

The Bay Foundation

Understand, Innovate, Implement. We make it happen!



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National Estuary Program



- Study Areas**
- ① Casco Bay Estuary Partnership
 - ② Piscataqua Region Estuaries Partnership
 - ③ Massachusetts Bays
 - ④ Buzzards Bay Estuary Program
 - ⑤ Narragansett Bay
 - ⑥ Long Island Sound Study
 - ⑦ Peconic Estuary Program
 - ⑧ New York-New Jersey Harbor
 - ⑨ Barnegat Bay
 - ⑩ San Juan Bay, Puerto Rico
 - ⑪ Delaware Estuary
 - ⑫ Delaware Inland Bays
 - ⑬ Maryland Coastal Bays

The Bay Foundation



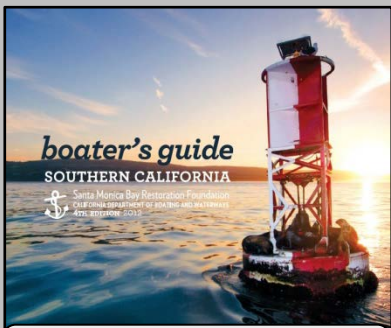
Our Mission is to restore and enhance the Santa Monica Bay through actions and partnerships that improve water quality, conserve and rehabilitate natural resources, and protect the Bay's benefits and values.

Boater Education Program

- Established in 1996 to reduce ocean pollution generated by boating activities.
- Accomplish our goals through:
 - Direct Outreach
 - Collaboration
 - Technical Support
- Pollutants of interest
 - Oil
 - Sewage
 - Household Hazardous Waste
 - Marine Debris
 - Aquatic Invasive Species
 - Emerging Contaminants



Projects



Boater's Guide



Adopt a Fuel Dock



Pumpout Monitoring



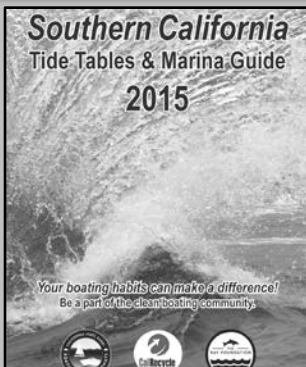
Newsletter



Absorbent Exchange



Honey Pot Day



Tide Book



Dockwalker Program



Clean Boating Kit

Boating Statistics

- 1/5 of boaters can not correctly identify the oil recycling logo
- 98% of boaters say oil leaks in their bilge most of the time or every time they use their boat.
- 51% of boaters clean their oil bilge with oil absorbents, 30% of them are improperly disposed.
- 4% of boaters clean their oil bilge using a bilge pumpout.



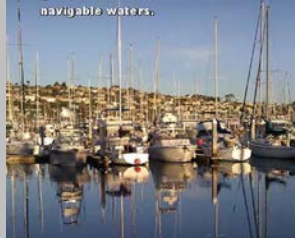
Absorbent Pad Exchange

- San Diego → *Sun Harbor Marina*
- Oceanside → *Harbor Department*
- Marina del Rey → *Del Rey Fuels*
- Marina del Rey → *LA Co Dept of Beaches and Harbors*



Absorbent Pad Exchange

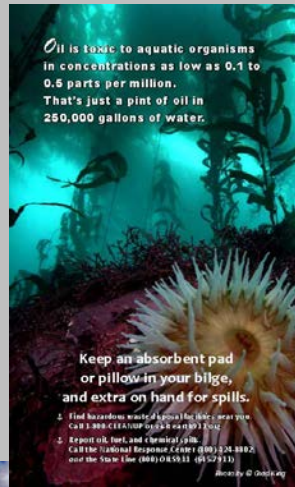
Each year, small spills and leaks from routine boat operation and maintenance discharge 137 million gallons of oil into the world's navigable waters.



Clean engine parts on land, over a leak-free container.

1. Find hazardous waste disposal facilities near you. Call 1-800-CLEANUP or visit earth911.org
2. Report oil, fuel, and chemical spills. Call the National Response Center (800) 424-8802 and the State Line (888) 045933 (645-7911)

Oil is toxic to aquatic organisms in concentrations as low as 0.1 to 0.5 parts per million. That's just a pint of oil in 250,000 gallons of water.



