

## Nod To First Advanced System

In March of 2014 Suffolk County Executive Steve Bellone launched his war on nitrogen intrusion into our environment when he called it "public enemy #1". At this time he directed the Suffolk County Department of Health to give manufacturers throughout the nation the opportunity to demonstrate single-home wastewater treatment system technologies in Suffolk County, in an effort to test these systems under local conditions.

It's been 2 years now since Suffolk County launched phase I of its advance on-site septic system demonstration pilot program monitoring 39 actual residences throughout the county and the first qualifying result is in. All participants were selected through a lottery with no cost to them.



*(Continued on page 5)*

### PRESIDENT'S CORNER

As you can imagine with all the new changes, this has been an extremely busy year for the Long Island Liquid Waste office. Our staff has been very occupied answering questions and guiding those applying for or renewing their Suffolk County Septic License through all the requirements and endorsements. By the end of the year LILWA will have certified approximately 50% of the Suffolk County septic license holders and we are on track to certify the other 50% next year.

The common goal of the County and LILWA is to educate and keep this process as painless as possible, and so far, our office has received nothing but compliments from all who have



**Andrew Andriola**

been certified by the LILWA Program. Many, as you will see, have joined our association in support of our efforts as an advocate for the septic industry and the wellbeing of the Long Island environment. Along with the Suffolk County Septic Advisory Board we are in constant contact and discussions with the County in an effort to develop fair and balanced common sense solutions to what has become a nationwide concern about nitrogen incursion into the environment.

As a member of the Long Island septic industry, if you are not already, consider join-

*(Continued on page 2)*

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**PRESIDENT'S CORNER**

*(Continued from page 1)*

ing our association and adding your support and opinions to our efforts. Come to one of our meetings, see what we are about, we usually meet monthly in the community room at the Airport Diner on Veterans Highway in Bohemia. Call our office to arrange and reserve a seat (631) 585-0448.

On a lighter note, I would like to thank all our members and their staffs who participated in the LILWA Annual Summer Outing this past August. By popular demand, we returned by a sunset cruise out of Captree boat basin to Flynn's on Fire Island for an all you can eat seafood buffet featuring lobster.

I understand that it may appear a bit early, but in this edition of the LILWA News there is a piece on our holiday party this coming December. This year the Board of Directors voted to return to the Bellport Country Club and through personal experience I can guarantee you top shelf dinner and ambience. The details are in this newsletter and reservation forms will be mailed to you or call our office. I hope to see you all there.

*Andrew Andriola*  
President

LILWA News is published by Act III Services. Contributions, including ideas, pictures and stories are welcome and should be forwarded to Act III Services, P.O. Box 2667, Lake Ronkonkoma, N.Y. 11779 Tel: (631)585-1324 / Fax: (631)585-0262

*Contributing articles are not necessarily the opinion of the Long Island Liquid Waste Association or Act III Services.*

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## Suffolk County Certification

The next Long Island Liquid Waste Association (LILWA) certification class is scheduled for November 7, 2016 at the H. Lee Dennison Building in Hauppauge. If you are applying for a new Suffolk County Septic license or renewing and in need of certification for Endorsements 1,2,3,4,5,6,7 and or 9 the LILWA Certification will fill your needs. By the end of this year LILWA will have certified approximately half the septic licensed holders in Suffolk and on track to accommodate the other half in 2017.



For information and registration forms visit [www.lilwa.org](http://www.lilwa.org) or call the LILWA office at (631) 585-0448. For those renewing next year the 2017 schedule will be posted the beginning of November. For information on Endorsements 8,10 and 11 call the Suffolk County Department of Labor at (631) 852-5808 or visit [www.suffolkcountyny.gov/consumeraffairs](http://www.suffolkcountyny.gov/consumeraffairs).

LILWA's mission is to help you to comply with the new changes in the Septic license law and navigate through the requirements as painless as possible. Hint, if you download the Study Guide at the LILWA site, it's free, and read it ahead of time you can cut your certification time in half.

