

State of California  
Natural Resources Agency  
Department of Boating and Waterways



27<sup>TH</sup> BIENNIAL REPORT  
FISCAL YEARS 2008/09 AND 2009/10

JANUARY 2011

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State of California

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## **INTRODUCTION**

### **Department of Boating and Waterways Biennial Report for Fiscal Years 2008/09 and 2009/10**

Pursuant to Section 63.6 of the Harbors and Navigation Code, the Department of Boating and Waterways (DBW) submits to the Boating and Waterways Commission, Legislature, and Governor its biennial report covering Fiscal Years 2008/09 and 2009/10 (July 1, 2008 through June 30, 2010). This report is due by January 15, 2011.

The Harbors and Navigation Code (HNC) requires that this report contain specific information on private marina loans; berthing rates monitoring; personal watercraft safety; boating safety activities by local agencies receiving law enforcement funding from DBW; activities, receipts and expenditures by the Yacht and Ship Brokers Licensing Program; and general information on departmental operations during this biennium.

## PRIVATE MARINA LOANS (HNC §63.6)

HNC Section 63.6 requires that DBW report the following:

- The total amount of private marina loans made during this biennium
- The name of the recipient of each loan
- The location of the marina for which each loan was made
- The financial status of each loan
- Any legislative recommendations

During FY 2008/09, DBW made one loan of \$965,000 to one private marina owner pursuant to Article 5 (commencing with Section 76) of Chapter 2 of Division 1 of the HNC. The loan to Glen Cove Marina is for the remodeling of the public restrooms to meet ADA requirements and dredging of the harbor and marina slips. The table below contains the required information for this loan.

PRIVATE MARINA LOANS FY 2008/09 & FY 2009/10			
NAME	LOCATION	LOAN AMOUNT	STATUS
<b>Glen Cove Marina</b>	Vallejo, CA (Solano County)	\$965,000	<ul style="list-style-type: none"><li>• Under Construction</li><li>• \$210,000 Disbursed</li><li>• Project Completion Date May 1, 2012</li></ul>



*Harbor and marina slips being dredged at Glen Cove Marina*



## **BERTHING RATES MONITORING (HNC §63.6)**

HNC Section 63.6 requires that DBW report the status of DBW's activities related to the monitoring of berthing rates at boating facilities for which DBW has made loans to public and private entities.

DBW collects information about berthing rates at boating facilities that receive loans pursuant to HNC Section 71.4 and Section 76.7(d). Prior to loan approval, applicants must provide berthing rate information to DBW as part of the loan qualification process. Per the loan contract terms, borrowers are required to adjust berthing rates as necessary, but not less than once a year, based on the change in the U.S. Bureau of Labor Statistics' Consumer Price Index. The loan contract also requires that borrowers conduct surveys of berthing rates in their market area and submit the results of such surveys to DBW by April 1 of each year. Berthing rates must be sufficient to assure timely and complete repayment of the loan, but should also be comparable to berthing rates for the surrounding market area.



*Santa Cruz Marina berths scheduled for replacement with funding from DBW*

## **PERSONAL WATERCRAFT SAFETY (HNC §63.6)**

HNC Section 63.6 requires DBW to report on an evaluation of the public participation in the personal watercraft education course developed by DBW pursuant to HNC Section 668.3(b), along with a determination of the effect of the course on personal watercraft safety in California.

This course was developed in cooperation with the California State Sheriff's Association in 2000 and was most recently updated in 2007. It is available both in booklet form and online. The course booklet and the online exam are widely used by the public for self-education on the subject of personal watercraft (PWC) safety.

Since the 2007 update, 50,000 course booklets have been distributed to the public. In FYs 2008/09 and 2009/10, more than 800 people visited the online course and close to 500 people completed the exam. Since it was first offered, the online course has been viewed by at least 5,000 people and has been completed by more than 3,000 people.

PWC registration with the Department of Motor Vehicles has steadily risen from about 33,000 in 1993, to about 180,000 at the end of 2009. Reported personal watercraft accidents have been steadily declining since AB 2045 (Chapter 396, Statutes of 2000) was enacted, requiring development of this safety course for public use. While it is difficult to quantify the effects of this safety course on the decline in PWC accidents, the significant reduction in PWC accidents as registration numbers keep rising is a sign of marked improvement in PWC safety.



*A Napa County Sheriff's deputy patrols Lake Berryessa on a personal watercraft*

## LOCAL BOATING SAFETY ACTIVITIES (HNC §663.7)

HNC Section 663.7(f) requires that this report include a summary of boating safety activities undertaken by counties that receive financial aid from DBW for boating safety and enforcement programs.

