

HEAL THE OCEAN



Hank Pitcher

There's a lot of movement within Heal the Ocean...some bittersweet, some with rejoicing, all with growth and change. We are thrilled that Founding HTO Board Member **Charles Vinick** has rejoined the Board (see column opposite), because Charles has been a solid rock in our organization since our founding.



Grant Schmitz

We bid a bittersweet farewell to HTO's loyal, trusty Office Manager **Grant Schmitz**, who has moved to southern Oregon, where he is looking forward to "lots of trees and a lot more water," and then we opened our doors wide to **Corey Radis**, who not only took over managing the office, but has become HTO's Operations Coordinator. Corey's background, with a master's degree in Environmental Fluid Mechanics and Hydrology from



Corey Radis

Stanford University, fits in perfectly with HTO's campaign for sustainable (and clean) water management. Corey is a Santa Barbara native and avid surfer, and almost every morning before coming to the office she gets a sunrise surf in at Hammonds or Rincon.



Ava Everett

Thank you, **Ava Everett**, for being with HTO since our beginnings, manning the office, working our public events, running our T-shirt sales and, with long-time HTO activist **Ruston Slager**, working our Earth Day booth. Ava has moved to Austin, Texas, with her husband **Craig Everett** (also an ardent HTO worker), to be near family.

We are proud of HTO Board Member and Event Manager **Heather Hudson**, whose latest Gracie Girl LLC production *The Women & The Waves 2* was accepted into the San Luis Obispo International Film Festival, and shown for two nights in March 2016. (See page 10 for info on the Santa Barbara showing in May!)



Heather Hudson

We cannot help but crow about HTO Policy Analyst **James Hawkins**, who has produced serious work for Heal the Ocean since he came on staff in 2012, greatly advancing our mission in practically every area (including writing and producing a widely distributed White Paper, *Potable Reuse: A New Water Resource for California*). Early in 2016 James applied to seven (7!) graduate schools: Harvard, Yale, Georgetown, USC, UC Berkeley, Duke University and the University of Chicago. He was accepted to all of them. James has chosen UC Berkeley because of its excellent program in environmental policy. Of course that means James will be leaving Heal the Ocean in the fall, and while we pull our hair out, we are proud of him beyond measure!



James Hawkins - off to school!

Finally, we're grateful to have top-selling Sotheby's International realtor **Dan Johnson** joining the HTO Advisory Board,



Dan Johnson

because in our outreach to communities about their wastewater handling and funding options, Dan has made our ability to reach homeowners so much easier!

WELCOME BACK, CHARLES VINICK!



Charles Vinick

Heal the Ocean's Board of Directors is thrilled to have HTO founding board member **Charles Vinick** back on our team! Charles helped HTO establish our 501c3 in 1998 under the wing of the **Jean Michel Cousteau Society** (now **Ocean Futures**), until we got our own non-profit status, and he was a strong guiding hand on the HTO Board for 12 years, until 2010.

Charles has more than 35 years executive and leadership experience with non-governmental organizations and companies in the areas of ocean policy, environmental policy, education, marine energy technology development, and chemical-free water treatment systems development. He is currently CEO of **Aquantis, Inc.**, a privately held company developing ocean current and tidal energy turbines for installation throughout the world. He was Chairman and CEO of **Ecosphere Technologies, Inc.**, a company that creates, manufactures and operates environmental, non-chemical systems to treat industrial wastewater. Charles has also served in other, earlier, positions include President and CEO of the **Alliance to Protect Nantucket Sound**, Executive Vice President and COO of **Ocean Futures Society** and Vice President of the **Cousteau Society**. He was director of the program to return Keiko (the Free Willy whale) to the wild, as well as a producer of Cousteau films. Mr. Vinick has received commendations



Charles Vinick with Keiko, the "Free Willy" whale

from the White House for his work with youth education and from the Los Angeles City Council for community environmentalism.

COVER PAINTING BY HANK PITCHER

Internationally acclaimed Santa Barbara artist **Hank Pitcher** is described not as an abstractionist, not a realist, but somewhere in between, grounded in a particular sense of place and providing an authentic vocabulary to describe life in Southern California. Hank is a long-time HTO supporter, and we thank him for letting us use his stunning art for our cover!



HEAL THE OCEAN® NEWSLETTER 2016

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Newsletter Printing & Design
WRITING/EDITING:
Hillary Hauser & James O. Hawkins
& Corey Radis
PRINTING: Graphic Traffic
DESIGN: Debbie Bellman

Printed on 100% recycled post-consumer paper using organic based toner
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MESSAGE FROM HILLARY



I don't agree with you... I don't like what you stand for... I will fight you. In the U.S., reaching across the aisle of differences seems to have disappeared. It is My Way or the Highway.

So it is with approaches to those who are battling environmental degradation. Certainly, the problems we all see need to be addressed – and forcefully – as these problems mount.

This is especially true in the area of water pollution and water scarcity. These two problems have created a disastrous relationship.

Heal the Ocean takes a unique approach to reaching across the aisle to remedy this mess. To the city and county agencies that need to deal with both water pollution and water scarcity, we have signaled a call that we are here to help them. Heal the Ocean pays for professional help to bring funds into a bad situation to create change. We are using excellent, reputable consulting firms to access state grant funds now available to help wastewater plants upgrade to recycled water, to help homeowners get off septic systems in unsuitable areas, and to mount very big projects to clean up contaminated groundwater.

Yes, Heal the Ocean sits down with representatives from these agencies to argue strategy. Yes, we turn in comment letters offering our point of view, even disagreeing. And yes, Heal the Ocean has entered official lawsuits against regional boards to deny permits of wastewater laxity, and we have lobbied "friendly" lawsuits against a state board (singular) to get going on regulations for septic systems that were supposed to be regulated under a State Bill.

But primarily, Heal the Ocean has figured out a way to help, in a manner that gets everybody what they want. We are paying for professional help to bring funds into a bad situation to create change.

Of course, environmentalists must be ready to lay a heavy hand on implacable environmental mayhems. No path is the right or wrong path, but they are different paths. There is more than one way to climb Everest. For Heal the Ocean, we are in a unique position to bring diverse entities and interests to the "table," to bring about the changes we seek.

In this way, we are fulfilling our promise to you, our supporters, who want to see the environment cleaned up. Together with you, we are paving the way forward for progress through partnership and collaboration. At this juncture, we are initiating a special fundraising campaign that goes beyond our normal means of bringing in our bread and butter — a Consultant Chest, if you will. Consultants come at a high price, but they are the experts who speak the specific language of Proposition 1 funding. They are the ones who can organize a project at our request, bringing people to the table to talk real dollars and cents. The fees we pay these consultants are multiplied many, many times over in grant funds to pay for infrastructure upgrade that we at Heal the Ocean — and you, as Heal the Ocean members — want to see happen.

In the pages of this newsletter you will see how this formula is working out — wonderfully!

Thank you for helping,

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.

GETTING WASTE(D)WATER OUT OF THE OCEAN = CAPTURING A VALUABLE WATER SOURCE

ACHIEVING SUSTAINABLE WATER IN SANTA BARBARA COUNTY

As millions in state water bond ("Proposition 1") funds continue to be released, Heal the Ocean is wasting no time in helping secure funding to ensure the sustainable development of local water supplies. We are working with public agencies and professional consultants to capture money that can be used to achieve progress in recycled water and cleaning up groundwater supplies.



"The Barn" - an artistic rendering of a conceptual wastewater recycling facility for the West Santa Ynez area

RECYCLING WASTE(D)WATER

Heal the Ocean is pushing for the advancement of potable and non-potable reuse projects as a significant supplemental supply of locally controlled water. In 2015-2016 we helped facilitate the following agencies to apply for planning grants that are prerequisite for Proposition 1 funding of construction:

Goleta Potable Reuse Facilities Plan: We helped establish a partnership between Goleta Water District/Goleta Sanitary District/Goleta West Sanitary District to work with RMC Water & Environment, Santa Monica, to develop a grant application for a potable reuse facilities plan. The grant has been approved by the state and the project partners are well under way in developing their facilities plan, which is due out in draft form by June 2017.

