

The Cost of Treatment

Citizens Campaign for the Environment, Group for the East End, Long Island Pine Barrens Society, and The Nature Conservancy have been working together for over a year to form this Long Island wide campaign and the Long Island Clean Water Partnership. They are now proposing Suffolk County initiate a property tax line dedicated to grants for nitrogen removing onsite septic systems, sewer expansions and improvements to sewage treatment plants.

They expect this ballot measure will raise \$70 million a year through water bills and/or property tax. There are other states and counties who choose to base this on the amount of water going into the residence. Water in and water out theory.

The environmental groups estimate the average yearly cost to home owners at \$75, however, the Suffolk Water Authority estimates it to be \$110 per year and possibly higher. Skeptical Suffolk County legislators and the Water Authority are concerned about the added cost to homeowners.



According to Newsday to get on the ballot, the water fee would need approval from the State Legislature. State lawmakers said they'd want to see support from the county legislature and Suffolk County Executive Steve Bellone.

(Continued on page 5)

PRESIDENT'S CORNER

Except for those LILWA members who love to plow snow, and there are some, most of us are grateful for a mild winter and early spring. I would like to take this opportunity to thank the LILWA Board of Directors for their vote of confidence in electing myself and the rest of the Executive Officers for another term. A special congratulation to Mike Barry our Vice President, Joe Garbarino our Treasurer and Dick Crescendo our Secretary on their reappointments. They are an integral part in the services LILWA supplies to the residents and businesses of Long Island and the septic industry it advocates for.

The Board has a fiduciary responsibility to represent and protect the member's interest. It



Andrew Andriola

takes people like this to volunteer the time required to establish policies and make major decisions and establish direction for an association such as ours. They provide the vision, mission and goals of the organization. If you are inclined, we are always in search of fresh blood with pragmatic solutions to complicated issues, please attend a board meeting and/or call our office and talk to Linda Perlow our Executive Director.

LILWA would like to thank Dorian Dale, Suffolk County Director of Sustainability Chief Recovery Officer, for the special presentation he held at our March 12th Board of Directors meeting on Innovative and Ad-

(Continued on page 9)

LONG ISLAND LIQUID WASTE ASSOCIATION, INC.

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

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RICK HOWE
PRESIDENT



2019 East End Meeting

This Spring the LILWA Board of Directors meeting, which is open to all members, will be held at The Plaza Café in Southampton on May 14th at 7:00 PM. Thanks to the efforts of Skip Norsic and his group from Emil Norsic and Son, Inc, the well-attended evening is always a great success.

The Plaza Café, well known for their sumptuous ambience always seems to surprise our members with a princely feast, which keeps us anticipating this meeting all year long. There will be a fabulous dinner at \$25 per person served at 7:00 PM or just come for the meeting at 8 PM. As usual there will be a cash bar.

If you are already a member or interested in joining and/or learning more about LILWA, join us at The Plaza this May. The Plaza Café is located at 61 Hill Street in Southampton, NY and can be reached at (631) 283-9323.

Please call the LILWA office at (631) 585-0448 ahead of time and let us know if you intend to attend this event so we may get an approximate count on attendees.



