

Natural Resources Protective Association

Coalition Against Water Disposal of Contaminated Sediments

Post Office Box 050328 • Staten Island, NY 10305



In Memory of Edward "Kerry" Sullivan

SPRING 2019

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NRPA APPEAL

By Ida Sanoff

Dear Friends,

We hope you and your families have had a wonderful holiday season and we wish you the best of everything in the coming year.

NRPA will be celebrating its 42nd anniversary this year but for us, some things never change. We're still out here fighting to protect the marine environment, preserve open space and advocate for cleaning up and protecting waterways.

Every year, NRPA's clean up events remove tons of trash from shorelines. Every year, people come to us asking for help with various habitat preservation issues and we are there for them. This past year, in conjunction with Clean Ocean Action, we held our second annual Student Summit. This wonderful event helps middle school students learn to be stewards of the environment. It's a big project that lets students rotate through several different educational stations all in the same day. And we continue to attend various environmental meetings around the city, review countless permit applications and related documents, provide formal written testimony and basically stand up for healthy, open green spaces and the critters that inhabit them.

Since you receive our newsletter, you know that we do all of this and more.

As you know, we are a membership organization and we can't continue to do what we do without YOU. We are all volunteers, no one at NRPA receives a salary and we never charge anyone for the assistance that we provide. But we still have bills to pay, including our insurance premiums. And we have to pur-

chase supplies for Student Summits and other events.

The bottom line is that WE NEED YOUR SUPPORT! We can't continue to do this without YOU!

Please renew your membership today. We really appreciate your support.

Your Friends at NRPA

ATLANTIC DRILLING – THE STATES RESPOND

By Tony Rose

At the end of January, eleven coastal states joined together and announced their opposition to the Trump administration's proposal to drill for oil off the Atlantic and Pacific shores.

NRPA is also very concerned about the proposed coastal drilling and of course, we are committed to preserving and protecting marine habitat.

Some exploratory wells were drilled off the Atlantic coast between 1947 and 1980. Five were drilled off the coast of Florida and another 50 on the outer continental shelf farther north. None ever produced oil. It should be



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noted that Atlantic oil reserves are estimated to be less than five percent of America's total potential oil supply.

The federal government scheduled an auction of drilling leases off the coast of Virginia to take place in 2011 and in March of 2010, President Obama announced his intention to open the mid-Atlantic and southern-Atlantic regions to oil and gas exploration. But by May, the Deep-water Horizon catastrophe pushed that off the table. A moratorium was placed on all drilling except in two of the three Gulf of Mexico administrative areas (the third zone borders the Florida Gulf shoreline) and in a small portion of the Alaska coastline. The moratorium was supposed to remain in place until 2017.



But a bill aimed at re-introducing fossil fuel exploration to the coasts was introduced last year. The SECURE (Strengthening the Economy with Critical Untapped Resources to Expand) America Energy Act seeks to open the Atlantic and Pacific coastlines. Florida was exempted in the original presentation of the bill.

Several coastal states have responded with alarm and have begun to coordinate their efforts. Drilling will be banned in state waters, but this would have limited impact. States control the waters off their shorelines but only out to the three-mile limit. However, Federal jurisdiction extends through the Exclusive Economic Zone all the way out to two hundred miles. Some states have also banned new construction of oil and gas support facilities in their state. So if an industry tanker fills up

at a drilling platform off the coast of Maine, they may have to transport this crude oil to storage areas or refineries as far away as South Carolina or Georgia.

In response to concerns from local shoreline groups, former Staten Island Congressman Dan Donovan came out against the drilling initiative in 2018. But in the mid-term elections, Donovan was among the 40 Republican members of Congress who lost their seats and he was replaced by a Democrat, Max Rose. Members of Clean Ocean Action, Oceana and Tony Rose of NRPA recently met with the new congressman's staff to discuss these initiatives. Congressman Rose's staff indicated that he planned to be very active in the area of environmental legislation and supportive of marine resource protection.

