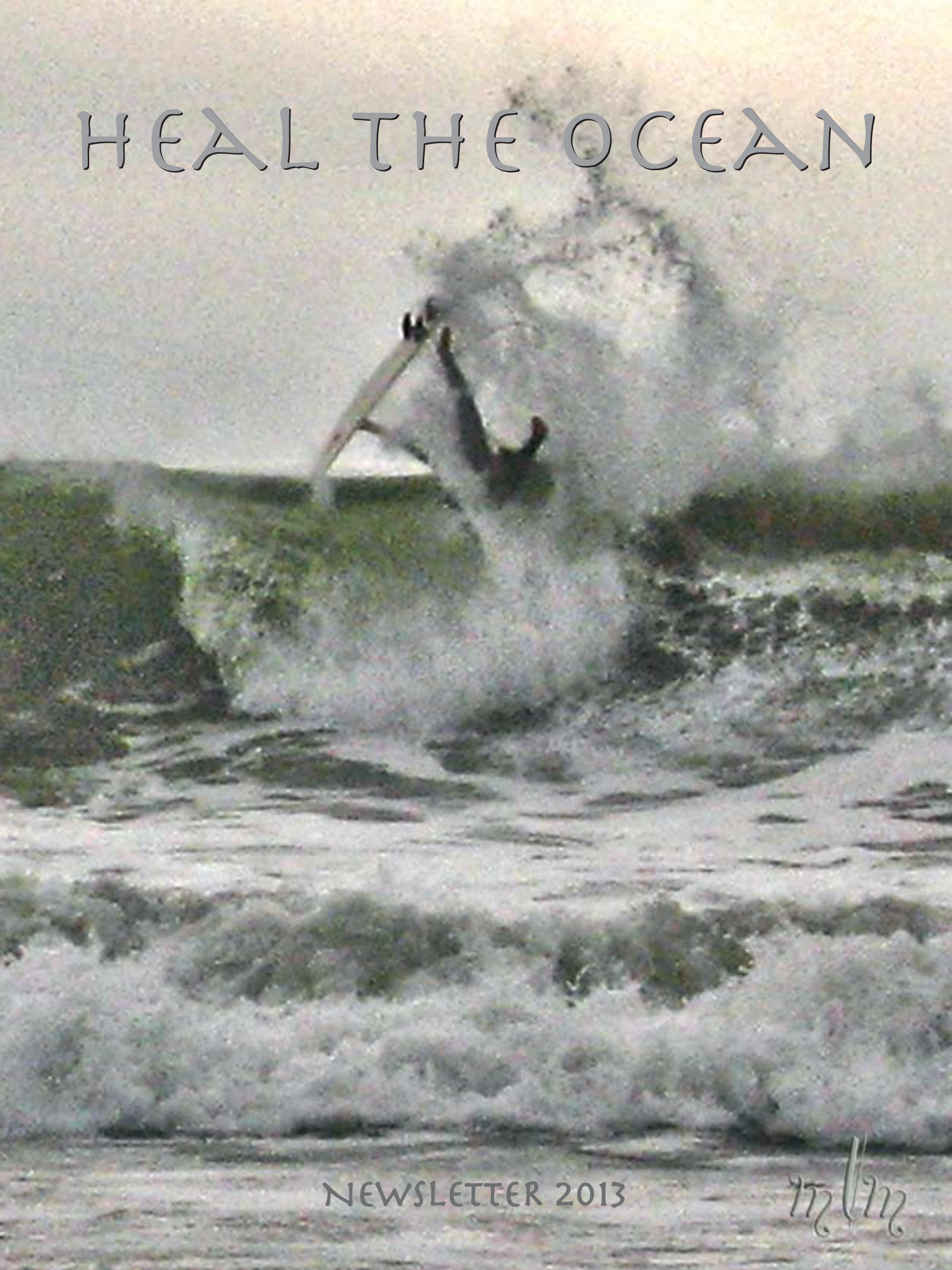


HEAL THE OCEAN



NEWSLETTER 2013

Handwritten signature or logo



Heather Hudson

Heather Hudson, a supporter of Heal the Ocean since its inception, has joined HTO's Board of Directors, and she's taken charge of our events and gatherings! Heather is a long-time ocean lover and surfer (you'll find her almost every morning at Rincon), and she and her husband **Keith Crummer** are avid outdoors people. She currently runs her film production company, Graciegirl LLC, known for the ground-breaking, "*The Women and the Waves*," which she co-produced with Santa Barbara filmmaker and mentor **Peck Euwer**. Heather joins current HTO directors **Francesca Cava, Jean-Michel Cousteau, Thomas Dabney, Hillary Hauser,**

Francoise Park and **Sam Scranton**. . . **Priya Verma**, longtime HTO Policy Analyst from 2005 to 2009, paid us a visit in April 2013, so we could catch up with her busy life. After receiving her doctorate at UCSB Bren School, **Priya** is now an associate professor at Cal Poly, San Luis Obispo, teaching Estuary Management and Environmental Studies. For HTO's groundwater assessment project (see p. 9 of this newsletter), Priya recommended one of her students, **Sarah Treadwell**, to work on the project with Regional Water Quality Control Board hazmat staff during Summer 2013, and after interviewing with RWQCB staff, Sarah was immediately hired by HTO at the recommendation of the staff. Sarah will be working in the RWQCB office in San Luis Obispo. . . . As for our great "office house" on State Street, we've gone to the dogs! Our mascots, **Wolfy** and **Lucy** like rough-housing with all of us on everybody's off time. . .



Ruston & Ava at 2013 Earth Day

Once again we give thanks to our longtime public workers **Ruston Slager** and **Ava Everett**, who manned HTO's booth at the April 20-21, 2013 Earth Day. They sold nearly \$2,000 of our popular T-shirts, old-style and new. . . . Speaking

of HTO T-shirts, they are now getting around the world! We love it that former Santa Barbara County Water Manager **Rob Almy**, now a GEI consultant living on the U.S. East Coast but who is working with Santa Barbara County Integrated Regional Water Management Program (IRWM), and also hired by HTO to write the Local Groundwater Assistance grant (see p. 9 of this newsletter) sent us a picture of himself in the Azores wearing our shirt!



Rob Almy in the Azores

HTO PLATFORM

The following five areas are contained in HTO's mission statement:

- Sewage - no pathogens in discharge
- Septic systems - remove from improper areas
- Non-Point Pollution/Storm Water
- Ocean dumping
- Leaching landfills & dumps



HTO FLAGS FLY 8/12/2013!

Heal the Ocean's sea blue flags will fly from August 12-20, 2013 in downtown Santa Barbara.



Hillary Hauser on the office floor with Wolfy and Lucy



James Hawkins, HTO Policy Analyst



Priya Verma



HTO Administrator Grant Schmitz & Lucy

COVER ART BY MARIE MORRISROE

Our exotic cover is from a work of photographic art by **Marie Morrisroe**, called "Alley-oop 1," a surfer going upside down in tumultuous white water. Marie takes photographs all over the world as well as Santa



Barbara, where she lives, then gives to her photographs her special artistic hand. Marie's work can be found at <http://fineartamerica.com>, an on-line art gallery that sells her images in various formats and/or greeting cards. Thank you, Marie.

Heal the Ocean
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HI FROM HILLARY

*This has been another momentous year
for Heal the Ocean!*

We are now beginning to enjoy the fruits of many years of labor: the Goleta Sanitary District upgrade to full secondary treatment is nearly finished and set to go in 2014, if not sooner. The Rincon portion of the South Coast Beach

Communities Septic to Sewer project is now in the sewer construction bidding phase.

We cannot thank the CSD Board of Directors enough for hanging in there with us for 15 long years to get the Rincon sewer project off the ground! We also thank the Rincon homeowners and all the homeowners within the project area (Sandyland, Sand Point and Padaro Lane) not only for hanging in there with us, too, but for paying for the engineering studies, lawyers and other expenses we ran into along the way. We thank Santa Barbara County First District Supervisor Salud Carbajal and his aides, Eric Friedman and Jeremy Tittle, for their help in moving the project along when things got really stuck.

We also thank Santa Barbara County Environmental Health Services (EHS) for working with us to fund various aspects of this and other septic-to-sewer projects with the \$2 million brought into Santa Barbara County for this work in the year 2000 by then-Assemblywoman (now State Senator) Hannah-Beth Jackson. We thank former EHS Director Rick Merrifield, for meeting with us endlessly about the best use of this money.

An upcoming special edition HTO newsletter is in the works that lays out the Rincon saga, with all its impossible Catch 22s that had to be overcome one by one. Some of this story is humorous, and a lot of it shows what's broken about the process, that must be fixed.

In addition to these major achievements for a clean ocean, HTO is now happily working with counties and cities, as well as homeowners, to find funding for infrastructure upgrades we, and they, seek. We are doing this by aligning ourselves with grant funding sources and co-sponsoring or advocating for projects we know will benefit people as well as creeks, ocean, and groundwater.

Heal the Ocean believes that by going into a situation – or hearing room – with reasonability, we can accomplish much, such as finally in June 2012 getting regulations passed for AB 885, the septic system regulations for the State of California. The process, which included expert input from Heal the Bay, Santa Monica, had been going around and around since the year 2000, and in June, 2012, HTO headed up a conversation of compromise to get these regulations finalized. Instead of fighting, everyone involved in the process got to have a big celebration (it was serendipity that Hannah-Beth Jackson, author of AB 885, just happened to be in Sacramento and came to our victory party!). But more importantly, the State of California now has septic system regulations in effect.

**...without a collaborative
process, expenses build up
horribly on both sides...**

In the final analysis, without a collaborative process, expenses build up horribly on both sides, which is a shame – because this money can be spent on actual projects to improve water quality. All through this newsletter you will see how HTO works to find both funding for projects and to find common ground instead of fighting, to get what we want, which is a clean ocean.

We think our unique stance on environmental matters is why Heal the Ocean received a “2012 GREATNONPROFITS Top-Rated Award” through GuideStar, a prestigious rating organization for charitable groups.

Thank you for helping.

A handwritten signature in black ink that reads "Hillary Hauser".

Hillary Hauser
Executive Director



Thank you, Poehler-Stremel Charitable Trust!

*HTO once again extends its deep thanks to the Phyllis S. Poehler/
Walter E. Stremel Charitable Trust, St. Paul, Minnesota,
for the funds to publish this newsletter and to continue our
other avenues of outreach! We thank Bill, Pam & Lily Poehler
of Santa Barbara (long-time HTO supporters) for
their enthusiasm – it means much to us.*


“Whatever we seek to change, find the money to do it with.”

Heal the Ocean has had considerable success finding and advocating for funding for clean-water projects. Recognizing the extreme value in working with agencies and homeowners to find available grant funding for such projects, in 2011 HTO began taking an active role in Santa Barbara County’s Integrated Regional Water Management (IRWM) program, because we realized that through the process we could advocate for funds to help upgrade wastewater infrastructure. We gained a seat on the IRWM Steering Committee, and not only helped review the projects that went through Proposition 84 Round 1 of the IRWM process for funding, but literally pulled wastewater treatment plant managers into the process to apply.

Out of Proposition 84 Round I funding through IRWM, Santa Barbara County received its full requested amount of **\$3,000,996** for various clean-water projects – including **\$500,000** for the Goleta Sanitary district, to add cogeneration to its full secondary treatment upgrade (see p. 14 of this newsletter for HTO’s involvement in instigating this upgrade in 2002).