The table below presents a summary of boating safety activities supported during this period by the law enforcement financial aid (subvention) program.

LOCAL BOATING SAFETY ACTIVITIES FY 2008/09 & FY 2009/10		
	FY 2008/09	FY 2009/10
<b>LAW/REGULATION ENFORCEMENT</b>		
Verbal Warnings	23,447	34,497
Citations/Physical Arrests	13,794	10,137
<b>BOATER ASSISTANCE</b>		
Persons Assisted	20,149	19,622
Vessels Assisted	4,795	4,692
<b>SEARCH AND RESCUE OPERATIONS</b>		
Searches and Recoveries	647	1,274



*El Dorado County Sheriff's deputies practice river search and rescue operations*



## YACHT AND SHIP BROKER LICENSING PROGRAM ACTIVITIES (HNC §707)

HNC Section 707 requires that this report include complete information about DBW's activities, receipts and expenditures under the authority of the Yacht and Ship Broker's Act.

**The Program's Role as Regulator.** In the Yacht and Ship Broker Licensing Program, the role of DBW is to protect consumers by ensuring compliance by brokers and salespeople with the laws and regulations under the jurisdiction of the DBW. The department encourages industry to contact DBW with its questions and concerns. DBW continues to educate California consumers and work with brokers and salespeople to ensure a fair and competitive marketplace.

**Licensing Statistics.** Before being issued a license to sell used vessels in California, an applicant must undergo an extensive background investigation through the Department of Justice and the Federal Bureau of Investigation as well as successfully complete a written proficiency examination.

As of June 30, 2010, the program regulated the following number of licensees (by type of license):

- Broker of Record        389
- Branch Offices            66
- Associate Brokers        28
- Salespersons              648

**Inspections.** A key factor in maintaining compliance is DBW's performance of routine inspections of brokerages throughout the state. Program investigators completed approximately 200 inspections of brokerages in FY 2008/09 and over 150 inspections in FY 2009/10.

Before an inspection is conducted, DBW staff review the licensing and complaint history of the brokerage to determine if any existing issues, past violations or problem areas should be addressed during the inspection. During an inspection, the department reviews listing agreements as well as pending and closed files for compliance with law. Trust accounts are reviewed to determine actual deposit/ withdrawal dates and accuracy of ledger records.

**Investigations.** Investigations are performed when complaints are received by the DBW. The program investigator attempts to determine the facts of the complaint by interviewing both the complainant and the broker(s) involved. A broker is notified that a complaint has been filed and is requested to be available to meet with the investigator.

Of forty complaints received and investigated during FYs 2008/09 and 2009/10, fourteen enforcement actions were initiated by program investigators; five of these cases were referred to the Office of the Attorney General and one to a local District Attorney (DA) for further action. As of June 30, 2010, four of the cases referred to the Attorney General have been successfully prosecuted and closed. The case that was referred to the local DA is still pending resolution.

**Accomplishments.** During this biennium, the Yacht & Ship Broker Licensing Program accomplished the following:

- Developed and implemented an updated database containing all licensing, inspection, and disciplinary action information for broker and salesperson licensees.
- Participated in legal seminars presented by the California Yacht Broker Association.
- Revised the consumer booklet “How to Buy a Used Boat”.
- Worked closely with online advertising services to ensure California brokers remain in compliance with advertising laws.
- Pursued disciplinary actions against California brokers found to be in violation of the Harbors & Navigation Code and brought such actions forward to the Office of the Attorney General.

Other issues identified and actions taken by program investigators include:

- Cease and Desist Letters (14). These are usually initiated for unlicensed activity or activity on an expired or suspended license.
- Advertisement Rule Violation Notices (29). These are sent as a result of errors or omissions of information required to be included in a broker’s advertising materials.
- Notice of Warning Letters (5). These are initiated for a variety of minor violations.
- Unlicensed Activity (8). Investigators confirm unlicensed activity as a result of consumer complaints and generally issue Cease and Desist Letters as indicated above.
- Misrepresentation (4). This is usually a result of an omission of information required when a broker is dealing with a client and generally results in a Notice of Warning Letter.
- Listing Agreement Violation Notices (5). When investigators perform inspections, they review brokers’ listing agreements with their clients. If required information is missing, or if the agreement contains an error, a Listing Agreement Violation Notice is issued.

