

## The Island Lands State Funding

Open any national septic industry magazine and you will read about the coast-to-coast concerns about the environment, quality drinking water and nitrogen intrusion. Solution may differ from one geographical area to another, however the one common denominator is the need for funding.

This past February New York state unveiled a \$75 million plan to contribute to the funding of replacing failing and outdated onsite septic systems. Out of the \$15 million which will be distributed the first year of the program \$10.025 will go to Suffolk County, \$1 million to Nassau County and the balance upstate NY.

The New York State program will booster county and local legislative programs with essential additional funding. Also, as in most other septic programs home owner grants up to \$10,000 related to the cost of replacing systems with new innovative low nitrogen onsite systems.



*(Continued on page 9)*

### PRESIDENT'S CORNER

I would like to take a minute to thank the Board of Directors for their vote of confidence and electing me to another term as LILWA's President for the current year. Also, a special congratulation to Mike Barry our Vice President, Joe Garbarino our Treasurer and Dick Crescendo our Secretary on their reappointment. These gentlemen and the rest of LILWA's Board of Directors are definitely not Monday morning quarter backs, they are suited up and in the game. They are an integral part in the service LILWA supplies to the residents and businesses of Long Island and the septic industry it advocates for.



**Andrew Andriola**

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

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 an outstanding first year. Three months in and they already raised \$7550.00 . Lets also not forget a kudos to all the bighearted donors for their generosity. Look for the list of supporters in this issue of the LILWA News.

On May 8th LILWA will hold its Annual East End Meeting at The Plaza Café in

*(Continued on page 2)*

**LONG ISLAND LIQUID WASTE ASSOCIATION, INC.**

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Lake Ronkonkoma, NY 11779

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

**PRESIDENT'S CORNER**

*(Continued from page 1)*

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.

The Long Island Liquid Waste Association has come a long way since it was founded in 1974. This past February LILWA and I were featured in two of Cole Publishing's national magazines, The Pumper and Onsite Installer. It was humbling and an honor for our association to be recognized by such a titan in the industry. Our appreciation to the publisher.

Don't forget, see you at The Plaza in May.

*Andrew Andriola*

President

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## LILWA Annual East End Meeting 2018

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 8th 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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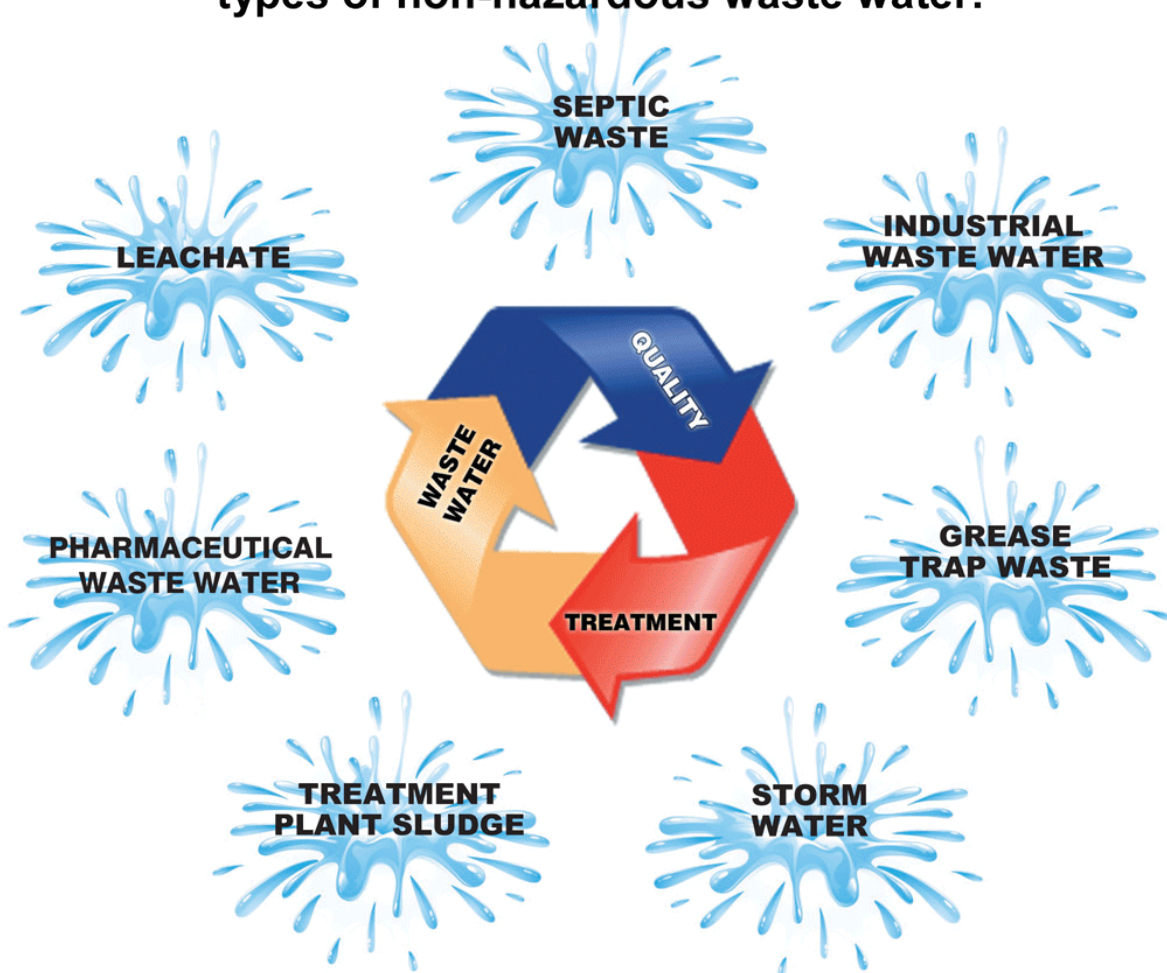
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## The Annual Judge Coleman Memorial Scholarship fund