Santa Ynez Recycled Water Facilities Plan: We also brought RMC Water & Environment to the Santa Ynez Community Services District (SYCSD) to help the district submit an application for a facilities planning grant to build a recycled water facility. Rather than collecting wastewater and sending it to the Solvang wastewater treatment plant, SYCSD would send the collected wastewater to its own wastewater recycling facility (which SYCSD has affectionately called "The Barn").

Chumash Recycled Water Facilities Plan: Heal the Ocean organized the meetings between Chumash officials and Dudek Environmental Engineering, Santa Barbara, to help the tribe move forward with an application to the state for a facilities upgrade planning grant for its existing recycled water plant. The goal is to produce a higher grade water to use in hotel/casino cooling towers as well as for irrigation.



Lake Cachuma in April 2016

Photo by Janet Rowse

HTO thanks **John McInnes**, general manager of the Goleta Water District (GWD), & **Dave Matson**, assistant general manager GWD; **Steve Wagner**, general manager of the Goleta Sanitary District (GSD) and **Kamil Azoury**, former GSD general manager; **Mark Nation**, general manager of Goleta West Sanitary District; **Jeff Hodge**, general manager of the Santa Ynez Community Services District; the **Chumash Tribe**; **Rob Morrow** of RMC Water, Santa Monica, CA and **Jane Gray** of Dudek Environmental, Santa Barbara, CA for not only listening to us, but for all the work they did to help get some important recycled water projects on the Proposition 1 runway.

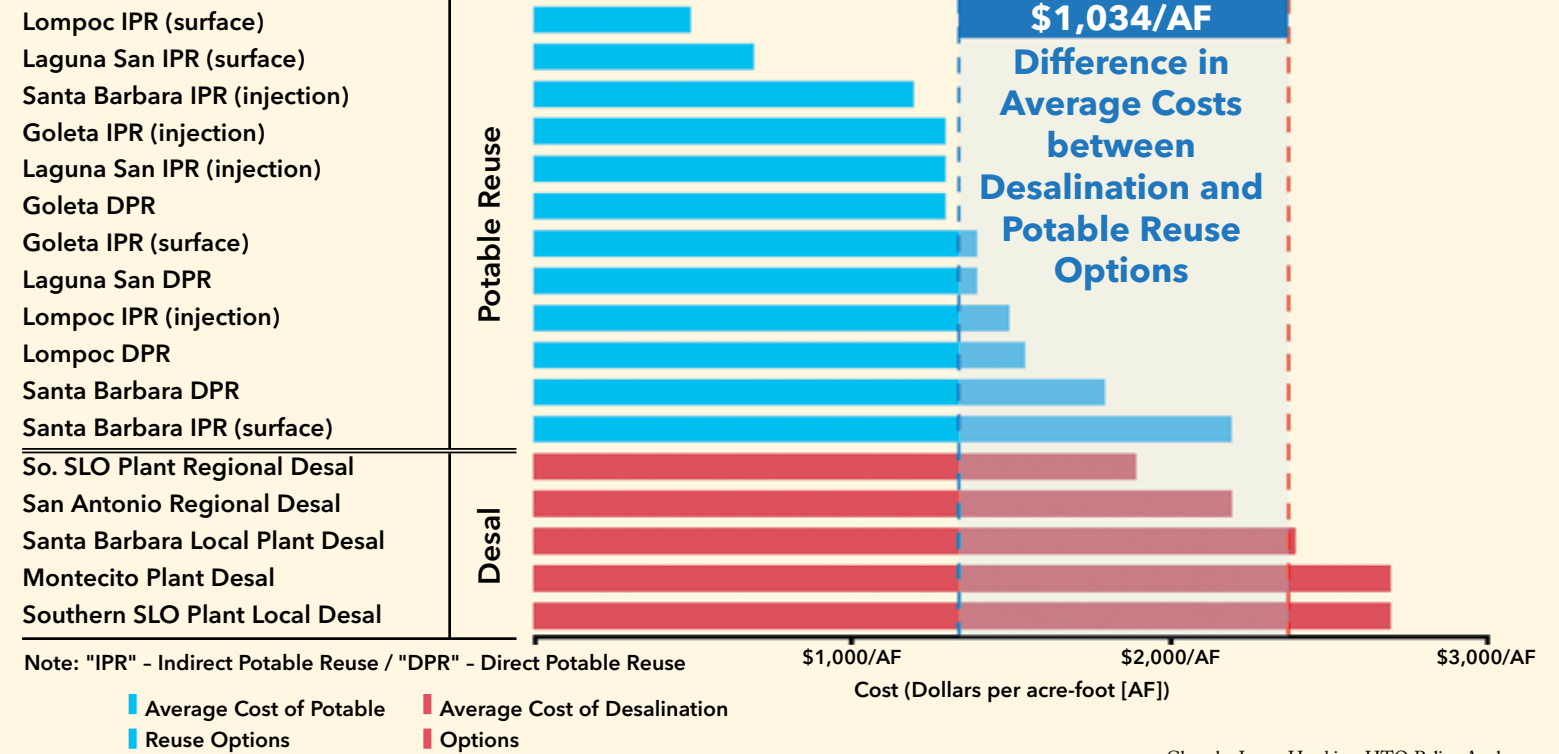
We also thank **Craig Murray**, general manager of Carpinteria Sanitary District, **Charles Hamilton**, general manager of Carpinteria Valley Water District (CVWD) and **Bob McDonald**, CVWD, for moving forward with their own facilities upgrade planning for the CSD wastewater treatment plant. Without our knowing, CSD and CVWD went on their way toward a Proposition 1 grant to build a wastewater recycling facility to produce indirect potable reuse water for the purpose of recharging the Carpinteria groundwater basin. The draft final Facilities Upgrade Plan was unveiled to the Carpinteria City Council in April 2016, to enthusiastic reception, including ours!

HTO PRESENTS AT LEAGUE OF WOMEN VOTERS FORUM

Continuing our push to educate the public and policymakers on the merits of advanced water recycling, James Hawkins, Heal the Ocean Policy Analyst, presented at the League of Women Voters of Santa Barbara forum on "Finding More Water" in January 2016. James discussed how potable reuse offers a safe, affordable, and environmentally sustainable water supply for our region.



James Hawkins



POTABLE REUSE VS DESALINATION COSTS IN SANTA BARBARA COUNTY

(All cost estimates are derived from the County of Santa Barbara's "Long Term Supplemental Water Supply Alternatives Report")

COUNTY REPORT POINTS THE WAY FOR POTABLE REUSE

As a part of our work on sustainable water initiatives, including recycled water, stormwater, and groundwater protection, Heal the Ocean met with Santa Barbara County Public Works Deputy Director for Water Resources and staff to request a number of changes to the County's "Long Term Supplemental Water Supply Alternatives Report," and we thank the County for incorporating much of our input.

The year-long project was headed by RMC Water, Santa Monica, and emphasizes that potable reuse (advanced water recycling) offers a highly cost-effective means to meet future water supply needs. HTO's analysis of the report shows that the **average cost of potable reuse is close to half the average cost of ocean desalination**. See the chart at the top of this page, prepared by HTO Policy Analyst James Hawkins, that succinctly illustrates the findings in the report.

