# Boater Waste Education Campaign

#### **GLO Contract # 10-042-00-3738**

#### FINAL REPORT

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#### **Executive Summary**

The Boater Waste Education Campaign (BWEC) addresses the issue of illegal boater waste discharge through targeted outreach and education to boaters. The purpose of the campaign is to decrease the incidence of illegal discharge of boater sewage to the Galveston Bay estuarine system, particularly Clear Lake. Since Clear Lake has the third highest concentration of privately owned marinas in the U.S, educating the public about the proper disposal of boater sewage is critical for the overall health of the ecosystem. The Clear Lake community has shown sincere interest in tackling this environmental issue and has played an instrumental role in the development of the campaign. The work group has successfully developed campaign messages, created marketing materials, and distributed materials in the Clear Lake community through a variety of methods (advertisements, flyers, billboards, etc.). Involved marina owners and managers have been willing to help with all aspects of the campaign and the boaters reached during the events and exhibits have been receptive very to the campaign messages. The Galveston Bay Foundation (GBF) is extremely pleased with the progress that has been made with the campaign since its inception in 2008 through 2011.

Moving forward, GBF will continue to maintain the campaign and the distribution of the campaign message through educational exhibits, printed materials, outdoor advertisement and direct educational materials to boaters. Additionally, by talking to marinas, fuel stations, and even local restaurants, GBF would like to try to increase the number of pumpouts in the Galveston Bay region, including Clear Lake. GBF hopes to also recruit local governments in the Clear Lake area to participate in the campaign. With local government support and potentially local enforcement officers, boaters may have further opportunities (additional locally-run pumpouts) as well as increased enforcement-pressure (written warning and/or tickets) to do the right thing. Furthermore, increased enforcement of the "No Discharge" law in Clear Lake by is a campaign goal through the continued communication with Texas Parks and Wildlife and local governments. GBF Finally, the campaign will be moved into new media through radio and television advertisements—we want to focus on educating the boaters as well as the community at large. Water quality should be a concern for all Bay users.

#### **Project Description**

The Boater Waste Education Campaign addresses the issue of illegal boater waste discharge into Texas' coastal water through targeted outreach, media, and education strategies. GBF has developed a boater waste education campaign targeted at the Clear Lake boating community that is also applicable to Galveston Bay users as a whole. The purpose of the campaign is to decrease the incidence of illegal discharge of boater sewage waste to the entire Galveston Bay estuarine system, particularly Clear Lake that has the third highest concentration of privately-owned marinas in the U.S.

The BWEC emphasizes (1) environmental harm caused by raw sewage and (2) how boaters can properly dispose of their waste. The campaign has involved the development of social marketing messages suitable for, but not limited to, personal communications via presentations and exhibits, print advertisements, billboards, marketing and promotional materials, and social media. GBF primarily focuses on communicating the message directly to boaters and marinas and secondarily educates the general public about the water quality concern. Direct outreach to boaters has been achieved by contacting marinas to arrange special events, presentations, and/or exhibits where boaters will be exposed to the campaign message. As part of the initiative, boaters and marinas have been encouraged to join the Clean Texas Marina and Clean Boater Programs. Marinas have also been encouraged to seek funding through the Clean Vessel Act Program to construct, renovate, or replace pump-out stations. Outreach programs have proved to be effective in the past, but there is a need for a strong campaign in the Clear Lake area to reach new boaters and reawaken awareness of the issue. Furthermore, the use of printed ads and outdoor advertisement has helped spread the campaign message to the entire Clear Lake community. GBF has directed the development and distribution of the message with the advice of a workgroup comprised of stakeholders from GBEP, TCEQ, Clean Texas Marina Program, Clear Lake Marina Association, and other interested groups. To complement the education and outreach component of the project, GBF has been working with regulatory entities to increase enforcement of the relevant statutes.

#### Task 1: Convene working group

A working group was convened that consisted of representatives from the Galveston Bay Estuary Program, Clean Marina Program, Clear Lake Marina Association, Texas Parks and Wildlife, and other relevant, bay-area groups. The working group was originally formed under a Galveston Bay Estuary Program grant beginning in 2007. The committee members were solicited in the fall of 2007; the original invitation sent to bay area entities predated the beginning of this grant cycle. The active working group was formed to develop and execute the campaign. **Attachment A** includes a list of the participating individuals.

The working group members contributed to the project in different ways. The Texas Clean Marina Association was initially instrumental in providing sample brochures and signage for the original pamphlets. Additionally, the Texas Clean Marina Association has been pivotal in providing experience and guidance throughout the campaign. The Clear Lake Marina Association consistently plays an important role in facilitating communication between the working group and Clear Lake marinas and the boating community as a whole.

The working group under the Galveston Bay Estuary Program grant was a group of 23 partners from Clear Lake marinas, local government, county departments, state agencies, boating industry, local corporations, and marina associations. This committee started meeting on the third

Wednesday of every month from January 2008-June 2008. The current committee has grown from 23 members to 47 members, and interested citizens, unaffiliated with aforementioned groups, have joined the cause. From June 2008 through May 2009, the working group did much of its communication through email and phone calls. In June 2009, the working group begin meeting the last week of the month, which has continued through May 2010. From July 2010 to June 2011, the committee has met regularly, but not monthly. Many of the active members of the committee have been participating in the BWEC workgroup for years; while they understand the importance of the work, many cannot dedicate a night every month. To accommodate their schedules, meeting dates were discussed at committee meetings, and the next meeting was selected based on the greatest number of people who were able to attend for a selected date. The meeting schedule is included in **Attachment B.** 

#### Task 2. Develop marketing and outreach materials

The working group came to the conclusion early on that the campaign could not be a scare-tactic campaign. By mentioning the diseases that could result from sewage being pumped improperly into the water, the working group feared that people would be scared away from the Clear Lake and Galveston Bay. Instead, the working group decided that the campaign should focus on a positive message about how to properly dispose of waste. The education of the boating community, as well as the community as a whole, has been the primary focus of the campaign marketing materials. The working group assisted in the development of marketing and outreach materials that outlined the key messages and concepts essential to the campaign: how boaters can properly dispose of their waste as well as the potential environmental harm caused by raw sewage.

Under the original Galveston Bay Estuary Program grant, the Kemah Portal and Jenobi, Inc. provided graphic design artwork for the marketing materials, including the *Pump It Don't Dump It* logo. In March of 2010, Jenobi updated the logo to *Pump Don't Dump* because a marketing firm Image Resources, who is donating time and experience to the campaign, recommended shortening it to a three word phrase, since it statistically has more of an impact. Additionally, a for-profit company had informed GBF that the *Pump It Don't Dump It* phrase was copyrighted; continued use of the phrase by Boater Waste Education Campaign may infringe on the rights of the company. The original *Pump It Don't Dump It* logo and the new *Pump Don't Dump* logo can be found in **Attachment C**.