**Receipts and Expenditures.** Fee revenues for FY 2008/09 were \$96,230; fine and penalty receipts totaled \$7,207; expenditures totaled \$601,335. Fee revenues for FY 2009/10 were \$85,083; fine and penalty receipts totaled \$6,225; expenditures totaled \$563,920. Expenditures include the costs of wages and benefits for four full-time employees (4 PYs). All expenditures for this program are paid from and receipts credited to the Harbors and Watercraft Revolving Fund.

## DEPARTMENT OPERATIONS (GENERAL)

HNC Section 63.6 requires that DBW report on the operations of the department during this biennium. The following is a recap of DBW's general operations during this period.



**Boating Facilities Programs**



**Boating Law Enforcement Programs**



**Boating Safety and Education Programs**



**Boating Environmental Programs**



**Boating Consumer Protection Programs**

## Boating Facilities Programs

### Major Functions

The table below describes the major functions of DBW's boating facilities programs.

BOATING FACILITIES PROGRAMS	
DESCRIPTION	PURPOSE
<b>Loans to Local Public and Private Entities</b>	Plan, design, renovate and construct small craft harbors, marinas, dry storage facilities and fund emergency repairs.
<b>Grants to Local Public Entities</b>	Plan, design, renovate, and construct launching ramps and facilities (such as boarding floats, restrooms and parking areas) for motorized and non-motorized boats, ramp extensions for low water levels, ADA requirements, transient guest docks, floating portable restrooms, sewage pumpout stations, navigational aids, portage trails, water trails and fund emergency repairs.
<b>Boating Facilities on State-Owned and Managed Lands (State Capital Outlay)</b>	Plan, design, renovate, and construct small craft harbors, marinas, launching ramps and facilities for motorized and non-motorized boats, ramp extensions for low water levels, boat-in only sites, and fund emergency repairs. All work is performed by an in-house staff of engineers and includes projects located in California State Parks and on the State Water Project.
<b>Aquatic Centers on State-Owned and Managed Land (State Capital Outlay)</b>	Plan, design, renovate, and construct Aquatic Center facilities used for classroom and on-the-water teaching of power boating and paddling sports infused with DBW's boating safety training.
<b>Clean Vessel Media Campaign</b>	Perform statewide public multimedia outreach to educate boaters about proper sewage disposal and the use of pumpout facilities.
<b>National Boating Infrastructure Grants to Local Public Entities</b>	Provide transient (guest) dockage for recreational boats 26 feet or more in length for recreation and safe harbor; enhanced access to recreational, historic, cultural and scenic resources; to strengthen community ties to and economic benefits from waterfront resources; to promote public/private partnerships and business opportunities; to provide continuity of public access to the shore; and to promote awareness of transient boating opportunities.
<b>Design Guidelines</b>	Develop and maintain nationally recognized design guidelines (including ADA) for boat launching facilities and marinas.

### **Activities and Accomplishments**

- One private marina loan was made in FY 2008/09, totaling \$965,000.
- Small craft harbor loans made to 6 public entities in FY 2008/09 totaled \$20,641,000. In FY 2009/10 loans made to 3 public entities totaled \$13,773,000.
- Boating facilities grants made to 10 public entities in FY 2008/09 totaled \$3,860,000. In FY 2009/10 grants made to 3 public entities totaled \$1,557,000.
- Boating Trails grants for FY 2008/09 totaled \$998,208. Grants for FY 2009/10 totaled \$923,226.

Minor Capital Outlay (CO) expenditures on 14 projects for FY 2008/09 totaled \$5,330,000 (CO budget for FY 2009/10 was reduced to \$0 as part of Budget Bill negotiations).

- Clean Vessel Act grant expenditures for vessel pumpout facilities, floating restrooms and the Clean Vessel Media Campaign totaled \$1,875,000 in FY 2008/09, with 16 contracts awarded. In FY 2009/10, 25 contracts were awarded totaling \$1,348,000.
- National Boating Infrastructure grants in FY 2008/09 were awarded to 3 entities, totaling \$1,350,000. In FY 2009/10, 2 grants were awarded totaling \$1,810,150.
- DBW continued work on updating its *Layout & Design Guidelines for Boat Launching Facilities* to be republished in 2010. These guidelines are used as a reference manual for design of boating facilities in several states.
- DBW was awarded the 2009 Project of the Year for the Tisdale Boat Launching Facility Project in the Park & Trails Category by the American Public Works Association, Sacramento Chapter.
- DBW received a 2010 Hall of Honor Regional Treasure Category award for the Sacramento State Aquatic and Boating Safety Center by the California Park and Recreation Society.