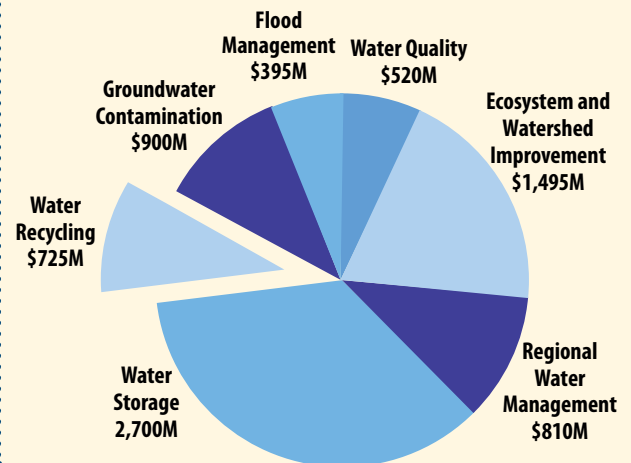
HTO HIRES CONSULTANTS TO ACCESS PROP 1 FUNDS

Heal the Ocean has engaged consultants from both **Dudek Environmental Engineering**, Santa Barbara, and **RMC Water**, Santa Monica, to get wastewater treatment and water plants on the road to upgrade and funding from Proposition 1. We appreciate donors who help us pay for this consulting work. Thank you!

WATER BOND OPPORTUNITIES

Approved by voters in November 2014, Proposition 1 contains \$7.5 BILLION for water projects, including \$900 million for groundwater cleanup and \$1,495 million for watershed improvement. It also authorizes a total of \$725 million for water recycling projects — a huge boost to statewide efforts to reuse a wasted resource. The State Water Board will be administering these funds and recently released draft guidelines for water recycling funding. Key details include:

- Recycled water facilities planning grants are now available for up to **50% of planning costs** for up to a total of \$75,000;
- Recycled water projects will be eligible for a maximum of 35% of eligible construction costs for **up to \$15 million**;
- The "match" of funds required by the State grant can be provided by State **low interest financing**, which reduces the financial hit to ratepayers.



HTO is offering any and all assistance to secure funding to get recycled water projects online, whether it be help on applications, consultant expertise, or information for districts that pursue these projects.



David M. Schrader/Shutterstock

LAMP IS LAW

Heal the Ocean is celebrating the Central Coast Regional Water Quality Control Board's approval of Santa Barbara County's Local Agency Management Program (LAMP). Ratified by the Regional Board in November 2015, it became law in January 2016, and is now regulating septic systems throughout the county.

The new regulations establish requirements for the operation and installation of new and existing septic systems, conditions for upgrade to supplemental treatment, and a new program to address groundwater pollution from faulty systems.

The LAMP had its birth under Assembly Bill 885, drafted by then-Assemblywoman **Hannah-Beth Jackson** in 1999. Regulations under AB 885 were originally set to be completed by 2004, but were ultimately delayed for years. In 2011, Heal the Ocean and Santa Monica-based **Heal the Bay** filed a "friendly" lawsuit to spur the State Water Board to finish the implementation of this policy. After significant work by HTO and other stakeholders, the State Water Board adopted the **Onsite Wastewater Treatment System Policy** in 2012.

At a key stage in the process of developing the regulations to implement the state's policy in Santa Barbara County, **Heal the Ocean protested to the Regional Water Board** to require action in addressing existing septic systems in areas of the County where previous studies have pointed to risks of pollution.

In response to Heal the Ocean's input, the adopted regulations for our region establish one of the first programs in the state tailored to address groundwater pollution specifically from faulty or substandard septic systems.

WHAT THE LAMP MEANS

What the LAMP means to septic system owners in "problem areas" like Santa Ynez or Los Olivos, is that a homeowner with a septic system failure may be required to install supplemental treatment, with the following consequences:

- An advanced treatment system comes at a cost of thousands of dollars (approximately \$40K);
- The owner of an advanced treatment system is required to perform routine, ongoing maintenance on the system. The minimum inspection frequency pursuant to the LAMP is once per year.

WHAT HTO IS DOING

West Santa Ynez Septic-to-Sewer Project:

HTO helped facilitate a partnership between the Santa Ynez Community Services District (SYCSD) and Santa Barbara County Environmental Health Services for \$150,000 funding for an engineering plan to hook up sewer service for 383 parcels in the West Santa Ynez area. With hundreds of septic systems on crowded lots and unsuitable soils, the level of nitrates is rising in groundwater. HTO's outreach to homeowners has generally been met with a positive response. Annexation of the area into SYCSD was approved by LAFCO on May 5, 2016 (with extensive HTO advocacy), and now costs can be worked out and homeowners can vote whether or not to connect.

Los Olivos:

With nitrates also rising in the groundwater beneath Los Olivos (in both deep and shallow aquifers), Heal the Ocean is conducting an information drive to Los Olivos residents about their options to bring public sewer into the town, with SYCSD planning a "satellite" pocket plant for wastewater recycling. SYCSD has filed papers with LAFCO to increase its Sphere of Influence to include Los Olivos. This will provide a format not only for discussion, but to work out costs and the means by which residents can decide whether or not to move ahead.

Chumash Recycled Water Facilities Plan:

Heal the Ocean organized meetings between Chumash officials and Dudek Environmental Engineering to help the tribe move forward with an application to the state for a facilities planning grant that would upgrade its recycled water plant to produce a higher grade water to use in hotel/casino cooling towers, plumbing and for irrigation.

GROUNDWATER

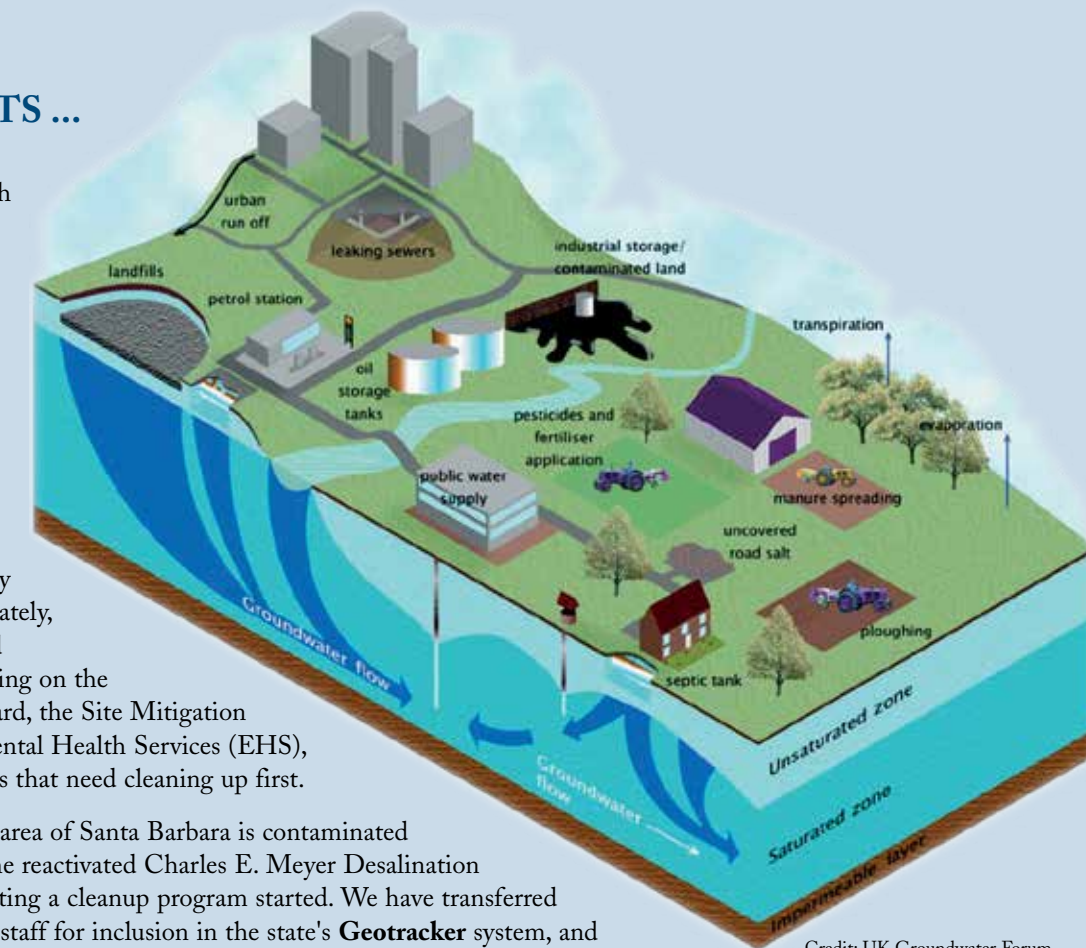
GETTING AT THE HOT SPOTS ...