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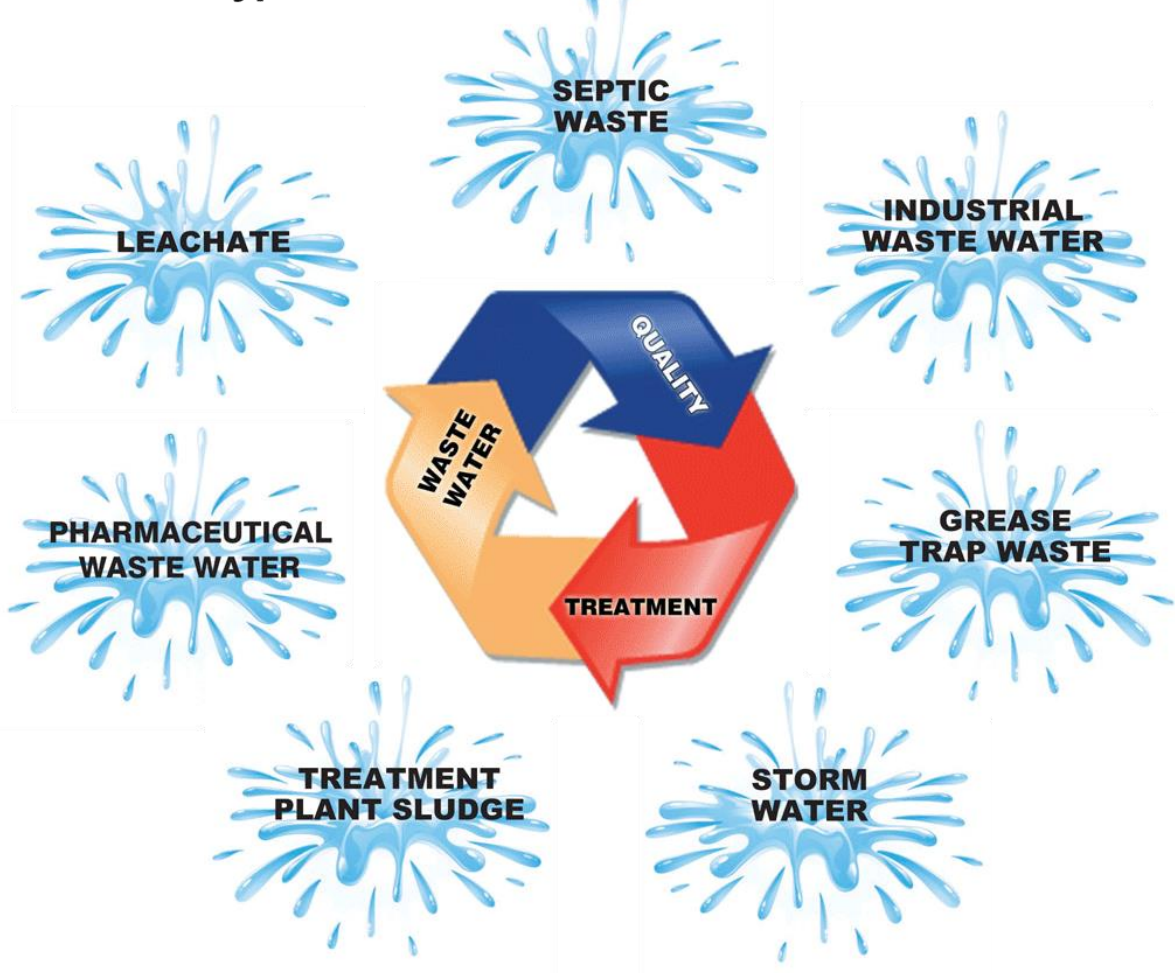
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From the Desk of the Executive Director



Linda Perlow

From the Desk of the Executive Director

This past February 11th we held our first official expanded 8 Training Credit Hour (TCH) Long Island Liquid Waste Association Certification session which I am proud to say without any major problems.

The most snags we encounter seem to come from license renewals and those who

fail to plan ahead. From my own personal experience it pays to foresee when you renew and how much time you need to comply. Continuing education is now a part of the license renewal process, sign up to complete your TCH at a convenient time for yourself. Know when your license expires and don't wait till the last minute to conform, as a Suffolk County Septic License holder this is your livelihood and your responsibility.

That being said, if a scheduling problem should arise call me at (631) 585-0448 so we can advise you on what to do.

The LILWA's Certification Program has been expanded to accommodate the Suffolk County Training Credit Hour (TCH) requirements introduced last July. For those of you applying for Endorsements 1,2,3,4,5,6, or 7 this will now fulfill the requirements of 8 TCH. This will provide installers applying for Endorsements 9,10, and/or 11 with 8 of the required 12 TCH.