It was a sorrowful day last fall when we said goodbye to Judge Coleman. He was such an integral part of the Long Island Liquid Waste Association and a personal friend to most everyone in the industry. Everybody seemed to search for a way to express their reverence for the man.

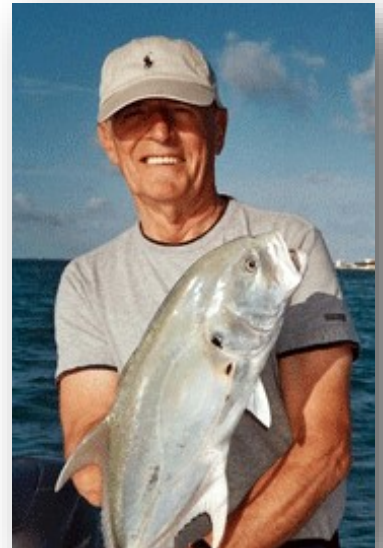
After much deliberation and in the spirit of Judge, the LILWA Board of Directors decided to create the Annual Judge Coleman Memorial Scholarship Fund, another benefit for LILWA members. This is an appropriate legacy for a man who dedicated so much of his time and energy to our association and the industry it serves.

A scholarship committee was appointed consisting of Bill Rode chairman, Dick Crescenzo, Peter Barrese, and Liz Coleman and a fundraising campaign was initiated this past January. As of the printing of this newsletter your outstanding donations have raised \$7550.00 to serve as the scholarship fund foundation and still growing.

The first year LILWA will give out a \$1500 award and as the fund grows so will the awards.

**Applications for the scholarship which is open to all LILWA members and their families plus their staff and their families are being accepted until April 30, 2018.**

LILWA will be accepting donation year-round for all those who would like join the following list of scholarship supporters. For applications, donating or further information please visit [www.lilwa.or](http://www.lilwa.or) or call the LILWA office at (631) 585-0448.



### Our gratitude to the following scholarship supporters

John & Yvette Duignan  
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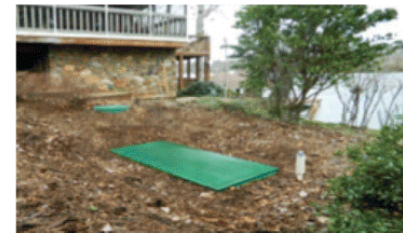
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# AdvanTex-AX-RT TREATMENT SYSTEM



## Waste Water Treatment Systems for SUFFOLK COUNTY

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AdvanTex Treatment Units are preceded by a full size primary septic tank compared to smaller trash tanks. This requirement offers a large holding capacity for sludge management meaning less pump-outs over the life of the system. With larger tanks pump-outs are recommended on an as needed basis, based on a sludge test, and usually can extend pump-outs intervals to, 7+ years, lessening the burden on your wallet.