Back in 2005, Heal the Ocean participated with the City of Santa Barbara in a 3-year study by USGS that, among other things, illustrated the connection between groundwater and ocean in Santa Barbara, as is the case everywhere in the world. To work effectively on ocean pollution problems, it is necessary to work on groundwater pollution problems (i.e., shallow groundwater contamination as well as septic systems).

Groundwater can be polluted by lead, oil derivatives, solvents, volatile organic compounds (VOCs) and other chemicals, rendering it not only useless, but hazardous to human health. Unfortunately, the City of Santa Barbara has many contaminated groundwater sites. Heal the Ocean has been working on the problem for years, together with the Regional Board, the Site Mitigation Unit (SMU) of Santa Barbara County Environmental Health Services (EHS), and our own researchers, to identify the worst sites that need cleaning up first.

The groundwater beneath most of the waterfront area of Santa Barbara is contaminated (a problem recently seen during construction of the reactivated Charles E. Meyer Desalination Plant), and for years HTO has been intent on getting a cleanup program started. We have transferred our files to the Regional Board Hazardous Waste staff for inclusion in the state's **Geotracker** system, and we have hired help for Regional Board staff to get this information organized into the system.

We have now contracted with **Dudek Environmental Engineering** to access Proposition 1 funds to clean up a preliminary list of contaminated sites in the City of Santa Barbara. Now that there are state funds to clean up these sites we have been meeting with Santa Barbara County EHS Site Mitigation Unit staff **Paul McCaw** and **Tom Rejzek** to finalize a list of eight sites to start with, which SMU has prioritized.



Credit: UK Groundwater Forum

HEAL THE OCEAN'S MOTTO:

☀️ **WHATEVER YOU SEEK TO CHANGE,** ☀️
FIND THE MONEY TO DO IT

PLUMESTOP™ - THE MAGIC ANSWER?

The real heroes in the great challenge of cleaning up Santa Barbara's contaminated groundwater may be **Neil Dipaola** and **Tony Tomasello** of **Mesa Lane Partners**, in Santa Barbara, who are working on a green, groovy project in the Santa Barbara Funk Zone. Before building anything on the property, Dipaola and Tomasello did extensive research on how to clean up the groundwater beneath their site, and their searching led them to Plumestop™, a colloidal biomatrix technology that has proven to "achieve rapid groundwater contaminant concentration with accelerated bio-destruction."

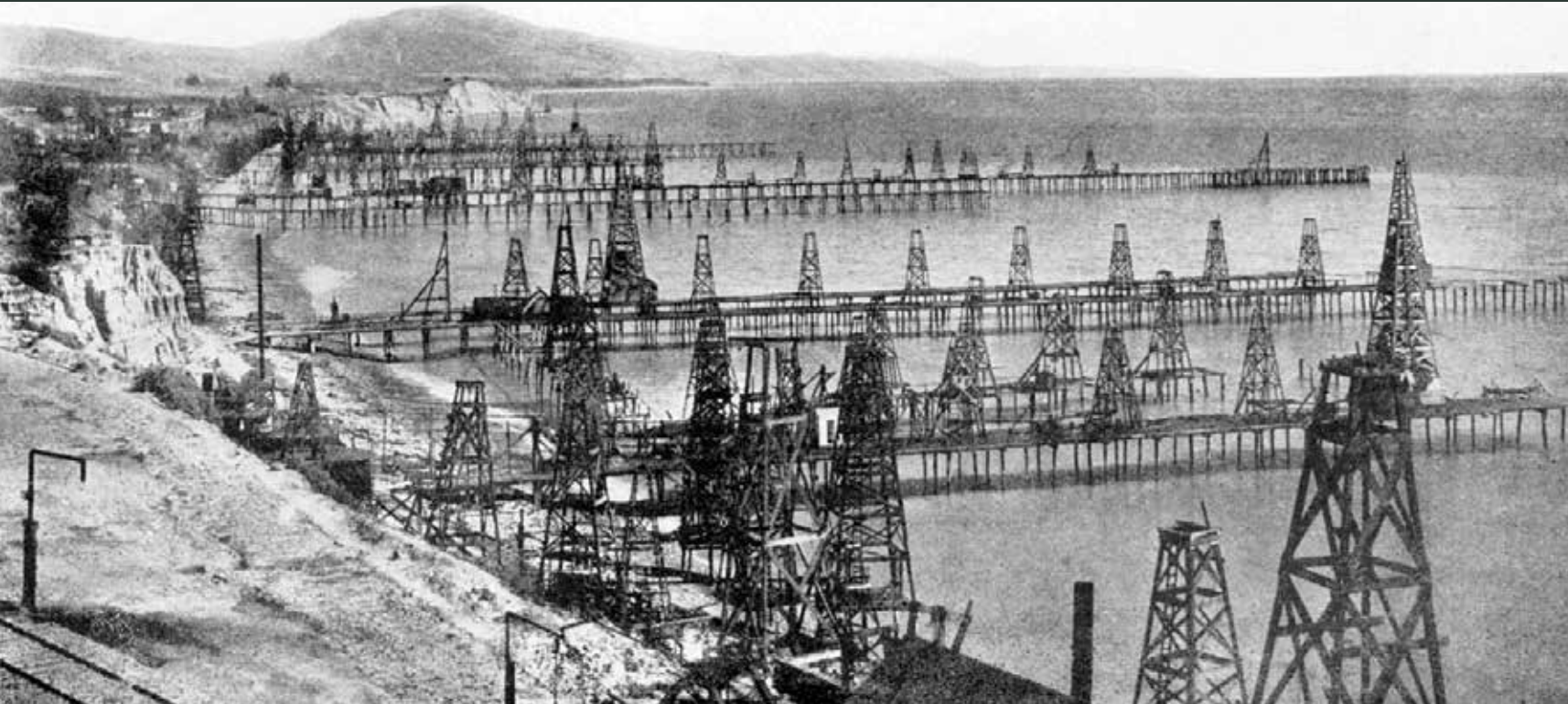
The chalky stuff is injected into the groundwater, binds to the chemicals and destroys them, and within three to four weeks, water monitoring registers a Non Detect (ND) for constituents of concern. HTO is now working with SMU staff **Paul McCaw** and **Tony Rejzek** and **Dudek Environmental Engineering** consultants to see if Plumestop™ can be used for other contaminated sites.

911

We want to remind all HTO members that if you see a sewage spill you can simply call 911. The dispatch will be immediately directed to the appropriate agency, such as the fire department or sanitary district, for an emergency response. This goes for the City of Santa Barbara and the County, too.

ILLEGAL POLLUTING ACTIVITIES

If you see illegal leaf blowing into the gutters, or washing of sidewalks into the gutters, or anything that doesn't look right to you, call the HTO office right away (805) 965-7570. We will have the appropriate City or County official out to the site immediately!



Summerland Beach, 1915

Archival Photo

THE SUMMERLAND OIL MESS

Heal the Ocean started getting calls at our office during spring 2015 when the ever-popular Summerland Beach became fouled day after day with oil.