The program consists of a classroom presentation, downloadable study guide and an open book test. It is designed to educate those applying for or renewing a Suffolk County Septic License. Check out the 2019 LILWA Certification Program schedule in this edition of the LILWA news.

You probably already read in this issue of the LILWA News that the Judge Coleman Annual Scholarship Program is now in its second year, it is another benefit of belonging to LILWA. Don't forget to offer it to your family members, employees and their family members. I would like to thank those of you who have already so generously donated to this year's Scholarship Fund Raiser and remind those of you who want can go to www.lilwa.org to donate and/or apply for the scholarship.

For your knowledge the following pages contain the latest Suffolk County revised list as of February 25, 2019 of pilot programs and approved innovative and alternative onsite wastewater treatment systems (I/A OWTS).

* Note: PSD Category type determines loading rates allowed when sizing Pressurized Shallow Drainfields (PSD's) following pretreatment. Category 1 systems have been classified by The Department as meeting effluent standards less than or equal to 20 mg/L for both BOD and TSS and 5 mg/L for FOG. This classification is based on the average of the steady state data on file for a technology. This data will be updated every 6-months with provisional sample results from manufacturers and systems will be reclassified as the data warrants. A PSD Category of N/A indicates that the system does not meet the requirements for category 1 or 2 at this time.

Linda Perlow
Executive Director

The Cost of Treatment

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Jeffrey Szabo, Chief Executive Officer of Suffolk County Water Authority was quoted in Newsday as stating "We believe nitrogen is an issue in surface water, in bays and estuaries. When it comes to a drinking water prospective, its not something that keeps me up at night." Obviously, there are differences in opinions here.

One of the main concerns about Suffolk County's war on nitrogen has been and still is funding.

**SUFFOLK COUNTY
DEPARTMENT OF HEALTH SERVICES LIST OF APPROVED INNOVATIVE AND ALTERNATIVE
ONSITE WASTEWATER TREATMENT SYSTEMS (I/A OWTS)**

All I/A OWTS technologies must be approved by the Department for use in Suffolk County as either an Experimental, Piloting, Demonstration, Provisional, or General Use system in order to be permitted for installation as a sewage disposal system in accordance with the “Standards for Approval of Plans and Construction for Sewage Disposal Systems for Single-Family Residences” and Standards for Approval of Plans and Construction for Sewage Disposal Systems for Other Than Single Family Residences”. This list hereby specifies such approved I/A OWTS technologies in Suffolk County.

EXPERIMENTAL APPROVALS:

The following systems are approved for Experimental Use in Suffolk County, meaning that three (3) to five (5) systems of each technology may be installed on year-round properties. These systems will be sampled monthly for twelve (12) months and approval for Piloting will be granted if the total dataset of 75% of the experimental systems have a combined average of 19 mg/L or less TN.

Technology Name	Contact Information	# Systems Approved	Max Systems Allowed	Approval Date
Orenco Advantex + Nitrex System	Pio Lombardo Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17
Waterloo Biofilter + Nitrex System	Pio Lombardo Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17
BioMicrobics Septitech + Nitrex System	Pio Lombardo Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17
Nitrogen Reducing Biofilter Lined	Hilary Wolskill Center for Clean Water Technology Stony Brook University Hilary.Wolskill@stonybrook.edu (631)216-7417	2	5	7/15/16
Nitrogen Reducing Biofilter Unlined	Hilary Wolskill Center for Clean Water Technology Stony Brook University Hilary.Wolskill@stonybrook.edu (631)216-7417	1	5	7/15/16
Nitrogen Reducing Biofilter Denite Tank	Hilary Wolskill Center for Clean Water Technology Stony Brook University Hilary.Wolskill@stonybrook.edu (631)216-7417	0	5	7/15/16

PILOTING APPROVALS:

The following systems are approved for Piloting in Suffolk County, meaning that eight (8) to twelve (12) systems of each technology may be installed on year-round properties. These systems will be sampled monthly for twelve (12) months and approved for Provisional Use if if the total dataset of 75% of the systems have a combined average of 19 mg/L or less TN.