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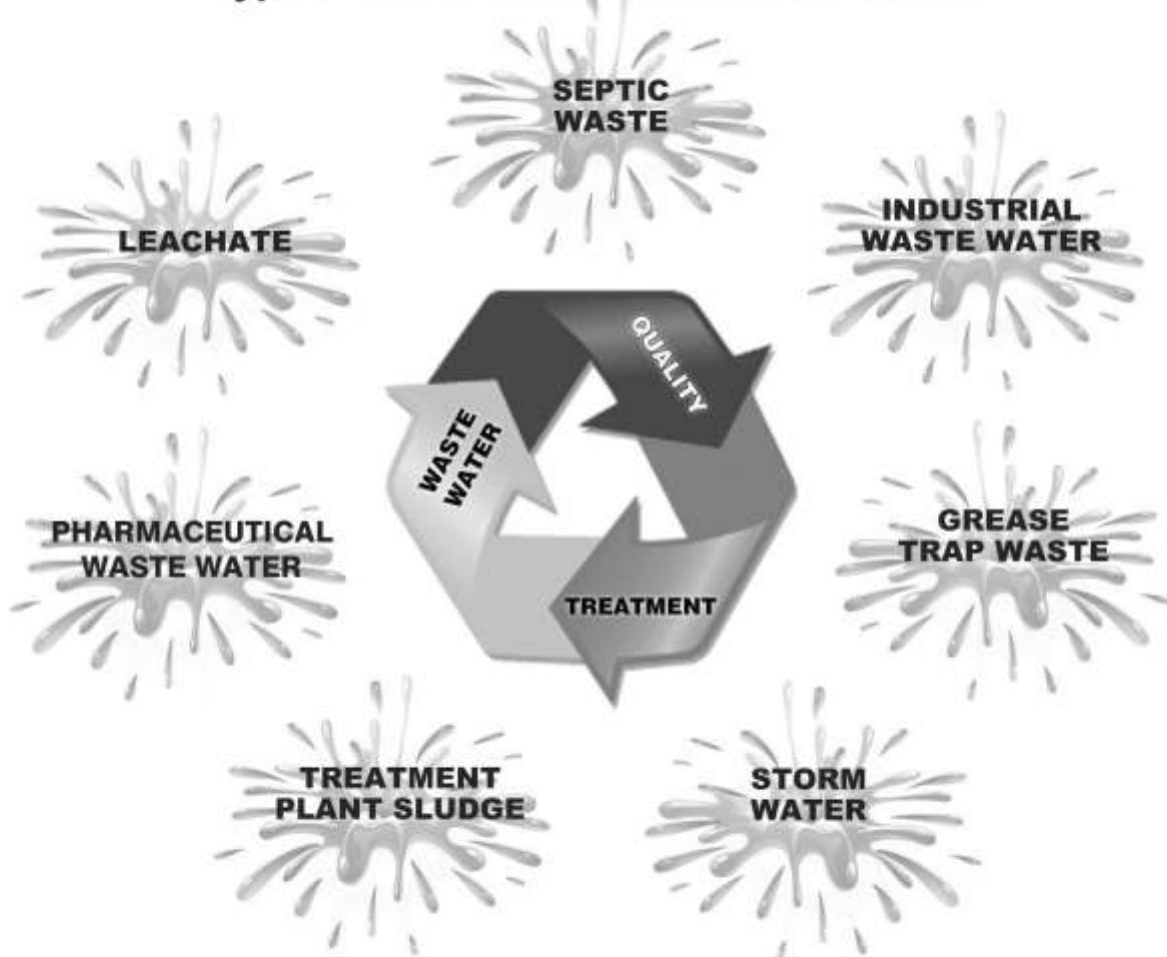


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## Nod To First Advanced System

*(Continued from page 1)*

On Tuesday September 20, 2016, after a year of testing, Hydro-Action an Indiana based company, one of 4 tested throughout the County, is the first advanced on-site septic system to be approved by Suffolk County. Suffolk County Executive, Steve Bellone, made the announcement in Dix Hill at the home of Catherine and Jeffery Lang where the system was installed and monitored.



The Hydro-Action AN advanced on-site system reduced nitrogen down to an average 16 milligram per liter which was a total of 75 percent. Hydro-Action utilizes an aerobic process to treat the waste water, without the use of costly chemicals and filters.

According to home owner Catherine Lang “there was never an issue, never a smell”. There were some comments to the fact that the system does raise above ground level. Environmentalists such as Kevin McAllister, president of Defend H2O, called the approval of the system a positive step. Kevin McDonald with the Nature Conserv-

ancy of Long Island, exclaimed “this is what the beginning of change looks like”.

The present average cost for the system including installation is \$12,000, depending on access to the property and soil conditions, which could be lower with new construction. The yearly electric cost is estimated to average \$35 and maintenance cost runs about \$300.

