

Clean Vessel Act Boater Education Program

Department of Boating
and Waterways



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The San Francisco
Estuary Partnership



James Muller
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The Clean Vessel Act - 1992

To reduce the discharge
of sewage from vessels in
U.S. waters

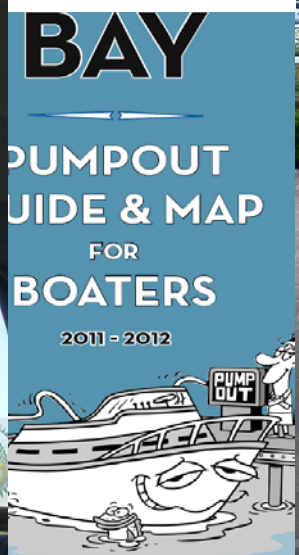
Construction
Renovation
Operation
Maintenance



Education and outreach



**KEEP OUR
WATER CLEAN-
USE PUMPOUTS**



Our Purview?

- Regulation
- Oil
- Gasoline
- Diesel
- Hazardous waste
- Marine Debris
- Sewage
- Outreach
- Education
- Monitoring
- Partnerships



Obstacles

- There are a lot of boaters
- Pollutant type
 - “organic”
- Low profile
- Impact
 - Theory VS Reality
- Regulation VS Enforcement
- The almighty \$

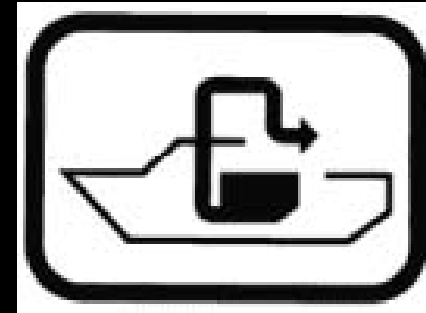
Opportunities

- CVA funding
- DBW/SFEP/Coastal Commission
 - Resources
- Pumpout Network
- Mobile Pumpouts
- Boaters themselves



What Does the CVA Program Do?

- Monitor pumpout systems
- Education/Resources
- Funding for Marinas

A photograph of a fish wearing red sunglasses, looking towards the left.

CLEAN
is
COOL

Dumping raw sewage into our waterways is just plain lame.

Visit the restroom or pump out boat sewage before you leave the dock.
If it's your boat, it's your responsibility.

 **DUMP** at the **PUMP!**

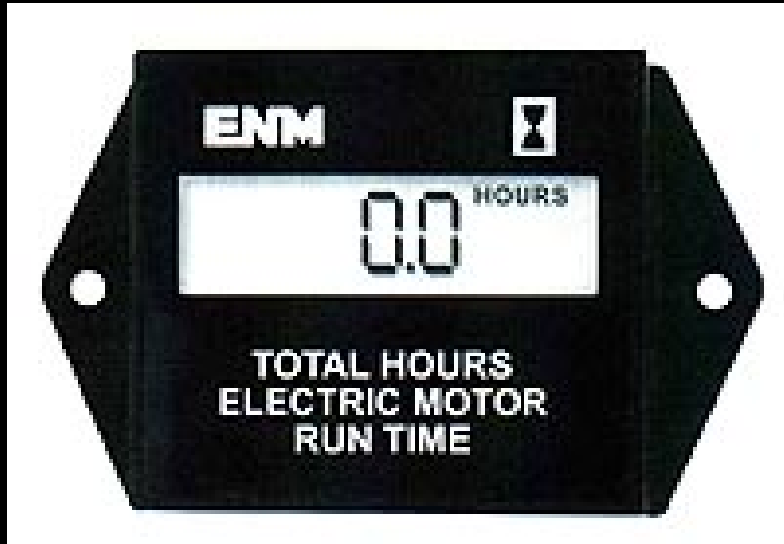
 For pumpout locations visit www.BoatResponsibly.com.

The Pumpout Network

Number of Marinas	179
Marinas With Pumpouts	69
Number of Total Pumpouts	92
Number of Inoperable Pumpouts	5