Technology Name	Contact Information	# Systems Approved	Max Systems Allowed	Approval Date
ECOPOD-N Series	Mike Catanzaro Delta Environmental, Inc P.O. Box 969 Denham Springs, LA 70727 www.deltaenvironmental.com 1-800-2199183	0	12	7/20/17
Hoot-ANR	Ron Suchecki Hoot Systems LLC 2885 Hwy 14 E. Lake Charles, LA 70607 Ron@HootSystems.com (254) 200-0821	0	12	11/30/18

PROVISIONAL USE APPROVALS:

The following systems are approved for Provisional Use in Suffolk County, meaning that there is no cap on the amount of systems that may be installed. However, the first twenty (20) year-round systems must be sampled by every other month for twenty-four (24) months and all other residential systems must be sampled every 12 months. Provisionally approved technologies may receive general use approval if the dataset of all of the 20 year round systems have a combined average of 19 mg/l or less TN.

Technology Name	Contact Information	PSD Category*	Approval Date
Hydro-Action AN Series	Joe Densieski, Wastewater Works, Inc wastewaterworksinc@gmail.com (631) 831-2580	1	9/28/16
Norweco Singulair TNT	Tom Montalbine, Roman Sone Construction Company www.romanstoneco.com - tmontalbine@romanstoneco.com (631) 667-0566 Ext. 114	N/A	10/7/16
Oreco AX-RT	Lee Essay, Nugent & Potter www.nugentpotter.com – Lee@nugentpotter.com (631) 283-1103	1	3/1/17
Norweco Hydro-Kinetic	Tom Montalbine, Roman Sone Construction Company www.romanstoneco.com - tmontalbine@romanstoneco.com (631) 667-0566 Ext. 114	1	4/21/17
Fuji Clean CEN	Bryan McGowin, Advanced Wasterwater Solutions LLC bryan@awsli.com - (631) 405-0358 Peder Larsen, Shelter Island Sand, Gravel & Contracting siand gravel@gmail – (631) 749-1040	1	1/19/18
SeptiTech STAAR	Bob Eichinger, SeptiTech Long Island Bob@septitechli.com – (631) 284-9893	1	7/23/18



UPDATE

World Water Day, an opportunity to reflect on and celebrate our relationship with water, the many ways it factors into our lives and why we must do more to protect this vital resource. The Long Island Nitrogen Action Plan (LINAP) Team is working on many fronts to target nitrogen pollution and develop a robust nitrogen reduction strategy for Long Island. Keep reading to learn what we have been doing lately.

The LINAP Team is working on:

- Groundwater monitoring
- Septic system replacement - Suffolk and Nassau Counties incentive programs for homeowners and businesses
- Water reuse – an interactive guide to help navigate the regulatory process and a map of wastewater treatment facilities and golf courses to encourage irrigation
- Fertilizer management - DEC will soon publish recommendations based on the Fertilizer Workgroup discussions
- Long Island Drinking Water – a study is underway that looks at the sustainability of Long Island’s aquifer that is the source of drinking water for island residents.
- Wastewater treatment plant upgrades and sewer improvements in Nassau and Suffolk counties
- Expanding water quality monitoring efforts in the Western Bays of the South Shore Estuary Reserve
- Assessing the amount of nitrogen being discharged island wide into the ground and surface water

**LILWA WELCOMES
NEW MEMBERS**

**John Parry
South Fork Septic Services, Inc.**

**Rodney Pierson
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Your support is greatly appreciated

PRESIDENT'S CORNER

(Continued from page 1)

vanced Septic Systems. The stated objective of the workshop was to provide an overview of initiatives that are currently underway in Suffolk and to address cesspools and septic systems in a “proactive, innovative, and cost-effective manner”. Those present addressed a variety of issues with onsite systems, including inspections, up-grading and affordability.

