

LILWA Certification Program on Track

The Long Island Liquid Waste Association's certification program is well past the half way point and on track to completing its mission of helping those Suffolk septic license holders who need assistance in complying with the new regulations. So far, we have assisted and certified well over 50% of all those applying for or renewing their septic licenses.

Since our last certification day on May 18th we have certified over 85 septic license holder this year alone. On August 7th we will be holding our next certification at the H. Lee Dennison Building in Hauppauge. As usual you will have your choice of morning or afternoon sessions. The schedule is included in this newsletter or you go to www.lilwa.org and click on certification for complete details, applications and a free downloadable study guide. You can save yourself a lot of time by taking advantage of the study guide ahead of the session.



The LILWA certification has been approved by Suffolk County to fill your requirements for endorsements 1,2,3,4,5,6,7, and 9. If you also require endorsements 8,10, and 11 we have a link on our site that will connect you with Suffolk's site or you can call them at 631-852-5808.

As usual, the LILWA staff is available to guide you through this and answer any questions you might have. The LILWA office can be reached at 631-585-0448.

PRESIDENT'S CORNER

It never ceases to amaze me what a difference a year can make. Just 355 days ago I was writing about the changes going on in the septic industry locally and nationwide and the reasons behind them. Some members of our industry were understandably anxious and suspicious of the new requirements and there was much disingenuous information and confusion about the county's new approach.

I am pleased to say that those apprehensions nationwide and here on Long Island have dissipated as license holders understood the reasons behind the changes and how they would benefit by them in many cases. It is now a recognized fact that nitrogen from onsite septic systems is a legitimate concern. It is also now believed that a combined balance of sewers and advanced and properly main-



Andrew Andriola

tained onsite septic systems diminish this nitrogen intrusion. This pragmatic approach not only addresses tax payer economic concerns, but is supported by environmental groups.

Our staff at the Long Island Liquid Waste Association has been fielding questions and tackling your concerns and misinformation on this matter for the past year and a half and have noticed a remarkable decrease in the volume of trepidations. LILWA has certified well over half the septic license holders in Suffolk County and helped them to navigate and comprehend the new changes.

This is what we do, LILWA is a not for profit septic association formed in 1974 by septic

(Continued on page 2)

LONG ISLAND LIQUID WASTE ASSOCIATION, INC.

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PRESIDENT'S CORNER

(Continued from page 1)

workers just like you. Our funds and dues are used to advocate for those who work in the septic industry on Long Island. Our board of directors and members live, work, raise their families and play on Long Island just like you. Therefore, we are just as concerned about the quality of life here and the septic industry that we work in like you. Our members have a passion about the welfare of this industry, so much so they dedicate much of their time to serve and support our association.

To do what we do for the septic industry we need your support, so please contemplate joining LILWA. If you are already a member we thank you. As a member you enable us to sustain the role we play in advocating for the septic industry which supports our families and serves our neighbors. If not, become part of the "Voice of the Long Island Septic Industry". We need and welcome your opinions and suggestions on improving our industry relationships with government, the public we serve and each other.

As you will read in this issue of the LILWA News this past May we held our Annual East End Meeting at the Plaza Café in Southampton. Board of Director, Skip Norsic, and his crew again arranged a memorable evening and naturally our compliments to Café owner Doug Gulija who always surprises us with an outstanding buffet. My personal thank you to Suffolk County Environmental Projects Coordinator Justin Jobin along with Joe Densieski of Wastewater Works Inc. for their very informative presentation.

Another acknowledgement to Dorian Dale the Director of Sustainability Chief Recovery Officer for the Suffolk County Department of Economic development and Planning who briefed our members at the June board of directors meeting on the status of Suffolk County's "Save Our Water" program. Look for the full story in this newsletter.

Just a reminder this coming August 9th is this year's date for our annual summer outing. By unanimous request we will return to Flynn's on Ocean Bay Park located on Fire Island. Reserve early there have been years it sold out. See you on the boat.

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.

A NIGHT ON THE WATER

Kick back and enjoy the summer breeze and magnificent sunsets on your way to this famous Fire Island landmark. Dine on the water at Flynn's, Fire Islands most famous restaurant. Sway to the music and enjoy the party atmosphere as you feast on their all you can eat buffet table featuring Steamed Lobsters. The Moon Chaser, out of Captree Boat Basin, offers a fully equipped cash bar and soul soothing music for your cruising pleasure on the way across the bay. Don't spend just another night out. Take an enjoyable cruise to Flynn's instead.