Early in the campaign, the campaign focused on billboard advertisements and educational pamphlets. There have been two different styles of billboards. The *Keep Boater Sewage Out of Galveston Bay* Billboard – **Attachment D** – was run at the intersection of Highway 146 and FM 2094. This location is near many of Clear Lake's marinas and boating population and the advertisements were intended for the boating community. The second billboard design

Attachment. E, was created by the Cohen Group Advertising, an advertising firm that GBF consulted for the campaign. This second billboard design has a clear message that is aimed at the entire community. Located directly along I-45 north of Dixie Farm Road, the simple boat image and the clear message is visible to all the commuter traffic heading south, either on the way down to enjoy Clear Lake or Galveston Island or on the daily commute to or from Houston. This billboard began in May 2010 and continued through July 2010. In August of 2010, GBF wanted to update billboard at the intersection of Highway 46 and FM 2094—since a billboard that looks the same for too long may no longer draw people's attention. GBF had the Cohen Group Advertising fit the design to this new size billboard, Attachment E. The new vinyl was put on September 4, 2010. Finally, for the summer 2011 boating season, Cohen Group Advertising was again contracted to redesign the billboard at 1-45(just north of Dixie Farm road and a new billboard on Highway 146 (north of FM 646 in Bacliff). The design stayed consistent with the first design from the Cohen Group Advertising billboard campaign, but the boat was changed and the background was changed to a sunset, in order to add color (See Attachment F).

Since 2010, GBF staff and BWEC workgroup members have been distributing both. *Boater Waste Mailing Insert*, **Attachment G** and *Boater Waste Surveys*, to Clear Lake marinas and marina managers were encouraged to include information about the program in their monthly billings to their tenants. Most Clear Lake marinas have been willing to participate in this program—an active part of the campaign that directly reaches the boaters. The *Boater Waste Survey* has a corresponding online survey located at <a href="http://www.surveymonkey.com/s/KJDTT3J">http://www.surveymonkey.com/s/KJDTT3J</a>. Over 5,000 mailing inserts and 4,000 surveys have been handed out to date. The survey was created by the working group to try to get feedback from the boaters—why they do or do not use the pumpout facilities. A copy of the survey can be found in **Attachment H**. The responses received from these surveys will help the working group determine the direction and focus of the campaign in the future.

In order to reach people who enjoy to local, water-front restaurants, the committee came up with a creative solution: disposal coasters. The concept for the coasters was created by GBF staff members. From there, a graphic designer donated time and resources to help create a design. After an initial consultation, the designer conducted research on how best to convey our vision and grab people's attention—since the patrons will be dining and not necessarily focused on their coaster. The designer came up with the idea of having one side as a map since maps are very eye catching. The designer created an initial design and then did a number of redesigns to please the committee. The final design can be found in **Attachment I**. To accommodate the restaurants in the area 30,000 coasters were order for just under \$4,000. All 30,000 coasters have been distributed to restaurants along (or near) the water in Clear Lake and in Galveston. The coasters were so popular with the local restaurants, GBF is currently working on redesigning one side (to keep the coasters new and exciting), and beginning distribution throughout the next grant cycle.

The working group also wanted to create advertisements for use in local magazines and for events focused on boaters. Multiple advertisements were created for the campaign: *Keep Our Waters Clean* advertisements (**Attachment J**) and *Thank You Marinas* advertisements

(Attachment K). Both advertisements were created to match the mailing inserts that were created for the campaign. The Keep Our Waters Clean advertisement was made to send the message of the campaign: The Facts, What To Do, and Where To Go. By keeping the information simple and clear, the work group was hoping to grab audiences. The *Keep Out Waters Clean* was placed in boat show programs including: Houston Boat Show program for January 2010 and June 2010 and the South West International Boat Show in April 2010 (see **Attachment L**) and was only modified to list GBF's booth number, so show-goers would visit the Pump Don't Dump booth. At both shows, the full-page advertisement was placed either directly in front of or directly behind the boat show floor-map, in the middle section of the program. A Thank You Marinas advertisement was also created to publically thank the marinas who have pumpout stations, both public and private. The working group wanted to recognize the extra effort on the part of responsible marinas in addition to giving them the benefit of free advertizing. This *Thank* You Marinas advertisement was placed in Telltales magazine for the months of May and June 2010. A new ad design was created by the Cohen Group Advertising to make our ads more consistent with the billboard campaign. Attachment M is the newest ad created. This new print ad has been used in Texas Fish and Game magazine -Coastal Edition in March through May 2011 and will be used in Lonestar Outdoor News for July and September 2011. A similar advertisement (only slightly modified) was placed in the Houston Community Newspapers – Bay Area Citizen on January 20, and January 27, 2011 (Attachment N). The Bay Area Citizen started a new boating section in its Thursday publications. The work group decided that having a presence in that section in its introductory editions would be important for the campaign.

To reach new boaters, the working group started working with the yacht brokers. Realizing that new boaters may not know what to do with their boater sewage, the working group approached the yacht brokers with a simple proposal: placing a small advertisement on the yachts up for sale to get the information directly to the new boating public. On September 3, 2009, two members of the working group gave a presentation at the monthly meeting of the Gulf Coast Yacht Broker's Association. The yacht brokers were very receptive; they want to make sure that the waters of Clear Lake and Galveston Bay stay beautiful, so their businesses stay lucrative. Therefore, a No Discharge Zone Head sticker, Attachment O, was created, again with the consistent look of the other Pump Don't Dump materials. The message and design of the sticker was concise: "You have purchased this vessel in a No Discharge Zone. Please pump-out boater sewage at an approved facility. For more information, please contact GBF: (281) 332-3381, www.galvbay.org." In addition to the stickers, the working group was concerned that the yacht brokers may be unwilling to place light-adhesive stickers on their boats, so No Discharge Zone static clings, also Attachment O, were created to attach to a boat's bathroom mirror. A GBD staff member and a member of the committee returned to the Gulf Coast Yacht Brokers' Association meeting on March 3, 2011 with the head stickers and clings. The presenters also gave the yacht brokers the option to have pre-made packets, filled with information on pumpouts made by both this campaign and Sea Grant Texas pamphlets including: BWEC's mailing insert, two coaters, boater waste survey, GBF's general description pamphlet and volunteers opportunities (to recruit more volunteers to participate in exhibits), and Sea

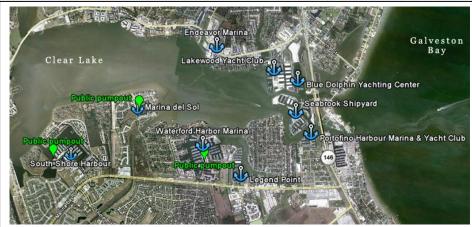
Grant's *Here's the Scoop on Poop.....Don't Pollute!*" and the laminated *Clean Boating Tips*. Originally, the bags used to hold all of the pamphlets were donated by Clean Marinas program; they were clear, plastic bags with Clean Boating tips for Clear Lake. The packets were so popular with the yacht brokers (to give to their patrons as well as at boating events), the work group is working on created new bags. This time, we would like to make recycled, paper bags.