### **Featured Projects Completed in this Biennium**

DBW completes many boating facility projects each year under its loan, grant and minor capital outlay programs. Most of these projects are to rehabilitate and update existing facilities that have exceeded their original lifespan. Below are descriptions and photos of four projects completed during the last two years:

- Berkeley Marina (Alameda County)
- Lake Ming Boat Launch (Kern County)
- McArthur Burney Falls Memorial State Park (Shasta County)
- Emerald Bay Boat Camp (El Dorado County)



## Public Boating Facility Loan (Local Assistance): Berkeley Marina

*Total Loan Amount: \$9,000,000*

In 2001, the City of Berkeley (Alameda County) applied to DBW for a loan to renovate several docks at the Berkeley Marina. This project was completed August 2010.

The project included new barrier-free concrete docks, concrete piles, new dockside and landside utilities, a barrier-free gangway, a new barrier free restroom, walkways, security, and landscaping. The new docks are filling up quickly. Current total marina occupancy is about 87 percent.



*Before: Docks at Berkley Marina that are worn down and do not meet ADA standards*



*After: Newly completed ADA-compliant docks at Berkeley Marina*

## **Boating Facility Grant (Local Assistance): Lake Ming Boat Launch**

*Total Grant Amount: \$1,526,000*

In 2003, Kern County applied to DBW for a grant to replace two deteriorating boat ramps at Lake Ming in Bakersfield. These boat ramps serve approximately 48,000 users per year.

In January 2004, the Boating and Waterways Commission approved the county's request. The facility was completed in October of 2009.

Grant funds were used to remove the existing deteriorated boarding floats, launch ramps and docking areas at two separate areas along the lake. Grant funds were then used to install two new concrete "V-groove" ramps that are expected to last 20-30 years and four new pile-guided boarding floats to improve ease of use and safety while loading and unloading passengers. Parking areas were re-surfaced and security lighting was added. Both basins were dredged to increase boating access to the lake, and a new two-unit accessible restroom was constructed.

Kern County will manage and maintain the Lake Ming Boat Launching Facility for the next 20 years.



*Before: Lake Ming Boat Launch dock and restroom*



*After: Lake Ming Boat Launch ramp and boarding floats*

**State Capital Outlay: McArthur Burney Falls Memorial State Park**

*Total Project Amount: \$332,318*

This Minor State Capital Outlay Project is an upgrade to the existing boat launch facility located at McArthur Burney Falls Memorial State Park (near Burney) in Shasta County. The existing boarding floats were constructed out of glue-laminated wood beams that were deteriorated and unsafe after many years of use and exposure to the elements. Completed in March 2010, the constructed improvements included an ADA-compliant path of travel from the adjacent beach area to the head of the ramp. An 80' aluminum gangway connected to a new 5' wide concrete sidewalk and abutment continue the pedestrian ingress/egress to the new aluminum boarding float system.



*Before: McArthur Burney Falls Memorial State Park boarding floats*



*After: McArthur Burney Falls Memorial State Park boarding floats*



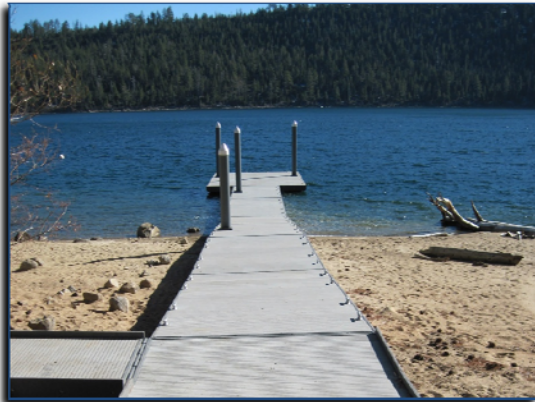
## State Capital Outlay: Emerald Bay Boat Camp

*Total Project Amount: \$401,333*

This Minor State Capital Outlay Project replaced the existing wooden pier and boarding float with a new steel floating pier at Emerald Bay Boat Camp (Lake Tahoe, El Dorado County) and was completed November 2009. An ADA-accessible ramp was also constructed to provide access to the pier. The Department of Parks and Recreation (State Parks) will construct a new ADA-accessible pathway leading to the ramp at a future date. The water supply system that provided water to the Boat Camp was also partially replaced as part of this project. Emerald Bay Boat Camp is operated by State Parks.



*Before: Emerald Bay Boat Camp's outdated pier and boarding float*



*After: Emerald Bay Boat Camp's renovated pier and water supply system*

## Boating Law Enforcement Programs

### Major Functions

The table below describes the major functions of DBW's boating law enforcement programs.