Santa Barbara County’s IRWM Round II application includes **\$3 million** for the City of Santa Barbara upgrade of its recycled water plant to include microfiltration (see IRWM grant list, page 5).

We look forward to serving on the County’s IRWM process for Proposition 84 Round III, which will have nearly **\$20 million** in available funds for the Central Coast region (which includes Santa Barbara and San Luis Obispo). HTO has already begun discussion with the principals of various clean water projects in Santa Barbara County interested in funding help.

All in all, it has become a core part of HTO’s philosophy that the best environmental work is to find and advocate for funding, that whatever we seek to change, find the money to do it with. 



THE VALUE OF WASTEWATER MANAGEMENT

The proposed \$11 billion State water bond slated for voter approval on the November 2014 ballot is no longer viable, due to concerns that it would not garner enough voter support. However, in June 2013 the California State Legislature began to explore future funding for clean-water projects in two newly crafted proposed water bonds.

Round III of Proposition 84 bond monies is moving into place in 2014, and after that this source of funding will dry up.


Whether or not the State Legislature ends up approving a bond to be placed on next year’s ballot for voter approval, Heal the Ocean feels that the water bond system may not be financially sustainable. With California already strapped with a mountain of debt, the State will have to pass some sort of public goods surcharge, which will ask every water user in California to pay for the cost of water and wastewater infrastructure improvements in the State.

...wastewater management (including trash) is generally undervalued by the public.

HTO has long maintained that wastewater management (including trash) is generally undervalued by the public. We are (begrudgingly) willing to pay hundreds of dollars every month for electricity and gas, and even \$200 per month for cable. But we are not willing to pay for waste and wastewater management in proportion to the value that these services provide.

Heal the Ocean believes the following:

- Waste management is an undervalued – important – service, and we can’t live without it;
- Wastewater treatment plants (WWTP) are a hugely important environmental tool – try living without them;
- And we as a society have something in our psyche that says it’s OK to pay for what comes into the house, but not what goes out of the house. Just get rid of it any old way – get it out of sight, out of mind.

Heal the Ocean believes wastewater is a wasted resource - we shouldn’t dump it into our ocean, lakes and rivers when we could be cleaning it up and using it productively to irrigate our drought-ridden lands. 



ETC....
During the long haul of getting the Rincon part of the South Coast Beach Communities Septic to Sewer project ready to build, HTO raised **\$100,000** for the Carpinteria Sanitary District to pay its legal bills, and **\$149,800** to pay our elections attorney, Fred Woocher, as part of the same fight. All of these monies were graciously and generously funded by homeowners within the project areas.

HTO PARTICIPATES IN RECYCLED WATER GROUP

In 2010, Heal the Ocean began assembling a Wastewater Reclamation Working Forum, to be held at UCSB's Bren School. We had gone so far as to discuss the concept with Bren directors (interim and final appointee), and had a water consultant draw up a Scope of Work – "to maximize the opportunities to develop and expand the production and use of recycled water in Santa Barbara County."

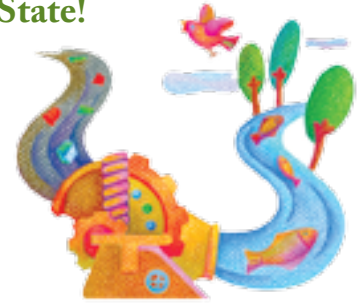
So when the subject of recycled water became of paramount importance to the State of California, and \$100,000 became available to Santa Barbara County to develop a South Coast Recycled Water Development Plan as part of the County's Integrated Regional Water Management (IRWM), HTO jumped at the chance to serve on the Work Group for the plan. After all, we already had the interest of all five sanitary districts operating on the South Coast (Carpinteria, Summerland, Montecito, the City of Santa Barbara, Goleta Sanitary District/Goleta Sanitary District West) and their correlative water district managers, so bringing them to a different table seemed easy to us.

With guidance from consultants from RMC Water, Los Angeles, the Recycled Water Work Group held many meetings for a full year (January 2012 to March 2013), working and revising section by section of the Plan. Another study, the Santa Maria Valley Groundwater Assessment, coordinated and authored by Rob Almy of GEI consultants, will also be submitted as part of the County's IRWMP.

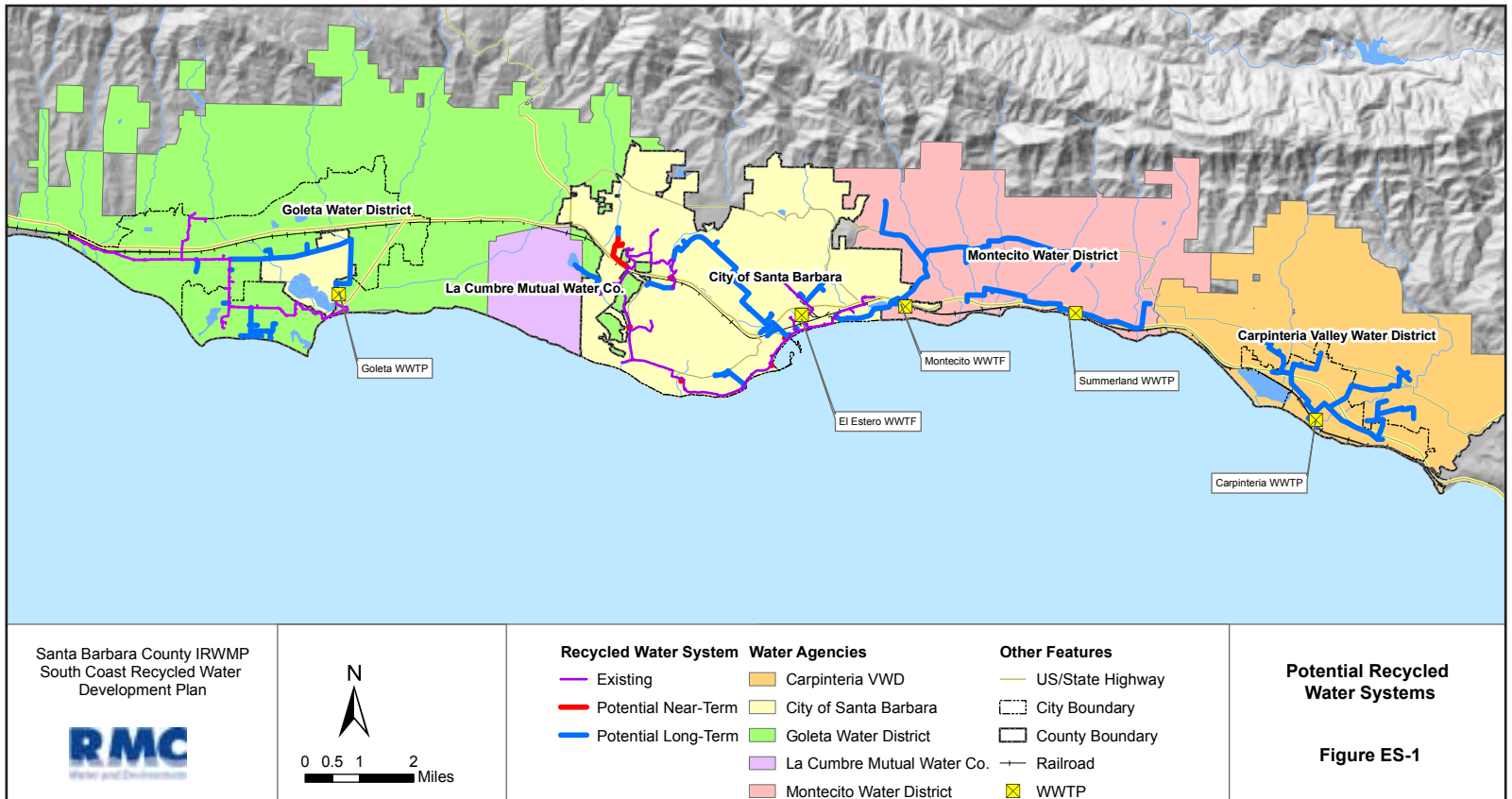
HTO took an active role in bringing wastewater and water managers to the table on this project because we know full well that once an agency is written into a plan, it is far easier for that agency to apply for grant funding.

Recycled Water Tops SB Grant App List to State!

As a member of the Santa Barbara County Integrated Regional Water Management (IRWM) steering committee, HTO is pleased to report that after one year of deliberations, the final list of projects being submitted (during Fall 2013) to the State Department of Water Resources for Round 2 Proposition 84 grant funding includes **\$3 million** for the upgrade of the City of Santa Barbara's recycled water treatment plant, to include microfiltration (Phase II of the upgrade will add partial reverse osmosis). Other projects included in the Santa Barbara County grant application are:



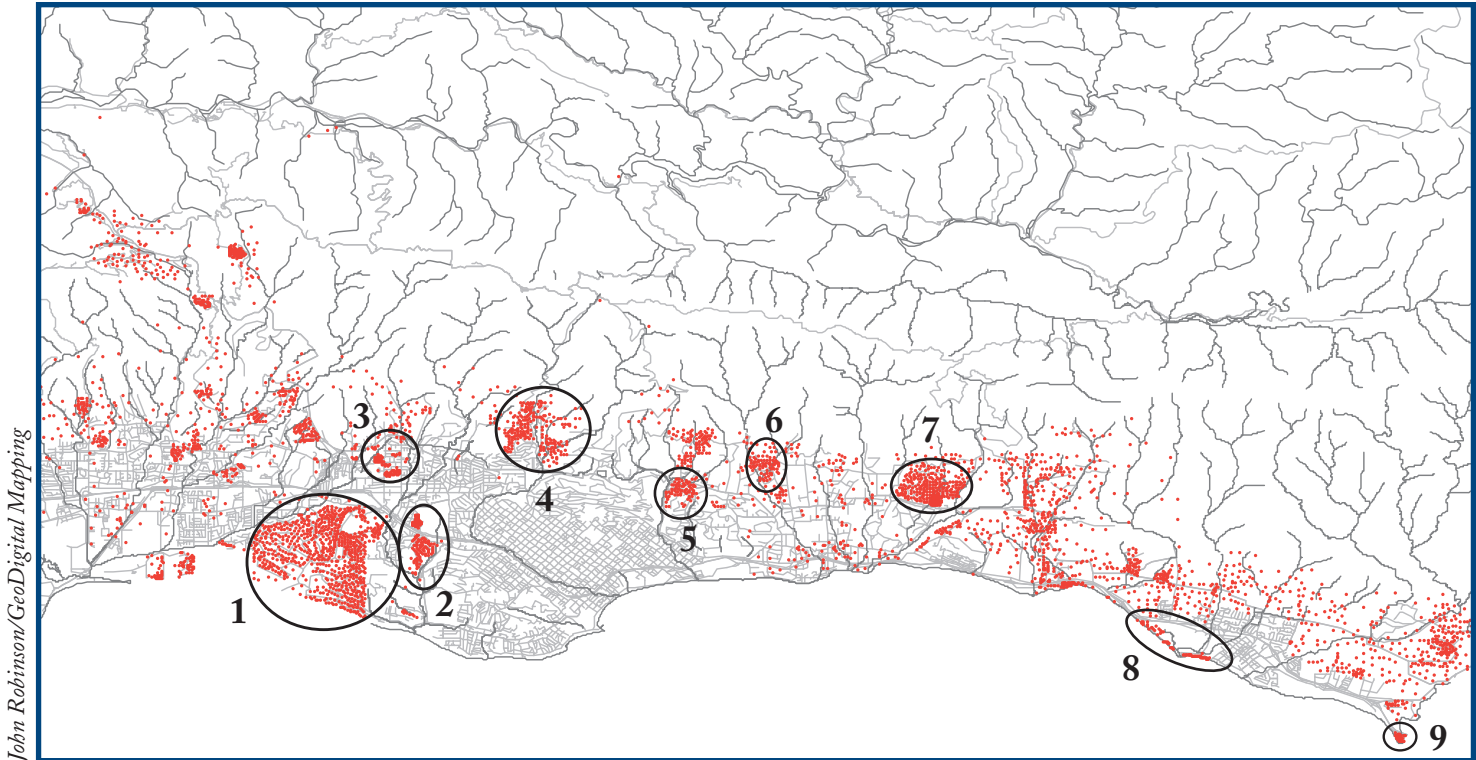
- ◆ **\$650,000** – Goleta Water District – City of Santa Barbara Interconnect Project (water conveyance);
- ◆ **\$600,000** – Twitchell Reservoir Sedimentation Management;
- ◆ **\$685,000** – Improvements to City of Guadalupe Waste Water Treatment Plant;
- ◆ **\$1.5 million** – Laguna County Sanitation District Recycled Water Pipeline Extension to Rancho Maria Golf Course.