Another bill passed in the last Congress authorized acoustic seismic testing in the Atlantic. In this process, air cannons send a blast of sound to the seabed. The patterns in which the echoes return can show pockets of oil or gas below the seabed. The sound levels encountered in a rock concert approach 90-95 decibels. The sound of a jet plane taking off can be 125 decibels. However, air cannons towed behind a research vessel fire blasts of sound at the ocean bottom that can measure 250 to 400 decibels every ten seconds, twenty-four hours a day, for weeks. The sound can travel for miles. This can disorient animals such as dol-

phins and whales that communicate by sound and they may even beach themselves to escape the noise. In addition, it will definitely disrupt fisheries. Yet five oil companies are authorized to perform this task and their activities will certainly overlap in their search areas, compounding the impacts.



The seismic testing may impact our local wildlife. A pod of humpback whales has taken up residence just outside of New York Harbor for the first time since the whaling industry began in colonial America. Gotham Whale (do a Google search for the coolest logo, ever!) runs whale-watching tours out of the Harbor and the NRPA plans to sponsor a trip this summer - watch this space for more info. Luckily, Congressman Rose has indicated that he is opposed to the seismic testing and will fight it.

There are other efforts underway to look at climate change and energy needs. The National Coalition of Environmental Organizations is an organization that helps facilitate discussions among concerned lawmakers. It does not lobby, but simply attempts to provide a forum for its one thousand lawmaker members to discuss current legislative issues across the country. They set up a webinar to bring together representatives from eleven states to compare notes and discuss the different ways each state is looking to limit the impact on their respective states.

Energy is expensive in Hawaii, so

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renewable energy really makes sense there. They have announced a goal of 100 percent renewable energy by 2045 and they are the first state in the nation to do so. Twenty-Seven per cent of their energy is currently derived from renewables. In comparison, nationwide, an average of ten percent of energy comes from renewables.

Massachusetts has the nation's longest shoreline as well as massive fishing and tourism industries. They have let the Administration know that a bi-partisan assembly of Republicans and Democrats in Massachusetts believe that the current energy policy endangers the country with respect to climate change and sea level rise. The state has begun a program of offshore wind turbines which will power two million homes.



Oregon has instituted a moratorium on coastal drilling and the use of the offshore seabed for transport (pipelines). They are working on converting this to a permanent ban.

The representative from Rhode Island, the Ocean State, stated that climate change is not coming, it is already here. They currently have to deal with flooding and salt water intrusion into drinking water supplies because of sea level rise.

The resistance to coastal drilling is strong and continues to rise. New York has announced a robust wind and solar initiative and currently has a fracking moratorium in place.

The NRPA will continue to monitor and report on these activities as well

as advocate for efforts that will protect the planet.

THE WILLIAMS PIPELINE PROJECT

By Jack Bolembach

The Williams Pipeline has been in the planning stages for a few years and is now being evaluated for approval by the New York State Department of Environmental Conservation. Public hearings were held on Tuesday the 26th of February in Brooklyn at the Bay Ridge Manor. The event was well attended by concerned citizens and they had the opportunity to voice their opinions for and against this controversial pipeline project, before the NYSDEC representatives.

I attended the afternoon session in Brooklyn and represented the NRPA. About 35 people spoke before the panel in the afternoon session which was being filmed. Four people spoke in favor of the pipeline and they were paid union representatives of the Skilled Trades promoting the need of jobs for their members. The remaining 31 speakers including myself spoke out against the Williams Pipeline and were very articulate in presenting their messages. Environmentalist Art Siegel from Staten Island also spoke at the afternoon event. The majority of speakers had prepared written speeches because there was a 3-minute time limit. All written speeches were submitted to the representatives of the NYS DEC.

There was also a hearing in the evening where people voiced their strong opposition to the project. A follow up hearing was held in Rockaway, Queens, where there was very strong opposition too.