Keep an absorbent pad or pillow in your bilge, and extra on hand for spills.

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Image by © Double Jay

1 gallon of oil can ruin 1 million gallons of drinking water, the supply for 50 people in one year.



Use a spill proof system like a portable oil change pump when changing your own oil.

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2. Report oil, fuel, and chemical spills. Call the National Response Center (800) 424-8802 and the State Line (888) 045933 (645-7911)

In the U.S., less than 60% of used oil is recycled.



Recycle oil and filters for free at hazardous waste disposal locations, or check with your marina.

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Image by Joyce Hildebrand

One pint of oil can produce a slick of approximately one acre.



Prevent engine leaks and spills by maintaining lines and hoses.

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2. Report oil, fuel, and chemical spills. Call the National Response Center (800) 424-8802 and the State Line (888) 045933 (645-7911)

Image by © Dawn Friedman

Answer these questions to get your FREE oil absorbent!

1. Have you ever used an Absorbent Pad Exchange before?
 - Yes, at (enter location): _____
 - No, I have never heard of one before.
 - No, they were not conveniently located.
 - No. Other reason: _____
2. Did you know this logo represents a location where you can drop off used motor oil?
 - Yes
 - No, but now I do!
3. How do you dispose of your oil waste (used motor oil, filters, absorbents, empty oil containers, etc.)?
 - I take it to a Household Hazardous Waste center.
 - I take it to a drop off center (fuel dock, boat yard, marina, auto shop).
 - I take it to an Absorbent Pad Exchange.
 - I store it at home.
 - I take it to a dump or landfill.
 - I put it in the garbage.
 - Other: _____



Keep Our Waters Clean: Please read and check the box next to each clean boating habit you will practice.

I pledge to:

- Contain every drop. Use oil absorbents in the bilge, under the engine, and while fueling to capture unexpected leaks.
- Dispose of hazardous waste properly at a Household Hazardous Waste center, drop off center, or Absorbent Pad Exchange.
- Never use soaps to remove any oil or fuel sheen on the surface of the water- it is illegal, bad for the environment, and toxic to wildlife.

Yes! I would like to receive clean boating information. *Your privacy is important to us. We do not share your information with any other company or organization.*

Name _____
 Address _____
 City, State, Zip _____
 Email _____

Funded by a grant from CalRecycle  
www.santamonitabay.org



ABSORBENT PAD EXCHANGE

FREE OIL ABSORBENT & DISPOSAL

HOW DO I GET ONE?

- Simply call or visit your nearest exchange location and ask staff for your free oil absorbent.
- Location: _____ Phone: (760)435-4000 Hours of Operation: _____

HOW DO I USE AN ABSORBENT?

- Place absorbent at the bottom of bilge to catch engine oil leaks (Inboard motors).
- During maintenance and oil changes (Inboard motors).
- To clean up accidental oil spills.
- Around the nozzle while fueling.
- In case a fuel line breaks.
- When fully saturated, remove and place in a spill-proof container.

WHERE DO I DISPOSE OF USED ABSORBENTS, OIL, FILTERS, AND EMPTY CONTAINERS?

- Household Hazardous Waste Collection Centers.
- Call 1-800-CLEANUP or visit earth911.org for locations.
- Drop off centers (fuel docks, boat yards, marinas, auto shops, gas stations).
- Call ahead to confirm what they accept.
- At your local exchange location (for absorbents only).

Nearest Used Absorbent Drop Off Location: _____ OCEANSIDE HARBOR

WHAT'S THE LAW?

- NEVER put used absorbents in the trash. It is illegal.
- NEVER discharge oil and oily waste into U.S. navigable waters.
- It is against federal and state law.
- NEVER use soaps or bilge cleaning products to remove oil sheen on the water. It is illegal. Use an absorbent instead.