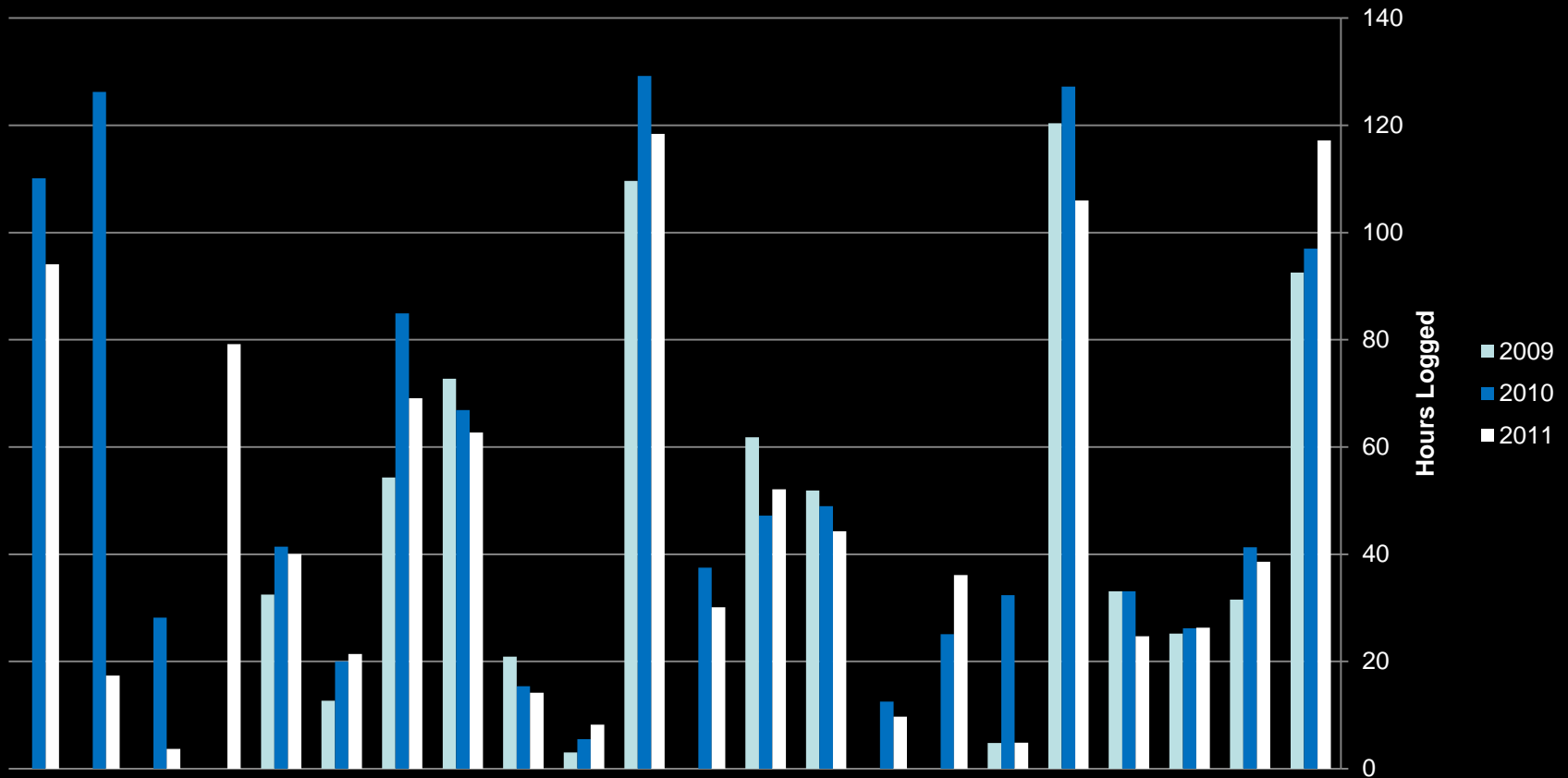


Surveys



Variation in Pumpout Use

Total Hours Logged by Marina and Year

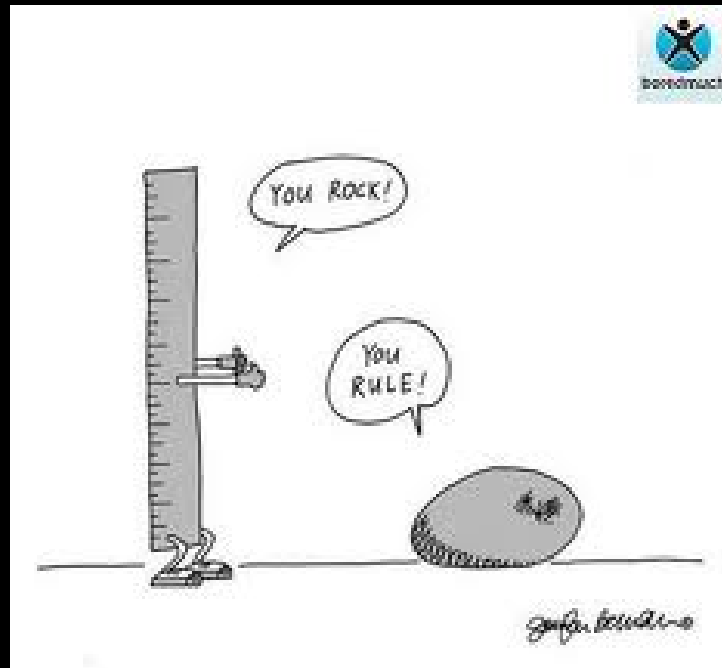


Education and Resources

SACRAMENTO BOAT SHOW & off road exposition

Strictly Sail Pacific

April 12 - 15, 2012 Jack London Square, Oakland, CA



Education and Resources

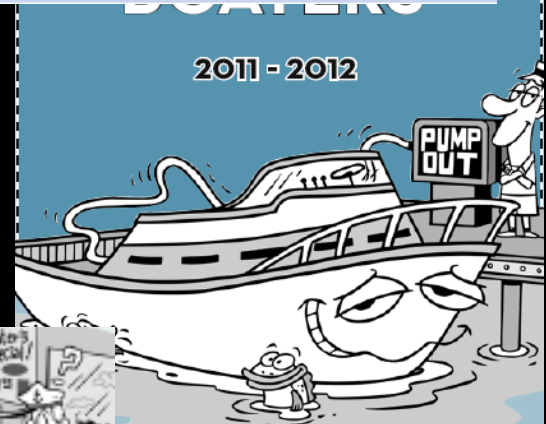
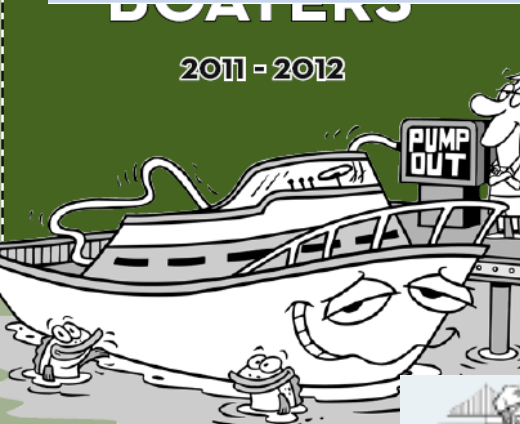
SACRAMENTO - SAN JOAQUIN RIVER DELTA

CONTRA COSTA COUNTY

1	ANCHOR MARINA 1970 Taylor Rd., Bethel Island, CA 94511	925-684-9148	Fuel dock	Free to tenants	9-6	Yes	Yes
2	ANTIOCH MARINA 5 Marina Plaza, Antioch, CA 94509	925-779-6957	Guest dock & fuel dock	Free	24 hrs.	Pumpout wand at fuel dock	Yes 8-4 M-F, 8-5 SS
3	BETHEL HARBOR 3405 Harbor Road, Bethel Island, CA 94511	925-684-2141	Service dock	\$5	7-5	No	Yes
4	DISCOVERY BAY YACHT HARBOR 5901 Marina Rd., Discovery Bay, CA 94505	925-634-5928	Fuel dock	Free to tenants Others \$10	24 hrs.	No	Yes
5	DRIFTWOOD MARINA 6338 Bridgehead Rd., Oakley, CA 94561	925-757-9449	Fuel dock	Free	24 hrs.	No	No
6	HOLLAND RIVERSIDE MARINA 7000 Holland Tract Rd., Brentwood, CA 94513	925-684-3667	Dock near store	Free to tenants Others \$5	8-6 8-5 Winter	No	Yes



SAN FRANCISCO BAY



2011 Map Distribution Numbers

	# of Locations	Bay	Delta	Total
Mail Out				
Marinas	109	3,658	4,495	8,153
Boat Supply Shops	26	1,267	1,652	2,919
	135	4,925	6,147	11,072
Boat Shows				