There are periodic but numerous oil leaks on Summerland Beach, because it was a chaotic scene of wildcatting in the late 1800s-early 1900s. Cited as the "first offshore oil field in the world," many wells were sunk off piers and in shallow waters. And in those days, when a wildcatter abandoned a well, the well was stuffed with rags and rocks, a bit of cement, and that was it.

Today, these improperly abandoned wells are leaking—fouling not only Summerland Beach, but neighboring beaches as well, depending on wind and tide.



March 3, 2016 Lookout Park, Summerland, by Harry Rabin/On the Wave Productions

One of the biggest culprits in this scenario is the uncapped and leaking Becker Onshore Well. When the tide is low, beach walkers can see the black oil bubbling up from it.

The **State Lands Commission (SLC)** "owns" all improperly abandoned oil wells in California, so when HTO heard there was a SLC hearing scheduled in August 2015 in Orange County on the Summerland issue, we showed up to offer help. We told the SLC panel we would hire a consultant to get Proposition 1 Water Bond money to cap the Becker Onshore Well.

We hired **Dudek Environmental Engineering** to apply for the funding and SLC staff came to our office in Santa Barbara. Together we worked up a plan of action to get our Notice of Intent letter in for the Proposition 1 funding by the November 2015 deadline.

Big problem: we had to show that we had \$200K for CEQA, and all the way through to the November deadline, we couldn't find these funds anywhere. That was unfortunately the end of our grant application.

Meanwhile, State Lands moved forward with mapping and measuring the well.

Then, **Assemblyman Das Williams** successfully included line items into the State's proposed budget for FY 2016/2017 for the \$200K needed for CEQA, as well as an additional \$700K for FY 2017/2018 to pay for actual project construction. HTO mounted significant public advocacy to keep these funds in place through the end of the budget process, gathering many letters from our members and supporters to send up to Sacramento. Heal the Ocean is keeping an eye on this issue, and on its resolution.

SB 900 - OIL CLEANUP ACT

The Becker Onshore Well is just one uncapped oil well problem along the California Coast, and in January 2016, Senator Hannah-Beth Jackson introduced SB 900, the Coastal Oil Well Cleanup Act. The bill, among other things, will create a program to address over 200 oil wells in California's coastal waters that are improperly abandoned and leaking oil into the ocean. We applaud Senator Jackson for her work on this issue.

Getting a Grip on Waste(d)water Management

HTO COLLABORATING WITH DWR ON STATE INVENTORY PROJECT

Heal the Ocean has taken our "waste(d)water" campaign statewide.

James Hawkins, Policy Analyst for Heal the Ocean, has been working with the Water Recycling & Desalination Section at the State of California Department of Water Resources (DWR), on an inventory of all ocean discharges of wastewater in California. The goal is to estimate and document the volume of wastewater that could be reclaimed without adverse impacts to downstream water rights or environmental uses.

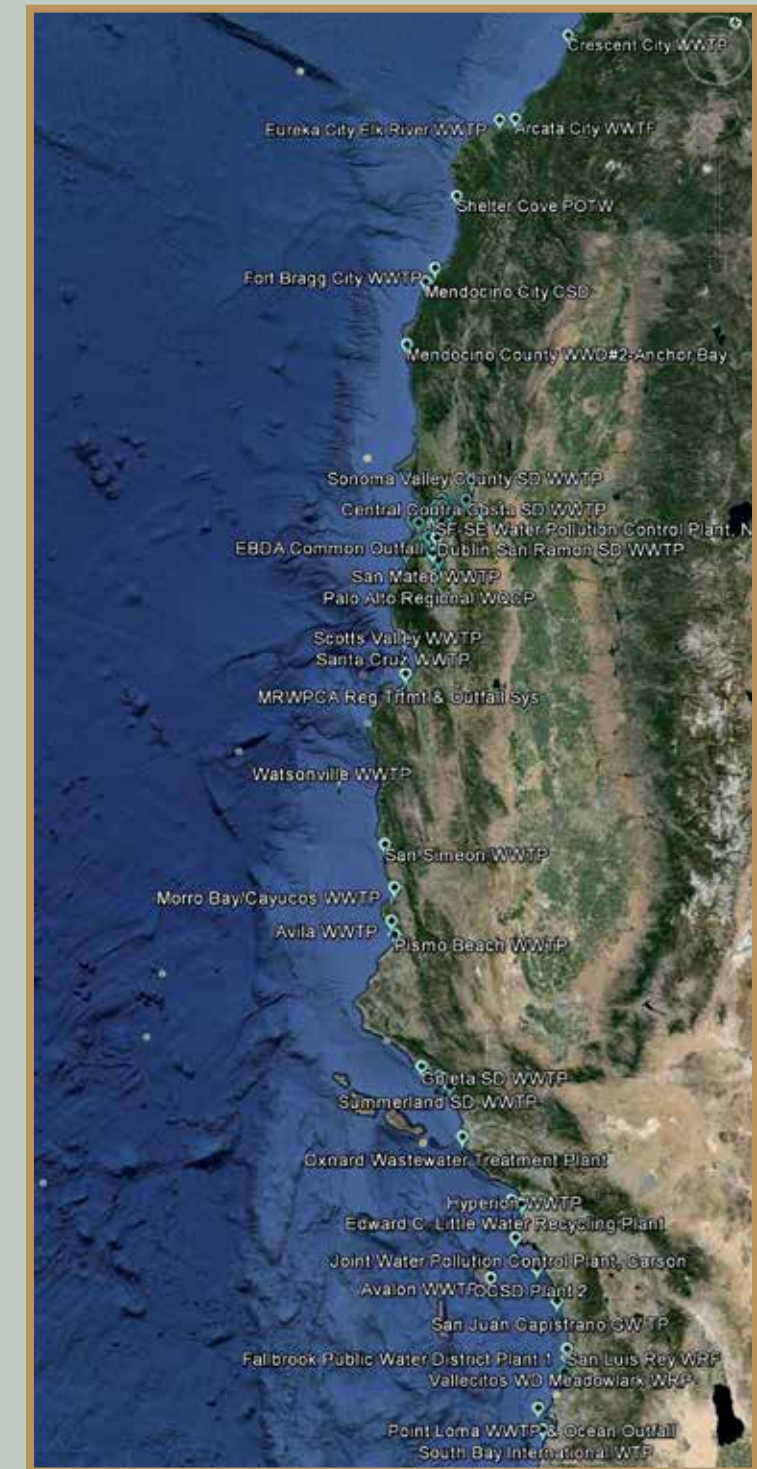
The final report will be launched during the summer of 2016, and be accessible to all.

HTO's "**California Ocean Wastewater Discharge Inventory**," published in 2010, found that coastal treatment plants were discharging approximately **1.3 billion gallons of wastewater per day** into the sea, representing a significant source of potential recycled water. While conservation measures in California's drought have likely reduced total wastewater discharges to an extent, it is expected that the updated report will show that California still has a significant supply of wastewater available to help alleviate water scarcity in the state.

HTO initiated the project in the spirit of the **California Water Action Plan**, which states that "working together and continued collaboration is essential" to achieve progress in California water management. Specifically, documenting the volume of wastewater potentially available for water recycling is a critical component for meeting the objectives of the Water Action Plan to achieve reliability, restoration, and resilience in California's water system.

Working with **Michael Ross** of DWR's Water Recycling & Desalination Section, James and HTO Operations Coordinator **Corey Radis** have consulted CIWQS/eSMR data portals, reviewed dischargers' NPDES permits, and contacted each of the six Regional Water Boards with coastal jurisdiction to ensure the lists are complete and accurate.

This project has the potential to fill in critical missing data points in California water management and ensure the protection of our limited water resources. It is our hope that the project will better inform the water debate at a time when we need to prioritize sustainable water resources, like recycled water.