Besides educational materials, the Boater Waste Education Campaign also created promotional items to grab people's attention and to create a take-home reminder for the public. In January 2010 before the Houston Boat Show, 2000 *Pump It Don't Dump It* koozie were created, as seen in **Attachment P**. The koozies were given out at educational booths like the Houston Boat Show. These items were some of the most popular items, and lead to great success at drawing people's attention, bringing them over to an educational display, and keeping their attention long enough to explain our campaign and purpose. GBF has gotten positive feedback from people and confirmation that they had visited their website after receiving a koozie at an event. Since they were so effective, 3000 additional koozies were ordered for the summer boating season, education booths, and for events like the Houston Boat Show, the Houston Fishing Show, and a Galveston Bay Foundation benefit event called Redfish Raftup. The second order of koozies was made with the new *Pump Don't Dump* logo with the same design and color scheme as the original. A third order of koozies was made in May 2011. Three thousands koozies, made out of recycled material, were ordered. Even though they were made from recycled material, they actually cost \$0.01 less than the last set we ordered!

Another promotional item that was created for the campaign were Pump It – Don't Dump It tshirt as seen in **Attachment Q**. The shirts were created with the intention of having a simple, attractive shirt that would relay the message to boaters from fellow boaters (wearing the shirt) within the boating community. The shirts are long-sleeved, navy t-shirts that have the Pump It – Don't Dump It logo in all white. While long sleeved shirts may not see as useful during the summer months, the work group knew that boaters would wear a quality long-sleeved shirt throughout the year, either because of the cold weather in fall and winter or to keep the sun off their arms in the spring and summer. The members of the working group were all given a shirt. Additionally, marina managers who participate in the Pump Don't Dump campaign are offered a shirt. Finally, volunteers who regularly support the campaign's efforts, wear the shirt to education booths and boating events.

The BWEC online campaign was updated and improved. Prior to the CMP funding, the BWEC website created with a Galveston Bay Estuary Program grant merely explained the campaign and its goals and had PDF downloads of the original educational information produced under the Galveston Bay Estuary Program grant as well as Texas Clean Marina Association educational

materials. The funding from this grant took the available web information and education to a new level. The campaign website, www.galvbay.org/e ducation\_boaterwas te.html, was overhauled to have a clean look with easy to find information. Now,



**Figure 1** *Clear Lake Pumpout Facilities* map on the Boater Waste Education Campaign website.

the page has a Clear Lake Pumpout Facilities map

(www.galvbay.org/images/pumpout%20map.jpg) that plainly shows the locations of the pumpout facilities around Clear Lake. Short videos were shot, edited. and uploaded to youtube.com, with links and icons (see Figure 2, 3, and 4) on the campaign's webpage. The first video created *How to Pumpout Your Boat* online video, located at www.galvbay.org/education\_boaterwaste.html. This 3 minute and 30 second video gives basic information about how a boat owner can use a

self-serve pump-out facility. GBF staff shot this video with assistance from both mobile pumpout companies, Maritime Sanitation and Bay Area Sanitation Engineering, as well as multiple marinas. This video was also made into a DVD that could be handed out at marinas and at education booths. The DVD also includes a short video of GBF's president Bob Stokes explaining the **Boater Waste Education** Campaign and why properly pumping out vessels is important.



**Figure 2 Online Video: How To**The *How to Pumpout Your Boat* online video can be found online at www.galvb av.org/education boaterwaste.html.

Since each marina has a different pumpout system, the working group extended an invitation to most Clear Lake marinas to create individual marina's pumpout videos. Two marinas and both mobile marine sanitation companies agreed to work with GBF staff to create videos. The marina managers were interviewed giving the specific information about their marina's pumpout



Figure 3 Public Pumpouts Videos

The *Pump Don't Dum: Marina Del Sol (above)* online video can be found online at www.youtu be.com/user/GBay Foundation# p/a/u/0/g06OS0zTjzo. The second video icon. *Pump Don't Dump: SouthShore Harbour* is the link on the Boater Waste Education Campaign website that sends viewer to www.you tube.com/user/GBayFoundation#p/a/u/2/Kp-DV\_IMerE .

facilities. On the video, a map highlighted with the pumpout location also gives the GPS coordinates of each pumpout facility. The videos also include the pumpout process at each marina, telephone numbers, and why pumping out is important to each representative. The videos for the mobile pumpout companies are very similar with the addition of explaining their convenient services. The campaign included the mobile pumpout companies' videos because their services are a very popular option for the boaters on Clear Lake and in Galveston Bay. Additionally, the mobile pumpout companies have been very helpful members of the campaign always willing to assist the committee and promote clean water.



Figure 4
Mobile Pumpouts Videos

On the Boater Waste Education Campaign website, there are two mobile pumpout videos: *Pump Don't Dump: (Pump Don't Dump: Maritime Sanitation* (www.youtube.com/user/GBayFoundation#p/a/u/1/Px v\_56OLk80).

Since online advertising is becoming more and more important, the BWEC was expanded to include an online effort. In addition to the campaign website, the work group has made an effort to increase the online advertisements. Wiredin.cc is a local website that gives details on events and issues affecting Clear Lake area. The BWEC has a campaign page on wiredin.cc in the "Talk of the Bay" section. In 2010, GBF's President Bob Stokes was interviewed about Pump Don't Dump. Beyond wiredin.cc, website, banner ads were donated by Texas Fish and Games, a \$2,400 dollar value. Small ads (see **Attachment R**) were listed at the bottom of the Hot Spots section on their Galveston Bay pages found at www.fishgame.com/dzhotspots/dzhotspotsmainx21.php. These donated ads run from September 2010 to September 2011. In 2011 GBF started advertising with 2coolfishing.com, which is a local fishing website that is well known by fishermen and boaters in the area. BEWC advertised with an online banner ad from April 2011 through June 2011 (See **Attachment S**).