BOATING LAW ENFORCEMENT PROGRAMS	
DESCRIPTION	PURPOSE
<b>Grants to Local Public Entities</b>	Fund personnel for marine law enforcement; inspections for safety equipment, registration, supervision of organized boating events; on-the-water boating activities; search and rescue, and recovery of drowned bodies. Fund purchase of patrol boats, boat patrol equipment, dive gear, and training.
<b>Law Enforcement Training</b>	Provide training courses to law enforcement officers, lifeguards, harbor patrol officers and others. Course include: <i>Boating Safety and Enforcement; Boating Under the Influence; Basic Boat Handling; Basic Accident Investigation and Reconstruction; Introduction to Personal Watercraft for Law Enforcement; Piloting and Navigation; Marine Fires, and Advanced Accident Investigation and Reconstruction; and Core Training Certification.</i>
<b>Abandoned Watercraft Abatement Fund (AWAF) (Grants to Local Public Entities)</b>	Fund removal, storage and disposal of abandoned recreational vessels and other navigational hazards.
<b>Vessel Turn-In Program (VTIP) (Grants to Local Public Entities)</b>	Fund disposal of dilapidated vessels that are voluntarily surrendered by owners to local agencies.

### ***Activities and Accomplishments***

- Law enforcement grants to 38 local public entities in FY 2008/09 totaled \$10.6 million. Grants to 38 local entities in FY 2009/10 also totaled \$10.6 million.
- Law enforcement equipment grants to 39 local public entities in FY 2008/09 totaled \$1.9 million. Grants to 37 local public entities in FY 2009/10 totaled \$1.4 million.
- Expenditures for training of 308 boating law enforcement officers in FY 2008/09 totaled \$358,157. Training of 269 officers in FY 2009/10 totaled \$371,246.
- *See page 5 of this report for more detailed information on boating safety activities conducted by local law enforcement organizations that receive funding from DBW.*
- Abandoned Watercraft Abatement Fund (AWAF) grants to 17 local public entities in FY 2008/09 totaled \$500,000 and were used to remove 115 waterway hazards. Grants to 14 local public entities for FY 2009/10 totaled \$500,000 and have been used to remove 64 waterway hazards as of June 30, 2010.
- Assembly Bill 166 (Chapter 416, Statutes of 2009) enacted the Vessel Turn-In Program, a pilot program through January 1, 2013, to fund disposal of dilapidated vessels that may be voluntarily surrendered by owners to participating local agencies. Release of grant funds under this new program was delayed due to the FY 2010/11 budget impasse but is now underway.



*Contra Costa County Sheriff's Department patrol boats underway in Martinez*

## Boating Safety and Education Programs

### Major Functions

The table below describes the major functions of DBW's boating safety and education programs.

BOATING SAFETY AND EDUCATION PROGRAMS	
DESCRIPTION	PURPOSE
<b>Educational Outreach for School-Age Children</b>	Develop and supply boating safety curricula for grades K-12; sponsor statewide poster contest for elementary school students, to encourage aquatic and boating safety messages.
<b>Educational Outreach to General Public</b>	Provide aquatic center grants to universities, colleges, local public and nonprofits to fund classroom and on-the-water safety education, including kayaking, canoeing, sailing, water skiing, power boating, and personal watercraft; review, approve and provide California boating safety courses; at the Tri-State Boating Fair, inform boaters of California, Arizona and Nevada boating safety laws that apply on the Colorado River through media and education outreach; produce and distribute information on safety, equipment, laws, boating trails, waterway maps and clean boating both through printed and online media.
<b>Life Jacket Use</b>	Increase life jacket use through: Wear It California campaign, a media and education program in the Sacramento-San Joaquin Delta; statewide life jacket trade-in program to inspect and replace outgrown and/or unserviceable life jackets; and statewide partnership to supply life jackets for loan for day or weekend use.
<b>Multimedia Safety Campaign</b>	Carry out statewide multimedia campaign to raise boaters' awareness of safety concerns and reduce accidents (e.g., <i>If It's Your Boat, It's Your Responsibility</i> theme).
<b>Boating Accident Statistics</b>	Collect and analyze boating accident reports; develop safety strategies, make recommendations.

## **Activities and Accomplishments**

### **Educational Outreach for School Age Children**

- The AquaSMART Live! program served 200 schools statewide and reached approximately 120,000 school children.
- Nearly 250,000 students receive boating safety education using the *AquaSMART* curricula each year.

