

IN AND AROUND HEAL THE OCEAN...

here is always a great hustle and bustle on the good ship Heal the Ocean, with ever-wonderful teammates working away in the office. We also bring in interns, outside engineers, consultants or researchers to join us in projects that further our Mission.



Alex Bennett

Alex Bennett has joined the HTO staff as Policy Analyst and is working with us on all of our issues – from wastewater upgrade to septic system issues to the politics of water. Alex grew up in Carmel, CA, and earned his Masters degree from Bren School, UCSB, in Environmental Science & Management with a specialization in Water

Resources Management. Often after work you'll find Alex doing ollies and grinds at the

skateboard park on Santa Barbara's waterfront.

We salute our star intern, Anna Yoo, who started working with HTO during Fall 2016, helping HTO Operations Coordinator Corey Radis to keep us running smoothly with projects, donors, events, postings on Facebook and Instagram (check out @healtheoceansb) - vou name it! Anna is a senior at UCSB studying English literature with a specialization in Environment and in American Culture and Global Contexts. In her spare time she takes on "bouldering" and on any given weekend she's crawling up the sides of rocks anywhere from Yosemite to Joshua Tree.



Anna Yoo at HTO booth on Earth Day 2017

Since we last reported, our

HTO Board Member and

Events director, has been

with her film, The Women

and the Waves 2, which

is receiving exceptional

reviews. Her documentary

surf film has gone on to

festivals from Costa Rica

to Hawaii to Portugal. The

www.thesurfnetwork.com.

unique film is available at

showcased all over the world

own Heather Hudson,



Full Night for The Women and the Waves 2!

Thanks be to HTO Public Outreach champions Ruston Slager & Laura Camp, for manning our booths and displays whenever we're out in public. We had a great and busy Earth Day this year!



Heal the Ocean Spring 2017, a Free Annual Newsletter Heal the Ocean P.O.Box 90106 Santa Barbara, CA 93190



Ruston Slager & Laura Camp at Earth Day 2017



HTO Policy Analyst Alex Bennett speaks to Anacapa School

GETTING THE WORD OUT...

All of us at Heal the Ocean are out and about, spreading the word about the importance of clean water and clean beaches.

For two years in a row, HTO Operations Coordinator Corey Radis has organized with EF International



Corey Radis

Language School Santa Barbara a massive beach cleanup campaign to celebrate Earth Day. In this program, the entire EF student body of 350 students go to work on the Santa Barbara coastline. The HTO/EF model is now planned for Hawaii, where EF Hawaii will work with Jack & Kim Johnson's Kokua Hawaii Foundation in a similar, giant cleanup project for Oahu.

NORA & MICHAEL HURLEY

We announce with enormous pride and *oompah* the news that Nora McNeely Hurley & Michael Hurley have

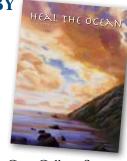


Nora McNeely Hurley & Michael Hurley

joined the HTO Advisory Board. Both Nora and Michael have taken the Summerland Beach oil pollution very seriously (see page 8) and have not only funded both the aerial and dive surveys of the Summerland offshore oil field, but are helping to arrange logistics. Thank you Nora and Michael!

COVER PAINTING BY PHOEBE BRUNNER

Our cover, titled Sundance, is by acclaimed artist Phoebe Brunner, whose work is described as an alternative view to traditional landscape painting – "an enhanced and unexpected perspective." Sundance is a 58" x 48" oil on



canvas currently for sale at Sullivan Goss Gallery, Santa Barbara, for \$10,500. To inquire, contact the gallery 805-730-1460, and if you land this beautiful piece, please mention HTO - a nice percentage will be donated to us!

HEAL THE OCEAN® NEWSLETTER 2017

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HI FROM HILLARY

What a year it's been!

As you go through the pages of this Newsletter, you'll see new campaigns Heal the Ocean has taken on, like the Summerland Beach oil mess and the problem of brine waste in recycled water (please enjoy our pull-out insert included in this newsletter on brine waste).

You'll also see some campaigns Heal the Ocean started back in our beginnings that are now coming to fruition. Issues we



Photo: Paul Wellman

started years ago, even at our beginnings, are now at the place where physical change is finally being made – septic systems being removed, wastewater plants becoming recycling plants.

Our staying power is possible because of the staying power of you, our supporters. HTO has actually had the best financial year ever, because of your immense generosity - and we are proud to say we've begun 2017 on a very strong footing.

Now that Heal the Ocean has been going for nearly 20 years, we've seen that when administrations change at the local, regional and state level, much work that has gone before can be lost. When an executive or administrator retires or is termed out, the Institutional Knowledge goes with them. Without weeks and months of training, new people don't know what the old guard knew, and much information – and work – is lost in the shuffle.

Since 1998 Heal the Ocean has worked with a number of different directors of Santa Barbara County Environmental Health Services, and there have been many shifts on the County Board of Supervisors in all five districts. There have been different mayors and council people in the Santa Barbara City Council, along with changes of personnel in Public Works, Parks & Recreation, and other departments. There have been many different appointees to the State Water Resources Control Board, the Regional Water Quality Control Board, the Department of Water Resources, and in our history wastewater plant managers have changed, too.