Preliminary sites of municipal wastewater dischargers to the Pacific Ocean & coastal bays that are included in the state inventory. Note: not all dischargers are represented on this map.

HTO ORGANIZES GROUNDWATER BASIN ASSESSMENT

As part of our Waste(d)water campaign and effort to promote recycling/potable reuse projects, HTO organized a study of the Montecito groundwater basin, to determine whether the basin could be suitable for groundwater recharge with highly treated recycled water. We formed a three-way partnership with the **Montecito Water** and **Montecito Sanitary** districts to engage **Dudek Environmental Engineering** to perform the study.

Completed in September 2015, the study concluded that groundwater recharge is infeasible in Montecito. These results help the community decide on the next steps it might take for recycled water: Irrigation-quality water distributed through purple pipes does not have to be as highly treated as recycled water for groundwater recharge.



Rincon shoot in January 2016 by Environment One

Photo by Heather Hudson

ENVIRONMENT ONE FILMS HTO AT RINCON

After reading the HTO saga of the Rincon Project, **Environment One**, a New York-based manufacturer of wastewater systems, brought a film crew to California to film HTO staff — Board member **Heather Hudson**, Operations Coordinator **Corey Radis**, and Executive Director **Hillary Hauser** at the Rincon, telling highlights



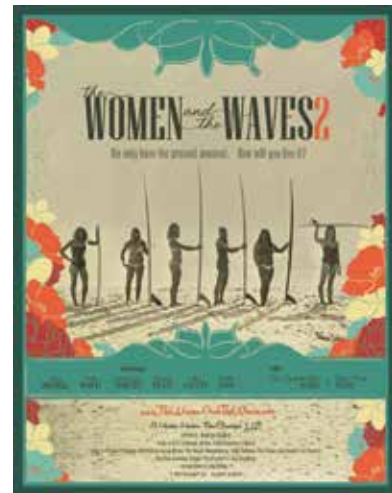
Corey Radis & Heather Hudson at EOne shoot, Rincon

of Heal the Ocean's epic battle to get the septic systems removed from this popular surf area. The crew also interviewed and filmed Rincon homeowner **Steve Halsted**, who headed up the Rincon homeowners to help us on the project, and **Craig Murray**, General Manager of the Carpinteria Sanitary District, which hooked up not only the homes of the Rincon, but also Sandyland, Sandyland Cove (Sand Point), and Padaro Lane. It was great to see all the surfers enjoying the water without worrying about septic pollution issues!

THE WOMEN AND THE WAVES 2

May 21 Showing Benefits HTO

Heal the Ocean is excited to announce that our own **Heather Hudson**, HTO Board Member and Events Director, has produced a film, "The Women and the Waves 2," with a showing in Santa Barbara at Surf Nite at the New Vic Theater on **May 21, 2016** benefiting Heal the Ocean.



The documentary surf film, which celebrates women and their unique approach to surfing and life, was an official selection at the San Luis Obispo International Film Festival in the Central Coast Filmmakers Showcase during March 2016.

The May 21 Santa Barbara showing topped off with a great raffle, is a great gift to Heal the Ocean. Thank you, Heather!

HTO & CITY PARTNER ON EF INTERNATIONAL SCHOOL CITY-BEACH CLEANUP PROGRAM



Heal the Ocean and the City of Santa Barbara partnered in a mammoth cleanup of both the City and Santa Barbara south County coastline, organized by **EF International Language School**, Santa Barbara campus. EF International created an Ocean & Environmental Awareness campaign for their 500-member student body that featured a widespread annual beach cleanup on Earth Day, April 22, 2016.

HTO provided T-shirts and cleanup equipment for the beach crew, with funding help from the **Johnson Ohana Charitable Foundation**, founded by **Kim and Jack Johnson** to support environmental, art, and music education.



EF students tackle the beaches, Earth Day 2016

Once again, Heal the Ocean has been able to send significant funds to the County of Santa Barbara to help pay for its annual cost of stocking biodegradable dog bags in beach and park dispensers of south Santa Barbara County. In 2015 our dog dispenser sponsorship program raised **\$17,000** for the County, and in 2016 we want to do more!

We are grateful to **Dr. David Dawson** for renewing his annual sponsorship on behalf of San Roque Pet Hospital, Montecito Pet Hospital, Goleta Airport Animal Hospital, and Hydropaws Animal Rehabilitation and Performance Center. We also send big thanks to **Advanced Veterinary Specialists (AVS)**, a 24/7 Emergency Pet Care in Santa Barbara, for their generous sponsorship, and a big bark-out also goes to **Leslie von Wiesenberger**, who funds the bags in the Rincon dispenser.

A special shout-out also goes to **Jim and Wendy Drasdo** for their generous contributions to our program, in honor of the late, great Walter Drasdo, their beloved family dog.

We thank all of our donors who buy bags (\$60 for 1000 bags) in the name of their dogs!



Mabel sends donations from San Francisco!



Callie & Carson Jordan contribute to HTO's doggy bag program!



Aye'la has been buying HTO dog bags since she was a puppy!



Knute ("NuNu") loves to help!

BAG HISTORY

In 2010, HTO learned that Santa Barbara County was considering dropping the \$23,000 price tag of stocking dog bag dispensers in the south county, so we jumped into action with our Dog Bag Dispenser program. This successful public-private partnership has protected the County program from a budget cut to the bags and has helped keep our beaches and trails clean for over six years.

AVAILABLE DOG BAG DISPENSERS!

There are 13 parks, beaches, and open spaces in Santa Barbara available for dog bag dispenser sponsorships. HTO will work with you to design and print custom stickers for your dispensers while the County park rangers re-stock them. HTO installs the stickers and maintains them. By sponsoring a dispenser, your business is advertised for a full year, and you are helping to keep our beaches, trails and creeks clean!



ADVERTISE YOUR BUSINESS ON A DISPENSER!

Call the HTO office (805) 965-7570, or e-mail info@healtheocean.org for information and prices on dog bag dispensers where you can advertise your business!



HTO volunteer Ben Boyce installs a doggy bag sponsor sticker on a park dispenser

PLEASE PICK UP YOUR BAGS

We wish we didn't have to post this plea, but HTO hears about it all year long – the problem of used doggy bags, tossed by the side of the trail, into the rocks, at the beach, etc. This defeats the purpose of cleaning up after your pooch! Please take care to properly dispose of used doggy bags.

Heal the Ocean's AN EVENING WITH ELVIS!

HTO thanks our Rock Star Event Sponsors!

(Won't you be my)