On January 30, 2019, NYS DEC issued a Notice of Complete Application for the Northeast Supply Enhancement Pipeline Project. This notice opened up a period of time for careful review of the project and the opportunity for the public and organizations to submit written statements and attend public hearings. The DEC must make a decision on the Water Quality Certificate and comments had to be submitted by the 15th of March at 5 o'clock in the afternoon.

In April 2018, NYS DEC denied a Water Quality Certification for this Pipeline project because it was not done on time and the project's Environmental Review, which was conducted by the Federal Energy Regulatory Commission was incomplete. In May 2018 new applications for permits were submitted. The Final Environmental Impact Statement was also issued in January 2019 and the Army Corps of Engineers was a cooperating agency. NYS DEC will make the final decision on the project in May of this year.

The Federal Energy Regulatory Commission will eventually have to approve the license for National Grid to go ahead with the project.

The Williams Pipeline Company is headquartered in Tulsa, Oklahoma and will be paid about a billion dollars to construct this pipeline for National Grid, the local NYC utility, which is a British company. The project is expected to take nine months with crews hired by Williams to work 24/7 until completion.

National Grid claims there is an increased demand for natural gas in Queens and Nassau County and stated that they will have 8,000 new customers. What they don't clarify is, are these new customers replacing

We are always looking for people to come to the monthly meetings and bring us ideas and suggestions for future activity. All are welcome!

MEETING SCHEDULE ON THE 1ST TUESDAY OF THE MONTH
Meetings held at the Regina M. McGinn, MD Medical Education Center at Staten Island University Hospital 2nd floor

- April 2, 2019
- May 7, 2019
- June 4, 2019
- July 2019 **No meeting**
- August 6, 2019
- September 3, 2019
- October 1, 2019
- November **No meeting**
- December 3, 2019
- January 7, 2020
- February 4, 2020
- March 3, 2020



previous customers who died or moved away? Is there really a demand for more natural gas in this area of NYS?

The Williams Pipeline Project is a 26-inch diameter, 37-mile Gas Pipeline that will be constructed from Middlesex County, New Jersey and terminate at the existing Rockaway Delivery Lateral Gas Pipeline, located at the Rockaways in Queens. The pipeline, located off the shore of New York City, will be 23.5 miles in length. It will come within a mile of Staten Island's shoreline and will be about 6 miles off the Brooklyn shoreline. The pipeline will carry 400 dekatherms of fracked gas per day.

The project calls for excavating a 4 to 8-foot trench below Lower New York Bay along the proposed route of the pipeline. Where shipping channels and electric cables exist, tunneling methods will be used to bring the pipes to a depth as low as 15 feet to prevent any problems. The pipeline should be double walled, but I was not able to discover if it will be designed with this safety feature. There should also be sensing devices located along the pipeline to detect any leaks or rupture of the pipes

which would emit gas into the ocean environment. A working sensor could send a signal immediately to the gas compressor station in Old-Bridge, New Jersey shutting down the operation and automatically closing the gas supply valve. What will happen to the fragile ocean ecosystem if there is a gas leak and none of these safety features are in place or operating properly?

Citizens, public safety groups, environmental organizations and some politicians have serious concerns about this project. For over a hundred and ninety years, since the beginning of the Industrial Revolution in the New York City area, vast quantities of pollution containing carcinogenic toxins were discharged into the Hudson River, New York Harbor, Kill Van Kill, Arthur Kill, Passaic River, Newark Bay, Raritan River and Raritan Bay. Many of these hazardous pollutants eventually settled over the decades in Lower New York Bay. The sediments on the sea floor contain many dangerous industrial pollutants like arsenic, cadmium, lead, dioxins, mercury, pesticides, herbicides, PCBs, other heavy metals and much more. It's estimated that one million tons of toxic contaminants are

in Raritan Bay and 14,000 acres of it will be disturbed during the construction project.

This gas is from fracking operations in Pennsylvania containing 80% methane, a greenhouse gas which may cause global warming. How toxic will this gas be to the aquatic life of both animals and plants if a gas leak or rupture should occur?