We've been around long enough to transcend these changes, and part of our work is to keep continuity alive within these agencies. We know what has been done before – the engineering studies, the work of excellent people who are now no longer to speak to the issues, and we're here to help new administrators catch up to what has gone before. We can provide them information so that they, and we, can take up where the other left off.

Sometimes new administrators resist and go their own way. In our work for the ocean, Heal the Ocean finds a path that keeps us moving forward through these areas of resistance. This steadfastness is what we have promised our supporters from the beginning.

Through noise and clamor and change, we are getting where we want to go.

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.

WATER, WATER EVERYWHERE, AND NOT A DROP TO LOSE ...

MORE WASTE(D) WATER TRANSFORMED INTO RECYCLED WATER

Heal the Ocean has been educating, advocating and facilitating the advancement of turning waste(d)water into recycled water. Not only is it kinder to the ocean to lessen the amount of waste(d)water flowing to the sea, but potable and non-potable reuse projects offer a significant supplemental supply of locally controlled water. When Proposition 1 funding became available for Facilities Planning Grants to convert wastewater treatment plants (WWTPs) to recycled water plants, we brought in consultants to a number of agencies to help them apply for planning grants that are now either complete or in draft form, ready for public review, or ready to roll!

SPECIAL PULL-OUT SECTION

As a fierce advocate for waste(d)water recycling,

Heal the Ocean ran smack into the problem

recycling process that is not easily eliminated.

It is the leftover sludge from desalination and

water recycling – the one thing that stands in

the way of Zero Discharge to the ocean, or any

As is the HTO way, when a technical challenge

arises, we get to work on research to see if we can

find a solution, or if no solutions are forthcoming,

outline next steps necessary to tackle the problem.

methods for brine waste, and the result of all our

Insert that examines the issue. In this paper is

problems of disposal. This paper also tells how

nomeowners can do their part to reduce brine.

resources to solve this problem on a wider scale.

We will continue to press state agencies to expend

searching is included in this newsletter as a Special

information on how brine waste is created and the

Early in 2016, we began researching disposal

of brine waste – a problematic part of the

BRINE WASTE

other waterway.

These include:

- Goleta Potable Reuse Facilities Plan: HTO helped establish a partnership between Goleta Water District (GWD), Goleta Sanitary District (GSD) and Goleta West Sanitary District (GWSD) to work with RMC Water & Environment, Santa Monica, to develop a grant application for a potable reuse facilities plan. The draft plan was finished in May 2017 and will go to public review in June. The plan will add 2,000 acre feet per year of "drought-proof" water supply to Goleta.
 - Santa Ynez Recycled Water Facilities Plan: HTO also brought RMC Water to the Santa Ynez Community Services District (SYCSD) to help the district submit an application for a facilities planning grant for a recycled water facility. The draft plan, finished in February 2017, is under review by the State Water Resources Control Board.
 - Carpinteria Sanitary District/Carpinteria Valley Water District: The facilities plan for Carpinteria Sanitary District/Carpinteria Valley Water District was undertaken and finalized in April 2016 and presented by RMC Water to the Carpinteria City Council (with no help from HTO!). The plan examines various methods of groundwater recharge (surface spreading direct injection, etc.) at the rate of 1 million gallons per day (mgd).
 - The City of Santa Barbara is waiting for the State of California to develop regulations for Direct Potable Reuse ("raw water") before starting any planning for infrastructure that would pump this water to Lauro Reservoir reservoir. At Lauro the raw water could be mixed with water from Cachuma before being piped to the City's Cater Water Treatment Plant for purification.

Festures CVVIO Wels CVVIO Wels Photo Vides CVVIO Boundary Figure 4-5: Potential Groundwater Reshare Areas

Groundwater Injection Points/Sea Water Intrusion Area: from RMC Water plan for Carpinteria Valley Water District/Carpinteria Sanitary District

CArakanshutcasock

HTO HIRES ASSISTANCE FOR REGIONAL BOARD ASSESSMENT OF GROUNDWATER BASINS

n January 26, 2017, the Central Coast Regional Water Quality Control Board adopted a Resolution for "The Human Right to Water," a program that directs its staff to assist the State Water Board and relevant stakeholders to, among other initiatives, collect data to identify and track communities that do not have, or are at risk of not having, safe, clean, affordable, and accessible water adequate for human use.

In the resolution is a **Groundwater Characterization Project** that will identify and evaluate shallow groundwater quality data in Santa Barbara County to assess pollution sources – including influence of septic system and other source loadings (e.g. municipal wastewater, agriculture, etc.).

Therefore, when the Regional Board passed The Human Right to Water resolution, HTO approached the board at its Santa Barbara hearing and offered financial assistance, in the form of hired interns, to work on data gathering and organizing into a GIS system.

This offer follows a successful model we instigated in 2013, when we hired **Sarah Treadwell** from Cal Poly to work with the Hazardous Waste staff at the Regional
Board office in San Luis Obispo. Sarah organized and scanned documents from the Site
Mitigation Unit of Santa Barbara County into a GIS system so that polluted sites could
be prioritized for cleanup (see page 7 of this newsletter for the Regional Board's notifications
of site remediations in the city of Santa Barbara).