Presently the Hydro-Action advanced septic system is being installed by Wastewater Works, a family owned

## LILWA Holiday Party 2016

It may appear early, however the holidays are coming and they seem to arrive sooner every year, so LILWA is already on it. Wondering what to do about your Holiday Party this year, where to have it, how to go about it and what it will cost?

Join us for a festive Holiday Evening December 21st at the Bellport Country Club. Enjoy a variety of delectable hors d’oeuvres before sitting down to a gourmet four-course dinner. Party and dance to the sounds of Absolute Entertainment DJ’s, one of Long Islands premier entertainers.

Top shelf open bar. White glove butler passed hot and cold hors d’oeuvres with items like roast filet mignon on herbed crostini, marinated breast of chicken sate, miniature Maryland crab cakes, bay scallops wrapped in apple smoked bacon, seared tuna served on an Asian slaw on a fried wonton, traditional Pigs in a Blanket and much much more.

The sit down dinner will feature items like grilled marinated sliced steak, pan seared New England cod, pork loin stuffed with Italian sausage and arugula, roasted French cut chicken breast served with sweet potato mash and topped with a candied pecan butter and naturally sumptuous desert and coffee.

Bring your staff and friends for a fraction of what it would cost and effort of doing it on your own. Flyers and registration forms will be going out the beginning of November so watch your mail box.

# Sunset Cruise 2016

On August 10th LILWA members and their staffs again boarded the Moon Chaser out of Captree Boat Basin for a sunset cruise to Ocean Bay Park on Fire Island.

This has become one of LILWA's most popular events, so much so last years event was over sold.

Upon arriving at Flynn's everyone was treated to an all you can eat seafood buffet.







## UPDATE

### GET PUMPED! Long Island

Homeowners across Long Island will soon be encouraged to **GET PUMPED!** The multimedia outreach campaign to encourage homeowners to properly maintain their cesspools and septic systems is the culmination of a five year effort supported by The C.E.S.S.P.O.O.L. Project to which LILWA has been involved every step of the way.

The C.E.S.S.P.O.O.L. Project is an unprecedented partnership between three Long Island watershed protection committees – Manhasset Bay, Hempstead Harbor, and Oyster Bay/Cold Spring Harbor, and Friends of The Bay – an award winning citizens group to implement the Coordinated Environmental Solutions for Septic Problems Occurring On Long Island. Astounded by the lack of progress in generating public awareness of residential onsite wastewater management issues despite being identified in dozens of studies dating back nearly four decades to the foundational *Long Island Comprehensive Wastewater Management Plan* in 1978 (The “208 Studies”) the protection committees set out to increase awareness among their constituents – local municipal officials and the public at large.

Supported by grants from the Long Island Sound Futures Fund of the United States Fish and Wildlife Foundation and the Local Waterfront Revitalization Program of the New York State Department of State, the three protection committees representing 32 municipalities across the north shore of Nassau and western Suffolk and other C.E.S.S.P.O.O.L. partners began by holding a Municipal Officials Conference held at Old Bethpage Village Restoration in March

2014. The conference highlighted new technologies and what Rhode Island and other communities have been doing for nearly thirty years to an audience of more than 125 officials from both Nassau and Suffolk County and LILWA leaders.

The municipal conference was followed in April 2014 by the first ever Inspector Training and Certification sessions on Long Island. Both two day hands-on sessions were run by the New England Onsite Wastewater Training Center and were sold out. The fifty (50) participants represented just about every segment of the onsite wastewater management industry including: building inspectors, code enforcement officers, health department managers, municipal department of public works staff, environmental staff, consultants, engineers, planners and; septic/cesspool inspectors and pumpers from LILWA. Pumping services for the hands-on field training were generously donated by LILWA member L & J Cesspool Service.



The second phase of the C.E.S.S.P.O.O.L. Project was to hire professional pollsters from the Stony Brook University Center for Survey Research to survey homeowners about their knowledge of septic systems and to determine the methods that would best motivate them to properly care for their systems. A total of 350 homeowners participated in the survey that was conducted during March and April of 2014. Some of the findings were astounding. A majority (55%) have had a

problem with their septic or cesspool system that required action – with a quarter of homes experiencing this within the previous 3 years. Very few knew that systems require regular maintenance and 35% said that they never had their systems pumped out. Of the respondents, 75% had a cesspool only and 25% had septic systems. As for how to best reach and persuade homeowners, a large majority preferred to receive a printed brochure sent by mail and a greater number trusted information provided by non-profits or a knowledgeable neighbor than from their local government or cesspool company.