Another by-product of this gas is dangerous levels of radon. Radon is one of the leading causes of lung cancer in people who do not smoke or who were not heavily exposed to asbestos. Imagine a young family in the Rockaways using their gas stove in the winter to cook. The windows are closed in the house and their children are home. The radon gas, which is a carcinogen, will permeate the rooms and the children will breath in this dangerous gas. This is a health risk to people and must be thoroughly evaluated for potential dangers before this pipeline is approved.

What about the environment? For decades the NYC Department of Environmental Protection has spent billions of dollars of taxpayers' mon-

ey in a noble cause to clean up the ocean waters around NYC. The waters are as clean now as they were 140 years ago and continuing to improve. We may remember the heavy pollution and awful smell in the Harbor back in the 1970s. Fishing was limited and beaches were closed for swimming due to health risks.

Today there have been major improvements in our water quality as evidenced by the various species of fish and wildlife which have returned to New York Harbor after an absence of a hundred and fifty years. The harbor now supports Bald Eagles, Ospreys, shellfish, various aquatic birds, Harbor Seals, Gray Seals and Humpback Whales.

Why risk all of this progress for a gas pipeline which may not be needed and could cause great harm to the ocean environment and surrounding fragile wetlands? One gas rupture will be an environmental disaster. The sounds of dredging in the harbor will disturb the communication of the Humpback Whales. The excavation of the contaminated toxic sediments from the sea bed may adversely harm the environment of Lower New York Bay. Fish will become contaminated as will much of the ecosystem. Storms will further kick up the sediments dispersing toxins throughout the bay.

Why take this risk? Some say we need jobs but Skilled Trade Workers can be employed in alternative energy fields. The construction of the Williams Pipeline project will employ people for about 9 months ending in December 2020. The gas from fracking operations originating at the Marcellus Shale formation in Pennsylvania flowing through this pipeline is not safe to the environment and to the health of homeowners using this gas. In addition, the Williams Pipeline Company has a terrible safety record which has resulted in some fatalities.

Write to your elected officials and ask them to oppose this dangerous gas pipeline. If permits are granted, the project is scheduled to begin in April of 2020. This project must be carefully evaluated for all the potential risks before any decision is made.

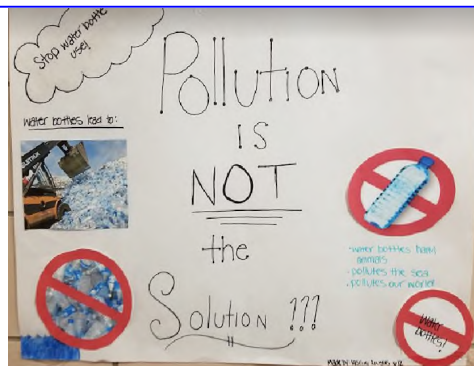
Most importantly why were there no public hearings by the NYSDEC on Staten Island since the planned pipeline passes a mile to a mile and a half away from the entire east coast shoreline?

CELEBRATING THE GREEN TEAM AT INTERMEDIATE SCHOOL 7

By Tony Rose

Last October, the students at IS 7 participated in the NRPA's Staten Island Student Summit. During the beach clean-up, they were struck by the large amount of plastic littering the beach. They were stunned when they saw wave after wave of single-use plastic bottles.

Upon returning to school, the kids asked their teachers how they could change the societal dynamic and they were encouraged to organize. The students then formed an IS7 "Green Team" and created posters asking their fellow students to consider the harm done to the planet by plastic bottles. The students had all been given a steel, insulated reusable bottle and a vinyl drawstring backpack as part of the educational initiative and they wanted to show other kids that they should be using reusable bottles instead of single use plastic ones. The school supported their efforts and bought hundreds of metal bottles with the school colors and the logo of the school team – The Vikings. When they got together at lunch, the Green Team sold the bottles to their fellow sixth graders and hope to use any funds gained to support their environmental efforts.