Report oil, fuel, and chemical spills by calling
 (800) OILS911 (645-7911)
 and (800) 424-6802



Funded by a grant from CalRecycle

Absorbent Pad Exchange

Challenges

- Facility selection
- New HHW generator
- Vendor selection
- Location specific setup
- Private facility promotion

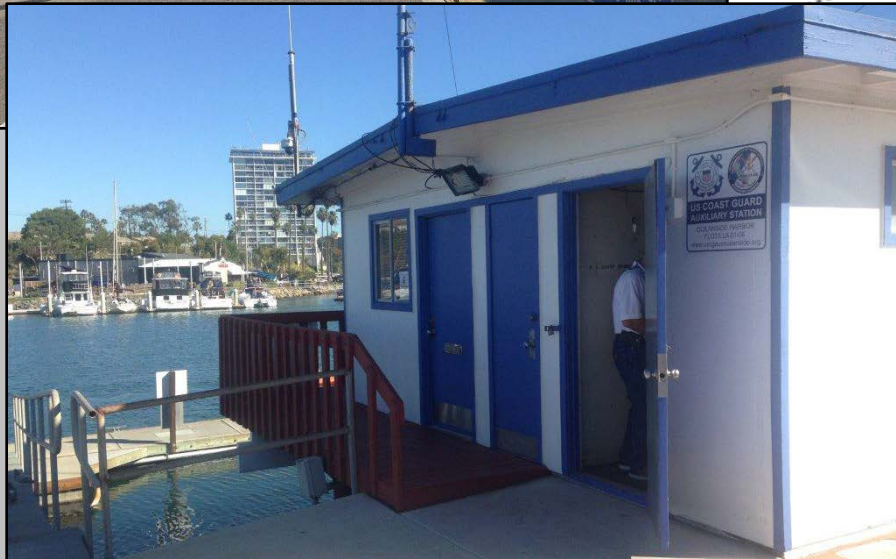
Successes

- Training facility staff
- Overall program promotion
- 3 of the 4 program locations have been in progress since January 2015

Bilge Pumpout



Bilge Pumpout



Bilge Pumpout

Challenges

- Permitting
- Equipment and vendor selection
- Timeline

Successes

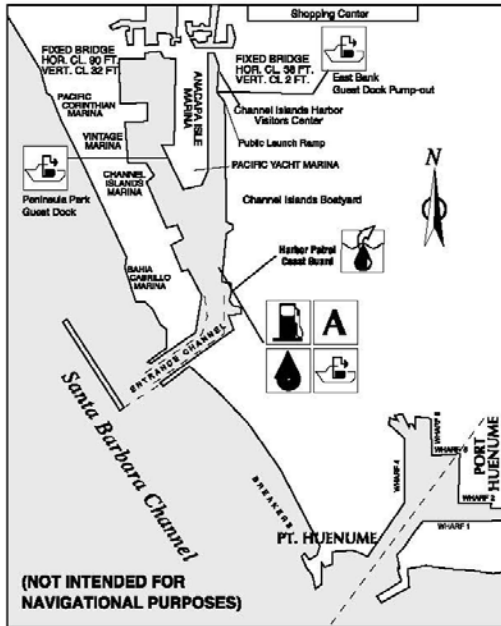
- Collaboration
- Facility and location selection