### • FULL ACCESS COVER FOR SERVICING

Imagine your auto mechanic trying to work on your car through a 24" access hole in the hood. Doesn't make sense does it?? This is why AdvanTex offers a large hatch type lid for your service provider to have full access to the unit. This ensures that the components of your unit are easily accessible to be checked and tested during routine maintenance and helps to lower service time and cost.

### • CATEGORY 1 APPROVED UNIT

AdvanTex is a Category 1 approved unit meaning it reaches the highest levels of effluent quality recognized by Suffolk County. This rating allows designers to reduce the size of the drain field making it more adaptable for smaller lots and lowering the installation cost. Higher quality effluent will also extend the life of your drain field minimizing costly repairs.

### • DISCHARGE PUMP INSIDE TREATMENT UNIT

When a discharge pump is required to pump effluent to a leach field we can conveniently locate the discharge pump inside of the AdvanTex tank. This means an additional pump tank is not required. The pump will be operated by the same control panel as the treatment unit. This allows for a compact installation that is easy for the service provider to maintain.

### • LOW POWER COST, LOW ODOR

AdvanTex is a passively vented system which means no blowers! The system uses electric motor driven pumps that run from 30 to 60 min. per day vs. blowers that run 24/7. This leads to low power cost at an average rate of only \$2-\$3 per month nation wide. Minimal run time extends pump life 20+ years. No blowers also means minimal odor and noise issues in and around the unit.

### • COMMUNICATES WITH SERVICE PROVIDER

Transitioning from a traditional septic system that was out of site out of mind to a new wastewater treatment unit which requires constant attention is a big learning curve. AdvanTex helps ease some of that curve by offering Telemetry Control Panels for all of their units. This means that your service provider is connected to your unit via phone or internet and able to get alerts should a problem arise. With these remote alerts many times the provider is notified before you realize there is a problem saving annoying disruptions and costly cleanups if a backup were to occur.

### • PACKED BED MEDIA FILTRATION

AdvanTex is considered an attached growth, packed bed media filter as opposed to activated sludge, suspended growth filtration. This means that there is a physical media in the treatment unit that microorganisms can cling onto to perform their work. With this type of treatment AdvanTex starts treatment faster and works better during seasonal use or system down time.

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## From the Desk of the Executive Director



**Linda Perlow**

License Law which was adopted on July 19, 1974.

As most of you know, to further protect the public health and water quality, Suffolk County's Legislature amended the Suffolk County Septic Code again effective June 23, 2016. Those septic companies applying for or renewing their license after June 23, 2016 were required to comply with the new regulations.

In an effort to address environmental and public safety concerns and develop a long lasting confidence in the septic industry and the labor force standards were developed. New and future developments in the sanitation industry will require a degree of ongoing education.

At this time 11 specialized endorsements were added under the Liquid Waste License. Specific training and/or experience for the particular service or services your company provides is required of any applicant applying for or renewing a Liquid Waste License as of the aforementioned date.

The Long Island Liquid Waste Association (LILWA) on-site Septic Contractor Certification Program was approved by Suffolk County as an excepted training program for endorsements 1,2,3,4,5,6,7, and 9. Just a reminder, after 2 years of offering our certification program those who first availed themselves of it in 2016 are up for renewal.

It has been over 20 years since Suffolk County adopted the Industrial, Residential Septic Tank/Sewer Drain Treatment, Bacteria Additive and Maintenance License Law back in 1995, affording consumers added protection and the industry a greater sense of professionalism. Prior to this, the septic industry was regulated under the all-inclusive Home Improvement

For a detailed description of the endorsements including training scheduling, registration forms and study guide visit the Long Island Liquid Waste Site at [www.lilwa.org](http://www.lilwa.org) or call the LILWA office at (631) 585-0448. You could also visit [www.suffolkcountyny.gov/consumer affairs](http://www.suffolkcountyny.gov/consumer%20affairs).