They also organized a "Plastic Bottle-Free Lunch" event to celebrate the grade's new-found environmental awareness. Their efforts were a great success!

The Environment TV was on hand to document their work and the result was a video with the same name as the title of this article – "Celebrating the Green Team at IS 7". Charlie Olson and Lenny Libruzzi covered the event and interviewed the students and teachers. It is posted with a number of other Island and metropolitan area events at www.theenvironmenttv.com. The school also posted the link on their website and the children received kudos for their leadership and their sensitivity to the planet.

The students' interest in environmental issues has produced even more benefits. Etan Goldberg, the science coordinator at Bernstein has scheduled a field trip to clean Wolfe's Pond Park on May 28th, the day following Memorial Day and has challenged another middle school to join them.

NRPA members are encouraged to join the group to help supervise the event and to cheer the children on. To get involved, contact Tony Rose at nobends@aol.com.

FIND MORE AT THE SHORE IN SAN DIEGO

By Tony Rose

Being a dismal, chilly month, February is a great time to get away. Expecting sunny and warm, it was a surprise to find that February in San Diego wasn't too different from days in New York. It didn't go down to arctic weather like the day on Staten Island when we left and we certainly didn't have to shovel like we would have had to later in the week, but San Diego was overcast, drizzly and

low 60's.

But we were away and determined to enjoy it. San Diego is a small, but alive city. If you go, be sure to check out the restaurants in Little Italy and seafood along the shore. From an Irish pub, to the restaurant in the Marriot Pulse resort where we stayed, we were never disappointed by the food.

Transportation in San Diego is interesting and diverse. The have trolley cars that you can pay for on your phone as well as buses and Free Ride. Free Ride is a fascinating concept. It is actually a free ride.



Vintage trolleys travel the downtown loop

Sponsored by local businesses, you obtain your ride by downloading the app and entering your location and your desired destination. The spinning wheel tells you it is looking for drivers who will accept your request like Uber and then it informs you when they will arrive. You follow the driver's progress on a map and a covered golf cart arrives and takes you to your spot. The only expense is a generous tip to your driver. Taxi operators are not happy, but we were.



There are plenty of ways to spend your time. Balboa Park, in the center of town, has over a dozen museums including the Museum of Man, a Natural History venue, Auto museum, model railroads and an Air and Space museum. They are not large and a determined visitor could hit half a dozen in a day. I was disappointed by the world-renowned zoo. There is a millennial, gentrified quarter with interesting thrift shops and vintage clothing stores. One advantage to going in February, the off-season, is the half-price pass you can pick up at the main library and get half-price admission to any museum in the city

In La Jolla, celebrated by the Beach Boys, among others, there are bathing beaches and upscale restaurants. A La Jolla highlight is the Birch Aquarium, affiliated with the Scripps Institute. There are touch pools, all different kinds of seahorses and a floor to ceiling (and a very high ceiling, at that) wall of a tank populated by sting rays, sharks, and sea turtles that stroll endlessly past you like a giant screen saver. There are amphitheater-type seats so you could sit for hours meditating on the beauty of the sea.

A big reason I went to San Diego is



Leafy sea dragons are a major attraction at the Birch Aquarium in La Jolla

for the diving. There is a Star Wars episode with a chase scene where the characters ride riotously through the forest on rocket sleds. Imagine

that on acid. That is diving in the kelp forest.

Huge twelve and eighteen-inch sea stars painted purple and yellow adorn the bottom and sometimes climb the kelp. Orange Garibaldi's, California's state fish, dart in and out, while overhead, sea lions cast fleeting shadows as they whip past you and sometimes tug playfully on your fins.

La Jolla Cove is a nature sanctuary where some days the lobsters come out and laugh at you because they know you can't touch them. Nearby is La Jolla Shores, a long open beach where, in the early winter, squid mate and die off. The feast draws large fish, dolphins and sea lions. A highlight of the event is to snorkel in five-foot deep waters surrounded by gorgeous leopard sharks, who could care less about people. They are non-aggressive and are just here for the easy squid. I once counted a dozen in view of my mask as I trolled the blue waters in my wetsuit. It's an easy swim and exciting, even when you know they are not going to bite.