#### Task 3. Develop outreach schedule and distribution plan

The committee routinely discussed various ways to promote the concepts of the Boater Waste Education at meetings. The working group contacted marinas and popular boating events (i.e., Houston Boat Show) to schedule outreach presentations and booth displays. All of the materials listed in Task 2 were made available to work group members who worked to distribute them throughout the Clear Lake area. Furthermore, Galveston Bay Foundation representatives have hosted education exhibits throughout the Clear Lake area to ensure one-on-one interaction with boaters. Education exhibits include copies of printed materials mentioned above (brochures, koozies, and display), a mock-up pump-out station, an opportunity to sign-up to receive more information about sewage discharge and boater training, and other relevant literature provided by Texas Sea Grant and the Texas Clean Marina Association. Please see Attachment T for a list of these events. A total of 10,000 mailing inserts—also used as flyers at events—(Attachment G), 8,500 surveys (Attachment H), and 8,000 koozies (Attachments P) were printed for distribution at these events. GBF worked with the Clean Texas Marina Program during Boater Waste Education campaign events. GBF was pleased with the number of volunteers that continually signs up to help with education booths (Attachment T). More than 40 individuals volunteered to help teach the public during that same time frame. Since the Boater Waste Education Campaign mostly focused on large, community events, a tally of attendance was unable to be gathered. However, over 20 people joined the Boater Waste Education Campaign work group in 2009, 42 volunteers assisted at Boater Waste Education Campaign events this cycle, nearly all of the Clear Lake marinas have been contacted and GBF staff has begun contacting marinas bay-wide. Thousands of flyers, mailing inserts, and surveys have been given out.

The distribution of the campaign coaster has been eased by GBF hiring a BWEC intern: Elizabeth Kompanik. Ms. Kompanik contacted many Clear Lake area, on-the-water restaurants as well as many well known restaurants in Galveston. Almost all of the 30,000 coasters ordered during CMP grant cycle 13 have been distributed to area restaurants. Multiple restaurants routinely run out of coasters and request additional. Currently, GBF staff is working with the original coaster designer to make a new coaster (only changing one side) to try to reengage restaurants and patrons.

Throughout the grant cycle, GBF has promoted the campaign in boat show event programs, Telltales Magazine, Texas Fish & Game Magazine, Texas Lakes and Bays, Bay Area Citizen, and the *GBF Gazette*; on the campaign webpage web page (www.galvbay.org/education\_boaterwaste.html); displaying online articles at wiredin.cc (www.wiredin.cc/green\_thing/); as well as sending education booth emails to colleagues, members, and partners. A complete list of our media outlets can be found in **Attachment V.** ON June 24, 2011, a Press Release, written by Ms. Kompanik, was distributed to the media contact list was picked up by the Friendswood Journal (www.yourhoustonnews.com/bay area/opinion/article fa5a8825-45b8-5ced-98b8-

1da834527615.html) as well as posted on the Houston Sierra Club's website Additionally, the working group consulted with a marketing specialist, Image Resources, to create a campaign television and radio ads. Currently, the media ads are in the final stages.

Since this *How to Pumpout Your Vessel* DVD gives viewers a clear idea of the pumpout process, GBF has approached many local cities to see if any would be willing to show the Pump Don't Dump video on their local city's cable-access channel. We have gotten great feedback! Currently the cities of Houston, Nassau Bay and Baytown are playing the educational video and will run it through the end of summer (June 2011 through September 2011). The cities of LaPorte, Pearland, Galveston and League City are reviewing the video—potentially willing to show their residents.

#### **Additional Results**

In 2008, the work group members met with local government representatives from the City of Houston and City of Seabrook to discuss the enforcement aspect of the issue. The representatives expressed significant support and interest in the project. Work group members also met with Sergeant Johnny Longoria to discuss involvement of Texas Parks and Wildlife and increase in enforcement of dumping statutes. In 2009, work group members met with the mayor of Seabrook to ascertain the willingness of local government participation in increasing pumpout facilities. The local governments are open to helping with the project; communication is ongoing.

GBF's 2009 summer legal intern conducted a thorough review of the laws and regulations surrounding the issue of illegal dumping. This information will be useful in advocating for the strengthening of Texas' current regulations and will aid the work group in determining how to proceed with the legislative and/or enforcement aspect of the project.

In 2010, GBF's summer legal intern worked on the issue of enforcement. There are many impediments to enforcement of individual, illegal, boater sewage waste discharges. First, locals do not know who to call (TCEQ, local police, NOAA, GBF, etc.). When the caller finally finds someone to respond, it is too late—the discharge has dispersed. GBF has been working closely with the TCEQ to try to clarify what to tell local boaters as well as pinpoint whom, exactly, it would be best to call. GBF has also been in contact with TPWD, local Game Wardens, Coastal Guard Auxiliary, and local governments. Since many of these departments are struggling financially—going through lay-offs, no longer allowing over-time, etc.—spending additional time patrolling marinas on foot or by boat is not a priority. However, with additional discussion from GBF, TCEQ, and others, state and local authorities are becoming more willing to actively enforce the state laws.

#### **Conclusions and Lessons Learned**

The Boater Waste Education Campaign addresses the issue of illegal boater waste discharge through targeted outreach and education to boaters in the Clear Lake area. The campaign was very well received in the Clear Lake community. GBF was pleased with the progress that was made with the campaign in 2008, 2009, 2010, and thus far in 2011. The BWEC plans to continue coming up with new and exciting ways to reach the public.

As shown by the number and diversity of work group members (**Attachment A**), GBF had no problem recruiting stakeholders to form part of the work group committee. The Clear Lake community showed sincere interest in tackling this environmental issue. Marina owners and managers who became involved in the project were willing to help with all aspects: sending flyers and questionnaires to their tenants, participating in the work group, and helping with education displays. Work group committee members contributed to the project in different ways: the Texas Clean Marina Association was instrumental in providing sample brochures and signage and keeping the committee updated with impacts from the legislations changes from Senate Bill 2445. The Kemah Portal and Jenobi, Inc. provided graphic design artwork for the marketing materials. The Clear Texas Marina Association played an important role in facilitating communication between the work group and Clear Lake marinas. Boaters reached during the events and exhibits were also very supportive of the project: they were willing to learn about the issue, requested additional information and commented on the importance of the campaign. Overall, GBF believes the campaign is highly valued in the Clear Lake community.