Sacramento Boat Show	4 Days	188	300	488
Strictly Sail - Oakland	4 Days	427	379	806
Summer Sailstice		15	15	30
		630	694	1,324
Site visits				
Site visits to Marinas, Information Centers, and SFEP attended events				1,075
Call In and Email Orders				
	6 orders	175	176	351
TOTAL		5,730	7,017	12,747

Education and Resources



How to Properly
use a pumpout

1674 Views
since 2011

Clean Boating
Interview

183 Views
since 2011

Honey Pot Day

A large graphic featuring a dynamic splash of blue water. Overlaid on the water is the text "KEEP THE BAY CLEAN WITH" in white, followed by the BayGreen logo. The logo consists of a stylized green and blue circular icon, the text "BayGreen" in blue and green, and "MARINE SANITATION" in smaller blue text below it. To the right of the logo is a square icon with an orange border containing a black outline of a boat with a toilet symbol inside.

KEEP THE BAY CLEAN WITH



BayGreen
MARINE SANITATION

Honey Pot Day



Solutions

- Education
- Funding



Limitations

- Water Quality Data
- Enforcement
- Misinformation
- Captive Audiences



Steps Forward

- Management practices encouraging boaters to pump out
- More extensive use of mobile pumpouts
- MORE EDUCATION!
- Encourage the use of full capture systems (West Point Harbor) paired with CVA funding
- Regulation?

Thanks!

The California Department of Boating and Waterways

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