Map from the draft IRWM South Coast Recycled Water Development Plan

HTO'S FLAGSHIP – REMOVING SEPTIC SYS

HTO has worked long and hard on public awareness about the negative impact septic systems can have on the ocean and our waterways. Here's the story of our role in this issue – and how we worked to get septic system regulations in place for the State of California.



Santa Barbara South County: 1) Hope Ranch; 2) Veronica Springs; 3) Northview Road & Vista Vallejo; Sunset Road & Fairfax Road; & Calle Cita/Carol Ave/Russell Way 4) Upper Mission Canyon; 5) Eucalyptus Hill/Barker Pass; 6) Riven Rock, Montecito; 7) Lilac/Knowlwood, Montecito; 8-9) South Coast Beach Communities (including Rincon).

THE STORY

1998 Surfers approach Hillary Hauser (prior to formation of HTO) and ask for help with the septic systems at the world famed surf break at Rincon. They ask her to write a news story about the rashes, respiratory infections and eye infections they're getting after surfing Rincon.

1998 Hillary makes some calls. RWQCB staff says "septic systems pose no problem" at Rincon. When asked how this is known, the answer is, "We walked the beach and didn't see anything."



John Robinson, developer of the GIS septic system map for Santa Barbara County, served on the HTO Board from 1999 until his passing in February 2011.

1998 Heal the Ocean forms and raises funds to DNA the Rincon Lagoon (\$36,000). HTO partners with SB County Environmental Health Services to do one of the first environmental DNA studies in the country. The study shows 20% of fecal bacteria in the Rincon Lagoon is human.

1999 Then-Assemblywoman (now Calif. State Senator) Hannah-Beth Jackson convenes a Joint Assembly hearing in Santa Barbara to discuss the impact of septic systems on the environment.

1999 HTO initiates the Penfield & Smith sewer engineering study for Rincon (\$9,000), by taking donations from Rincon surfers through the Rincon Clean Water Classic, a surf contest organized by

Glenn Hening, and \$1,000 from the Rincon homeowner association. HTO organizes the sewer engineering studies for Sandyland and Sand Point, too, (\$7,500 each), with both of these associations committing to paying for the engineering studies themselves.

1999 John Robinson, former NASA official, and later, NOAA officer in charge of cleaning of *Exxon Valdez* oil spill and the Kuwait oil fires, joins HTO Board of Directors, suggests identifying septic "cluster" areas in Santa Barbara County and says that if the "cluster" areas are cleaned up, "80% of the septic pollution" problems in the County will be solved.

2000 John learns no data base exists to delineate properties on septic systems from those connected to public sewer. John forms a Geographic Information Systems (GIS) company, GeoDigitalMapping, Santa Barbara, and goes to work mapping septic systems in the County. This septic map is one of the first, if not the first, GIS maps of septic systems in the U.S. This map establishes what HTO has called the "Laundry List" of areas that need attention in Santa Barbara County.

2000 Hannah-Beth Jackson authors AB 885 to regulate septic system use in the state of California. She also captures \$2 million in State funds for septic-to-sewer work in Santa Barbara County, the funds to be administered by Santa Barbara County Environmental Health Services.

Continued on pg. 7

WHAT AB 885 MEANS TO SEPTIC SYSTEM OWNERS

Santa Barbara County is in Tier 1 by law, until the County develops a Tier 2 LAMP by May 30, 2014.

Tier 0 – Existing Onsite Wastewater Treatment Systems (OWTS)

- Functioning OWTS that do not meet conditions of a failing system and are not contributing to the impairment of surface water.

Tier 1 – Low Risk New or Replacement OWTS

- Requires a qualified professional performing soil and site evaluations.
- Minimum requirements for soil, construction and setbacks to reduce potential for water quality impairment.

Tier 2 – Local Agency Management Program (LAMP) for New or Replacement OWTS

- Local agencies (i.e., Environmental Health departments) can submit management programs for Regional Board approval.
- These LAMPs can differ from Tier 1 requirements but have certain prescribed limitations, like barring OWTS receiving projected flow over 10,000 gallons per day or the installation of OWTS where public sewer is available within 200 feet of the property.

Tier 3 – Impaired Areas

- OWTS near impaired water may be addressed by a Total Maximum Daily Load (TMDL) plan.

- If no TMDL exists, new or replacement OWTS within 600 feet of impaired water body listed under the regulations (i.e., Rincon) must meet the requirements of an Advanced Protection Management Program.

Tier 4 – OWTS Requiring Correction

- Any OWTS requiring corrective action (pooling effluent, discharging wastewater to the surface or wastewater backing up into plumbing fixtures, etc.) must be repaired, modified or replaced to meet Tier 1, 2, or 3 requirements.
- The owner may be required to file enrollment in general waste discharge requirements, or be subject to Regional Board enforcement.

HTO ON LAMP ADVISORY COMMITTEE

Heal the Ocean has been invited by Santa Barbara County Environmental Health Services to work on the committee developing a Local Area Management Plan (LAMP) for septic systems in Santa Barbara County – a “Tier 2” regulation under AB 885. When AB 885 officially became law in May 2013, all California counties were immediately placed in Tier 1, and have until May 30, 2014 to develop regulations specific to their region. HTO will be looking for particular focus on problem areas identified in the 2003 Questa Engineering Septic System Sanitary Survey done for Santa Barbara County. We are excited for the opportunity to help craft regulations that will get at this problem in a way that conforms to the unique conditions of our region.

The Story, Continued from pg. 6

2003 From these "Hannah-Beth funds," EHS commissions the Questa engineering study, which identifies septic problem areas in Santa Barbara County, based on soils, groundwater, surface water, age of homes, and density.

2004 U.S. EPA issues Voluntary National Guidelines for Management of Onsite and Clustered (Decentralized) Wastewater Treatment Systems.

2005 After numerous public hearings around the State, the process for crafting AB 885 draft regulations fall apart for lack of agreement.

2013 MAY 7 After 15 years of litigation, Catch 22s and other problems overcome by HTO, all plans for the Rincon septic-to-sewer project are approved by the SB County Board of Supervisors, as well as Carpinteria Sanitary District, which also initiates the sewer construction bidding process in May 2013.

2013 MAY 13 After years of workshops and hearings (attended and legally urged by HTO and Heal the Bay, Santa Monica), AB 885 regulations become law in California.



Art by Peggy Oki

RINCON SEWER CONSTRUCTION MOVING UP TO BAT!

The long-awaited construction bidding process for the building of the Rincon septic-to-sewer project was kicked off by the Carpinteria Sanitary District (CSD) Board of Directors in May 2013. As this newsletter went to press, CSD General Manager Craig Murray said that the construction bidding process will take approximately eight weeks, with the construction contract hopefully awarded by early August 2013.

When finished, the South Coast Beach Communities Septic to Sewer Project will have removed septic systems from approximately 7 miles of Santa Barbara south coast beaches. According to HTO Executive Director Hillary Hauser, the project would not have been possible without the generous financial help of homeowners within the project area, the leadership of CSD General Manager Craig Murray, the tough skin of the CSD Board of Directors, which maintained focus during lawsuits and disagreements, and of course HTO's list of generous members who helped us all along the way – 15 years! Thank you, one and all!

Rincon is a 303d-listed impaired water body and homeowners in the area will be covered by AB 885 (refer to Tier 3 in the story, “What AB 885 Means to Septic System Owners,” above.)



STORM OVER STORM WATER...

It's general knowledge that the biggest polluter of the ocean is storm water runoff, especially during rain events. Like other environmental groups, HTO has worked for years with County, regional and State agencies to ensure that individual storm water permits include language strong enough to make some difference in this problem, with emphasis on enforcement.

This year, in response to a lawsuit by the Natural Resources Defense Council (NRDC) and a court decision in that case that barred protections for municipalities violating storm water regulations, many cities saw expensive court cases on the horizon, and began petitioning the State Water Resources Control Board (SWRCB) for relief.

In response, the SWRCB held a workshop to consider a revision of the receiving water limitations language for Municipal Separate Storm Sewer Systems (MS4) permits.

The revised language on the table for discussion was in the form of Alternatives:

- **Alternative 1:** No Safe Harbor. A municipality can be sued no matter what, if storm water standards are breached.
- **Alternative 2:** Greater specificity for lawsuits, as well as "wet weather data analysis."
- **Alternative 3:** Municipalities conducting a Total Maximum Daily Load (TMDL) process to find out sources of pollution and how to clean up those sources, cannot be sued.
- **Alternative 4:** Municipalities engaging in good faith compliance or Best Management Practices (BMPs) cannot be sued.
- **Alternative 5:** "Full Safe Harbor" – a municipality cannot be sued, period.

At the time this issue was on the State Board's table, Hurricane Sandy had just taken the New Jersey coast into the ocean. In a world with more extreme weather on the horizon, the difficulty in addressing storm water was summed up by Carol Brzozowski in a recent issue of *Stormwater Magazine* (Forrester Publications, Santa Barbara): "Going forward, is it possible to 'stormproof' an area, especially a coastal region? And given the cost, is it doable?"

HTO believes undue burdens should not be added to cash-strapped (and now weather-beaten) cities and counties, but rather there should be a focus on developing sources of funds to help implement standards currently in place.



Hurricane Sandy, October 30, 2012. Image Credit: NASA GOES Project

...even proactive storm
water control will be
increasingly difficult with
climate change...

In November 2012, we conveyed this philosophy to the State Board by stating that we supported Alternatives 3 and 4 – that municipalities engaging in specific – and it must be specific – proactive measures cannot be sued by a 3rd party. To our fellow environmental groups, we explained our belief that even proactive storm water control will be increasingly difficult with climate change guaranteeing increasingly fierce storms on the nation's coastlines.

Heal the Ocean believes environmentalists, municipalities and State regulators must keep open minds to work out solutions according to our times, thereby avoiding years of wrangling and piecemeal negotiations. Basically, and in conclusion, we need to work together.



WHAT'S A STORM WATER "PERMIT"?

With the passage of the Federal Clean Water Act in 1972, the National Pollution Discharge Elimination System (NPDES) permit system was developed to control "point source" pollution, and in 1987 EPA expanded the scope of the NPDES permit system to include storm water. Cities and counties were given time to develop their individual permits, which are enforceable plans for controlling storm water pollution.