If you subscribe to the Pumper and/or Onsite Installer magazines you may have noticed an interview with LILWA President, Andrew Andriola, in their February 2018 WWETT show issue or you can read it online at their internet sites if interested. It is quite an honor for Andrew and our association to be recognized by two national publications, we express our appreciation to Cole Publishing.

I would like to remind our members to inform the LILWA office of any changes to your address or phone number, so we can keep your information current especially the DOT Alert Program and the internet Septic Service Directory.

Some of you may have experienced a day of problems with our website back the beginning of March, we apologize for any inconvenience you may have experienced. Our internet provider was upgrading servers that week and as often happens there were a few bugs. However not only is everything right with the world again but we freshened up the look a bit.

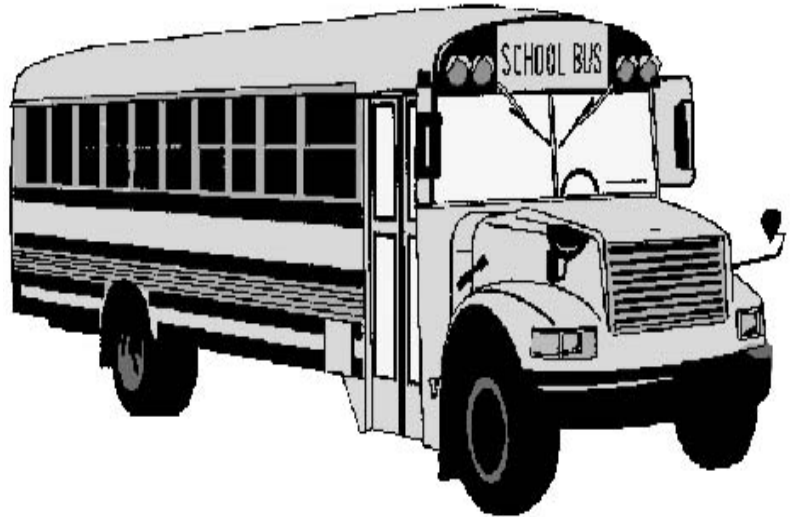
Any special news about your company, family or crew, let us know we would be glad to include it in our newsletter. It's always great to hear from our membership about their families staff and company news.

In closing, I would like to thank all those who donated to the Judge Coleman Memorial Scholarship Fund. Your generosity has been outstanding. This is LILWA's first year offering the scholarship and even though we will be taking donations year-round so far, your benevolence has not only raised enough for this year's award but is helping to create a foundation for years to come.

Applications for this year's scholarship award are being accepted until April 30, 2018. If you know of any student in need, please let them know. Thank you.

A story from the past

# BUS SIZED FAT



Here in the states our septic treatment facilities may be concerned about pushing some grease through the grates, but across the pond in Surrey, England, just 30 miles south of London it was 15 tons of fat. This lump of lard was compared to the size of a bus.

The 30,000 pound bus sized lump of food fat and wet wipes has been dubbed the “fatberg” in a press release from the utility. It took three nights the Thames Water company eight-man crew to clean up and remove the mound using shovels and waterjetting to dislodge the pulpy aggregation of cooking fat and flushed wet wipes, uncovered after residents in Kingston, Surrey complained about unflushable toilets. Together, the wipes and grease formed "a congealed wet mash" the size of a bus that smelled like "the worst wet dog you can ever think of."

According to Gordon Hailwood, supervisor at Thames Water “Given we’ve got the biggest sewers and this is the biggest fatberg we’ve encountered, we reckon it has to be the biggest such berg in British history.”

In his press release, Hailwood urges homeowners and businesses to recognize what they’re putting down drains so a blockage like the fatberg doesn’t reoccur. He stresses the importance of not flushing wet wipes, an ongoing concern in our nation’s sewers as well.

Meat fats like the white parts of bacon, or goose fat, or vegetable fats like Crisco, are solids at room temperature, when they're stored in a jar on the counter top. On a hot pan they turn runny and can be poured down a sink. But once they cool off, they turn solid and sticky once again. "Fats and wet wipes together are just a recipe for disaster," Craig Rance, press officer at Thames Water explained. The stuff may disappear down the drain, but down in the sewers, "a bit of fat will catch and a wet wipe will add on to it and it will catch and catch and catch."

