/> Sailboat <u>without</u> auxiliary motor
<input type="checkbox"/> Motor yacht	<input type="checkbox"/> Personal watercraft (jet-ski)
<input type="checkbox"/> House boat	<input type="checkbox"/> Other (specify): _____
- What type of toilet is on your boat?
 - Installed toilet (Go to question 6)
 - Port-a-potty (Skip to question 7)
 - No toilet on board (Skip to question 7)
- When using a sewage pump-out, how often...

a. Not applicable, I use a mobile pump-out service.
- Did you know this logo represents a location where you can drop off used motor oil?
 - YES NO, but now I do!
- Did you know this logo represents a location where you can safely pump-out your boat sewage?
 - YES NO, but now I do!
- Which of the following may happen to those who discharge untreated boat sewage overboard in California?
 - Nothing - It is discouraged but not against the law
 - Fine up to \$1100 Up to 6 months in jail
 - Fine up to \$2200 Don't know
- Which of the following may happen to those who discharge fuel, oil, oily wastes and hazardous substances into or upon navigable waters of US?
 - Nothing-It is discouraged but not against the law
 - One to 15 years imprisonment
 - Fine of up to \$10,000 plus the cost of the cleanup
 - Violators are liable for the cost of the clean up and are also subject to substantial civil and/or criminal penalties
- It is illegal to use soaps or other dispersing agents to dissipate and/or mask oil on the water or in the bilge?
 - TRUE FALSE
- It is illegal to dump any garbage into the navigable waters of the State, including inland waters and up to three miles from shore?
 - TRUE FALSE



Gathering information about boaters' habits, opinions, and concerns while boating on the Delta.

Contra Costa County Public Works
 Attn: Dan Jordan
 255 Glacier Dr.
 Martinez, CA 94553-4825

PLACE TAPE HERE

PLACE POSTAGE HERE

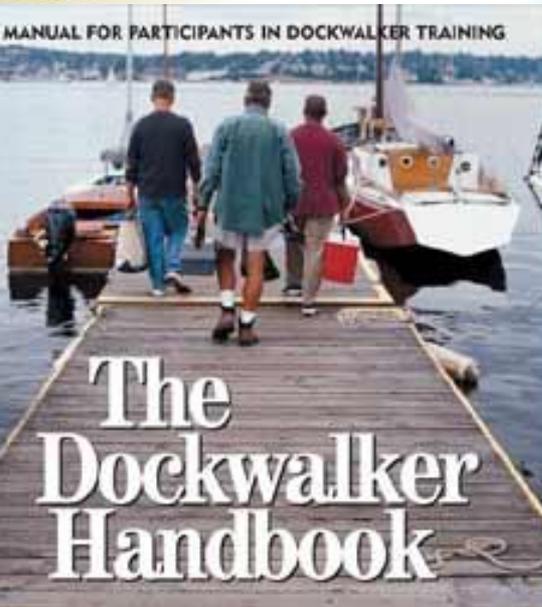
Be ready to take the pledge for boating good, clean and fun!