### **Educational Outreach to the General Public**

- **Aquatic Centers Safety and Education Grants.** In FY 2008/09, \$948,630 in Aquatic Center grants for aquatic safety and education were awarded to 34 organizations. In FY 2009/10, grants to 38 entities totaled \$1,220,479. University of California campuses, California State University campuses, community colleges, local government and non-profit organizations received grants.
- DBW continued to promote the annual **Tri-State Boating Safety Fair** in partnership with Arizona and Nevada, focusing on the Colorado River system.
- **California Boating Safety Course.** Approximately 60,000 courses with exams were distributed. An estimated 7,800 exams were completed with a passage rate of 90%.
- **Boating Publications.** DBW produced and distributed the annual *ABCs of the California Boating Law* and other boating safety messages and publications.



*Children learn to sail at Lake Merritt in Oakland*

### **Life Jacket Use**

- **Wear It California.** DBW continued public outreach to encourage boaters to use life jackets in the Sacramento-San Joaquin Delta. Since its inception, the campaign has effectively increased life jacket wear rates on the Delta from 6 percent in 2007 to 15 percent in 2009.
- **Statewide Life Jacket Trade-In.** During National Safe Boating Week, DBW hosted and participated in many events and, in partnership with sponsors distributed over 1,000 new, appropriately fitted USCG approved life jackets.



- **Life Jacket Loan Program.** DBW partnered with fire stations, law enforcement agencies and private partners to continue the life jacket loan program.



*Life Jacket Trade-In event during National Safe Boating Week*

### **Multimedia Safety Campaign**

- DBW continued its multimedia boating safety campaign. Research shows that four out of five California boaters have heard DBW's safe boating messages and of those, 36 percent say it has influenced their boating habits. The campaign delivered approximately 340,000 multimedia messages and in-person boater contacts.
- Boating safety messages to anglers were delivered via northern and Southern California angler radio programming.
- DBW continued its successful partnership with Radio Disney to disseminate boating and aquatic safety information through the use of radio, Internet and community events.

### **Boating Accident Statistics**

- DBW collected, analyzed and published boating accident statistics. Accident reports are compiled by calendar year. Totals for 2008 and 2009 are shown in the table below:

<b>REGISTERED VESSELS AND ACCIDENT STATISTICS</b>		
	<b>2008</b>	<b>2009</b>
<b>Registered Vessels</b>	855,290	906,988
<b>Accidents</b>	686	627
<b>Injuries</b>	382	398
<b>Fatalities</b>	48	49
<b>Property Damage</b>	\$5,998,184	\$4,484,105

*Visit DBW's Web site for more detailed 2008 and 2009 boating accident statistics.*

## Boating Environmental Programs

### Major Functions

The table below describes the major functions of DBW's environmental programs.

BOATING ENVIRONMENTAL PROGRAMS	
DESCRIPTION	PURPOSE
<b>Boating Clean and Green Program</b>	Educate boaters about environmentally sound boating practices; both directly and by assisting local boater education efforts and provide technical assistance to marinas and local governments to increase availability of environmental services for boaters.
<b>Quagga/Zebra Mussel Prevention</b>	Produce and deliver information and workshops to help stop the spread of Quagga/Zebra mussels and other aquatic invasive species.
<b>Aquatic Weed Control</b>	Act as lead state agency to cooperate with other agencies in controlling water hyacinth and <i>Egeria densa</i> in the Sacramento-San Joaquin Delta.
<b>Oceanography (Scripps Institution of Oceanography, SIO)</b>	Fund coastal and estuarine oceanography monitoring and study projects to improve boating facility and beach erosion and restoration design, and boating and maritime safety and access. Support climate change data collection and studies. Studies include anti-fouling paints and the Southern California Beach Process Study. Contribute to funding of Coastal Data Information Program (CDIP) efforts to monitor, model, and forecast ocean swell and coastal wave heights using long-term data collection; information used by recreational boaters, commercial fishing and shipping industries, the military, and ocean enthusiasts; develop a beach-change forecasting model in the Southern California Beach Process Study (SCBPS).
<b>Beach Erosion and Restoration</b>	Partner in multi-agency California Coastal Sediment Master Plan effort to develop strategies to achieve best balance of coastal infrastructure protection, beach recreational benefit and environmental protection. Assess economic impact of sea-level rise on California beaches. Provide grants to public entities to plan, design and restore public beaches for protection of habitat, shorelines and recreational and economic benefits by mitigating loss of natural sand supply due to watershed urbanization and damming of rivers.