The Phase I cities (population over 100,000) storm water permits went into effect first (1990), and the Phase II cities of lesser populations went into effect in 2003, both regulated under municipal separate storm sewer systems ("MS4") permits. Other types of storm water permits have been evolving over the years, with environmental groups overseeing language as well as enforcement.

ALL SYSTEMS GO FOR GROUNDWATER PROJECT

With the help of wonderful supporters (including, specifically, **Tomchin Family Charitable Foundation** and **Brian Hodges/WWW Foundation**) Heal the Ocean has been for almost 10 years working on a strategy for implementing a cleanup plan for polluted groundwater underneath the City of Santa Barbara. We have been on some wild goose chases with this work, but we now think we've landed the big prize.

For the past year HTO has been working with the staff of the Central Coast Regional Water Quality Control Board (RWQCB) Land Disposal Program to organize a program of prioritizing the toxic sites for cleanup. Specifically we have been working out a strategy with **Thea Tryon**, Senior Engineering Geologist/Site Cleanup and Land Disposal Program Manager for the Regional Board, and **Kristina Seley**, RWQCB Project Engineer, to get at the problem – which is a mammoth one.

Thea, Kristina and HTO decided on a strategy: organize the information so we know what is where, prioritize the sites according to level of pollution, and then find the funds to start cleaning house.

In order to get funds to get the project rolling, HTO organized a team consisting of

Santa Barbara County Fire Site Mitigation Unit (SMU), which oversees contaminated site remediation, **Thea Tryon** and **Kristina Seley**, and **Robert Almy**, former head of Santa Barbara County Water Agency, now a GEI consultant whom HTO hired to work on this project, coordinate the agencies for us, and write a State grant application.

In July 2012 a \$250K Proposition 84 Local Groundwater Assistance (LGA) grant application was submitted to the State of California Department of Water Resources.

The plan was that County Fire would receive the grant monies, **Rob Almy/GEI** would work with the RWQCB staff on the analysis, and HTO's role was to make sure everything was moving forward and provide financial assistance.

The project, which will take a year to complete, involves entering all data on Santa Barbara's polluted industrial sites, leaking underground storage tanks (LUSTs), leaking underground fuel tanks (LUFTs), spills-leaks-investigations-cleanups (SLICs), landfills, and Department of Defense sites, etc., into Geotracker, a State electronic reporting system. An analysis can

then be made so that the polluted sites can be prioritized for remediation.

In February 2012 we learned that our project was not chosen for LGA funding (there were many of applications for very few awards). Despite that news, HTO is proceeding with the project anyway. We're paying for the first steps ourselves.

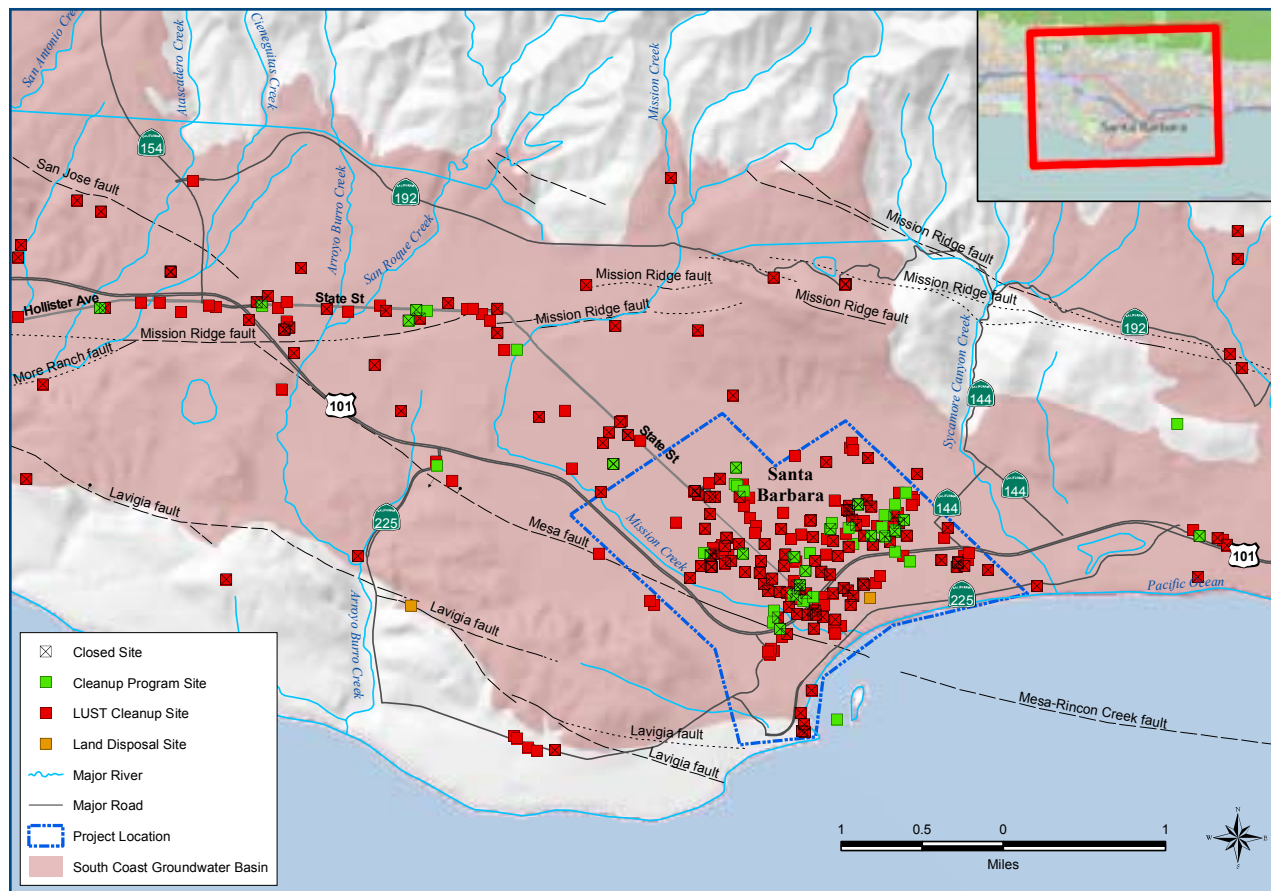
At the end of May 2013 HTO hired **Sarah Treadwell**, a California Polytechnic State University, San Luis Obispo (Cal Poly) environmental studies student of **Dr. Priya Verma** (who was HTO Policy Analyst for nearly 5 years, (see p. 2 of this newsletter). Sarah will begin work in June 2013 at

RWQCB headquarters in San Luis Obispo, and under the oversight of Thea Tryon and Kristina Seley will enter multitudinous files and reports into the State Water Board's Geotracker database.

Heal the Ocean is starting on the first steps of this important groundwater project grant or no grant, and we thank our wonderful donors for making it possible to hire people to do the work we're committed to do.

Despite that news, HTO is proceeding with the project anyway. We're paying for the first steps ourselves.

environmental studies student of **Dr. Priya Verma** (who was HTO Policy Analyst for nearly 5 years, (see p. 2 of this newsletter). Sarah will begin work in June 2013 at



We also thank Santa Barbara County Fire Chief **Michael Dyer** and Fire Division Chief/Fire Marshal **Eric Peterson** for their ultra-kind assistance and good humor (we still want a ride on a fire truck down State Street!) – and we are grateful to Thea Tryon and Kristina Seley for their persistence in getting this project off the ground. Last but not least, we thank County Supervisors **Salud Carbajal** and **Janet Wolf** for nudging the wonderful County firemen to our door.

A map from our LGA application showing the project area.

TESTING...TESTING...WHERE ARE WE GOING?

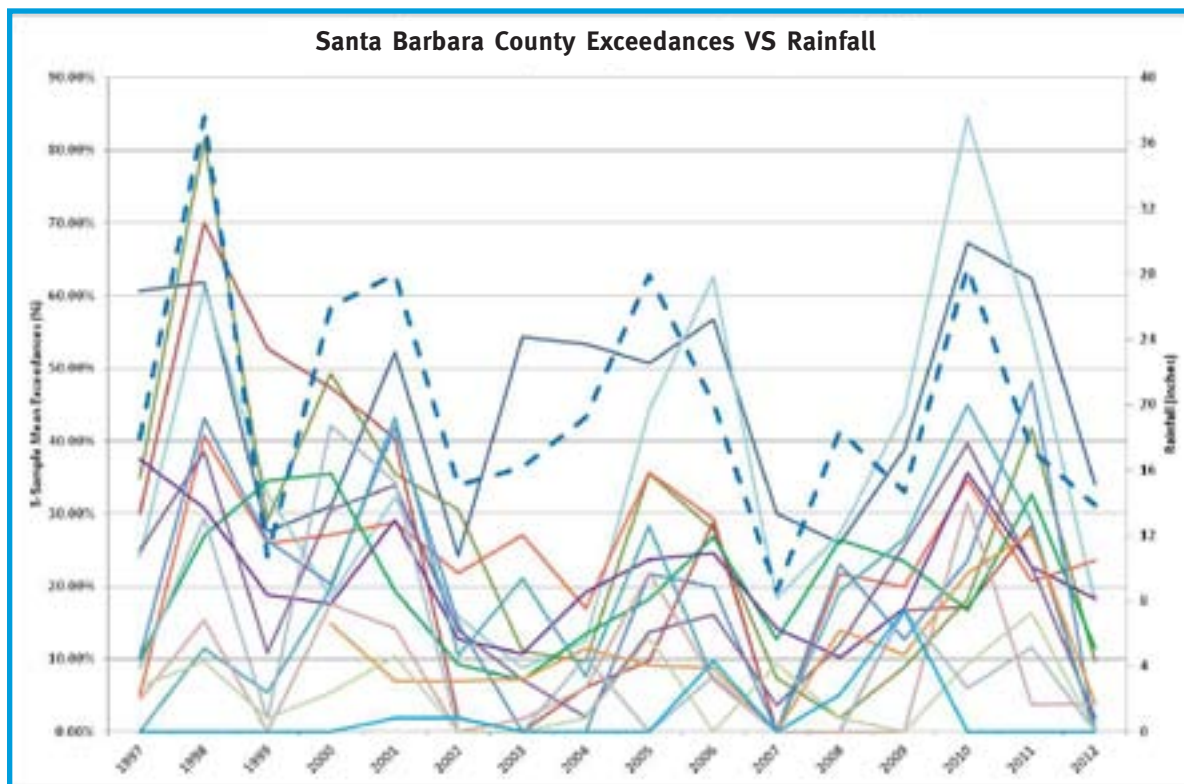
With the implementation of AB 411, California counties have collected for over a decade a significant amount of data on those beaches meeting, or failing, State health standards. These standards are based on measurements of Total Coliform, Fecal Coliform, and Enterococcus, called “indicator bacteria,” which can indicate the presence of potential pathogens in our waterways.

Beginning in February 2013 HTO Policy Analyst **James O. Hawkins** started compiling the weekly monitoring data from twenty beaches across Santa Barbara County into an electronic database that includes detailed spreadsheets for all weekly monitoring data going back to 1997 – even 1996 for some beaches. For the first time, these spreadsheets will be formatted and gathered into a single location and include thousands of lines of data for all three indicator bacteria and accompanying information on exceedances of State standards.

It is the goal of Heal the Ocean that this database provide a public resource for policymakers, scientists, the public and other interested parties to examine and analyze the beach monitoring data in order to come to a better understanding of conditions and trends at local beaches, as well as the overall condition of Santa Barbara South County over time. Once published on Heal the Ocean’s website (www.healthocean.org) anyone wishing to access the information in this database can download the data via Microsoft Excel or Access.