Join us on Wednesday August 9th at 7:00 PM, the price will be \$66 per person. Watch your mail box for reservation forms and more information or call the LILWA office at (631) 585-0448.

*In the past we had to turn people away due to the overwhelming response.
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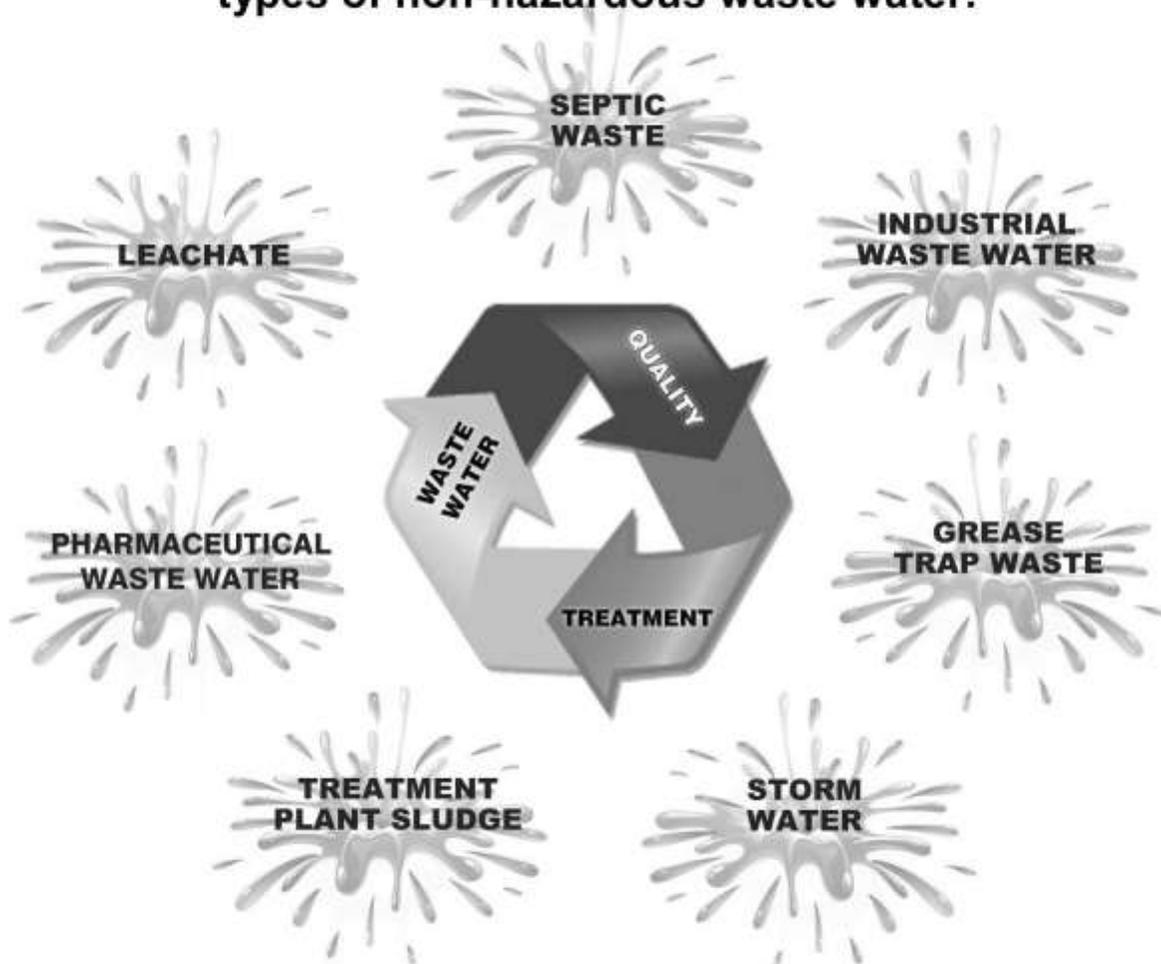


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East End Meeting 2017

It's always a special meeting when we travel out east to Southampton for LILWA's Annual East End meeting at the Plaza Café in Southampton. Besides the usual exceptional sumptuous meal provided us by café owner Doug Gulija we always try to include a distinctive speaker.

This year we were fortunate enough to have two outstanding and extremely informative and timely presenters. Justin Jobin, Environmental Projects Coordinator for Suffolk County Health Services and Joe Densieski of Wastewater Works Inc. the distributor of Hydro-Action.