## Activities and Accomplishments

### ***Boating Clean and Green***

Through the Boating Clean and Green Program (est. 1997), DBW and the California Coastal Commission continued to promote environmentally sound boating. Directly and through partnerships, this program accomplished the following during FY 2008/09 and FY 2009/10:

- Developed and distributed over 100,000 boater education kits statewide.
- Conducted 28 statewide Dockwalker volunteer training sessions. Trained 456 volunteers to conduct face-to-face boater education about clean and safe boating practices.
- Developed a booklet titled “The Environmental Boating Laws Every Recreational Boater Should Know” for clean and safe boating practices.
- Produced a statewide list for boaters and the general public of locations to properly dispose of expired flares.
- Facilitated California Clean Boating Network (CCBN) meetings. CCBN brings together the boating industry, government agencies, and environmental groups.
- Continued producing the northern California insert of the “Changing Tide” newsletter, focusing on new clean boating practices and environmental services for boaters.
- Continued to assist marinas and local governments in identifying the need for and installing pollution prevention services for boaters.
- Updated several resources for boaters, including maps, environmental services information, the Boating Clean and Green Web site, the earth911 Web site, and the 1-800-CLEANUP hotline.
- Partnered with the Boat U.S. Foundation to set up free monofilament fishing line recycling stations. In 2008, 32 monofilament fishing line recycling stations were installed. In 2010 eleven stations were installed. Over 260 pounds of fishing line have been collected since 2009.
- Conducted nine aquatic invasive species workshops (over 280 participants) to help prevent the spread of invasive species in California waterways.
- Partnered with several local entities to deliver boating safety information and pollution prevention services at California marinas and harbors.
- Completed a partnership with Contra Costa County to implement the Keep the Delta Clean Program, including boater education and installation of pollution prevention services at key marinas in the Delta region. To date, the estimated amount of hazardous materials collected is: 12,637 gallons of used oil (not including oil filters and oil absorbents); 7,450 pounds of used oil filters; 5,225 pounds of used oil absorbents; 1,527 pounds of oil absorbent polypropylene fiber recycled; 347 gallons of used oil reclaimed from used oil absorbents; 395 additional gallons of used oil reclaimed from used oil filters; and 1,810 marine engine batteries.
- Partnered with the Radio Disney Team Green in 2010 to provide community events and radio announcements for boaters from April to December with safety tips on how to keep California waterways clean.
- Promoted clean boating practices to spanish speaking boaters.

- Continued participation in the National Oceanic Atmospheric Administration's Seabird Protection Network.
- DBW's Clean and Green Program received a 2008 Boat Owners Association of the United States (Boat U.S.) Environmental Leadership Commendation.
- Joined the new San Francisco Bay Area Marinas and Yacht Clubs Oil Spill Preparedness Working Group.

### ***Quagga/Zebra Mussel Prevention***

- Through its internet Web site, DBW continued to keep boaters informed of waterway restrictions and closures due to Quagga/Zebra mussel containment efforts. This Quagga/Zebra mussel information page received over 6,000 hits between July 1, 2008 and June 30, 2010.
- Continued to educate boaters about the threat of Quagga/Zebra mussels by providing educational materials in news releases, at boat shows, meetings, Dockwalker trainings and in Dockwalker boating kits.

### ***Aquatic Weed Control (Water Hyacinth and Egeria densa)***

- Conducted water hyacinth control across 420 acres of the Sacramento-San Joaquin Delta between April 1 and October 15, 2008 and 704 acres in 2009.
- During the 2009 treatment season, DBW treated 227.8 acres of *Egeria densa*. In 2010 DBW treated 641 acres in Franks Tract, Disappointment Slough and White Slough from April through June.



*DBW aquatic weed control crew treats Disappointment Slough in the Delta*

### ***Oceanography (Scripps Institution of Oceanography)***

- Continued to fund Coastal Data Information Program (CDIP) to monitor, model, and forecast ocean swell and coastal wave heights using long-term data collection; information used by recreational boaters, commercial fishing and shipping industries, the military, and ocean enthusiasts; develop a beach-change forecasting model via the federally funded Southern California Beach Processes Study (SCBPS) of the San Diego region from Dana Point to the Mexican border.
- Undertook a study to determine the effects of copper bottom paints on species in the Shelter Island Boat Basin; fund study with Sea Grant Extension to educate boaters on anti-fouling paint issues.
- Continued support for the Southern California Coastal Ocean Observing System Shore Station Program operated by the SIO. The program exists to gather, archive and publish coastal ocean temperature and salinity data.
- Participated in ongoing research that revealed the recent collapse of the Antarctic Ice Shelf may have been triggered by ocean waves originating along the Pacific coasts of North and South America.
- Continued support of scanning, digitizing, and analyzing seismographic data and relating it to decades-long ocean wave climate changes.
- Partnered in comparing wave data with measured beach changes using Light Detection and Ranging (LiDAR) and GPS surveys to understand physics of beach accretion and erosion; predicted effects of sea-level rise on the California coastline. SCBPS conducts twice per year LiDAR over-flights to show changes in shoreline position and cliff erosion along the Southern California coast.