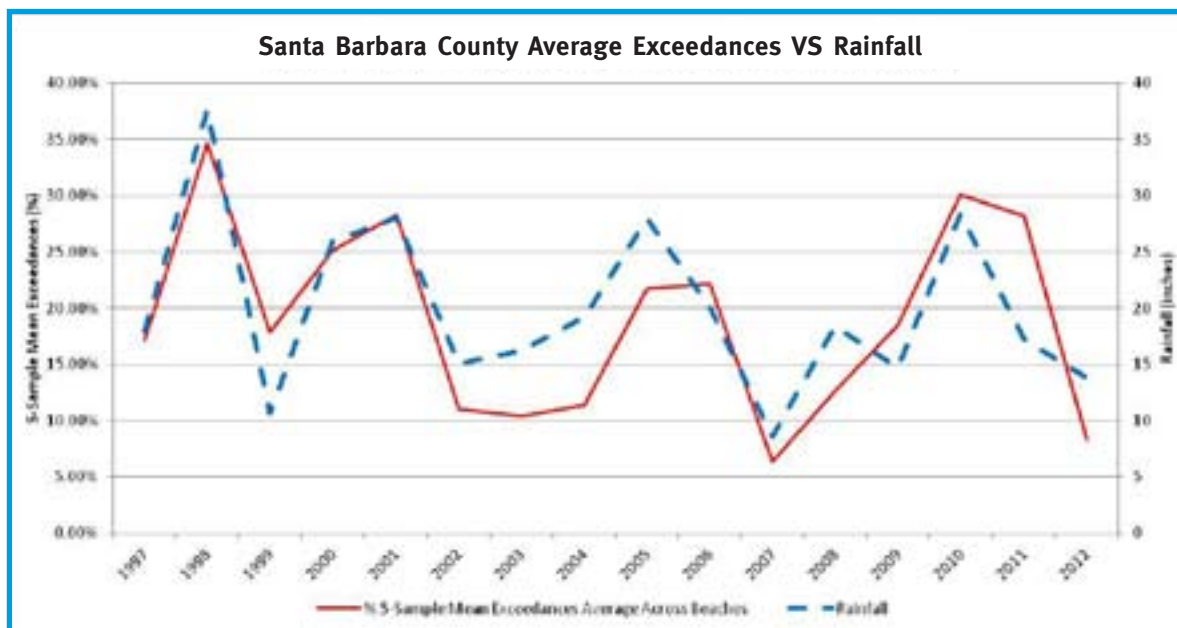
HTO has observed some interesting patterns when comparing all County beaches over time. The graph above, which shows the % exceedances (the amount of time a beach is exceeding State standards) at all of the County beaches for every year going back to 1997, rather looks like a Jackson Pollock painting, and is difficult to decipher in its current form. However, averaging the values for each of those beaches together, we get a more useful clean average % exceedances line, shown in the graph, opposite.

Juxtaposing average exceedances with the County’s rainfall data delivers an easy visual understanding of the difficulty that exists in controlling beach pollution when it rains. The number of times beaches exceed State standards



for fecal indicator bacteria tracks closely with how much rain there is in a given year. The problem with rain is well known: it will transport pollution from just about anywhere, whether it is from a backyard, a closed dump, septic system or the street gutter.

To figure out how to stop the pollution rollercoaster is a thorny problem that will take an Einstein and a half to figure out, and we’re all working on it. Meanwhile we thank **Willie Brummet** at Santa Barbara County and **Shari Holloway** and **Diane Wahl** at Ventura County for their assistance in compiling this data, and it’s a darn good thing Santa Barbara Channelkeeper monitors local beaches when the County lacks the funding to do it, because all of their work gathered into one place has helped to pull back and look at a bigger picture.





CLIMATE CHANGE... IF WE GO UNDERWATER, THEN WHAT?...

At Heal the Ocean, we are focused on the emergency preparedness (or what is called “adaption response”) part of climate change – namely, the rising ocean. We all know what havoc was done to the East Coast by Hurricane Sandy and other hurricanes preceding Sandy. What didn’t get publicized much about those storm events was the flooding of wastewater facilities.

Unfortunately, wastewater treatment plants are situated next to the water – for (guess what) – easy disposal. This means that the flooding of wastewater treatment plants is a national issue. The problem is not only that the ocean is coming inland, but that the groundwater – which is connected to the ocean – will rise as well – a perfect combination for flooding.

In the City of Santa Barbara, the old Estero area (that surrounds the El Estero Wastewater Treatment Plant) will be inundated in a 100-year storm event. So will the Airport, which is essentially built in the Goleta Slough.

With the implementation of California’s landmark climate change law in full swing and

following the example of communities across the nation who are working to address climate change, the City of Santa Barbara put out its Draft Climate Action Plan in June 2012, asking for public comment.

HTO took a look at this document and were quite in awe of the fact that some important graphics in this document having to do with the downtown/waterfront area were not included in the body of the City’s “Plan Santa Barbara,” which contained graphic details in an appended study, as well as graphics, showing how much of the City’s present coastline could be flooded during storm events by the year 2100.

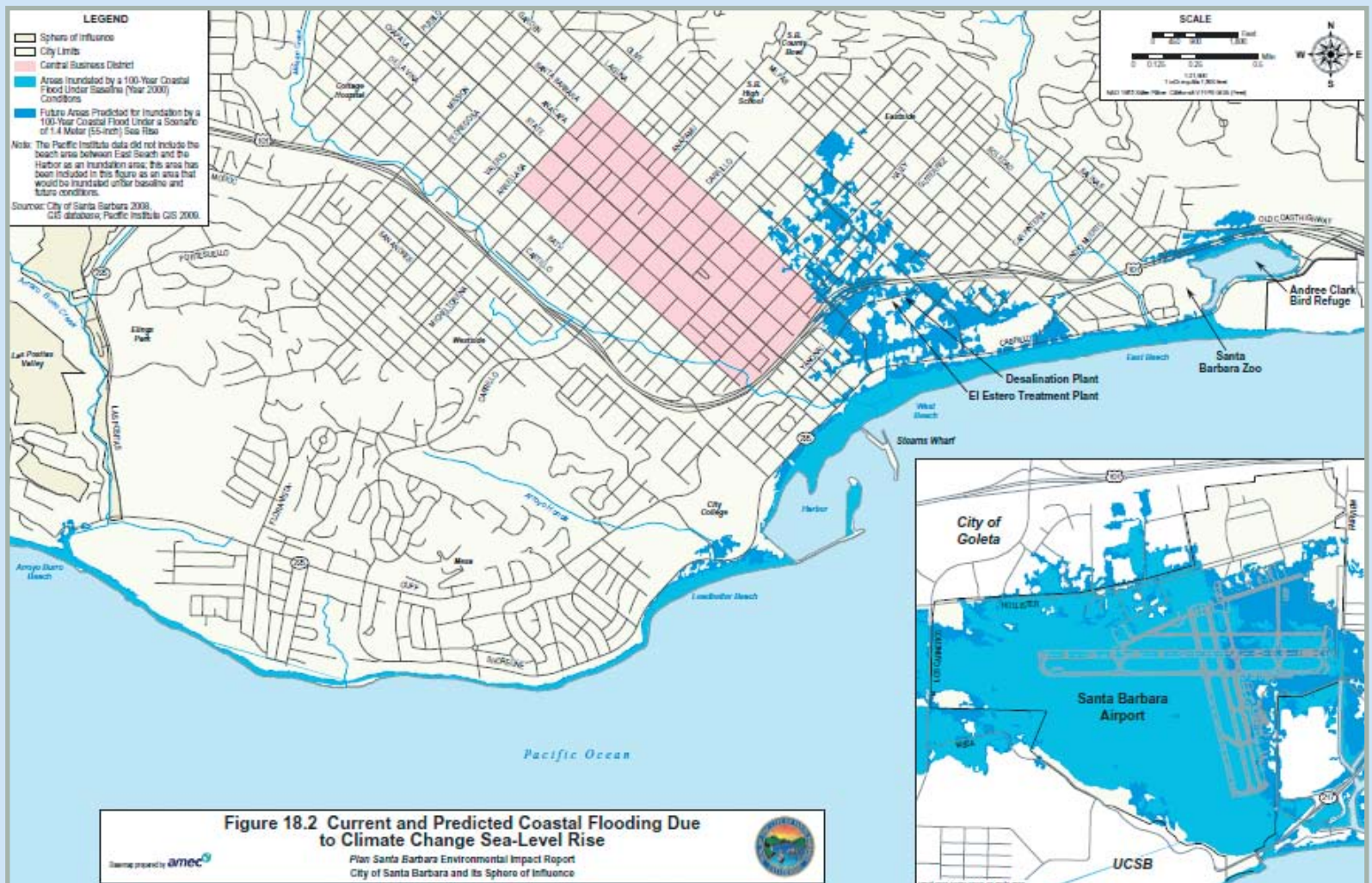
In August 2012, HTO approached the Santa Barbara City Council with a simple message: we need to start planning for the affects of sea level rise, not a month from now, a year from now, nor a Century from now, but today. We made a presentation showing the Council its own maps (shown here on this page) – that show the risk of flooding due to sea level rise by 2100, and urged specific steps to be taken immediately to address the vulnerability of the City’s El Estero Wastewater Treatment Plant, to the



Photo by Kelly Lane/SBMERGE

Airport, to waterfront properties, and to buried infrastructure used for electricity, gas, and sewer.

In the meantime, Heal the Ocean continues to sound our horn on the need for every coastal city in this country to consider adaptation planning as important as controlling emissions – with particular focus on the vulnerability of wastewater treatment plants. The prospect of uncontained wastewater is a nasty picture none of us wants to think about.



EVERYONE LOVES HEAL THE OCEAN



“ Giving to Heal the Ocean is an incredibly rewarding experience. Our family is impressed with the impact and leverage our contribution makes. Dollars turn into action. Under the leadership and vision of Hillary Hauser, Heal the Ocean has shaped legislation that will change polluting practices. Heal the Ocean articulates a clear and precise plan for how we should THINK and ACT towards the ocean. The members of the Heal the Ocean community help us express how we FEEL about a beautiful day at the beach. This is a winning organization. ”

“ As someone who has served as Executive Director of another successful non-profit it has been extremely gratifying to be a member of this organization. The focus is clear and the follow through unrelenting in an effort to, as the name implies, Heal the Ocean in myriad ways necessary to achieve this goal. The cause will endure well past the current endeavors so whatever we accomplish today must continue on into the future. I encourage everyone to become a part of this organization in whatever way possible. ”

“ Many thanks to Heal the Ocean. I enjoyed working with them and their consultant. I am pleased that their particular experience and expertise were useful to our effective and ongoing management of onsite wastewater treatment systems (OWTS) or septic systems in the City of Los Angeles. Our collective efforts is expected to result in a successful grant process leading to the upgrading of antiquated wastewater systems within the City of Los Angeles or their connection to public sewers. I am grateful for their partnership and support in this effort. I commend Heal the Ocean for making the effort to encourage us in this very important project for the community. ”

“ Heal the Ocean is an organization that is focused on measurable, positive results. As the manager of a public wastewater agency, I greatly appreciate their commitment to clean water and their recognition that we are all working hard together to achieve the same objective. Instead of filing unnecessary lawsuits, HTO is focused on collaborative change - finding grant funds, sponsoring legislation, performing technical studies, and doing actual work to protect the environment. Hillary Hauser is a dynamo and her dedication and intensity are making a real difference in water quality in this area. Keep up the great work. ”