The work group faced several challenges during execution of the project. One of the main obstacles faced during the development of the campaign was the lack of pumpouts on Clear Lake. To address this issue, GBF began meeting with marina managers one-on-one meetings with marina managers. At these meetings, work group members tried to educate marina managers about the issue and the current regulations and consequences, and will provide feasible alternatives (i.e. educate them on the funding available to pay for the installation and maintenance of pump-out station and the services provide by Maritime Sanitation). However, many marina owners and managers do not feel that it is the marinas' responsibility to offer pumpouts as an option, but rather insist that pumpouts should be located on local government property or at fuel stations. During the next grant cycle, GBF will focus energy to getting a pumpout on local fuel docks as well as possible local government support. Additionally, Image Resources, a Houston-based marketing firm, agreed to help GBF with the Boater Waste Education Campaign, and potentially donate time to the project. Unfortunately, due to the fact that the time is being donated, there have been many delays in printing materials and garnering billboard advertisements. While, the products that were received were very high-quality and substantially cheaper than the contracts GBF had made in the past, there were significant delays.

#### **Continued Goals**

During the next grant cycle, GBF and the work group hopes to evolve and expand the campaign. First, the committee would like to maintain the distribution of the campaign message through printed and outdoor advertisement and through direct mailings to boaters. Overall, Galveston Bay Foundation concludes that repeating the message directly to boaters (through the mailing of flyers directly to tenants, signage at marinas, and billboards) is a very effective way of communicating the campaign message. Directly reaching the public is pivotal in the goals of the campaign. GBF is excited to expand focus of the campaign from printed materials to include television and radio spots. GBF will be further working with Image Resources to create the radio and television campaigns.

Further, GBF would like to increase the involvement of marinas not currently involved with the campaign as well as increase the number of pumpout stations. Increasing the number of pumpouts would give citizens a fair opportunity to 'do the right thing'. Currently, GBF is trying to encourage a restaurant in Galveston, Boudreaux On The Bayou, to add a pumpout: station. Additionally, GBF plans to reengage a number Clear Lake restaurants, fuel stations and marinas to encourage additional pumpouts. Finally, working with local cities along Clear Lake, GBF will encourage 'ownership of the water'—trying to get local governments to pass ordinances about water quality and pumping out. An overreaching goal of the campaign is to increase the number of pumpouts on Clear Lake—potentially with the help of Texas Parks and Wildlife and local government entities. A local government might even consider maintaining a pumpout station! For people to take the "No Discharge" law in Clear Lake more seriously, the committee will try to find ways to increase local enforcement by continuing communication with local governments, TPWD and TCEQ

# $Attachment \ A-Working \ Group \ List$

# **Boater Waste Education Campaign Work Group**

LAST	FIRST	ORGANIZATION	Affiliation
Anders	Tiffany	Galveston Bay Foundation	GBF
Cordes	Joan	Lakewood Yacht Club	CL MA
Coker	Cindy		General Public
Davis	Mel	Kemah Portal	General Public
Demmeck	Emily	Galveston Bay Foundation	GBF
Dionne	Russ		General Public
Ellis	Shayne	Houston Safe Boating Council	Partner
Fannin	Paul		Boating Industry
Fosdick	Raymond	Bay Area Sanitation Engineering	Boating Industry
Gale	Terri Staton	CSC Chemical, Energy and Natural Resources Group	General Public
Gammill	Steve	Green Marinas,	General Public
Gernhardt	Lori	Gulf Coast Waste Disposal	Partner
Greul	Brian	Texas Shirt Company	General Public
Guillen	George	UHCL	Partner
Hall	Lynda	Clear Lake Marina Association	CLMA
Hollin	Dewayne	Clean Texas Marina, TAMU	Partner
Johnson	Casey	TMDL Project Manager	Partner
Johnson	Steven	GBEP	Partner
Jones	Scott	Galveston Bay Foundation	GBF
Kropf	Philip	TMCA - Past Commodor	CLMA
Longoria	Johnny	TPWD	Partner
Lyon	Jim	Maritime Sanitation, Inc.	Boating Industry
Massey	Julie	Galveston County Marine Extension	Partner
Masterson	Carl	H-GAC	Partner
McCauley	Ericka	Galveston Bay Estuary Program	Partner
McKinley	Gena	H-GAC	Partner
McVicker	Autie	Maritime Sanitation, Inc.	Boating Industry
McVicker	Trace	Maritime Sanitation, Inc.  Boating Industry	
Meryer	Andrea	General Public	

# Attachment A – Working Group List

Meryer	Thomas		General Public
Miller	Ken	TCEQ Region 12	Partner
Miller-Marshall	Lisa	Galveston Bay Foundation	GBF
Mintzer	Julie	Galveston Bay Foundation	GBF Project Manager
Moses	Dale	Grayson County TPWD	
Murphy	Jack	City of League City	Partner
Noan	Chuck	TCEQ Clean Water Sticker Program	Partner
Paige	Helen	Marina Bay Harbor	Chair
Schultz	Ronnie	Galveston County Health District	Partner
Silvers	Garson	El Lago Marina	Marina
Sowert	Richard		General Public
Steffan	Phil	TPWD Dickinson office	Partner
Stewart	Marie		
Stokes	Bob	Galveston Bay Foundation	GBF
Tipton	Hilde		Public
Tucker	Cheryl	Watergate Yachting Center	Marina
Tuma	Scott	City of League City	Partner
Van Zandt	Beverly	Higgins, Smythe & Hood Yachts	GBF Board
Wright	Jean	Houston-Galvesotn Area Committee	Partner

# Attachment B – Working Group Meeting Schedule

# **Work Group Meeting Schedule**

CMP cycle	Date	Location	Time	Notes
13/14	November 4, 2009	GBF Office		Attended
13/14	December 16, 2009	GBF Office		Attended
13/14	January 27, 2010	GBF Office	5:30pm	Attended
13/14	February 24, 2010	GBF Office	5:30pm	Attended
13/14	March 31, 2010	GBF Office	5:30pm	Attended
13/14	April 28, 2010	GBF Office	5:30pm	Attended
13/14	May 26, 2010	GBF Office	5:30pm	Attended
14	July 8, 2010	GBF Office	5:30pm	Attended
14	September 1, 2010	GBF Office	5:30pm	Attended
14	October 7, 2010	GBF Office	5:30pm	Attended
14/15	November 3, 2010	GBF Office	5:30pm	Canceled
14/15	December 8, 2010	GBF Office	5:30pm	Canceled
14/15	January 13, 2011	GBF Office	5:30pm	Attended
14/15	March 2, 2011	GBF Office	5:30pm	Canceled
				No (non-GBF)
				workgroup members
14/15	April 6, 2011	GBF Office	5:30pm	showed

#### Attachment C - Campaign Logos

Original logo:



#### Current logo:



#### Attachment D - Billboard, Keeping Galveston Bay Clean

Location at Highway 146 and FM 2094, Kemah Texas



# Attachment E – Billboard, Pump Don't Dump

#### Billboard design:



Billboard: Location at Highway 146 and FM 2094, Kemah, Texas



# Attachment F – Billboard, Pump Don't Dump, design 2

Billboard: I-45, North of Dixie Farm Rd.; South of Beltway 8 – Houston



Billboard: Hwy 146, North of FM 646 - Bacliff



#### Attachment G - Mailing Insert



www.galvbay.org

#### Restrictions

Untreated boater sewage may NEVER be discharged into Texas waters inside 3 miles of the Gulf Coast. It is illegal to discharge untreated waste into Galveston Ray.