Riley Haas

In April 2017 the Regional Board and Heal the Ocean together hired Riley Haas, a Cal Poly student studying environmental soil science to work in the Regional Board office to organize groundwater data in relation to septic and other pollution that poses a threat to groundwater health. Riley's work on groundwater characterization is starting with a gathering of existing groundwater studies and water well data from priority basins such as: Santa Ynez River Valley, Santa Rita, Lompoc Plain, Lompoc Upland, Lompoc Terrace, Careaga Sand Highlands, Goleta Basin, Santa Barbara Basin, Carpinteria Basin, and Montecito Basin.

HTO/DWR INVENTORY UPDATE

Waste(d)water Inventory nears completion

Heal the Ocean continues its work 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 accessible to all on the internet.

Documenting the volume of wastewater potentially available for water recycling is a critical component for meeting the objectives of the **California Water Action Plan** to achieve reliability, restoration, and resilience in the State's water system.



Working with Michael Ross of DWR's Water Recycling & Desalination Section, HTO Strategic Consultant James Hawkins, HTO Policy Analyst Alex Bennett 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 jurisdictions to ensure the lists are complete and accurate.

This HTO/DWR project is in its final stages, and a report will be posted soon.

GROUNDWATER, SEPTIC SYSTEMS, HIGH TIDES...IT'S ALL CONNECTED TO THE OCEAN



E. Yanonali site, also known as Garden Street/101

GETTING A GRIP ON GROUNDWATER

What a year for action on shallow groundwater cleanup in the City of Santa Barbara!

Heal the Ocean has tackled contaminated groundwater sites since our inception, spending years identifying particular contaminants and old landfill site records of monitoring wells. In 2013, we hired then-Cal Poly student Sarah Treadwell to help the Regional Water Board scan stacks of Santa Barbara County hazmat files on contaminated sites into the State's Geotracker database. Sarah was also scanning all of the files HTO had been amassing into this GIS program.



Sarah Treadwell

Treadwell, now a fulltime Engineering Geologist with the Regional Board, with the help of her department (Thea Tryon, Kristina Olmos), has prioritized Santa Barbara City sites, as well as other groundwater sites in the County, for inspection and remediation. At HTO we're now seeing the fruition of our

collaboration - notices of investigation of cleanup of soil and groundwater - at the sites marked on Geotracker.

GARDEN STREET/101 FINALLY GETS A MOVE ON

TTO has also collaborated with Santa Barbara County Environmental Health Services Site Mitigation Unit (SMU) supervisor Paul McCaw and SMU professional geologist Tom Rejzek, to tackle the groundwater problem - investigating grant fund possibilities and developing a prioritized site list.

In the last week of April 2017, HTO received a letter that gave us a big, stunning surprise, and reason to cheer. It was from SMU about the former **Agrichip** facility at the corner of Garden Street and the 101 Freeway (new formal address: 301 E. Yanonali).

The letter described a required Work Plan to clean up the site, including soil borings, soil vapor probes, and a Work Plan to assess the Laguna Channel for soil, sediment and surface water quality, with field work to start by June 9, 2017.

HTO has chased this site for years. There are now plans for redevelopment by the renowned Santa Barbara architect Brian Cearnal. HTO does not believe in stopping progress, but to make the Plaza the best it can be, we appeared before the Santa Barbara City Planning Commission offering work on finding finances or political help - to clean it up before building takes place. The SMU action is a long-sought victory. We are enthusiastic to see a beautiful project built on the site, which has needed beautification for a long, long time.

HTO REDOUBLES AIM ON SEPTIC SYSTEM POLLUTION

Teal the Ocean has been feted at State, County and Regional levels for our success in getting septic systems out of unsuitable areas, deemed "Problematic" by the County of Santa Barbara. We have put in hours and months and years of work on state regulations (AB 885) and local management programs (Santa Barbara county LAMP).

Nevertheless, our work on problematic pockets of septic system use is slow going, because of the following:

- Homeowner groups remain (justifiably) fearful of sewer conversion cost;
- There is reticence to change out of concern that sewer pipes invite urban sprawl (which is manageable by other methods than wastewater handling);
- Personnel changes within agencies have cut institutional knowledge - newly hired staff doesn't always know what engineering studies have already been done or steps that have already been made.

It's a delicate balancing act, these issues. But the fact remains that population growth has led to nutrient and pollutant overloading of

the ground – and groundwater – by human waste disposal. Septic systems can contribute nitrates to groundwater and threaten the health of humans, plants, and animals. Some areas are now on the verge of permanently spoiling ancient aquifers. While water agencies can de-nitrify some water, farms and homeowners who rely on private wells don't have this capability. Please see page 5 of this newsletter to see how we are helping the Regional Water Quality Control Board document water quality issues in groundwater basins across Santa Barbara County.

TARGETED AREAS

Areas still on septic identified with a medium to high problem rating in Santa Barbara County's 2003 Questa Sanitary Survey and cited in the LAMP include: Toro Canyon, Sycamore Creek, Mission Canyon, Hope Ranch, Veronica Springs, Sunset/Carol, Vista Vallejo, Los Olivos, Ballard, Santa Ynez, Janin Acres, and others. Some of these areas have engineering studies that sit idle.