Education and Outreach

Tide books

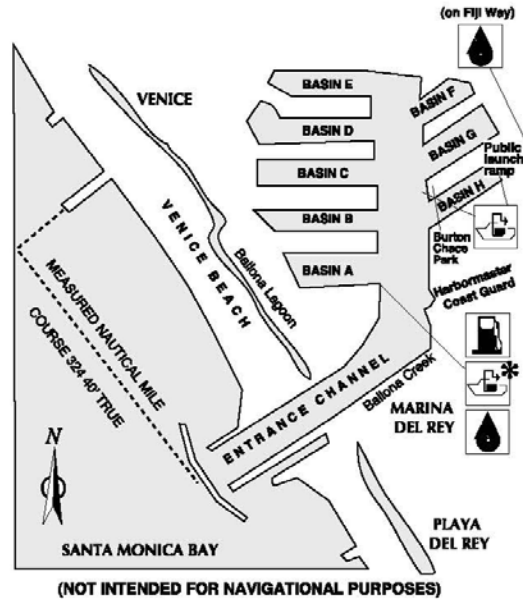
CHANNEL ISLANDS & PORT HUENUME



- OILY BILGE PUMP-OUT**
- ABSORBENT PAD DISTRIBUTION & COLLECTION**
- SEWAGE PUMP-OUT**
- OIL RECYCLING**
- FUEL**

30

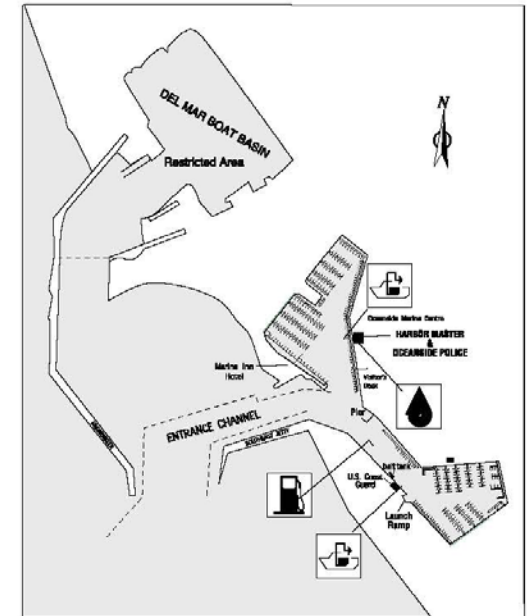
MARINA DEL REY



- SEWAGE PUMP-OUT**
- OIL RECYCLING**
- FUEL**
- * OIL CHANGE SERVICES AVAILABLE**

31

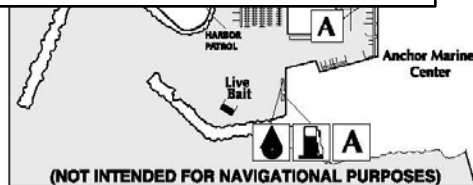
OCEANSIDE HARBOR



- SEWAGE**
- OIL PUMP-OUT**
- FUEL**

(NOT INTENDED FOR NAVIGATIONAL PURPOSES)

41



(NOT INTENDED FOR NAVIGATIONAL PURPOSES)

40

Education and Outreach

The Changing Tide



THE CHANGING TIDE

Summer 2014

Little Things That Matter

PREVENT OILY DISCHARGES

- ✦ Regularly practice preventative engine maintenance and keep your engine well-tuned to prevent fuel and oil leaks.
- ✦ If you change your boat engine oil, use a closed system (such as a portable oil-change pump) available at marine supplies stores and always have an oil absorbent handy.
- ✦ Oil absorbents are the least expensive method boaters can use to control oily discharges. Oil absorbents (available at most marine supply stores) absorb oil while repelling water. Use oil absorbent for oil drips under the engine and in the bilge and to remove oil sheen on the water. These absorbents can also be used while fueling your boat or when filling a portable tank.
- ✦ If you have an extremely oily bilge, consider using a bilge pumpout service

Learn About No Discharge Zones



San Diego Bay, one of California's No Discharge Zones

Photo: Victoria Ippolito

Many boaters hear the term “No Discharge Zones” (NDZs) but do you know what these zones are and how many NDZs are in California? Let’s explore this topic.

NDZs are federally designated bodies of water where discharge of treated and untreated sewage from vessels is prohibited. California has eleven NDZs:

- | | |
|---|---------------------------------------|
| ✦ Lake Tahoe (El Dorado and Placer Counties) | ✦ Sunset Bay (Orange County) |
| ✦ Richardson Bay (Marin County) | ✦ Avalon Bay (Los Angeles County) |
| ✦ Channel Islands (Ventura County) | ✦ Dana Point (Orange County) |
| ✦ Huntington Harbor (Orange County) | ✦ Oceanside Harbor (San Diego County) |
| ✦ Newport Bay (upper and lower) (Orange County) | ✦ Mission Bay (San Diego County) |
| | ✦ San Diego Bay (San Diego County) |

Education and Outreach Clean Boating Kit

Education and Outreach Direct Outreach Events



Questions?