Bay.
Clear Lake is a federally-designated 'No Discharge Zone'. It is illegal to discharge both treated AND untreated sewage into Clear Lake.

In order to properly dispose of boater waste, you must use an approved pumpout device, station, or service.

#### **Pump-out Locations:**

Endeavour Marina (832) 864-4000
 Marina Del Sol (281) 334-3909
 South Shore Harbor (281) 334-0515
 Waterford Harbor Marina (281) 332-4440

#### **Mobile Pump-out Services:**

• Maritime Sanitation (281) 334-5978
• Bay Area Sanitation Engineering (BASE) (713) 893-0187

# This pamphlet was created by the Galveston Bay Foundation.

The mission of the Galveston Bay Foundation is to preserve, protect and enhance the natural resources of the Galveston Bay estuarine system and its tributaries for present users and for posterity.

For more information, please contact the Galveston Bay Foundation: 281.332.3381 • www.galvbay.org

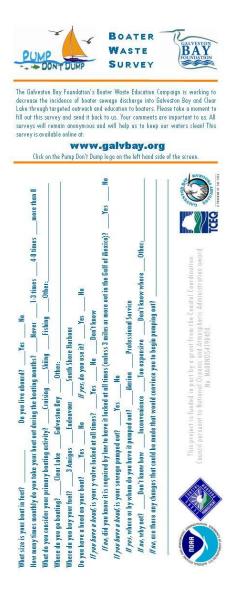






This project is funded in part by a grant from the Coasta Coordination Council pursuant to National Oceanic and Atmospheric Administration award No. NA08NOS4190458

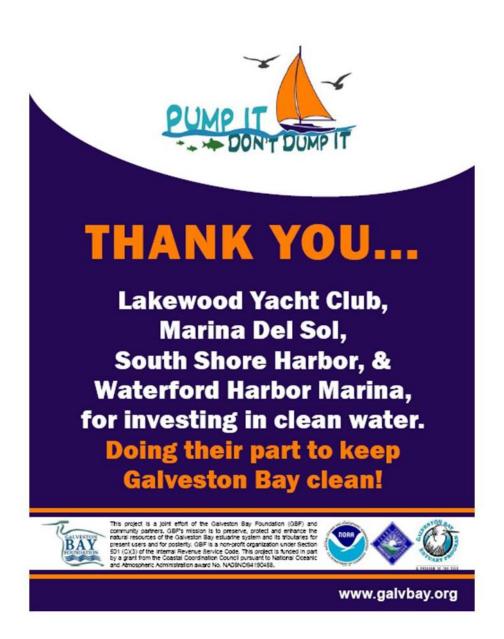
## Attachment H - Mailing Survey



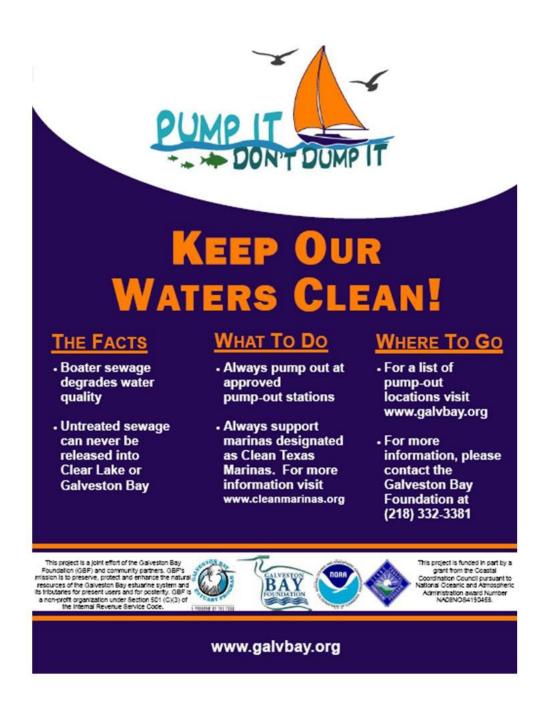
# Attachment I – Coaster Design



Attachment J - Advertisement, Thank You



#### Attachment K - Advertisement, Keep Water Clean



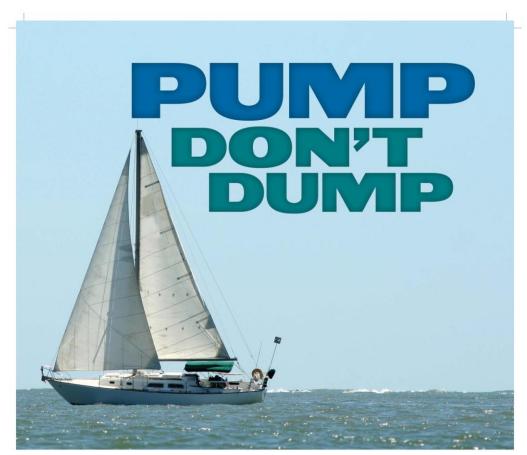
#### Attachment L - Advertisement, Programs



Come visit us at Booth 159!

www.galvbay.org

#### Attachment M - Advertisement, Updated 2011



# Help keep Galveston Bay and Clear Lake water clean.

**Always** use approved pump-out stations to discharge boater sewage. **Never** discharge waste into the water.

Disease-causing microorganisms in boater sewage can render waters unsuitable for swimming and recreational use and can cause fish kills.

Remember, it is illegal to discharge boat waste into Galveston Bay or Clear Lake. To find the locations of approved pump-out stations, visit galvbay.org. Please help keep our waters clean.



17330 Highway 3, Webster, TX 77598 • 281-332-338







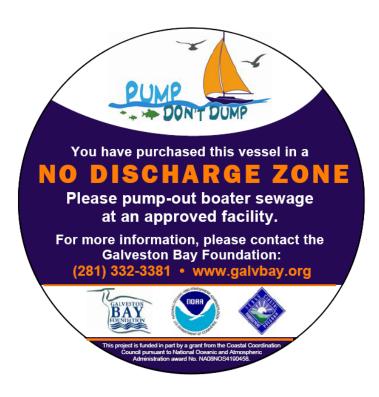
www.galvbay.org

This project is funded in part by a grant from the Coastal Coordination Council pursuant to National Oceanic and Almospheric Administration award Number 10-042-000-3738.