The current focus of The C.E.S.S.P.O.O.L. Project is the **GET PUMPED! Long Island** public outreach campaign. The soon to be released effort aims to get homeowners to understand their onsite wastewater systems, and to take action to maintain their systems using financial incentives. Campaign materials, which have been reviewed by LILWA and the Department of State, include an introductory brochure, five fact sheets (i.e. understanding and locating your system, maintaining your system and what to expect when you are inspected and pumped out), a homeowner recordkeeping file, and a dedicated web site ([www.GetPumpedLI.org](http://www.GetPumpedLI.org)). All of these materials, as evidenced by the money saving coupon eight LILWA members have agreed to accept, encourage homeowners to "GET PUMPED!" as regular maintenance can save them money, protect their largest investment (their home), ensure the safety of their family and improve their quality of life by enhancing local water quality. The homeowner Record-keeping Folder alone will be a great value added item for LILWA members to welcome new customers and encourage existing customers to keep up on maintenance.

Throughout, The C.E.S.S.P.O.O.L. Project has met success beyond our wildest dreams from an obscure, impolite topic that would illicit giggles that no one wanted to discuss to the Suffolk County Executive proclaiming septic problems as "Public Enemy #1" in Suffolk County. Building on what LILWA has been advocating for years before, it certainly has been a cumulative effort, that no one entity can take credit for but the Manhasset Bay, Hempstead Harbor and Oyster Bay/Cold Spring Harbor Protection Committees are proud to be a part of this combined effort that has exceeded our expectations. We look forward to continuing to work with LILWA and its members to improve the Long Island's water quality by educating homeowners and promoting environmentally responsible businesses.

For more information about the **Get Pumped! Long Island** campaign visit: [www.GetPumpedLI.org](http://www.GetPumpedLI.org) or The Cesspool Project partner web sites: Oyster Bay/Cold Spring Harbor Protection Committee ([www.oysterbaycoldspringharbor.org](http://www.oysterbaycoldspringharbor.org)); Hempstead Harbor Protection Committee ([www.hempsteadharbor.org](http://www.hempsteadharbor.org)); Manhasset Bay Protection Committee ([www.manhassetbayprotectioncommittee.org](http://www.manhassetbayprotectioncommittee.org)) and Friends of the Bay ([www.friendsofthebay.org](http://www.friendsofthebay.org)).

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## Here's To Your Health



**Linda**

flu related hospitali-

This time of year I always feel it is extremely relevant and important to remind our readers about flu shots. According to the Center for Disease Control and Prevention (CDC) "getting an annual flu vaccine is the first and best way to protect yourself and your family from the flu. Flu vaccination can reduce flu illness, doctors' visits, and missing work and school due to flu, as well as preventing zations".

In the Fall the best investment any of us can do for our health is to get an annual Influenza (flu) shot. Losing time and money and the agonizing feeling of being sick is not worth the time you will save by not getting vaccinated. A flu shot may not always keep you from getting the flu, but it can make the symptoms milder and reduce the risk of complications.

According to the CDC there are a few changes for the 2016-2017 flu season.

- Only injectable flu shots are recommended for use this season.
- Flu vaccines have been updated to better match circulating viruses.
- There will be new vaccines on the market this season.
- The recommendations for vaccination of people with egg allergies have changed.

Anyone older than 6 months can get a flu shot, but it is most important if you are at high risk for complications. Those at high risk include young children, pregnant women, older adults, and people with chronic diseases or weak immune systems. If you are a care giver for someone who is at high risk, it is a good idea to get the shot. This reduces the chance that you could spread the flu to the person you care for or your family.

A few people should not get a flu shot without talking to their doctor first. These include people with an allergy to eggs, those who had a severe reaction to the vaccine in the past, some people who are ill, and children younger than 6 months.

Flu viruses change quickly, so each year scientists make a new vaccine. To have the best chance of being protected, you need to get a flu shot every fall.

Influenza (flu) is an infection of the nose, throat, and lungs caused by a virus. Most people get better without problems, but the flu can be deadly. It can lead to serious problems (complications) such as pneumonia, or it can make an existing disease worse. Every year thousands of people end up in the hospital with flu complications. Getting a flu shot each fall can help you avoid these serious risks.

If you are a person of high risk, be it up in age or have any serious health complications, also talk to your doctor about a pneumonia shot. A pneumonia shot is presently recommended five years apart max twice in a life time

It takes about 2 weeks for your body to make the antibodies that protect you. So the best time to get the shot is in October or November, before the flu season starts. But it can still help if you get the shot in December or later,

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