Reverse



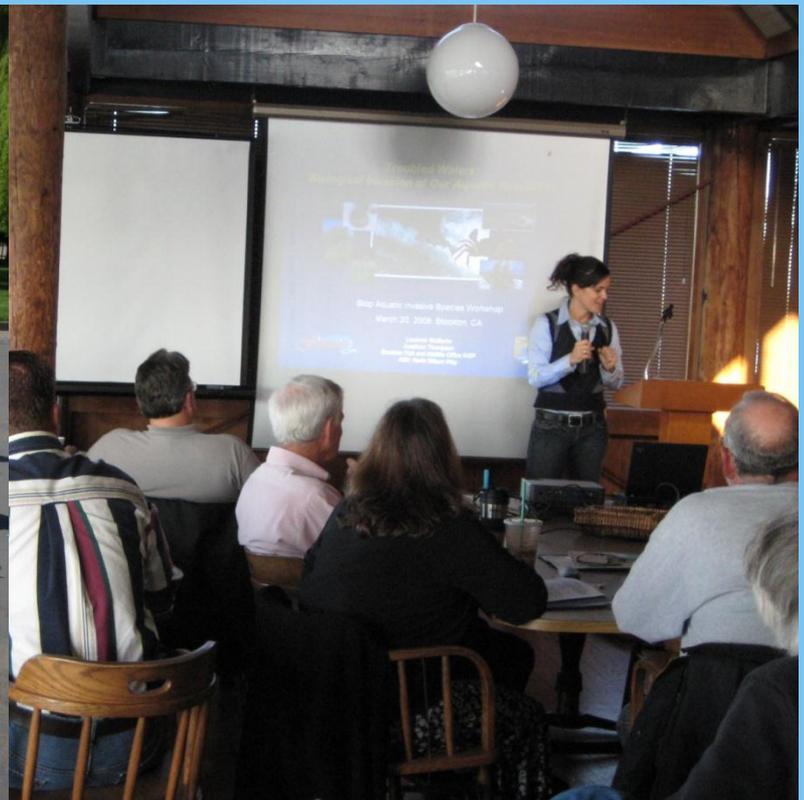
DOCKWALKER

In partnership with ...



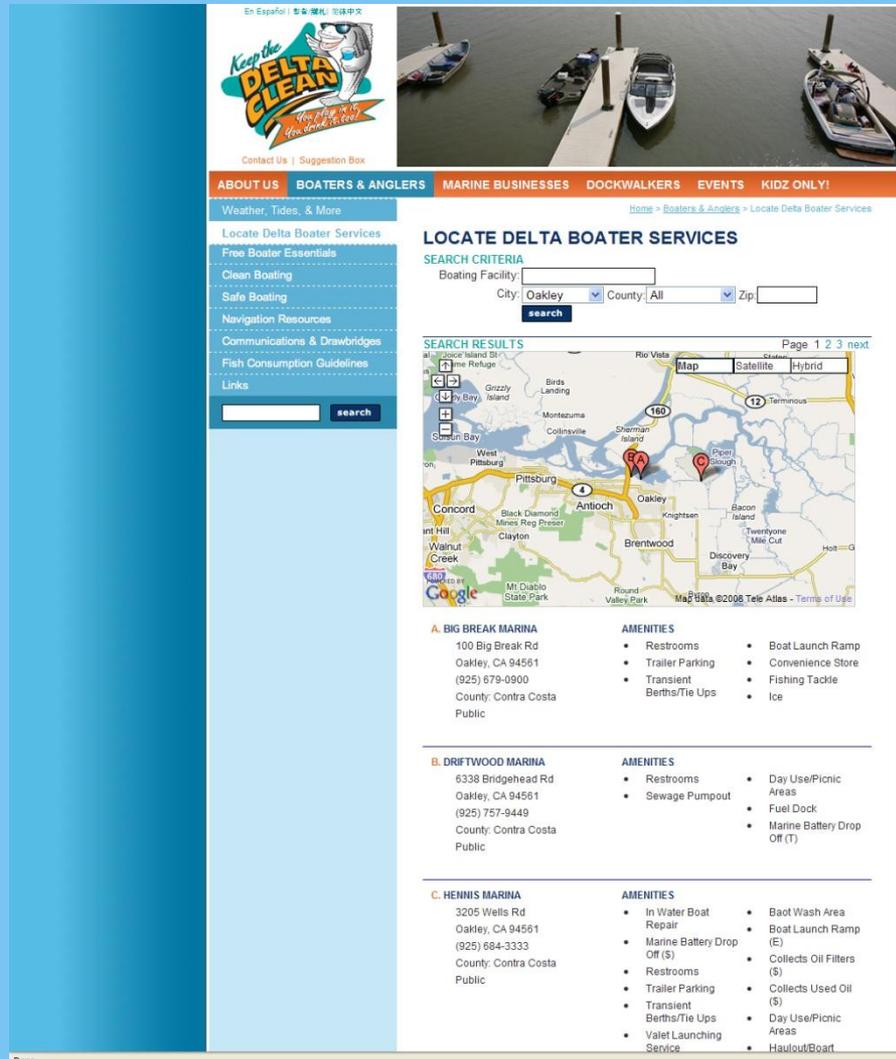
Marina Operator Technical Assistance

- Spill Response Plan and Staff Training
- Invasive Species Training



www.KeepTheDeltaClean.com

- Valuable information about clean and safe boating
- Order boater kits
- Sign up to be a Dock Walker
- Other information for boaters, such as locating delta services and weather/tides