*Evidence of sea-level rise south of Cardiff State Beach*



### ***Beach Erosion Control and Restoration***

- Continued jointly funding with the U.S. Army Corps of Engineers the Coastal Data Information Program at SIO that gathers, analyzes, models and forecasts wave conditions along the California coast.
- Provided \$18.7 million in funding for studies and projects to restore sand and wildlife habitat at several California public beaches.
- Continued its oversight of two ongoing studies (funded during DBW's 26<sup>th</sup> biennium) of the effects of sea-level rise on California coastal beaches. These studies are being conducted at San Francisco State University and at UC Santa Cruz.
- Continued work on the Coastal Sediment Master Plan to identify and prioritize management needs for coastal erosion, recreational opportunities, dredging and sediment flow through coastal watersheds. In cooperation with the Coastal Sediment Workgroup — comprised of local, state and federal agencies — DBW has funded and completed three Regional Sediment Management plans and has funded project management efforts and various California Coastal Master Plan studies.



*Beach erosion in early 2010 at Cardiff State Beach*

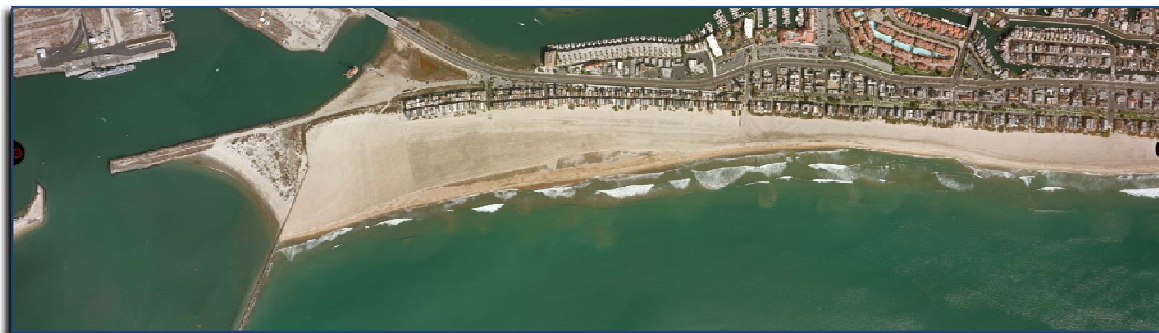
## Surfside-Sunset Beach Restoration Project

*Total Project Amount: \$15 million*

DBW funded the state share (30%) of the Surfside-Sunset Beach Restoration Project (Orange County). The project has a five to six year recurrence interval. Two million cubic yards of beach quality sand are dredged from two to three miles offshore and placed onto the beach to provide coastal shore protection, sand beach habitat restoration, and recreation and tourism benefits for 19 miles of Orange County coastline including Seal Beach, Huntington Beach and Newport Beach.



*Bulldozer (top) and a dredge (above) work to restore beach sand along the Orange County coast*



*Aerial photo of the Surfside Beach restoration area*

## Boating Consumer Protection Programs

### Major Functions

The table below describes DBW's consumer protection programs:

BOATING CONSUMER PROTECTION PROGRAMS	
DESCRIPTION	PURPOSE
<b>Yacht and Ship Brokers Licensing Program</b>	License and regulate yacht brokers and salespersons.
<b>For-Hire Vessel Operator Licensing Program</b>	License and regulate vessel for-hire operators.

### Activities and Accomplishments

- DBW regulated 389 licensed yacht and ship brokers, 28 associate brokers, 648 salespersons, and 66 branch offices.
- DBW regulated nearly 250 licensed for-hire operators; renewed 11 active licenses and issued 35 new licenses issued in FY 2008/09; renewed 12 active licenses and issued 30 new licenses in FY 2009/10.
- *See pages 6 and 7 of this report for more detailed information on Yacht & Ship Brokers Licensing Program activities, including program receipts and expenditures.*





This report can be found online at [www.dbw.ca.gov](http://www.dbw.ca.gov).

*A hard copy can be requested by contacting DBW at [pubinfo@dbw.ca.gov](mailto:pubinfo@dbw.ca.gov) or (916) 263-1331.*