“ I’m a surfer. I like to surf at Rincon. The reason we will soon have a sewer pipe at Rincon instead of septic systems that drain to the ocean is because Heal the Ocean has fought for us to get it done...HTO is grassroots and cares what goes into the ocean...If you care what goes in the ocean, support HTO. ”

“ Heal the Ocean’s commitment to ending ocean pollution...is practiced every day. It is a personal highlight of my life to be associated with this organization making a huge difference to the ocean I love. ”

“ You couldn’t ask for a better organization that goes to the front line on behalf of the people in its community! HTO doesn’t just complain and bring awareness regarding a potentially health threatening situation, they go far beyond that by offering expert advice on how to correct the problems and preserve the health of our beaches and ocean. They are a top notch WORLD recognized organization and deserve the highest level of support! HTO sets the bar and serves as a role model for similar non-profits all across our country. ”

“ I manage several beach communities in Carpinteria, California (63 beach homes) who were operating on septic systems for many years. With HTO knowledge and water testing studies we were able to inform and convince our communities to convert to sewer treatment. Heal the Ocean was instrumental in working with local water municipalities in assisting us with the formation of a Sewer Assessment District, obtaining State bond financing, working through litigation and completing the installation from antiquated septic systems to a State of the Art low flow gravity feed ejection system that we can all be very proud of. Without their knowledge, assistance, involvement and support, I am sure we would still be in the planning stages. We owe HTO and Hillary Hauser a great deal of gratitude for their support and dedication to maintaining water quality for future generations. I wholly support all HTO does in identifying water quality problems and recommendations for improvements to our most important resource. ”



“ Through cutting edge research and science-based advocacy, Heal the Ocean has made significant strides in improving ocean water quality. From major projects involving septic-to-sewer conversions and hazardous waste contamination to weekend beach clean-ups, the dedicated Heal the Ocean staff and volunteers never take their eye off the ball. They are thoughtful, smart, committed and, most importantly, effective. Heal the Ocean gets results! ”

“ ...Since 1998, when they funded DNA studies to test for human fecal coliform at Rincon, Heal the Ocean has undertaken cutting edge scientific studies to identify sources of pollution. Heal the Ocean continues to help protect the ocean and the life within it, including us humans. ”

“ Heal the Ocean is making a significant difference in cleaning up the ocean in Santa Barbara County. It is very well managed and maintains its focus on reducing pollution in the ocean. The organization gets projects done as witnessed by the Carpinteria-area beach-front sewer project. ”

“ This is the most dedicated, passionate and effective non-profit I know of! The volunteers are committed to prevent more destruction to our beautiful ocean; as well as to “fix” the destructive things that can be! (For example: septic systems near the shore; and pesticide pollution to name two!) ”



HTO GETS 2012 GREATNONPROFITS TOP-RATED AWARD!



Heal the Ocean is one of four Non-Profit organizations in Santa Barbara to receive a 2012 GREATNONPROFITS Top-Rated Award through GuideStar, a prestigious rating organization that provides financial information on organizations, to encourage transparency. On these 2 pages are the reviews we got on www.GuideStar.org. Visit the website to read the Great NonProfits list for 2012!

“**Heal the Ocean is a driving force in coastal environment education and action**, from changing the way we treat our sewage to helping support other non-profits like our own with general public education and youth sponsored beach clean-up. The HTO staff has the passion, commitment and knowledge to continue to improve our coast and keep our water clean and safe for humans and marine life. Great work Heal the Ocean!”



And then there's this one...!

**Linda and Michael Keston
Los Angeles, CA 90049**



Hi Hillary,

Thank you for your wonderful letter of November 15, 2012. Linda and I are pleased to enclose our \$1,000 contribution to Heal the Ocean, which we hope will help you in furthering your excellent work.

You may not be aware that I served on the Board of Directors of the Regional Water Quality Control Board for Los Angeles/Ventura and on the Los Angeles Department of Water and Power for a combined total of ten years from 1990 to 2002. **Your septic-to-sewer program, where you work together with the local community and government agencies to come up with acceptable solutions, without the cost and waste of continuous litigations, is superb and most effective.** Also, your approach to recycle water with the Integrated Regional Water Management committee could be so critical to help substantially increase our water supply sources throughout Southern California. These are issues we struggled with in the late 1990's and I know your achievements will advance the cause of good Water Management.

Heal the Ocean, under your leadership, is an extraordinary organization which is a great resource to the entire community and I salute you for all your effort.

Best regards,

Mike Keston
MK/gf

“**Heal the Ocean has led the way for the protection of our ocean for a long time.** With Hillary Hauser at the helm, H.T.O. has been instrumental in safeguarding this valuable resource for all. They have brought forward an amazing amount of information that the majority of the public was not aware of. In doing so, intelligent decision making processes have been made on local and statewide policies,...further strengthening the 'protection of this most critical resource'.”



“**Heal the Ocean is doing exactly that – “healing the ocean”.** They have become a wonderful voice to all those who enjoy our beautiful oceans by drawing attention to the many ways we can help heal the water... We all are benefiting from the work they have done and are doing. The ocean can no longer just be a dump for all our waste and Heal the Ocean is doing the work to make us all become aware of how clean our oceans can and should be. Thank you, Heal the Ocean.”

Goleta Wastewater Treatment Plant Upgrade NEARLY FINISHED!

The Activated Sludge Basin is 100% complete and in operation. The Bio Filter is 100% complete and in operation! When the Goleta Sanitary District upgrade to full secondary treatment is fully operational – within a year! – HTO plans to toast the GSD Board of Directors and its General Manager Kamil Azoury with champagne.

When HTO defeated GSD's application for another five-year 301(h) waiver in 2002, the Regional Water Quality Control Board stipulated that GSD would be treating its wastewater to full secondary level by November 1, 2014. HTO had gone through years of work – getting the RWQCB to agree with us that it was time for GSD to upgrade, and then when GSD appealed to the State Water Resources Control Board to overturn the Regional Board order, we won that, too.

In 2002, at the time we settled our case for upgrade, 2014 seemed a long way off – twelve years! HTO contacted Metcalf & Eddy (now aecom), a sewer engineering firm we had worked with before, to inquire of one of its senior engineers how fast GSD could go if it desperately wanted to upgrade. Adding up all the necessary permitting processes, we calculated that we could only reasonably push them by a couple of years. HTO's Board of Directors agreed that it would be silly to run up legal bills to fight for a shorter time schedule by a couple of years, and so we settled.



HTO has been receiving GSD's quarterly progress reports all these years, and these reports are increasingly exciting to us as the project nears completion. We are also happy that the construction costs for upgrades have been about 20% lower than originally anticipated.

HTO has been on the Integrated Regional Water Management (IRWM) Steering Committee to advocate \$500,000 for GSD wastewater treatment plant improvement out of Proposition 84 Round I funding. HTO supports WWTP upgrades, increased funding for upgrades, and better treatment at all WWTPs.

Thank you, GSD, for being on schedule, if not sooner than scheduled! 2014 is here!



IF A PICTURE IS WORTH A THOUSAND WORDS...



Hillary Hauser shines a light on the GSD outfall

One reason we think we won the Goleta Sanitary District case was because of our diving with video camera on the GSD outfall. Although deep (90 feet), Jeff Maassen, Jim Knowlton of Blue Oceans Productions, Ventura, and Executive Director Hillary Hauser made a number of dives to the outfall and focused an underwater light on the wastewater diffusers. The length of our film was only as long as one is permitted to speak at a Regional Board hearing. Our now-historic video proved that if a picture is worth 1,000 words, a video film is worth a million.

THE SEWER LATERAL ISSUE

In December 2012, a sewage spill prompted the closure of Leadbetter Beach in Santa Barbara. This mishap occurred just before the Santa Barbara City Council received its Annual Wastewater Collection System Report – which brought to light that the spill was caused by the roto-rooting of a private sewer lateral above the sewer main.



The sewer lateral is the privately owned pipe that goes from the residence or building to the main sewer line in the street. Many laterals are old and cracked, and in some cases – missing altogether. When a lateral is not intact, tree roots intrude, creating obstacles for wastewater leaving the residence or building.

Then, when it rains, a lot of water leaks into the non-intact lateral, causing backups. This is why many roto-rooter trucks are seen going around during a rainstorm, and why the “wet weather” inflows to wastewater treatment plants are significantly higher than during dry weather times. This increased inflow often causes wastewater treatment plants to violate their National Pollution Discharge Elimination System (NPDES) permits.

As for the December 2012 Leadbetter Beach spill, HTO appeared before City Council during its Wastewater Collection Report to tell the City we are identifying a comprehensive list of sewer lateral ordinances across California, along with the specific triggers for inspection in those ordinances.



HTO SALUTES OUR BEACH CLEANER-UPPERS!

Heal the Ocean gives a big Thumbs Up to the enterprising students and/or their teachers, who volunteer to clean up a beach, or organize a beach cleanup, without being asked and without needing a big community or statewide establishment of such a day.

In September 2012, 30 kids from the Santa Ynez Valley Lighthouse Christian Youth Group tackled the job of cleaning up Tajiguas Beach under the watchful eye of Earl Richmond, Producer/Director of Richmond

Productions, Inc., Solvang. Richmond reported that even though the beach had been cleaned the weekend before as part of the National Coastal Cleanup Day, his youth group hauled out an additional 16 bags of trash weighing 249 pounds.



Tajiguas Beach got a good cleaning by these enterprising kids from Santa Ynez Valley Lighthouse Christian Youth Group.

Similarly, Santa Barbara Middle School contacted us, to arrange a beach cleanup of Leadbetter Beach. In January 2013, 17-20 SBMS students, all wearing HTO T-shirts, hit the sand, and in three hours picked up:

6 cigarette butts, 38 pieces of plastic, 12 pieces of styrofoam, 3 cans, 4 Plastic bags, 12 rubber gloves, 1 sandwich, 12 napkins, 25 pieces of paper, 13 pieces of food waste, a number of clothing items, 3 food containers, many other various and sundry things, but also a wounded bird that they picked up and rescued. We thank Caroline De Loreto, SBMS Coordinator, and Wren Sumerel SBMS field leader, for doing such a great job, and to all the SBMS kids, thank you for setting a great example of what we can all do on our own!



Santa Barbara Middle School students on Stearns Wharf.

HTO DOGGY BAG Program Goes through THE WOOF!

David Dawson, HTO Doggy Hero!

Hooray for Dr. David Dawson for renewing his annual \$6,000 commitment to HTO's Doggy Bag program, which provides funding for the doggy bags that are stocked in 8 dispensers from Summerland and Montecito to



Arroyo Burro (Hendry's) Beach. Dr. Dawson owns Montecito Pet Hospital, San Roque Veterinary Hospital, HydroPaws and Santa Barbara Veterinary Group, all of which are advertised on the dispensers. Please patronize

this wonderful sponsor!



Leslie von Wiesenberger

HTO also thanks Leslie von Wiesenberger for continuing her funding of the Rincon County Park dispenser bags, in honor of her beloved dogs Rocky and Rambo!



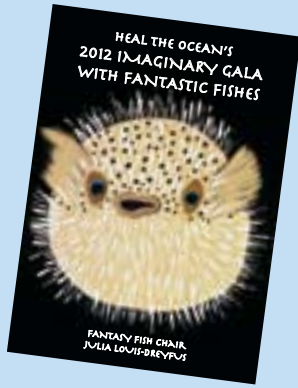
Heal the Ocean will give Community Hours to any student who organizes a beach cleanup of at least 2-3 people (more is better!). All you have to do is pick a beach, call Grant at the office (805) 965-7570 to request HTO t-shirts (free!), clean your chosen beach of trash, record what you've removed, take a picture of your group, and e-mail photos to Grant@healtheocean.org. Thank you!