The screenshot displays the website's interface for locating boater services. At the top, there is a navigation bar with links for 'ABOUT US', 'BOATERS & ANGLERS', 'MARINE BUSINESSES', 'DOCKWALKERS', 'EVENTS', and 'KIDZ ONLY!'. Below this, a search form titled 'LOCATE DELTA BOATER SERVICES' is visible. The search criteria include 'Boating Facility', 'City' (set to Oakley), 'County' (set to All), and 'Zip'. A 'search' button is located below the form. The search results are displayed on a map of the Delta region, showing several marinas marked with red pins. Below the map, three marinas are listed with their details and amenities:

Marina Name	Address	Phone	County	Public	Amenities
A. BIG BREAK MARINA	100 Big Break Rd Oakley, CA 94561	(925) 679-0900	Contra Costa	Public	Restrooms, Boat Launch Ramp, Trailer Parking, Convenience Store, Transient Berths/Tie Ups, Fishing Tackle, Ice
B. DRIFTWOOD MARINA	6338 Bridgehead Rd Oakley, CA 94561	(925) 757-9449	Contra Costa	Public	Restrooms, Day Use/Picnic Areas, Sewage Pumpout, Fuel Dock, Marine Battery Drop Off (T)
C. HENNIS MARINA	3205 Wells Rd Oakley, CA 94561	(925) 684-3333	Contra Costa	Public	In Water Boat Repair, Boat Wash Area, Marine Battery Drop Off (S), Boat Launch Ramp (E), Restrooms, Collects Oil Filters (\$), Trailer Parking, Collects Used Oil (\$), Transient Berths/Tie Ups, Day Use/Picnic Areas, Valet Launching Service, Haulout/Boat

www.KeepTheDeltaClean.com



Contact Us | Suggestion Box

- ABOUT US
- BOATERS & ANGLERS
- MARINE BUSINESSES
- DOCKWALKERS
- EVENTS
- KIDZ ONLY!

- Weather, Tides & More
- Locate Delta Boater Services
- Free Boater Essentials
- Clean Boating
- Safe Boating
- Navigation Resources
- Communications & Drawbridges
- Fish Consumption Guidelines
- Links

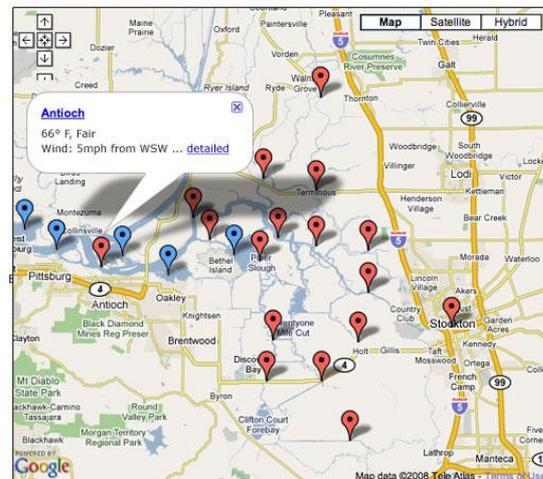
WEATHER, TIDES & MORE

Check the tides and weather forecasts for locations throughout the California Delta. Choose from either the San Joaquin River area or Sacramento River area, then use the map below to find the weather/tide information for the location closest to where you'll be.