Sea lions cluster at arms length away at La Jolla cove

Once, on a night dive at the Shores, I felt the dolphins signal in my chest as they schooled by and echo-located us with their sonar song. It was an amazing experience. If you go, check out scubasandiego.com. It was off-season and twice, I had a dive master all to myself for a custom dive experience.

The old Jail in the convention center has been turned into a shopping and dining plaza with a small portion left in its original state as an interactive display and museum.

The airport is a five-minute drive from downtown and makes getting in and out of the city a breeze.

There's plenty to do and the people are nice. We'll go there again. But Aruba is next.

STATEN ISLAND GREEN UMBRELLA MEETING

By Tony Rose

On a Wednesday morning, the auditorium in the basement of the Staten Island Zoo was already humming. Zoo staffers were preparing to host a meeting and booklets, fliers and brochures were flying across the room. The Staten Island Green Umbrella was holding its bi-annual meeting and spring was upon us.

The Green Umbrella is a consortium of groups that provide environmental education around Staten Island and they meet twice each year to coordinate activities, share ideas and resources.



Groups as diverse as the NYC Compost Project, Clay Pit State Park, the Zoo and Gotham Whale were represented as well a number of Parks Department operations such as the Greenbelt and Ocean Breeze track. A member of the SI Economic Development Corporation attended as well as a business owner who markets Zeolite, a non-toxic mineral based clean-up agent that absorbs oils, paint and other toxic materials.

Maritza, a Greenbelt Educator welcomed the group and made the standard housekeeping announcements. Jessica Hartman, the school's coordinator for the SI Zoo facilitated a round robin introduction exercise where all attendees spoke

about their operation, what they hoped to get from the meeting as well as what they had to offer.

Next up was a calendar share. Each participant wrote an event, a date and time on a Post-it note. They made one for every scheduled event and then everyone tagged them in the appropriate month. A calendar would be created to help each group avoid conflicts in scheduling programs. This, by itself, made the meeting worthwhile.

Next up was 'Meet the Baby Sloth.' A 9-month sloth was presented to the group. Oohs and ahs merged with the clicking of cell phone cameras as the cute as a button critter circled the room to be admired and petted by participants. You could tell he was excited because his eyes were open.

Marilyn, a Greenbelt instructor was to deliver '3 Tips to Optimize your Social Media,' but a fall had put her on the shelf. Pinch hitting for Marilyn, Tony Rose from the NRPA stepped up to show the 4-minute video of the SI Student Summit (type 'Staten Island Student Summit' on your search bar to see the YouTube video). In the segment, he asked for volunteers to assist with the 2019 Summit to be held in early October of this year. He followed with an offer for these educators to take part in the SI Environmental Fair to be held on the morning of May 11th at SI University Hospital. There is an article on the Fair elsewhere in this newsletter.

The last topic on Tony's list was an invitation to join the SI Environmental Communications Group. This initiative seeks to produce professional quality programs on the environment to be aired on internet channels, YouTube and SI Cable as well as film festivals and other forums. To find out more, contact Charlie Olson at charlieandkathy@aol.com or Tony Rose at nobends@aol.com.

The final meeting session was a round table discussion and share where participants sat at one of four tables and brainstormed on specific topics. The list included: Volunteers, STEM and Standards, Special Events and Setting Up New Programming. Everyone benefitted from

the exchange and came away with new ideas.

If you're interested in attending the Green Umbrella meetings, the next one will be held in early 2020 with a focus on celebrating the 50th anniversary of Earth Day. Contact: Jeess Hartmann at the SI Zoo at jhartmann@statenislandzoo.org

NRPA TEAMS WITH WETLANDS COALITION TO AIR CLIMATE DOCUMENTARY

By Tony Rose

Whether you believe global warming is human-induced or that man has played a role in it or just that things happen, there is increasing consensus that the world is changing. Mankind is recognizing that there are increasingly violent storms, unpredictable weather patterns and changes in habitats that concern people as well as animals. For this reason, the Natural Resources Protective Association is joining forces with the Staten Island Coalition for Wetlands and Forests to air *Paris to Pittsburgh*, a full-length documentary about the effects of climate change and things that governments and individuals can do in response.