Veronica Springs

Janin Acres

Los Olivos

Rallard

Toro Canyon

Santa Ynez

Vista Vallejo



Sycamore Creek

Mission Canyon

Hope Ranch

Buena Vista Creek

Cold Spring



Isla Vista Cliffs in a King Tide Photo © Bill Dewey

HIGH TIMES FOR GOLETA

Heal the Ocean has been researching the potential impacts of sea level rise (SLR) on wastewater treatment plants (WWTPs) in Santa Barbara County. In response to the threats to coastal cities due to climate change, the California Coastal Commission (CCC) has directed local governments to update their Local Coastal Plans (LCPs) with provisions that plan accordingly for these widely predicted threats.

The Draft 2015 City of Goleta Coastal Hazards Vulnerability Assessment and Fiscal Impact Report is the result of this climate change-sensitive stance by the CCC. At HTO, the talented Mitchell Bass worked on this issue during the summer of 2016 in our office, synopsizing for the Goleta Sanitary District what it should prepare for. Mitch crystallized the following steps recommended for GSD infrastructure:

1. Retrofit to flood-proof two lift stations.

- 2. Seal vulnerable wastewater manhole covers. 2030 (<1 ft of SLR): 14 additional manholes 2060 (~2 ft of SLR): 29 additional manholes 2100 (~5 ft of SLR): 82 additional manholes
- 3. Relocate ocean outfall cleanout access vault at Goleta Beach

Erosion is the likely leading cause of the potential need to relocate the access vault.

4. Relocate WWTP (Eventually)

Since Mitch finished the summation for HTO, high waves have posed a threat to the Goleta Sanitary District wastewater outfall vault, necessitating an emergency placement of boulders under the structure to keep it in place. After visiting the site with GSD manager Steve Wagner and GSD Management Analyst Laura Romano at the end of January, HTO sent officials Mitch's research on the potential impacts of SLR on wastewater treatment plants, the GSD plant, and we have made inquiries about State financial help to relocate the vault.



The GSD Vault (lower left square metal top), houses the infrastucture connecting wastewater plant and ocean outfall. It sits at the edge of Goleta Beach, which is eroding rapidly. (Hillary Hauser photo)

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CLEANING UP THE BEACHES, WHETHER OIL OR TRASH...

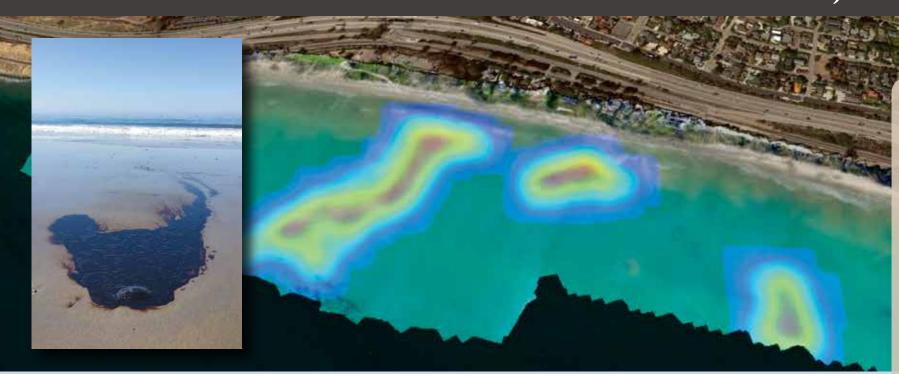


Image from Planck Aerosystems flyovers. Photo: Gaemus Collins, Planck Aerosystems. (Inset: Becker Well bubbling up onto the beach. Photo: Nora McNeely Hurley)

MORE ON SUMMERLAND OIL MESS

In January 2017 Heal the Ocean contracted with Aqueos Subsea, Lan internationally recognized offshore dive company, to conduct an aerial/dive survey of the offshore Summerland oil field, which in 2014 became seriously active in leaking oil onto Summerland Beach. This survey, designed and overseen by the State Lands Commission, which owns all improperly abandoned oil wells in California, has brought on Planck Aerosystems and Ira Leifer, a UCSB researcher who has a history of studying the Summerland oil problem.

On March 3, 2017 Planck Aerosystems drone pilot Gaemus Collins made the first flight over the area, and subsequent flights will result in a grid that pinpoints areas of hydrocarbon (oil) leakage. These priority sites will then be investigated by an Aqueos dive team working underwater with high-tech equipment that can detect oil leaks.

The aerial survey has been estimated to run until June or July 2017, with the diving survey to begin immediately afterward.

The goal of these two surveys is to have priority sites ready for **Senator** Hannah-Beth Jackson's SB44 "Legacy Oil Well" bill which, if



Hillary Hauser, Michael Hurley, Nora McNeely Hurley, and State Lands Commission petroleum drilling engineer Steve Curran



The HTO-assembled team watching a drone launch at Lookout Park, Summerland

successfully passed, will provide \$2 million a year for the proper capping and cleanup of abandoned oil wells along the California coast.

Both the aerial and dive portions of the Aqueos work have been funded by the Manitou Fund, Minnesota, the family foundation of Nora McNeely Hurley, who lives in Summerland with her husband Michael Hurley. Both ocean lovers, Nora and Michael were thrilled to move to Summerland Beach, but were immediately horrified at the oil situation there. Nora contacted HTO with her concerns, and when she learned of HTO's work on the issue, she went to her family foundation with a proposal to support the surveys, as well as make a significant contribution to HTO for our work coordinating a rescue for Summerland Beach. Thank you, Nora! Thank you, Michael!