Justin Jobin, Environmental Projects Coordinator for Suffolk County Health Services addresses LILWA members

Justin went on to explain in great detail for those LILWA members in attendance all aspects of the next phase of Suffolk County's Innovative and Alternative onsite wastewater pilot program now that the Suffolk Legislature approved a \$10 million homeowner grant program.

The program, which kicked off July 1st, also referred to as "Reclaim Our Waters" will issue grants up to \$10,000 per household toward the purchase and installation of a Suffolk County Department of Health Services approved Innovative and Alternative nitrogen removal onsite wastewater treatment system (I/A OWTS) and leaching structure, as well as toward attendant engineering and design services. An additional \$1,000 may be available toward installation of Pressurized Shallow Drainfields for a maximum grant of up to \$11,000.

This should cover approximately 2/3 of the cost and the remaining balance could be covered by low interest loans to those who qualify.

According to Newsday, County officials said the new program will give preference to homes in low-lying priority areas, although there is no advantage based on low income. They went on to explain backers of the new program also say it will help the County compete for \$75 million in state money available for infrastructure improvements across New York.

Joe Densieski of Wastewater Works Inc. the distributor of Hydro-Action, the first Innovative and Alternative onsite wastewater system to be approved by Suffolk County, joined Justin in describing the operational details, limitations and maintenance requirements of these newly approved systems.

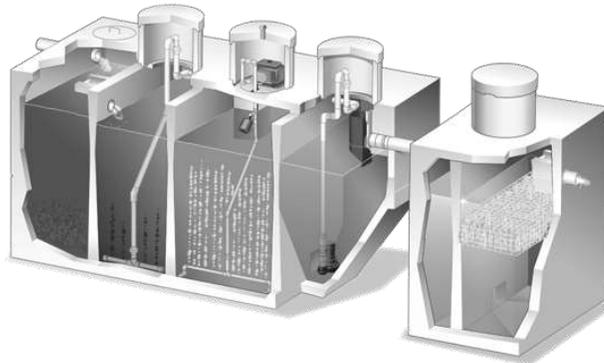
The recently approved nitrogen reducing onsite systems are limited to 1,000 gal per day therefore some applications may require two systems. Many systems have a minimum space requirement which could be a problem to some sites and setbacks. Residents who receive these grants must agree to long term monitoring of their systems performance. Justin and Joe also explained why pumps, filters and the units themselves must be inspected and serviced on a regular basis as they fielded questions from the audience.

As usual, our thanks to Skip Norsic and his group from Emil Norsic and Son Inc, who make this happen every year, the evening was an enjoyable, educational and informative event. We are also grateful to Plaza Café owner, Doug Gulija, for the superb buffet he provided to our members. It was another successful East End meeting, worth the ride, and again our thanks to the speakers Justin Jobin and Joe Densieski.

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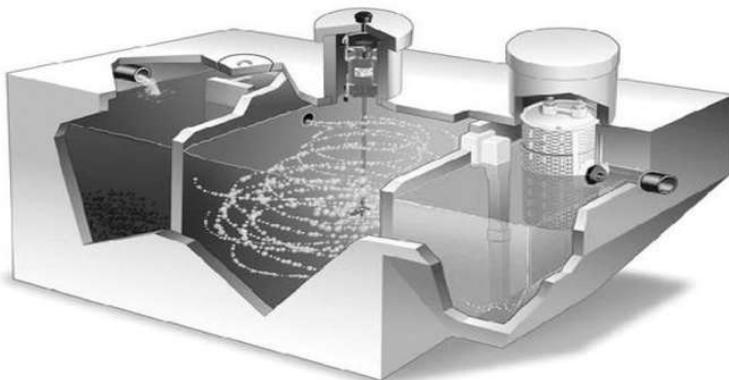
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County Briefing

Dorian Dale, the Director of Sustainability Chief Recovery Officer for the Suffolk County Department of Economic Development and Planning, was on hand at the LILWA June Board of Directors meeting to deliver a briefing on the County's septic initiative. Dorian not only updated the LILWA membership on the next phase of Suffolk's "Save Our Water" program, but gave a brief history on how it began and the growing pains along the way the newly instituted program faced and resolved.