#### Attachment N – Advertisement, Bay Area Citizen



## Attachment O – Head Sticker and Cling Design



## Attachment P - Koozies

Koozie ordered in 2010



Koozie reordered in 2011







# $Attachment \ Q-T\text{-}shirt \ Design$



#### Attachment R – Texas Fish and Game Online Banner



# Attachment S – 2coolfishing.com Online Banner



# **Attachment T – List of Distribution Events**

Grant	Date	Event	Location	Representative	Vol#
CMP 10-		Gulf Coast		Guadalupe De La	
042-000-	7/31/2010 -	Waterfowl	Pasadena	Rosa, Julie Mintzer,	
3730	8/1/2010	Expo	Convention Center	Tiffan Wong	1
CMP 10-				Emily Demmeck, Bob	
042-000-		Redfish Raft-		Stokes, Matt Singer,	
3731	8/5/2011	up	Redfish Island	Juli Kerker	0
				Julie Mintzer, Pam	
				Domingue, Tony Ruiz,	
				Thomas Wojcik,	
				Winston Lewis, Jimmy	
				Menas, Erin Widower,	
				Mike Morrow, Joshua	
CMP 10-		South West		Hopper, Mary Phillips,	
042-000-	9/23-	International	South Shore	Nick Dias, Patty Dias,	
3732	26/2010	Boat Show	Harbour Marina	Tiffany Anders	11
CMP 10-				Erin Weidower,	
042-000-		Houston	Emile St.	Rhonda Wolfe and	
3733	10/16/2010	GreenFest	Community Farm	Daughter	3
CMP 10-					
042-000-	10/16-	Bike Around	Moody Gardens,	GBF staff and	
3734	17/2010	the Bay	Houston Raceway	volunteers	3
CMP 10-					
042-000-		UTMB SECC	University of Texas		
3735	10/27/2010	Agency Fair	Medical Branch	Julie Mintzer	0
				Julie Mintzer,	
				Courtney Smith, Lisa	
CMP 10-				Miller Marshall, Matt	
042-000-		GBF Quarterly		Singer, Emily	
3736	11/4/2010	Meeting	Brady's Landing	Demmeck	0
CMP 10-					
042-000-	11/13-	RAE	Galveston Island	GBF staff and	
3737	17/2010	Conference	Convention Center	volunteers	0
CMP 10-					
042-000-	1/7-	Houston Boat			
3738	16/2011	Show	Reliant Center	Volunteers	11

## Attachment T – List of Distribution Events

Grant	Date	Event	Location	Representative	Vol#
CMP 10- 042-000-		Presentation: Coastal Bend Bays			
3738	2/25/2011	Foundation	GBF office	Julie Mintzer	0
CMP 10- 042-000- 3739	2/26- 27/201	Spring Fishing Classic - Bass Pro Shop	Bass Pro Shop	Elizabeth Kompanik and Ericka McCauley (GBEP)	0
CMP 10- 042-000- 3726	3/2-6/2011	Houston Fishing Show	George R. Brown Convention Center	Volunteers	3
CMP 10- 042-000- 3727	3/3/2011	Gulf Coast Yacht Brokers Association Presentation	Lakewood Yacht Club	Elizabeth Kompanik and Helen Paige	1
CMP 10- 042-000- 3728	3/5-6/2011	Spring Fishing Classic - Bass Pro Shop	Bass Pro Shop	Elizabeth Kompanik	0
CMP 10- 042-000- 3729	3/7/2011	Presentation: Central Michigan University Alternative Spring Break group	GBF office	Julie Mintzer to 10 students	0
CMP 10- 042-000- 3730	3/14/2011	Presentation: Central Michigan University Alternative Spring Break group	GBF office	Julie Mintzer to 8 students	
CMP 10- 042-000- 3731	3/26/2011	Rivers, Lakes, Bays and Bayous Trash Bash: Armand Bayou Site	Bay Area Park	Elizabeth Kompanik	0
CMP 10- 042-000- 3729	4/14- 17/2011	Southwest International Boat Show	South Shore Harbour Marina	Elizabeth Kompanik, Pam Domingue, Mary Mann, Thomas Wojcik, Pamela Farmer, Dennis Cerda,	5

## Attachment T – List of Distribution Events

Grant	Date	Event	Location	Representative	Vol#
CMP 10- 042-000- 3729	5/5/2011	Reverb Brett Denman concert	Fitzgerald's	Julie Mintzer	0
CMP 10- 042-000- 3730	5/7-8/2011	Boats on the Boardwalk	Kemah Boardwalk	Elizabeth Kompanik and Pam Domingue	0
CMP 10- 042-000- 3731	5/19/2011	Texas Mariners Cruising Association	Elks Lodge, 623 Hanson Rd Kemah TX	Scott Jones	0
CMP 10- 042-000- 3732	5/21/2011	Bay Day 2011	Kemah Boardwalk	Elizabeth Kompanik and Julie Mintzer	0
CMP 10- 042-000- 3733	6/11/2011	Marsh Mania	4 sites Bay Wide	GBF staff	0
CMP 10- 042-000- 3734	6/15- 19/2011	Houston Boat Show	Reliant Center; Booth #137	Elizabeth Kompanik and Julie Mintzer	0
CMP 10- 042-000- 3735	6/18/2011	GLO Texas Coastal Expo	Moody Gardens	Rebecca Sappenfield	0
CMP 10- 042-000- 3736	6/25/2011	Fishing Clinic	Fishing Tackle Unlimited	Elizabeth Kompanik and Emily Demmeck	0

## Attachment U – List of Restaurants

Restaurant
Amadeus Italian Restaurant & Bar
Aquarium Restaurant
Babin's Seafood
Bayside Grille
Boondoggle's Pub
Cadillac Bar
Clifton by the Sea
Club Classic
Flying Dutchman
Gabacho's Mexican Grill
Gilhooey's
Hoagie Ranch
Houston Yacht Club
Joe Lee's Seafood Kitchen
Joe's Crab Shack
Lakewood Yacht Club
Landry's
Lighthouse Buffet
Luna Restaurant and Bar
Mediterraneo Market & Cafe
Neptune Subs Inc
Opus Bistro
Outriggers
Palapas Bar
Paradise Reef Restaurant and Lobby Lounge
Pelican Grill
Pier Eight
Portofino Ristorante Italiano & Bar
Red Sushi
Saltgrass Steak House
Sam's Boat
San Lorenzo's
Seabrook Classic Café
Skipper's Café
South Shore Harbor
Sundance Grill
T-Bone Tom's Steakhouse
Tequila Boom's Mexican Restaurant
Terrace Cafe
The Crab house
The Pizza Oven