Marker Key

- = **Weather Marker**, with current and forecast weather conditions for the area
- = **Buoy Marker**, with local tide/current information in addition to weather conditions

San Joaquin River Area | Sacramento River Area



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WEATHER, TIDES & MORE

Weather for Antioch, CA

67°F
Feels Like **67°F**

Updated: May 27 11:45 a.m. PT

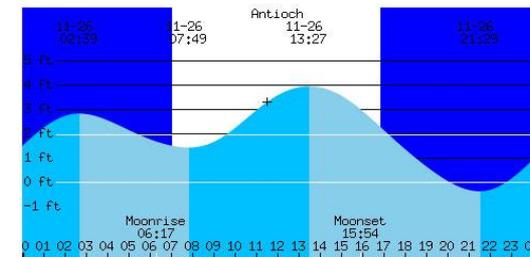
UV Index: 7 High
Wind: From WSW at 6 mph
Humidity: 45%
Pressure: 29.97 in.
Dew Point: 45°F
Visibility: 10.0 miles
Sunrise: 5:48 AM
Sunset: 8:21 PM

Delta Area Forecast

Today, partly cloudy in the morning then becoming mostly cloudy. Highs 64 to 72. West winds 10 to 20 mph, tonight, mostly cloudy. Lows around 52. West winds 10 to 20 mph with gusts to around 30 mph. Wednesday, mostly cloudy. Breezy. Highs 66 to 74. West winds 15 to 25 mph. Wednesday night, mostly cloudy. Breezy. Lows around 52. West winds 15 to 25 mph shifting to the southwest 10 to 15 mph after midnight. Thursday, mostly cloudy. Highs 64 to 72. Southwest winds 10 to 20 mph. Gusts up to 35 mph in the afternoon, Thursday night, mostly clear. Lows around 53. Friday, partly cloudy. Warmer. Highs 69 to 79, Friday night and Saturday, mostly clear. Lows around 55. Highs 69 to 79, Saturday night, partly cloudy. Breezy. Lows around 54, Sunday, mostly cloudy. Highs 69 to 79, Sunday night and Monday, partly cloudy. Lows around 55. Highs 71 to 81.

Back to Map >

Tide/Currents



High Tide: 0324 1.79	Max Flood: 0052 1.00
Low Tide: 0822 0.69	Max Ebb: 0546 -0.47
High Tide: 1356 2.95	Max Flood: 1138 1.04
Low Tide: 2126 -1.26	Max Ebb: 1830 -1.38

California Clean Boating Network

3 Chapters

- ✓ Northern Ca.
- ✓ Southern Coast
- ✓ Sacramento - San Joaquin Delta



Clean Boating Online
at Earth211.org

CO - Carbon Monoxide
Boaters: Protect Yourself from this Silent Killer!

Teak Surfing

Stakeout **Exhaust Ports**

1-800-CLEANUP

Write your story or article at www.earth211.org and find

Clean Boating Services at Earth211 Magazine

- ↓ Absorbent pad collection
- ↓ Absorbent pad disposal
- ↓ Oil spill pump-outs
- ↓ Storage pump-outs
- ↓ Use of motor oil recycling
- ↓ Marine oil bags

Tips for Clean Boating

- ↓ Learn easy ways to be a clean boater

Clean Boating Suggestions

- ↓ Do used or maintenance and proper oiling procedures on motor maintenance.

Links

- ↓ Learn about other Clean Boating programs

California Coastal Commission **SAVE OUR SHORES**

Community Environmental Council

A California Clean Boating Network Publication
Presented by the
Santa Monica Bay Restoration Foundation,
California Coastal Commission, Save Our Shores,
and the Community Environmental Council.
In cooperation with the
California Department of Boating and Waterways
and the California Integrated Waste Management Board.



though most plastic comes from abandoned inputs, here's a list of what boaters can do to help keep waterways clean and clear of all debris:

- take it boat policy that ISO trash is discarded overboard. Federal and national laws prohibit the discharge of plastic trash in the ocean.
- recycle your fish or marina to recycle adequate garbage cans and recycling bins.
- install trash compactors on large vessels.
- retrieve loose trash encountered in a water or on shore.
- join your concern with others and encourage them to help.
- dispose in local beach and harbor dumps, and leave the waters clean for your visit.

Clean Boating Network Publication
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