Meanwhile, as this newsletter goes to press, the \$700,000 needed by the State Lands Commission to begin the \$1.4 million project of capping the notorious **Becker Well** (see inset photo above) is looking to be secured by SLC in the state budget hearing process. HTO thanks all of our supporters who are taking time to write and send in letters of support for the budgetary request by SLC! And thank you, too, for the letters needed to support Senator Hannah-Beth Jackson's SB44 bill.

SB 44 - OIL CLEANUP

At the end of 2016 Senator Hannah-Beth Jackson's SB 900 to clean up improperly capped "legacy wells" along the California Coast was vetoed at the last minute by Governor Jerry Brown. Our intrepid Senator Jackson listened to his reasoning, then turned right around and introduced SB 44. Like the earlier version, the new legislation makes provisions for providing \$2 million per year to cap leaking oil wells along the California coast, but differs from the previous bill in that the funds would come from the already-appropriated budget within the State Lands Commission rather than the General Fund. Thank you, Senator Jackson!

MIRAMAR OIL FROM **SUMMERLAND?**

When oil began appearing in the waves off Miramar Beach, HTO supporter Brad Hall paddled out and grabbed a

sample of the dirty seawater in a jar, which we picked up and sent to a lab for analysis. Was it bilge from a passing boat, or 100% oil drifting up from Summerland? It was also suggested that the oil might

be coming from somewhere else. HTO contracted with Blue Tomorrow consultants to determine a source. With the help of UCSB oceanographer/researcher Carter Ohlmann, the Blue Tomorrow report did not conclusively pinpoint a source, but provided information on how oil can be transported along the coastline as well as areas where it may likely wash up on shore.

GET INVOLVED!

If you and your friends would like to clean a beach or are looking to fulfill community service hours, HTO will supply bags and sturdy garden gloves. Give us a call at 965-7570 or email corey@healtheocean.org to arrange your project.

HTO BEACH-CLEAN TEAMS WORK ALL YEAR ROUND!

HOORAY for Heal the Ocean supporters and volunteers who go out all year long to clean trash and offal off Santa Barbara county beaches from Goleta to Rincon! They don't wait for any special day. They call our offices and volunteer. We supply re-usable gloves and trash bags - and away they go with a group leader. We get reports of what they pick up, along with photos. This is a great HTO-public partnership!

Our wonderful HTO Beach-Clean Teams and Individuals this past year include:

- Maire Radis, who goes out EVERY Sunday to clean up the Santa Claus Lane beach;
- Barbara Popp, who picks up trash all year long during her walks on Summerland beach;
- After School Program of the Salvation Army students, 40 in all, who picked up everything from styrofoam and plastic bits to old shoes at East Beach;
- · Procore, a Carpinteria-based company that produces construction management software, put together a program to send hundreds of employees to comb the beaches of Carpinteria and Santa Barbara on June 2, 2017;
- EF International Language School, which for the second year in a row partnered with HTO in a massive cleanup of 10 beaches between Goleta and Summerland. The entire student body (350 beach-cleaners!) tackled the project on April 28, 2017 as part of EF International's Every Day is Earth Day campaign.

BRAVO TO ALL!



trash at Santa Claus Lane every Sunday!; 4-6) Salvation Army after school program beach clean at East Beach; 7) EF International School beach cleanup on April 28, 2017.

HTO DOGGY BAG SPONSORS WIN BEST OF SHOW!

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 the beach and park dispensers of south Santa Barbara County. In 2016 our dispenser sponsorship

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FEAL THE OCEAN.

HEAL THE OCEAN.

program raised \$9,400, and our online and other donations totaled \$961 for a grand total of \$10,361 that we were able to raise for the County in 2016 to help pay for bags.

We are excited to welcome La Cumbre Animal Hospital (LCAH) to the program as sponsors for the dispensers at Tabano Hollow and at the County park at Rincon. A huge thank you to Dr. Beverly Holmes and Dr. Eve Kuesis of LCAH for joining this program, and helping keep our trails and beaches clean!

We are ever and always 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. Finally, a big bark-out also goes to **Susan Petrovich**, who funds the bags in the Loon Point dispenser.

Thank you to all of our donors who continue to make this program possible.

Please visit our website to contribute to HTO's Doggy Bag Program!



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. By sponsoring a dispenser, your business is advertised for a full year, and you are helping to keep our beaches, trails, and creeks clean!