## Attachment U – List of Restaurants

Restaurant
The Riviera Waterfront Restaurant
Topwater Grill
Turtle Club
Valdo's Seafood House
Villa Capris

# Attachment V – List of Media Outlets

Media Outlet	Contact Email Address
39 News	justin@39online.com
713news.com	cyndi@713news.com
ABC News	douglas.p.schurtz@abc.com
	Ktrk.newsalerts@abc.com
	Blanca.e.beltran@abc.com
	Gina.l.larson@abc.com
	Casey.curry@abc.com
	Randy.klein@abc.com
Associated Press	houstaff@ap.org
Bay Area Observer	editor@bayareaobserver.com
Bay Area Print (local neighborhood newspapers)	baprint@sbcglobal.net
Baytown Sun	carla.torres@baytownsun.com
	sunnews@baytownsun.com
Change Magazine	triciag@changemediaonline.com
Citizens' Environmental Coalition	news@cechouston.org
Clear Channel Communication	bryanerickson@clearchannel.com
	rickjanacek@clearchannel.com
Click 2 Houston (KPRC)	hounews@click2houston.com
	lstewart@click2houston.com
Coastal Angler Magazine	susanne@coastalanglermagazine.com
EarthShare of Texas	estx@earthshare-texas.org
FishWestEnd.com	coe@fishwestend.com
Fox TV	John.Dawson@FOXTV.COM;
	dawson@fox26.com
	newsdesk@fox26.com
Galveston County Daily News	angela.taylor@galvnews.com
	stevy.curbow@galvnews.com
	chris@galvnews.com
Houston Chronicle	matthew.tresaugue@chron.com
	Jenny.Montgomery@chron.com
	citydesk@chron.com
	lindsay.wise@chron.com
	dale.lezon@chron.com
	anita.hassan@chron.com
	jason.spencer@chron.com
	mike.glenn@chron.com

## Attachment V – List of Media Outlets

Media Outlet	Contact Email Address
Houston Community Newspapers	dbell@hcnonline.com
	jbranch@hcnonline.com
	sthomas@hcnonline.com
	dguthrie@hcnonline.com
	mhellinghausen@hcnonline.com
	mreed@hcnonline.com
Houston Newcomer Guide	info@houstonnewcomerguides.com
Houston Press	rich.connelly@houstonpress.com
Indo American News	indoamericannews@yahoo.com
Katy Times	timesnews@katytimes.com
KHOU Channel 11	assignments@khou.com
	tsnnews@cbs.com
KIAH Channel 39	news@39online.com
KPRC Local 2	storyideas@kprc.com
	desk@kprc.com
	jrizzuti@kprc.com
	ptopham@KPRC.com
	dlevy@kprc.com
KUHF 88.7	news@kuhf.org
Lone Star Outdoor News	mhughs@lonestaroutdoornews.com
MSNBC	sheara.braun@msnbc.com
Pasadena Citizen	pasadenacitizen@hcnonline.com
PBS Houston	sergio@pbshou.com
	hpotts@estuaries.org
Restore America's Estuaries	hwhite@estuaries.org
Southeast Neighbors	Southeastneighbors@yahoo.com
Telemundo	cdepavia@telemundo.com
	dxmorale@telemundo.com
	nxgarcia@telemundo.com
	axsanche@telemundo.com
	ktmd_newsdesk@telemundo.com
Texas Center for Environmental Quality	Ericka.Mccauley@tceq.texas.gov
Texas Fish and Game Magazine	aneves@fishgame.com

# Attachment V – List of Media Outlets

Media Outlet	Contact Email Address
Univision	cmardones@univision.net
	smoncivais@univision.net
	univision45@univision.net
Village News Southwest	kballanfant@Village-Southwest-
	News.com
	MyNews@Village-Southwest-News.com
Your Town TV	jennifer_vogel@yourtowntv.com

## Attachment W - List of Marinas Contacted

#### **Marina Name and Location**

C	ear	T	9	ke
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Constellation Point and			
Marina	451 Constellation	League City	(281) 334-2527
Bal Harbor Marina	123 Lakeside Lane	Houston	(281) 333-5168
Blue Dolphin Yachting			
Center, Inc.	P.O. Box 123	Seabrook	(281) 474-4450
Clear Lake Marine Center,			
Inc.	P.O. Box 716	Seabrook	(281) 326-4426
Endeavour Marina	3101 NASA Parkway	Seabrook	(832) 864-4000
Kemah Boardwalk Marina	555 Bradford St.	Kemah	(281) 334-2284
Lakeside Yachting Center,			
Inc.	2511- B Nasa Rd. 1, Ste. 101	Seabrook	(281) 326-5547
Lakewood Yacht Club			
(Private)	2425 Nasa Parkway	Seabrook	(281) 474-2511
Legend Point	1300 Marina Bay Drive	Clear Lake Shores	(281) 334-3811
Marina Bay Harbor Yacht			
Club	P.O. Box 478	Kemah	(281) 535-2222
Marina Del Sol	1203 Twin Oaks Blvd.	Kemah	(281) 334-3909
Nassau Bay Homes and			
Marina Assoc., Inc.	1120 Nasa Pkwy, Ste. 109	Nassau Bay	(281) 333-2570
Portofino Harbour	One Portofino Plaza	Clear Lake Shores	(281) 334-6007
Seabrook Marina Inc.	1900 Shipyard Dr.	Seabrook	(281) 474-2586
South Shore Harbour	2551 South Shore Blvd., Ste B	League City	(281) 334-0515
Waterford Harbor Marina	800 Mariners Drive	Kemah	(281) 334-4400
Watergate Yachting Center	1500 Marina Bay Drive	Clear Lake Shores	(281) 334-1511
Wharf at Clear Lake (WSMA)	P.O. Box 1208	League City	(281) 334-5976

#### **Galveston Bay**

Eagle Point Fishing Camp,			
Inc.	Route 1 Box 1718	San Leon	(281) 339-1131
Galveston Yacht Club	715 North Holiday Dr.	Galveston	(409) 762-9689
Houston Yacht Club	3260 Miramar Drive	Shoreacres	(281) 471-1255
Waterman's Harbor, Inc	16426 Clearcrest	Houston	(281) 339-1416
Harborwalk Marina	P.O. Box 2328	Hitchcock	(409) 935-3737
Payco, Inc.	501 Blume Dr.	Galveston	(409) 744-7428
Boudreaux's on the Bayou	6310 Herds Lane	Galveston	(409) 744-2111