We all know that due to contracting sales tax revenues and budget short falls they are working with limited funds and short staffing. Even with these disadvantages according to Dorian "The first step was to establish a well-run program"

He also discussed the Suffolk's Advanced Onsite Septic System grant program and the criteria's those residents applying for funds must meet. Suffolk will issue grants up to \$10,000 per household toward the purchase and installation of approved Innovative and Alternative nitrogen removal onsite wastewater treatment system (I/A OWTS) and leaching structure, as well as toward attendant engineering and design services. An additional \$1,000 may be available toward installation of Pressurized Shallow Drain Fields for a maximum grant of up to \$11,000.

Under the program, homeowners can apply for grants of up to \$11,000 for the installation of new systems if they make less than \$300,000 a year in income; grants of \$5,000 are available for those making between \$300,000 and \$500,000.

In addition to the grant, homeowners could qualify for a low-interest loan to fund the remainder of the system cost, to be paid back over 15 years. Bob Eichinger, Advanced Wastewater Treatment Specialist for Roman Stone Con-



Dorian Dale the Director of Sustainability Chief Recovery Officer for the Suffolk County Department of Economic Development and Planning briefing

struction was also present and stated that these systems have a 30-40-year life span supporting a pay back and qualifying them as a good home investment.

Dorian concluded the briefing by soliciting comments and opinions from the participating LILWA members. He also shared the fact that Suffolk County is developing a trifold mailer for the home owner they will make available to the industry and it will have a place for your company name.

For you computer browsers out there the County just unveiled its "Reclaim Our Water" web site at <http://www.reclaimourwater.info>.

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- Contaminated Cesspool
- Storm Sewer/Catch Basin Solids
- Petroleum Contaminated Solids/Semi-Solids
- Waste in Drums
- Sludge – Sewer, Oil, Grease

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- Jet-Vac
- Vacuum Truck
- Roll Off
- Drum

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DEC Update

From the Long Island Nitrogen Action Plan Project Highlight Riverhead Water Resource Recovery Facility

The Town of Riverhead Water Resource Recovery Facility (WRRF), a \$23.5 million water reuse facility funded by the NYS Department of Environmental Conservation, Suffolk County and the NYS Environmental Facilities Corporation, is designed to treat 1,500,000 gallons of wastewater generated by the Riverhead Sewer District, Suffolk County Correctional Facility and the Suffolk County court complex to the technological limit of 3 milligrams of nitrogen per liter. The facility is equipped with membrane biological reactors, ultrafiltration for solids/liquid separation and ultraviolet disinfection. It is designed to remove 95% of the nitrogen in the raw sewage.

The WRRF provides up to 450,000 gallons per day of reusable water to irrigate the adjacent Indian Island Golf Course. This equates to 100 million gallons of water that is no longer drawn from the ground and provides all the irrigation needed throughout a typical summer season. Additionally, the WRRF will reuse up to 100,000 gallons per day (or 36 million gallons annually) of treated effluent as in-plant wash water and makeup water, which was typically purchased from potable water suppliers or drawn from on-site ground water wells.

Substituting reclaimed water for potable water protects the surface water of the Peconic Estuary ecosystem by diverting approximately 1.4 tons per year of nitrogen. Reuse water containing small levels of nitrogen applied to the golf course helps to reduce the amount of fertilizer used, thereby reducing the nitrogen load contributed by surface water runoff.

For more information about the Town of Riverhead's Water Resource Recovery Facility contact:

Michael P. Reichel, Superintendent, Riverhead Sewer District, Riverhead Water Resources Recovery Facility, 631-727-3069

Frank M. Russo, P.E. Senior Vice President, Director of Wastewater Engineering, H2M Architects +Engineers, 631-756-8000x1433



Christopher A. Weiss, P.E. Assistant Vice President,
Deputy Division Director-Wastewater Engineering
H2M Architects + Engineers, 631-756-8000 x101

WE NEED YOUR ARTICLES !!!

The LILWA News is your newsletter. It is your articles and stories that make the newsletter more interesting. If you have any information or company news that you feel would be of interest, mail or e-mail it to us.

***LILWA, Inc.
PO Box 2667
Lake Ronkonkoma, N.Y. 11779***

or

Email: act3@juno.com

Certification 2017

The following tables designate the endorsements and present Suffolk County approved training programs offered by the Long Island Liquid Waste Association and the Suffolk County Department of Health Services

The LILWA Certification program has been recommended by Suffolk County to fulfill the qualifications for **endorsements 1,2,3,4,5,6,7 and 9**. It is a 4 credit hour open book test, designed to educate those applying for or renewing a Suffolk County Septic License. The course schedule is below and the fee is \$100 per person. Certification is scheduled for 4 times per year 2 sessions, morning and afternoon each date.