BAG HISTORY

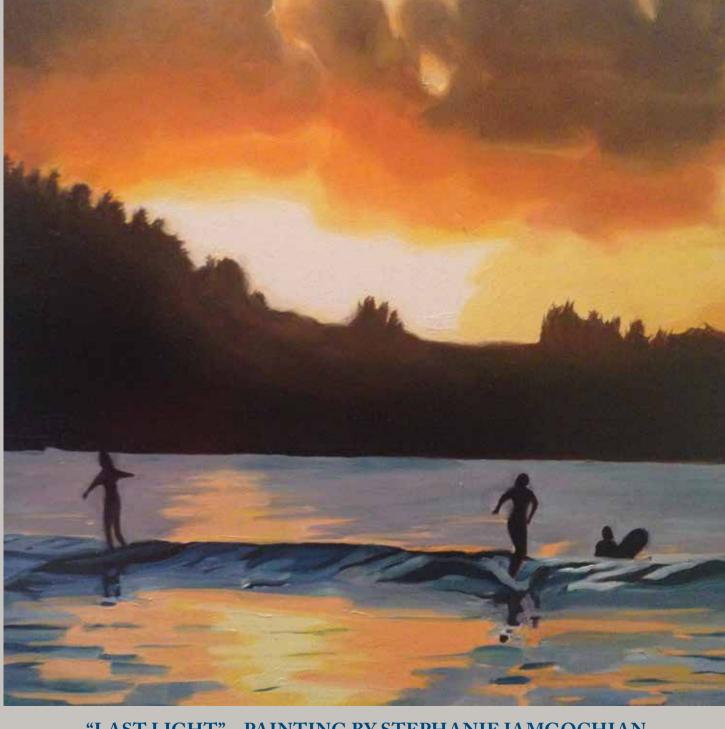
In 2010, HTO learned that Santa Barbara County was considering dropping the \$23,000 price tag of stocking dog bag dispensers in the south county, so we jumped into action with our Dog Bag Dispenser program. This successful public-private partnership has protected the County program from a budget cut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

PLEASE PICK UP YOUR BAGS

We wish we didn't have to post this plea (again!), 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.

DOGGY BAG AUTO-PAY!

Mojo & Rascal are great little Rat Terriers who are an important part of the family of long-time HTO supporters Manuela and Rob Cavaness. They barked their request to set up a monthly automatic donation to HTO's doggy bag program – \$20 per month – which at the end of the year makes an amount that's very nice to send to Santa Barbara County for doggy bags! Mojo & Rascal invite you to do the same – \$5/month, \$10/month – any amount helps! Please go to HTO's donate page on our website and click on Doggy Bag Auto Pay! Donors get a tax receipt at the end of the year, along with our thanks and happy barks from Mojo & Rascal!



"LAST LIGHT" - PAINTING BY STEPHANIE JAMGOCHIAN

Stephanie Jamgochian's painting, "Last Light," represents what we at Heal the Ocean love about what we do – advocating for the ocean, beauty and nature, about the importance of protecting what we love. The joy of being in the sea and loving all that it is. Here are some of the many wonderful comments we've received this year about the work we're doing at HTO on behalf of everyone who feels the same way.

"I want to say Thank You for your HTO letter which just arrived in my email. It was graceful and full of strength and compassion."



"... you have found the image and words that offer the most promising sense of direction." "It all has to start with ourselves making choices which are positive and respectful towards each other and the world in which we are fortunate enough to live. Nature, God, and love will heal anything and everything...and HTO continues its great work..."

"Heal the Ocean is a great model for environmental organizations by promoting collaborative solutions to water quality and water supply issues."



"Surf's Up! The perfect message, thanks so much. Old dogs like ourselves know that the fight is never won, it's always being won."

Note: Stephanie Jamgochian's award-winning work is known for a unique view of the urban environment, but Stephanie is also an avid surfer, so she has produced stunning paintings of surfing and waves, and people enjoying the sea. "Last Light" is 12" x 12" oil on wood panel. It is for sale for \$400.00 with 40% going to Heal the Ocean. Contact Stephanie for details www.stephaniejamgochian.weebly.com

HTO Thanks Our REALLY BIG SHOW Sponsors!

DIAMONDS ARE A GIRL'S BEST FRIEND **Marie Morrisroe**

ALL THAT IAZZ

The Roy E. Crummer Foundation Dan & Rae Emmett James & Francoise Park/GEOPARK **Mesa Lane Partners Tomchin Family Foundation**

THAT OLD BLACK MAGIC

Anonumous David & Lyn Anderson Marcy Carsey & Susan Baerwald/ Just Folk Brad Hall & Julia Louis-Dreyfus Henry & Nanette Nevins Patagonia Randy & Roxanna Solakian Sam & Sherilyn Scranton

TIGHT & DAY

AOUEOS Corporation Carolyn & Ted Roche/ Wendy & Larry Barels Thomas & Nancy Crawford Maire & Pat Radis The Santa Ynez Band of Chumash Indians Doug & Dina Wilson

> MY FUNNY VALENTINE Alan & Kathryn Van Vliet

STRANGERS IN THE NIGHT

Big Speak Pat Brooks Thomas Dabney Jed Hirsch **Marborg Industries** Susan & Carl W. Robertson Susan Venable & Charles Vinick **Zog Industries/Fred Herzog**

A REALLY BIG SHOW! FRANK! MARILYN! LIZA!

HEAL THE OCEAN'S ANNUAL CELEBRATION

Palm Springs was a favorite haunt of Frank Sinatra and his friends, the place where he built his well-known estate and entertained his friends. So on October 22, 2016 Heal the Ocean turned the El Paseo restaurant into Palm Springs for a "Really Big Show," with pink flamingos, palm trees and little



Marilyn Monroe!

cactus planters on the tables – everything but a swimming pool. On stage, Frank Sinatra (Monty Aidem) came out to sing a few Sinatra oldies and goodies, then introduced his friends Marilyn Monroe & Liza Minnelli (both played by Gailyn Addis(!). These three put on Big Show impersonations that took us back a few years. Some real fun came when Marilyn razzled around the room to hootchy-kootchy with gentlemen guests, and what a hoot we had when Liza invited us on stage with her to dance and let our hair down. Big thanks to Benjamin Boyce, Dave Shin & Jon Wilcox for firing up their rocking band before dinner; to **SMI Concepts** for orchestrating sights and sounds for the evening; to Heather Hudson/ Graciegirl LLC & Maurice Salmin for the film "HTO Then & Now," which was

shown before the auction conducted by "Rocktioneer Russ Stolnack." Thanks go to, Heather Hudson, Shannon Trotta, and Corey Radis for organizing this evening, and last but not least, thank you, dear Julia-Louis Dreyfus for being our wonderful Honorary Chair, for always helping us!