The film produced by Bloomberg Philanthropies and distributed by National Geographic is being made available for public screenings by the Natural Resources Defense Council.

The program is scheduled for the morning of May 11th, the movie will be part of an environmental fair hosted by the two environmental groups and Staten Island University Hospital at the Regina McGinn Educational Complex on Seaview Avenue in Ocean Breeze on Staten Island. There will be tables staffed by city and state agencies promoting conservation as well as community and environmental groups, led by the NRPA and the SICWF, from the borough. They will be discussing activi-

ties and opportunities for Islanders to engage with nature.

The 90-minute movie will be followed by a panel of experts who will briefly discuss topics such as the Department of Defense's contingency plans to cope with increased global unrest resulting from expected droughts and water shortages worldwide as well as the governments options for dealing with the impending crises. The Borough President's office will be invited to discuss the city-wide efforts to respond to storms and rising seas as well as Island-specific initiatives. An Emergency physician from SIUH will explain the health challenges of a warmer world such as tropical diseases like the Zika virus, Malaria and Dengue Fever which may soon appear in Texas

and Florida and move northward as the world warms.

The panel will field questions from the audience and then the volunteers will again man the tables as viewers return to receive reusable bags from Sanitation and fliers outlining local groups and events. In place of single-use water bottles, the Coalition for Wetlands and Forests will be distributing filled, reusable water bottles for participants to take home to use again and again.

The event will be publicized on cable, the SI Advance as well as to island community groups and local schools. In anticipation of a large turnout, participants will be enrolled on the Eventbrite registration app.

It is to be hoped that citizens, armed with information and the tools to respond, will join the army of volunteers dedicated to improving the island, the country and the world.



Upcoming Events:

PLEASE NOTE OUR NEW MEETING LOCATION at the **Regina M. McGinn, MD Medical Education Center** at Staten Island University Hospital 2nd floor, 475 Seaview Ave, Staten Island, NY 10305

Saturday, April 13, 2019 – NRPA beach cleanup with Friends of Kivlehan Park at New Dorp Beach

Saturday, May 4, 2019 – NRPA Beach cleanup with NYC H2O at Conference House Park

Tuesday, May 7, 2019 – NRPA monthly meeting

Saturday, May 11, 2019 – *Paris to Pittsburgh* documentary at Regina M. McGinn, MD Medical Education Center

Saturday, May 18, 2019 – NRPA beach cleanup at Oakwood Beach

Saturday, June 1, 2019 – NRPA beach cleanup with Urban Park Ranger at Lemon Creek Park, Sharrott Avenue Pier

Tuesday, June 4, 2019 – NRPA monthly meeting

Saturday, June 15, 2019 – NRPA beach cleanup with Staten Island Zoo at Lemon Creek Park at Seguine Avenue

Dedicated to preserving the marine environment, the Natural Resources Protective Association is a 501 (c) (3) non-profit organization. All contributions are tax deductible.

All memberships expire on December 31, so please renew NOW!

(All memberships paid after October 1 will also receive credit for the upcoming year)

Are You A Member? Have You Renewed? Please Join Us NOW!

- \$15.00 Individual**
 \$25.00 Organization
 \$500.00 Lifetime Member

- \$20.00 Family**
 \$100.00 Sponsor (after 5 payments you become Lifetime member)

YES! I/We want to join the fight!

Name: _____

Address: _____

Phone: _____ Email: _____

Mail to: Natural Resources Protective Association
 C/O Richard Chan, Treasurer
 Post Office Box 050328
 Staten Island, NY 10305

Join NRPA today