TEDDY BEAR

Marie Morrisroe

KING CREOLE

Brian & Laurence Hodges

LOVE ME TENDER

Dan & Rae Emmett Family

The Roy E. Crummer Foundation

Adam & Kara Rhodes

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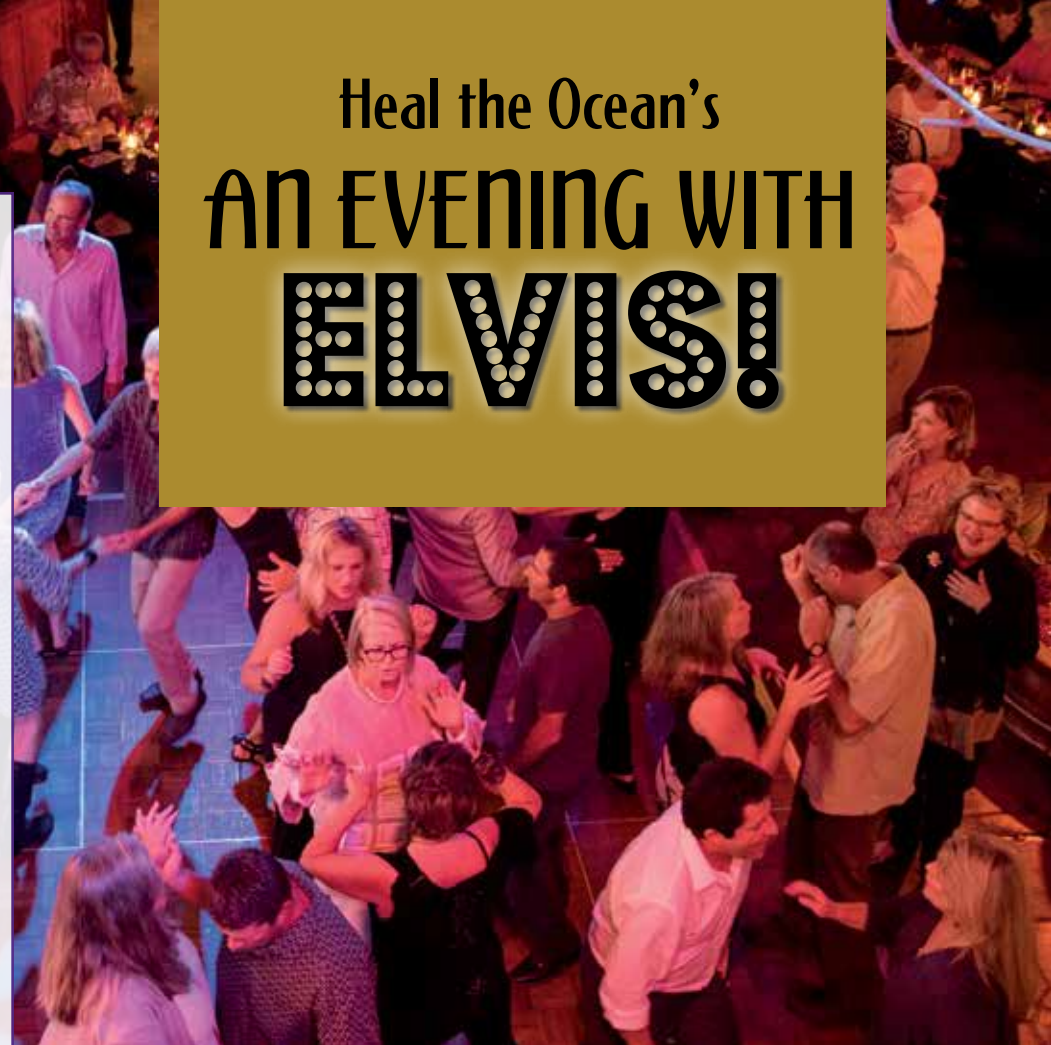
Arthur L. (Skip) & Deborah Hudson

Judy Little

Henry & Nanette Nevins

Susan W. & Carl W. Robertson

Jonathan & Elise Wygant



ALL PHOTOS BY BRANDEN AROYAN

*We put on our blue suede shoes
and were rockin' all the time!*

SOLD OUT AND SOULED OUT!

There was never a party like this one! 200 guests into the El Paseo, designed by HTO Board Member (and Event Coordinator) Heather Hudson, who also created all the prizes for the Auction - auctioned by Russ "The Rockioneer" Stolnack with gusto. Mexican cuisine, good vibes - and a whole lot of shakin' in the crowd.



Priscilla, Cardboard Elvis, Mayor Helene Schneider, State Senator Hannab-Beth Jackson



Kathleen Ousley, Christine Feldman



Scot Bruce as Elvis - The King!



Karen Yoon, Bruce Raph



Hillary Blackerby, Assemblyman Das Williams



Mike & Dayna Jordan



Randi & Harry Rabin



Brad Fiedel & Ann Dusenberry party!



Erin Graffy, Hillary Hauser, Craig Murray, Senator Hannab-Beth Jackson, Jean-Michel Cousteau



Heather Hudson & Hillary Hauser



Russ "The Rocktioneer" Stolnack



Hillary, hamming it up



Kellie & Damien Clenet, Sara Farrar



Bill Gallivan, Keith Crummer, Dan Fox



Teresa McWilliams, Mimi deGruy, Darcie Dierenfeld, Thomas Dabney



SAVE THE DATE!

HTO Honorary Chair
Julia Louis-Dreyfus



invites you to be totally

SURPRISED

at
Heal the Ocean's
ANNUAL
CELEBRATION!
at the
Historic El Paseo



OCTOBER 22, 2016

Mystery guest artists!
Dancing! Music! Fun!

Rock and Roll
with
Heal the Ocean
at our
Annual Celebration!

DON'T MISS THE
FUNNEST PARTY OF
THE YEAR

CELEBRATING OUR FRIENDS



A BIRTHDAY PARTY DONATION FROM LIAM

On Monday morning, April 11, 2016, 5-year-old **Liam Skidmore** came to the HTO office with a present for us: for his 5th birthday party he asked his friends not to bring gifts, but instead donations for Heal the Ocean. He had his collection in a white envelope which he proudly presented to HTO Policy Analyst **James Hawkins** and said that he and his friends put together this money because they "love the fishes!" Thank you, dear Liam and your friends – we are greatly honored!



BRITTINGHAM FAMILY FOUNDATION FUNDS NPR CAMPAIGN FOR HTO



Heal the Ocean's work for clean water and fighting the drought will be heard on morning commutes far and wide thanks to a tremendous donation by the **Brittingham Family Foundation**, which is sponsoring our 30-second spots 7 days a week, from January through December 2016, on NPR's Morning Edition – **KCRW (88.7 FM)**. The Brittingham Foundation, which has given significant support to Heal the Ocean through the years, has certainly given us a gift that keeps on giving, and we can't thank them enough. Don't forget to dial into 88.7 FM on your way into work!



SOTHEBY'S INTERNATIONAL HELPS HTO 6TH YEAR IN A ROW

At the end of 2015, HTO Executive Director **Hillary Hauser** was presented a generous check from **Dave Osman**, Sotheby's Vice President, Brokerage Manager in Santa Barbara.



For the sixth fabulous year in a row, **Sotheby's International Realty** chose HTO as one of the non-profits to award the proceeds of their one-year (2015) collection of a portion of its real estate commissions! We are not only in awe of the sizeable donation made to us, we are proud to be honored along with four other charitable organizations in Santa Barbara County. We give deep thanks to all of the Sotheby's realtors as well as a big farewell bear hug to **Greg Tice**, Sotheby's Senior Vice President and Brokerage Manager who has retired from running the program.

PEET'S COFFEE HOLDS FUNDRAISING DRIVE FOR HTO

The baristas of the **Peet's Coffee Shop** on lower State Street held a drive for donations on behalf of Heal the Ocean during the 2015 holiday season. With a placard extolling our organization at their entrance and our popular bumper stickers inside, Peet's was able to raise an amazing amount of coffee beans for HTO. Thank you, Peet's!



1% FOR THE PLANET



We love our 1% For the Planet donors! **Amy Cooper** of **Plum Goods**, Santa Barbara, has sent us a whopping donation, and we hope our members visit her store of "upcycled" gifts. We also thank **Hoyt Torola**, of **Torola Properties, Ojai**, who has donated to HTO for the third year in a row. Thank you, Hoyt! We also thank **Surfclass.com** and **Santa Barbara Matchmaking** for their 1% for the Planet donations.

SB SHELLFISH & CASA BLANCA HELP HTO



For the last two weeks in April, **Tom and Adam White**, the well-known Santa Barbara father-and-son restaurateurs who own the **Shellfish Co.** and **Casa Blanca** restaurants, created a wonderful program to benefit HTO. Participants got great dining experiences for half price by buying \$30 tickets through **Central Coast Dining** and these tickets became \$60 tickets in the restaurants, with HTO getting 10% of all sales. Thank you, Tom and Adam, for giving us this great program again!