Marilyn Monroe (Gailyn Addis) schmoozing Jeff Hodge





Liza Minnelli (Gailyn Addis) & Frank Sinatra (Monty Aidem) with Jed Hirsch





Hillary Hauser, Sam Cohen, Jane Gray Pat & Maire Radis





Hannah-Beth Jackson & George Eskin





Whooping it up with Liza!

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Alixe & Mark Mattingly



Jeff Young, Jonny & Das Williams and Baby Ya'ash



Francoise Park



Jay & Sally Hanseth



The Big Show Worker Bees

HTO Honorary Chair Julia Louis-Dreyfus



invites you to

Heal the Ocean
BENEFIT 2017

at the

Historic El Paseo

Saturday, October 21, 2017

> Live Music! Dancing! Fun!

Catch a Wave with Heal the Ocean at our Annual Celebration!



Don't miss the Funnest Party of the Year!

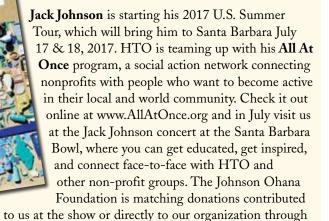
PLUM GOODS IS VERY GOOD TO HTO

On March 23, 2017, **Plum Goods** of Santa Barbara hosted an evening shopping-spree benefit for Heal the Ocean. Owner **Amy Cooper**, a longtime supporter of HTO, has created a pair of stores, side by side, with a focus on sustainable goods, curated from around the world – handcrafted jewelry, gifts and original art in one store, and in the neighboring store, an exciting new space featuring stylish, sustainably-made clothing, shoes and accessories for men and women. The event was a ton of fun and raised funds for Heal the Ocean. Thank you Amy and all the wonderful shoppers who attended!



Amy Cooper and Fabian Ojeda of Plum Goods present HTO's Hillary Hauser a gift from Nora McNeely Hurley & Michael Hurley, who participated in the Plum Goods/HTO shopping event

JUMPING WITH JACK



September 1, 2017, up to a total of \$2,500. Make a contribution right now and your donation will be doubled by the Johnson Ohana Foundation! Be sure to note on your donation form that your contribution is for the All at Once matching campaign.

PEW SCHOLARS CHOOSE HTO

In March 2017, Heal the Ocean received a wave of donations in honor of the

the Pew biomedical Scholars. Every year the Pew biomedical program holds an annual meeting for all current grantees, and in 2017 the meeting was held in Santa Barbara for Pew scholars from 2013, 2014, 2015, and 2016. For the 2013 class, it was to be their last year on the Pew grant and the Santa Barbara meeting was their graduation. As a tradition, the graduating class chooses an organization to present its "class gift" in the name of the Pew Charitable Trust scholars. Heal the Ocean was chosen by the 2013 Biomedical Scholars class as an organization doing great work for the environment, a vital area of interest to Pew Charitable Trust.

A huge thank you to the following 2013 Pew Biomedical Scholars:

Claudio Giraudo, Gladwyne, PA
Andrew Goodman, New Haven, CT
Sergey Grivennikov, Dresher, PA
Jeffrey Kidd, Ann Arbor, MI
April Kloxin, Landenberg, PA
Fei Li, New York, NY
Shelly Peyton, Amherst, MA
Avital Rodal, Wayland, MA
Qun Wan, Watervliet, NY
Ilana Witten, Princeton, NJ
Qiaobing Xu, Medford, MA
Maria Yelshansky, Yonkers, NY

HOORAY FOR HOYT!

We love our

1% For the

Planet donor

Thank you, Hoyt!



Hoyt Torola of
Torola Properties, Ojai, who has
chosen HTO for the fourth year
in a row to benefit us through
the program. One Percent for
the Planet was founded by Yvon
Chouinard (Patagonia) and
Craig Mathews (Blue Ribbon
Flies) in 2002 to encourage more
businesses to donate 1% of sales
to environmental groups.

ENCORE FROM SANTA
BARBARA SHELLFISH
We've heard from Santa Barbara Shellfi

We've heard from **Santa Barbara Shellfish Company** that its Central Coast Dining program benefiting HTO in 2016 was its best fundraiser yet. During the month of November, anyone that bought a ticket for \$30 on Central Coast Dining in the name of HTO was able to double the value of that ticket (through March 2017) when dining at the Shellfish Company on Stearns Wharf in Santa



Barbara. Thank you, **Tom White & Adam White** for coming to us year after year with your wonderful menu of donations to us!

SALUTE TO SOTHEBY'S

For the seventh fabulous year in a row, **Sotheby's International Realty** chose HTO as one of the Santa Barbara non-profits to share in the proceeds of their one-year (2016) 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 thanks to all of the Sotheby's realtors as well as a big bear hug to **Dave Osman**, Sotheby's Senior VP and Brokerage Manager.