HTO thanks the Santa Barbara County rangers for continuing to stock the doggy bag dispensers, and we thank Deb Clark and Jesse (HTO poster dog!), Val & Branden Aroyan, for stocking the Miramar Beach Steps and Hammonds Trail dispensers – you are doing such a fabulous job!

2012 IMAGINARY GALA WITH FANTASTIC FISHES!

Using the colorful “Fantastic Fishes” art of HTO Executive Director Hillary Hauser, Heal the Ocean had an Imaginary Gala for a second year in a row. The theme? “See the Fishes! No diving necessary! No scuba gear required!” Our wonderful Julia Louis-Dreyfus stepped forward for us once again, and served as Fantasy Fish Chair. We thank our fantastic human supporters, who helped us raise \$94,000 – the actual amount we put in the bank, which has enabled us to proceed with our projects and issues. The expenses were minimal to produce the wonderful greeting card sets of “Fantastic Fishes” that went out to all those who participated. We give thanks to the generous sponsors who made our “fun-raising” so successful!



*Fantasy Fish Chair
Julia Louis-Dreyfus*

“A NIGHT WITH THE RAT PACK”

After taking two years off from putting on an annual Gala, AHTO decided to have a catch up with our friends and supporters by having TWO parties!



“A Night With The Rat Pack” at the El Encanto on September 28, 2013 is a dinner show starring a fantastic trio of Rat Pack impersonators performing the old favorites of Frank Sinatra, Dean Martin, and Sammy Davis, Jr. There will be no auction, no raffle, just a good time!

For information on “New York, New York,” “My Way,” and other sponsorship levels, as well as individual seats, please call the HTO office (805) 965-7570. (Note: “elegant attire” at this event means please be comfortable.)

Earlier in the month, on September 8th, we are having a big HTO Celebration at Elings Park – see opposite page for details.

WE LOVE OUR INNOVATIVE FUNDRAISERS!

For the fourth fabulous year in a row, **Sotheby’s International Realty** chose HTO as one of the non-profits to be given the proceeds of their one-year (2012) collection of a portion of its real estate commissions! We are not only in awe of the sizable donation made to us, we are proud to be honored along with five other wonderful charitable organizations in Santa Barbara County: **Foodbank of Santa Barbara County, Transition House, CASA and Unity Shoppe**. To top it off, Sotheby’s added the global organization **Conservation International** to its list of fundees. We give deep thanks to all of the Sotheby’s realtors as well as a big bear hug to **Greg Tice**, Sotheby’s Senior Vice President and Brokerage Manager who ran a great show at the awards ceremony at the Cabrillo Arts Center in December 2012.

HTO is also honored to be picked by **Santa Barbara Shellfish Company**, which dedicated 10% of its proceeds for most of April 2013 to Heal the Ocean through a program set up by **Centralcoastdining.com**, which offered a 2 for 1 dining experience as part of this great fundraising program.

If you were driving north on the 101 Freeway this summer, you no doubt saw a big HEAL THE OCEAN banner on the side of **Patterson Self Storage**, a big green-roof building on Patterson Avenue on the mountain side of the 101 freeway. “Help Heal the Ocean!” the banner states, “Buy your summer moving boxes and help clean up our local ocean and beaches!” Special thanks to **Trudi Carey** of The Carey Group, Inc., an Architecture Planning company, for thinking of this idea! The fundraising campaign, from May 1 to September 1, 2013, was targeted at UCSB students moving in and out of campus housing.

And then there is, of course, **Marie Morrisroe**, whose generosity makes us quite speechless. Without warning, aplomb or adieu, Marie came to our office with her financial advisor and gave us a humongous gift that has made it easier for us to focus on our mission to clean up the ocean. Thank you forever, Marie.

Heal the Ocean thanks ALL of our donors, who contribute so generously to us! We cherish all of you. Because of you, we are able to do the work we do.



HTO Executive Director Hillary Hauser (front row far right) sits with four other representatives of Santa Barbara organizations that were gifted by generous Sotheby’s International realtors at the end of 2012.





1973 Rincon Photo © by Steve Bissell

You are invited to

HTO CELEBRATION 2013!

At Elings Park Godric Grove

Sunday, September 8, 2013 – 3 p.m. to Sunset

1298 Las Positas Road

Santa Barbara, CA

Music, Food by Epicurean Cowboy, Spirits, Fun!

\$100 per person

Look for your invitation in the mail!

Or: contact info@healtheocean.org for more information.

With Deep Appreciation

Heal the Ocean sends its sincere thanks to these contributors who have helped assure the success of our campaign for a clean and healthy ocean. This roster records donations made from May 1, 2012 to June 24, 2013. If your name has been omitted, we sincerely apologize and ask that you please call (805) 965-7570 so that we can correct our records.

Mystery Amount

Marie Morrisroe

\$15,000 - \$20,000

James & Wendy Drasdo/
Capital Group Companies
Charitable Foundation
Heather Hudson & Keith Crummer/
Roy E. Crummer Foundation
Dan & Rae Emmett
Jack Finnegan & David Jacobs
Poehler-Stremel Charitable Trust
Tomchin Family Charitable
Foundation

\$10,000 - \$14,999

Ella & Scott Brittingham/
Brittingham Family Foundation
Julia Louis-Dreyfus & Brad Hall/
The Hall Charitable Trust

\$5,000 - \$7,999

Anonymous
Sandy & Timothy Armour
Yvon & Malinda Chouinard
Francoise & James Park/Geopark
Sotheby's International Realty
Foundation

\$3,000 - \$4,999

David & Lyn Anderson
Frank & Bonnie Burgess
Thomas & Nancy Crawford
Robert & Cindy Gelber
Jodie Ireland/The LOJO Foundation
in memory of Frank Louda
Ron & Susan Morrow/
Capital Group Companies
Charitable Foundation
Henry & Nanette Nevins/
Nevins-Lewbel Property Mgmt.
Olivia Erschen & Steve Starkey
in honor of Luise Phelps, Peter &
Nini Seaman, Victoria Hines,
Bill & Dani Hahn

\$2,000 - \$2,999

Anonymous (2)
David & Theresa Dolotta/
The Dolotta Family Charitable
Foundation
Georgia & Ted Funsten

Eliot Crowley & Debra Geiger/
B&B Foundation
in memory of Paul Turpin
Jed & Kathy Hirsch
Johnson Ohana Charitable
Foundation
Just Folk Summerland/Marcy Carsey
& Susan Baerwald
Michael & Linda Keston
Ron & Stacy Pulice
Peter & Nini Seaman/
STS Foundation
Steve & Robin Ward

\$1,000 - \$1,999

Anonymous
The Allebrand Family - Kent, Brier,
Ellery & Cooper/Turpin Family
Charitable Foundation
in memory of Paul Turpin
Larry & Wendy Barels
Philip & Leslie Bernstein
Francesca Cava
Jim & Jolene Colomy
Thomas Dabney/
The Christopher Foundation
Elizabeth B. Denison/
Denison Family Foundation
Mr. & Mrs. Paul Dean Denison/
Denison Family Foundation
Brad Fiedel & Ann Dusenberry
in memory of Mike deGruy
Diana Miller & Brian Hershkowitz
Fred Herzog/Zog Industries
Rick & Cindy Jorgensen
Naila & Peter Lewis/Palm Ave.
Lofts LLC
Judith Little/William B. Little &
Judith A. Little Charitable Trust
Marilyn Magid/Frank &
Marilyn Magid Charitable Fund
Ginger Salazar & Brett Matthews/
The Matthews Salazar Imagitas
Foundation
David & Cristina Prichard
Garland & Brenda Reiter
Melissa & Christian
Riparetti-Stepien
in memory of Pauline Riparetti
Susan & Carl Robertson
Christine Ryerson/Jim Ryerson
Environmental Foundation Fund
in memory of Naomi Schwartz

Sam & Sherilyn Scranton
Mary Jane & Ronald Steele/
Steele Family Foundation
Thomas & Barbara Stevens
Gebb Turpin/Turpin Family
Charitable Foundation
in memory of Paul Turpin
Travis Turpin/Turpin Family
Charitable Foundation
Alan & Kathryn Van Vliet
Christine & Stephen Waterman/
The Waterman Foundation, Inc.

\$500 - \$999

Anonymous
Peter & Becky Adams
Cooper Allebrand/Turpin Family
Charitable Foundation
Elizabeth Armstrong
in memory of Mike deGruy
Megan Armstrong
in memory of Mike deGruy
Lee Parker Bacon
in honor of Hillary Hauser
Dave Clark & Kelly Brown/
Baja Grill
Wendel & Wendy Bruss/Argonaut
Charitable Foundation
Cars 4 Causes
Brian & Carrie Chee
Marcia R. & John Mike Cohen
Margaret Miller & Dean Dawson
in memory of Mike deGruy
Don & Cinda Erdman
Edward & Suzanne Eubanks
Harry & Sharon Felder
Roberta & Stan Fishman
FLIR Systems, Inc./FLIR Charitable
Giving through Payroll Deduction
Tisha Ford
Terilynn Langsev
Deb Monroe
Mark & Cathy Moseley/Coldwell
Banker Residential Brokerage
Brenda Nancarrow-Garrison
Devon Geiger Nielsen/B&B
Foundation
Joan Pascal & Ted Rhodes
The Roberts Brothers Foundation
John & Cynthia Sanger
Nan & Howard Schow
Virginia Sloan
The Stussy Family

Hoyt Tarola/Tarola Properties
Hunter Turpin/Turpin Family
Charitable Foundation
Evan Turpin/Turpin Family
Charitable Foundation
Sander & Virginia Vanocur
Gordon Wright
Jonathan & Elise Wygant

\$250 - \$499

Anonymous
Judy Eberhart & Ron Baker
Ron Beardsley
Jeanne & Fred Bradley
J'Amy Brown
Steve & Chris Brown
in memory of Eric Brown
Jon McCammond &
Mary Bucholtz
Marlene & Frank Bucy
Ann Smead & Michael Byram
Talie Cutler
in memory of Chris & Tim Cutler
Jettie Edwards
Robert & Christine Emmons
David & Monica Fishman
Gary & Hermine Gallup
Peter Hart
Anne & Houston Harte
Marianne & Jim Henry
in memory of Mike deGruy
Debra Herring
in memory of Mike deGruy
William W. Hildreth
Victoria & Lachlan Hough
Leonard & Melanie Judson
John & Janet McCann
Dan & Sandy O'Meara
William J. Otto, DVM/
The Bovine Bill Living Trust
Victoria Pauley
Heloise & Sandy Power
Susan M. Powers
Jack Rapke
in honor of Steve Starkey &
Olivia Erschen
Angelo Salvucci
Christiane Schlumberger &
Tony Allina
Stephen Segal/Stephen Segal
Construction
Evelyn W. Shafer
Betty Stephens

Cathy Miller Thomas
Shawnda Whitaker/TRUIST
Jeff & Jana Young

\$200 - \$249

Jon & Lynda Belchere
in memory of Jack & Joanne Belchere
Leslie Brice
Janice & Ronald Chase
David, Jeannie & Roxy Clark
in memory of Maxine Clark
Heidi Clever
Rich & Krista Coffin
Mr. & Mrs. Michael Connell
Ian & Anna Cronshaw/Cronshaw's
Pacific Island Homes
Connie & Dennis Doheny
in memory of Brandon Yates &
in honor of Brandon Doheny
Mr. & Mrs. William W. Drewery
Richard & Lois Gunther
Tom Liebengood
Alan Lionello
in memory of Gary Wilson
Robert & Linda Meyer
Mitchell Morehart
Julie & Jack Nadel
Karen & Bruce Raph/Town &
Country Water Gardens, Inc.
Catherine Rose
James & Ingrid Shattuck
Ed & Karen Shiffman
Margaret Staton
Joni & Gary Stauffer
Joann Tall

\$100 - \$199

Anonymous
Geoffrey C.S. Adams
in honor of Christopher Adams
Henry & Nancy Armstrong
in memory of Mike deGruy
MJ & Brad Bakove
Margo Barbakow
Maria Belknap/Marbel Conceptz
Rodney & Sharon Berle/
Contract Carpet Corporation
Joe & Kathy Beyers
in memory of Dick Jamgochian &
in honor of Sue Jamgochian
Diana Jo & Donald Blackwill
Norman & Rita Blau
Peter & Lilla Burgess
Susan & Brett Caine
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In Memory of...