In response to this meeting you will find much of this edition of the LILWA News dedicated to these new systems. We, at LILWA, have always been very much in tuned with the environmental needs of the communities we serve and live in.

It is our experience that working together with government, concerned civic groups and well informed members of our industry that we can usually resolve the most complex problems with practical and affordable solutions

On May 14th LILWA will hold its Annual East End Meeting at The Plaza Café in Southampton. As usual our acknowledgements to Skip Norsic and his staff at Emil Norsic and Son Inc. for arranging this event for us and I hope to see you all at the Plaza Café. Check inside this edition of the LILWA News for details. If you are already a member or interested in joining and/or learning more about LILWA join us at The Plaza. For instructions on location or to reserve a spot at the meeting give the LILWA office a call at 585-0448.

Finally we are in the middle of our 2019 Judge Coleman Memorial Scholarship Fund raiser, look for more details on our web site www.lilwa.org I would also like to recognize Bill Rode of Biro Inc., chairman of our scholarship committee and the rest of the committee members for kicking it off to another outstanding year. Last year your generosity allowed us to award three \$1500 checks to deserving applicants. Don't forget to inform your

families and your employees and their families that they are eligible to apply, again the details and application can be found at www.lilwa.org or call our office.

Don't forget, see you at The Plaza in May, it's a great evening and worth the trip.

Andrew Andriola

President

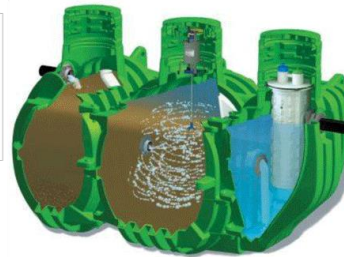
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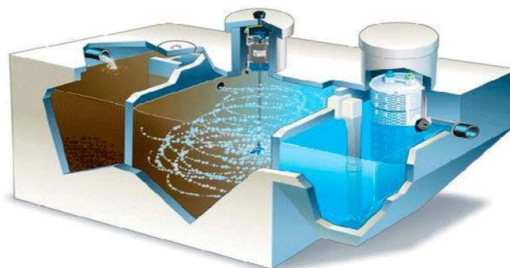
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Long Island Liquid Waste Association Certification 2019

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 approved by Suffolk County to fulfill the qualifications for **endorsements 1,2,3,4,5,6,7 and 9**. It is designed to educate those applying for or renewing a Suffolk County Septic License. The course schedule is below, and the fee is \$175 per person. It is an **8 Training Credit Hour (TCH)** program and is scheduled for 4 times per year.

The program consists of a classroom presentation, down loadable study guide and an open book test. It is designed to educate those applying for or renewing a Suffolk County Septic License.

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 11,2019	May 13, 2019	August 12, 2019	November 13, 2019
Time	9 AM-5 PM	9 AM-5 PM	9 AM-5 PM	9 AM-5 PM

Suffolk County Endorsement Training

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

For applications, training schedule and further information on Suffolk County's Endorsement Training visit: www.suffolkcountyny.gov/departments/consumeraffairs or call 631-852-5808

LILWA ELECTS OFFICERS for 2019

This past January 14th LILWA's Board of Directors, in a show of confidence, was unanimously re-elected President, Andrew Andriola, and the complete executive board to another year at the wheel. The Secretary, at the request of the Board, cast one vote unanimously re-electing Andrew Andriola President along with Mike Barry as Vice President, Dick Crecenzo as Secretary, and Joe Garbarino as Treasurer.

Our congratulations to all, along with a big thank you, for their dedication and service. The septic industry in which we all work and earn a living is in need of those who are willing to donate their time and effort to make life better for all.



**Members are reminded...
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**Leave all pertinent
information and an
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We Are Looking For Editorial Contributions!

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