Hillary Hauser with Dave Osman of Sotheby's

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 10, 2016 to May 10, 2017. 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.

George Fertitta

Rick Jorgensen*

Ied Hirsch

in honor of Will & Grace Tisch

Fred Herzog/Zog Industries

Johnson Ohana Foundation

Leonard & Melanie Judson

La Centra-Sumerlin Foundation

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Kimberly & Dwight Lowell

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Turpin Family Charitable

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— page 16

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Nancy Murdock

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. We are honored to memorialize the following people in the donation pages of this newsletter:

Marci Ball Eric Brown Nancy Price Burke Joshua Canning Rob Cooper David Fry George Gaynes Joe Godley Pat Gunther Robin "Zeufie" Janiszeufski Hesson Lorinda Knight Johnson Frank Louda Jesse Martinez Diane Mangue Rudy Mangue Lois Mae McConkey Larry McMullen Shelley Merrick **Bob Musicant** Jimmie Lee Rapley John Rapley Jim Riparetti Dr. Ron Robertson Diane Sanders Eric Sutherland Andre Swader Tyrone Swader Jean Thomson Robert Thornburgh Carson Ryan Trauntvein Paul Turpin Marguerite Wilcox Lanny Wright Brandon Yates Cheng Yoke

Back Cover Art by MARIE MORRISROE



"Bottoms Up!" is a photo by Marie Morrisroe, an ardent ocean lover who has amassed photos from all over the world, as well as from the balcony of her home that overlooks a local surf break in south Santa Barbara County.

: Celebrating Special People...



Will & Grace Tisch - Married August 13, 2016

In the summer of 2016, Heal the Ocean got a call out of the blue from a renowned event planning company with offices in New York and Los Angeles. Carrie Hedge of Oren Cove told us her company was planning a wedding in Beverly Hills for a New York couple, Will and Grace Tisch, who had asked that in lieu of gifts, their guests make a donation to Heal the Ocean. We were astonished when donations in honor of Will & Grace started pouring in from New York, Denver, Louisville, Kentucky, Beverly Hills, Los Angeles, and yes, Santa Barbara and Carpinteria! These gifts were so generous and widespread we were prompted to ask the planner, Carrie Hedge, if she would help us contact Will & Grace, to get their story. Here is what Grace wrote us:

"Will Tisch and I both grew up in Santa Barbara. We met at the Old Spanish Days Fiesta in August of 2008 through mutual friends. At the time, Will was living in San Francisco and I was at USC. We moved to New York City over 3 years ago to pursue separate interests and share our lives together. On August 13, 2016 we were married at the beautiful Hotel Bel-Air in Los Angeles with family and friends from both coasts in attendance. After our wedding weekend we enjoyed a spectacular honeymoon on the Amalfi and Dalmatian coasts. I am completing a master's degree in science. Will is an executive with Eldridge Hospitality and is about to open a new bar and restaurant, The Flower Shop, in Manhattan's Chinatown.

"Although we currently call Manhattan our home, Will and I have a huge place in our hearts for Santa Barbara. We feel strongly that our happiness and the celebration of our wedding should include giving back to the community we grew up in and (which) has been so important to both our lives. Taking care of our environment with an emphasis on the Pacific Ocean and local beaches was part of our Santa Barbara public school education. We were fortunate to grow up thriving on the beaches and in the waters from Carpinteria to Goleta.

"Will's mother Patsy suggested we look into Heal the Ocean as the beneficiary of wedding gift donations and (as) our way of giving back. It seems that HTO was started with the same concerns we all have about pollution and the environment. The success that HTO has had in ridding the Santa Barbara area of polluting septic systems is impressive. We are also very much aware of the importance of reusing wastewater. HTO is working hard to make that happen throughout the community.

"Will and I want to help ensure Santa Barbara stays beautiful and healthy and (that) it continues be a place that our children and families will enjoy in all the years to come."

- Grace Tisch

Will and Grace, Heal the Ocean is forever grateful to you for your love and generosity, and all of us **send our best wishes to you** for a wonderful journey as you build your new lives together!

Donations made to Heal the Ocean in honor of Will & Grace Tisch:

.

Chrissy & Jason Blumenthal, Los Angeles, CA
Alex & Marilyn Callender, Denver, CO
Mike & Val Carmel, Carpinteria, CA
Cristal Clarke, Santa Barbara, CA
George Fertitta, New York, NY

Hedi Gores, Beverly Hills, CA Martha Luttrell, Beverly Hills, CA Matthew Lux, Santa Barbara, CA Alex McClave, Venice, CA Charles Perez, Beverly Hills, CA Stephen & Renna Roberts, Louisville, KY Julie Shamblin, Carpinteria, CA Staci & Emily Teter, Carpinteria, CA Michael Tisch, New York, NY Lizzie & Jonathan Tisch, New York, NY

Heal the Ocean thanks Stefanie Cove & Carrie Hedge from Oren Cove for getting us in touch with Will & Grace, so that we could learn their wonderful story.

Danica Damiani

for the HTO Doggy Bag Program

Nicholas & Margaret Dewey

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Deb Monroe

Heal the Ocean

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