Heal the Ocean cherishes each and every one of our members, and we are sad when we lose those who are dear to us. We thank those who have sent donations in memory of loved ones who have left us, and also historical figures who have benefited our community and our world. We are honored to memorialize the following people in the donation pages of this newsletter:

Jack & Joanne Belcher
Pearl Chase
Maxine Clark
Chris & Tim Cutler
David Floyd Davis
Mike deGruy
Kenny Edwards
Audrey Feiner
Andy Frease
Roger Green
Dani Harmer
Billy Horn
Dick Jamgochian
Dean Jensen
Edward Joujon-Roche
Katie
Stephanie Lord
Frank Louda
Lois Mae McConkey
Avalo B. Petri
Ken Price
Pauline Riparetti
Win Swint
Paul Hunter Turpin
Stan Tysell
Bettine Wallin
Gary Wilson
Lanny Wright
Brandon Yates

And of course
there is once again
"Busted the Cat"

Who is joined this year by
Mitzi the Dog
&
Luke & Haley, beloved dogs

The memory of these wonderful people, and their pets, lives on in our hearts as we work for the ocean they all loved.

1% FOR THE PLANET

Heal the Ocean has been among the top 100 recipients of 1% for the Planet, a growing global movement of 1,500 companies that donate 1% of their sales to a network of 3,411 environmental organizations worldwide. Among the requirements for being in this network: having clear objectives and a track record of effective environmental initiatives. 1% for the Planet was started in 2001 by Yvon Chouinard, founder of Patagonia, and Craig Mathews, owner of Blue Ribbon Flies, with the goal of becoming one of the largest funders of environmental work anywhere. Thank you, 1%!



IN MEMORIAM:
PAUL HUNTER TURPIN
 1953 - 2012



HTO was horribly saddened to hear of the passing of Paul Hunter Turpin on August 18, 2012. Paul was a lover of the ocean, a surfer and fisherman. "The ocean was where Paul found joy and solace," his obituary noted. "From his beloved Padaro to the Hollister Ranch, he was never far from the sea."

Paul and many of his family members within the Turpin Family Charitable Foundation – wife Evan, sons Hunter and Travis, brother Gebb, his parents Polly and George, and the Allebrand family, including Kent, Brier, Ellery and Cooper Allebrand – have all been gloriously generous supporters of Heal the Ocean for years. We send all our love and prayers to the family now and always. ☀



Surfer paddleout for Paul Turpin at Serena Cove

Donations made to HTO in loving memory of Paul Turpin

The Allebrand Family
 Kent, Brier, Ellery & Cooper
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Andy & Yvonne Neumann
 Summerland, CA

Joan Thompson
 Pasadena, CA

Russell & Sarah White
 Pasadena, CA

Susan Wofford
 San Marino, CA

For helping us protect the ocean that Paul so dearly loved, HTO is incredibly thankful for the support of the following members of the Turpin family:

Evan Turpin
 Gebb Turpin
 Hunter Turpin
 Polly & George Turpin
 Travis Turpin

A HTO BLAST FROM THE PAST!...

Some ramblings and reminiscences from HTO Executive Director Hillary Hauser...



◆ **Jeff Young & Hillary Hauser**, co-founders of HTO, at our first fundraiser, Biltmore Hotel, November 1998 – no rubber chicken, no frou-frou dessert, no food, no drink, just hard chairs lined up in rows like for a revival meeting. An overflow crowd heard our impassioned plea for funds to raise \$50K to “DNA every creek in Santa Barbara County.” We raised \$60K in 1½ hours – with the help of Jean-Michel Cousteau & JMC Institute manager Charles Vinick... and then we learned that DNA’ing the Rincon lagoon alone was \$36,000. (We went forward with the Rincon Lagoon, working with SB County Environmental Health and a Univ. of Wash. DNA lab.)

◆ Then-Assemblywoman Hannah-Beth Jackson called a Joint Assembly hearing in Santa Barbara to discuss the impact of septic systems on the environment, and speakers and experts came from all over in what might have been one of the first official gatherings recognizing the impact of poorly placed septic systems. Here, **Jeff Young** is speaking to the Committee.



◆ **Jeff Maassen (L) and John Robinson** (deceased, and we miss him furiously!) at sea off the Biltmore during a Deep Rover dive on the Montecito Outfall, made for HTO in 1999 by a huge team of oceanographers, pilots, technicians.

◆ **Francesca Cava**, a U.S. Naval Captain and submersible pilot (and John Robinson’s wife), preparing to make a dive on the Montecito Sanitary District outfall, located 1,500 feet off shore in 30 feet of water. You might say this was like using a B-52 to swat a fly. But we were trying to make a point that the outfall was too close to shore, where people swim. What really got our goat was that the tether to the sub got wrapped around an outfall diffuser, and NOAA called off the dive as “extremely dangerous.”



Mike deGruy (an expert diver and dear friend who died February 2012, we miss him like crazy, too!), was on deck and ready to untangle things. He could have done it on a free dive, but he was not a certified NOAA diver so they wouldn’t let him in the water.

◆ **Hillary and Jeff with Robert Kennedy Jr.**, when Kennedy came to speak in Santa Barbara in the late 1990s. Kennedy had (and has) a particularly powerful way of hitting people on the head with his words: starts slow and circles around the subject, the environment, - and then, tightens the noose until you’re gasping at what he’s saying.



◆ In the early days of HTO we did all kinds of public stunts to gather media attention to the ocean pollution issues we were talking about. We had a non-denominational prayer service for the ocean at All Saints by the Sea in Montecito and we had a sea animals parade on Cabrillo Blvd., where everyone came dressed up and marched around. Here you see **Jeff Young as King Neptune**, with his daughter **Alyssa**, who is now in college. Jeff is now Chair of the Central Coast Regional Water Quality Control Board, and he made Hillary promise that she wouldn’t ever publicize this photo.



◆ **Jeff Maassen** was an amazing instigator during HTO’s early rabble-rousing period. Here, he is diving with **Hillary** on the El Estero wastewater outfall. We went down to about 75 feet, scooped up the bottom, came up, opened the lid on our collection jar and said, in unison, “EWW!”



◆ In 2006 **Laura Lodato** joined the HTO Board and encouraged us to take a step upward – from dressing like sea animals, to having a full-scale fundraiser. We hired Tamara from IDO Events, and the Events Committee worked for MONTHS to put forth a most amazing Gala at the QAD facility in Summerland. Laura is shown at this first event far left, with **Jean-Michel Cousteau** and **Hannah-Beth Jackson**.



◆ **Jack Johnson** sang for HTO at the Arlington, then the SB Bowl, then at QAD and everywhere else we gathered... (he had to! I’m his “Aunty Hill”!) Our galas were sold out every year! I love **Jack and Kimmy** – they are family to me.





◆ **Julia Louis-Dreyfus** was our first Honorary Chair, and has been our Honorary Chair ever since. Even when we decided to do Imaginary Galas for a couple of years, Julia was “Fantasy Chair,” one year, and “Fantasy Fish Chair,” the next. There is no greater positive person than Julia – the funniest woman alive! And yet she is really, really serious about helping the environment. She and Jack helped put HTO on really solid feet.



◆ 1996 Gala Event Committee, L to R: **Pat Kelley, Hilary Doubleday, Paula Stussy, Alaya Dao, Kara Rhodes, Eileen Haber, Tiffany Dore, Laura Lodato (chair), Heather Clenet, Nicola Ghersen, Sara Farrar and Heather Hudson.**

◆ **Ruston** (far left) and **Ava** have manned HTO booths since our beginnings – over 14 years! Here they are with **Jack**, when Jack played UCSB stadium. Ruston is actually responsible for starting Heal the Ocean, because after Hillary’s article “Another Day at the Beach” ran in a Sunday edition of the Santa Barbara News-Press in August 1998, Ruston announced, “I’m going to organize a public demonstration!” And he did, on the steps of the County Administration building. And Jeff Young and I announced the formation of Heal the Ocean to a crowd of chanting protesters and honking cars. Ava soon joined in to order up t-shirts for everybody in town and ran the office on and off for years.



◆ On a more serious note, HTO’s attorney **Marco Gonzalez** (at left) of Coast Law Group finished our win of Goleta Sanitary District upgrade to full secondary, set up the Conditional Loan program for HTO to pay Carpinteria Sanitary District’s legal bills (\$100,000) when a legal fight broke out in the Rincon community over the septic-to-sewer project. He set up HTO’s Conditional/Gift Loan Program

by which homeowners within the South Coast Septic-to-Sewer Project (including Rincon, Sandyland, Sand Point and Padaro Lane) paid over a two year period our \$149,000 legal bill to **Fred Woocher** (at right), a fabulous elections attorney from Santa Monica, recommended to us by HTO donors **Dan and Rae Emmett.**



(Photo by Joni Sternbach)

◆ Meanwhile, **Heather Hudson** (left) would surf Rincon every day (here with her friend **Sue Peterson**). There were days Heather would paddle after the oppositionist people who were against the septic-to-sewer project and say “For Shame!” at them. We’re glad she’s on our side, and in fact she’s now an HTO Board Member. Another fierce HTO supporter, **Frank Louda** (at right) – now deceased and we miss him so much, too! – would call Hillary up to complain about the Rincon oppositionists by leaving a poetic voicemail that went something like “BLEEP those BLEEPs!” Hillary saved that voicemail for almost a year, to listen to from time to time for meditative purposes.



◆ The fabulous “**Rincon Rooters**” at one of our Events. These are the incredible Rincon homeowners who paid a BIG, FAT CHUNK of HTO’s legal bills, to get the Rincon sewer brought to their homes. They are dear to our hearts.



◆ So far, this political work has been a wild romp – sometimes to wonderful excess. On the Left is **Paula Stussy** (as Salvador Dali), **Laura Lodato** as a wild version of herself, and **Hillary** as a...a...strutting peacock. The picture on the right shows HTO fans on the shelf, in the basement of the old 1129 State



St. building where HTO offices used to be, bottom to top: **Tiffany Dore, Hillary, Paul Dore, and Kelly Clenet.**

Thus we come to the end of this snapshot of a little history of our fabulous organization! 🌞

Back Cover Art:

Original artwork by Dan Piraro. Reprinted by permission of Bizarro. (HTO honorary board member Brian Hodges turned us on to this one!)



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