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 15, 2015 to May 10, 2016. 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	Charlie & Nancy Munger/ Channel Cat Charters*	\$1,000 - \$1,999 Anonymous Maren Hansen & Steve Aizenstat/ Hansen Family Fund Cooper Allebrand/ Turpin Family Charitable Foundation American Riviera Bank/ Employees Donation Fund Hiroko Benko/ Condor Express Rodney & Sharon Berle Pat Brooks Wendel Bruss/ Argonaut Charitable Foundation Frank & Bonnie Burgess Francesca Cava Darlene & Savelly Chirman in memory of Darcy Aston Jim & Jolene Colomy Dancing Tides Foundation Paul & Tiffany Doré Robert & Christine Emmons Cinda & Donnelley Erdman Harry & Sharon Felder Jack Finnegan* Robert & Cindy Gelber Fabienne Guerin Lee Heller for the HTO Doggie Bag Program Jed & Kat Hirsch Arthur (Skip) & Deborah Hudson Donald & Diane Jackson in memory of George Gaynes Mike & Barbara Karry/ Moseley Group Giving La Centra-Sumerlin Foundation Terilynn Langsev Harry Liquornik Dwight & Kimberly Lowell Mark & Cathy Moseley Dede & Bill Pitruzzelli Ron & Stacy Pulice Melissa & Christian Riparetti-Stepien in memory of Jim Riparetti The Roberts Bros. Foundation Susan W. & Carl W. Robertson Christine Ryerson/ The Jim Ryerson Environmental Foundation Fund	Christiane Schlumberger Peter & Nini Seaman/ STS Foundation Virginia Sloan Hoyt Tarola/ 1% For the Planet/ Tarola Properties Evan Turpin/ Turpin Family Charitable Foundation in memory of Paul Turpin Travis Turpin/ Turpin Family Charitable Foundation Polly & George Turpin/ Turpin Family Charitable Foundation Susan Harris & Paul Witt Jean-Pierre & Elke Wolff, Ph.D./ Wolff Vineyards* Jonathan & Elise Wygant Zog Industries/Fred Herzog
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in honor of Tom Cullen | Dianne Miles |
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| John-Pierre Wolff | Sylvelin Edgerton | Tom & Kim Modugno |
| George & Judy Writer | John & Marsha Elleston | Jennifer Oakley |
| Ed & Grace Yoon
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In Memory of...

Heal the Ocean cherishes each and every one of our members, and we are heartbroken 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:

- Darcy Aston
- Eric Brown
- Vince Burns
- Joshua Canning
- Sam Case
- Chris Cutler
- Tim Cutler
- Mike deGruy
- Kathryn Holcomb Dole
- Audrey Feiner
- David Francis
- George Gaynes
- John Harris
- Norm Hendry
- Zeuf Hesson
- Marjorie Knight
- Frank Louda
- Frankie Mannino
- Shelley Merrick
- Virginia Puddicombe
- Jim Riparetti
- Reba Roberts
- Lanny Wright
- Brandon Yates
- Karin Young

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



*In-Kind

Call for Email Addresses

If you would like to receive electronic notices from HTO about upcoming events, please email your email address to us: info@healtheocean.org. In particular, please let us know if you are interested in receiving our E-letters.

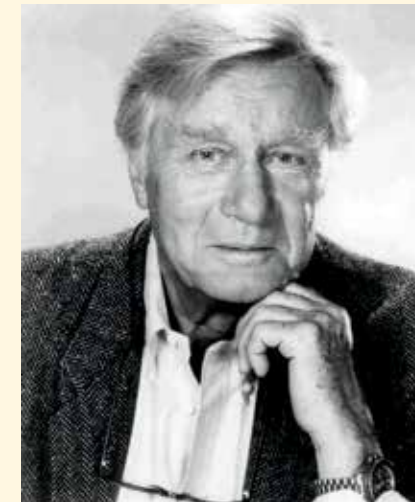


Back Cover Art by Marie Morrisroe:

Our back cover features a photograph by Marie Morrisroe, called *Gone Fishin'*. Marie is an ocean lover who takes photographs all over the world as well as Santa Barbara, where she lives.

IN MEMORIAM

**GEORGE GAYNES
1917 - 2016**



At Heal the Ocean we have heavy hearts about the passing of George Gaynes – a tremendous actor and resident of Santa Barbara since 1987, who died February 15, 2016, just 10 weeks short of his 99th birthday.

He was born George Jongejans in Helsinki, Finland, in 1917 when it was still part of the Russian empire. In 1935, he appeared in Moliere's "La malade imaginaire" in Switzerland at the age of 18. He then moved on to singing, appearing in operas throughout France and Italy in the 1930s and '40s, singing in Milan's Teatro della Triennale and eventually making his way to the U.S. with leading roles in "Don Giovanni," "La Cenerentola" and "The Marriage of Figaro" with the New York Opera Co.

George had steady work in television and film from 1962 to 2002, memorably in films such as "Tootsie," "Altered States" and "Vanya on 42nd Street." George's most recognized role in cinema was arguably that of Commandant in the Police Academy Series.

To television fans, he is perhaps best known as the curmudgeonly Henry Warnimont on the series "Punky Brewster."

In 1953 George married Allyn Ann McLerie, a Broadway triple-threat as singer-dancer-actor. George and Allyn Ann raised two children — daughter Iya Falcone Brown, who is an attorney and who served on the Santa Barbara City Council for two terms. Their son, Matt, an Olympic-level kayaker, was killed in an auto accident in India in 1989. The couple made Santa Barbara their home in 1987, where they supported local art endeavors as well as Heal the Ocean.

We thank George's family for directing memorial donations to Heal the Ocean — and George, our dear yoga partner, may we see you in the clouds in your magnificent warrior pose.

– Hillary Hauser (with thanks to Iya Falcone Brown & Mary Rose for biographical material)

Donations made to HTO in loving memory of George Gaynes

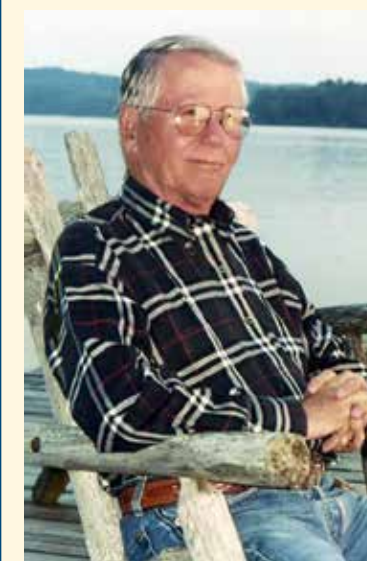
- Donald & Diane Jackson
- Sarah Kass
- Gail N. Kennedy
- Margo Rose
- Susan Venable & Charles Vinick

Donations from George's Yoga Mates in Nancy Roberts' Iyengar Class in Santa Barbara, CA

- | | | | |
|----------------|-----------------|-----------------|-------------------|
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| Mujiba Cabugos | Bonnie Hope | Janet Nancarrow | |

GEORGE TURPIN

1917-2016




Heal the Ocean commemorates the passing of George Turpin, who with his wife, Polly and his entire family of in-laws, cousins and nieces have been ardent HTO supporters for many years. George Turpin's life reads like a novel, in that he was a world explorer who also worked on production and directing of countless award-winning programs including Playhouse 90, The Doris Day Show, All in the Family, The Danny Kaye Show and others. He was an avid photographer, traveler, and outdoors man with a passion for magic – he was one of the earliest members of the Magic Castle in Hollywood. George leaves his wife Polly, two children, Brier Allebrand and Gebb Turpin, brother Peter, and loving grandchildren, in-laws, nieces and nephews including Evan Turpin, Hunter Turpin, Travis Turpin, Kent Allebrand, Ellery Allebrand and Cooper Allebrand. He was predeceased by his eldest son, Paul Turpin. George and his entire family will always be cherished by Heal the Ocean.

Heal the Ocean
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