An application for the LILWA program and a free study guide can be down loaded at: www.lilwa.org. You will be supplied with a study guide at the session, however studying ahead of time will enable you to complete the session in a shorter period.

LILWA Endorsement Training

1	Septic Tank Pumping, Cleaning and Maintenance
2	Grease Trap/Grease Interceptor cleaning and Maintenance
3	Yellow Grease/Fryer Oil Collection
4	Temporary Restroom Facilities
5	Waste Line Cleaning and Inspection
6	Bulk Liquid Waste Transportation
7	Vactor (pump/vacuum) Services
9	Conventional Septic System Installation

LILWA Certification Schedule

Sessions	February 6, 2017	May 8, 2017	August 7, 2017	November 6, 2017
Morning	9 AM-12 Noon	9 AM-12 Noon	9 AM-12 Noon	9 AM-12 Noon
Afternoon	1 PM- 3 PM	1 PM- 3 PM	1 PM- 3 PM	1 PM- 3 PM

Suffolk County Endorsement Training

8	Conventional Septic System Maintenance Inspector
9	Conventional Septic System Installation
10	Innovative and Alternative Treatment System Installer
11	Innovative and Alternative Treatment System Provider

The Suffolk County Department of Health in Cooperation with the University of Rhode Island Training Program is offering courses to fulfill the qualifications for Endorsements 9 & 10 in April.

For more information, dates and times and applications for the Long Island Liquid Waste Association and the Suffolk County courses visit www.lilwa.com.

Here's To Your Health



**Linda
Perlow**

The weatherman is predicting a warmer than normal summer so it is wise to take heed. For those who work outdoors, Summer is the time for sun-burn, heat exhaustion, bug bites and yes food poisoning. Some simple precautions can avoid most of these afflictions.

All of us already know the simple explanation of sun-burn. Your skin basically burns, turning red and becomes irritated after spending

long periods of time in the hot sun. It's under the skin where ultraviolet light can actually alter your DNA prematurely aging your skin. Over time it can contribute to cancers, including deadly melanoma. Consequently, the burn you get today could affect you later in life.

Take precautions, even though you must work in the hot sun you can limit its negative effects. A broad brimmed hat, especially one fishermen use will help protect as well as long sleeved shirts and pants. There are many products to help keep you cool and afford UV protection at the same time.

Most important use a good sun screen, one that protects against UVA and UVB rays. Always try to apply sun screen at least 30 minutes before going outside, best first thing in the day and reapply every 2 hours. Remember, UV ray will penetrate even on cloudy and overcast days.

Summer is a critical time to defend against dehydration, which means you are simply expelling more water than you are taking in. Don't take this one lightly, according to the Occupational Safety and Health Administration each year, "heat kills at least 650 people on average in the US...more than tornadoes, hurricanes, floods, lightning or any other weather event combined".

Symptoms are dizziness, weakness and fainting. Naturally, drink water and/or sports drinks and cool down your body temperature if you experience any of these symptoms coming on. In order to cool down, your body will actively perspire, and that fluid needs to be replaced.

If you find yourself working in an area with lots of trees and vegetation, humidity, and a water source you should beware of ticks. According to WebMD, you spray insect repellent on the inside of your pants legs, socks, ankles

and shoes. Also, its recommended you roll your pant legs into your socks to reduce exposer.

If you find one on your skin, gently lift it with forceps or tweezers. Try to remove it intact.

Food borne intestinal illnesses often called food poison often appears in the summer. Whether you are at a picnic or you bring your lunch to work make sure the food you ingest has not been sitting in the heat. There is nothing more uncomfortable than a case of diarrhea, cramps or vomiting brought on by food that has turned.

Last but not least don't forget the shades. Sun glasses come in all different sizes, shapes and colors, choose the right ones for you. Above all make sure they come with UV protection.

If glare is a problem, especially while driving, consider polarized sunglasses. However, depending on the gauges you use they can have their own inherent down sides.

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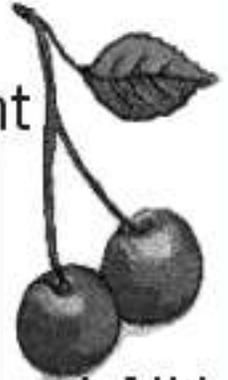


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