The problem gets particularly sticky after food-related holidays, Rance said, and Thames Water gets a delayed Christmas bonus in a breakout of sewer blockages just around the New Year. Rance anticipates that his American colleagues face a similar problem just after Thanksgiving.



## The Island Lands State Funding

(Continued from page 1)

In March of 2017, at a press conference, County Executive Bellone unveiled "Suffolk County's Reclaim Our Water Septic Improvement Program" the next phase in his initiative.

After testing and approving advanced and innovative onsite septic systems for the homeowner, that meet the County's acceptable nitrogen levels. This next pilot phase will assist Suffolk homeowners with the financial cost of upgrading their aging cesspools and septic systems. According to County Executive Bellone "this program is a grant and financing initiative designed to make the purchase and installation of advanced septic systems affordable for the average homeowner".

Starting July 1, 2017 they would grant funding of \$11,000 per household allocates up to \$10,000 to cover cost of the unit and \$1,000 for installation.

"The total cost of the systems should range from \$14,350 to \$17,850 depending on site conditions and other factors" Bellone explained at a press conference. Low interest financing would be available covering up to \$10,000 of additional expenses. Applications and details for this program are available on the county web site.

Southampton also hit the ground running with their own program and new septic requirements.



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## **Long Island Sound 2017 Hypoxia Event Shortest in 24 Years**

There is a need to document hypoxic conditions (low dissolved oxygen) in the Long Island Sound and its embayments, as defined in the Long Island Sound Study's Comprehensive Conservation and Management Plan. The Connecticut Department of Energy and Environmental Protection (CT DEEP) and the Interstate Environmental Commission (IEC) have been monitoring dissolved oxygen, as well as key water quality parameters relevant to hypoxia since 1991. The monitoring from 2017 showed the shortest hypoxic event. There has been a significant reduction of the hypoxic area in Long Island Sound, and compared to the previous 24 years, 2017 was the shortest event lasting 26 days and was well below the average of 53 days.

For the latter part of the twentieth century, the Sound has been subject to the effects of increased nutrient loading. Seasonal weather patterns, particularly during the summer months, exacerbate the effects of nutrient loading, causing hypoxia in the Sound. Hypoxia negatively impacts the water quality of the Sound, the ecosystem services and resources it provides, and the habitat that is home to many species.

In the early 1990's, the Environmental Protection Agency, Connecticut and New York State adopted a nitrogen reduction target of 58.5% by 2017 to reduce nitrogen in the Long Island Sound from levels recorded in the early 1990's. Hundreds of millions of dollars have been invested to reduce nitrogen by upgrading wastewater treatment plants that discharge nitrogen into local waterbodies, and as of 2016, New York and Connecticut nitrogen loads were below the Waste Load Allocations permitted by the plan, known as a Total Maximum Daily Load (TMDL).

## **Suffolk and Nassau Counties Receive State Funding for Replacement of Aging Septic and Cesspools**

The Clean Water Infrastructure Act of 2017 established the State Septic System Replacement Fund and allocated \$75 million to support a multi-year effort to replace aging septic systems in priority areas across New York State. Through a collaboration between the State Departments of Environmental Conservation and Health (DEC, DOH), and the Environmental Facilities Corporation (EFC), the State will support the new program in 31 counties with \$15 million during its first year. To guide the funding and maximize water quality improvements, DEC and DOH identified priority areas eligible to participate based on the presence of a sole-source aquifer used for drinking water, known water quality impairments linked to failing septic systems, and the ability for septic system upgrades to mitigate water quality impairments. Funding for each county was based on population density, as well as the proximity of septic systems to drinking water sources. Suffolk County is earmarked to receive \$10.025 million and Nassau County is to receive \$1 million. The remaining funds will be divided up between the 29 upstate counties.

## **Town of Brookhaven Sewer Expansion Funding**

Town of Brookhaven Supervisor and Long Island Regional Planning Council member, Ed Romaine announced that the Town has been awarded a \$30,000 New York State DEC Planning Grant to prepare an engineered plan, map and report for a sewer collection system to connect the Greater Bellport Hamlet Center to Suffolk County's Harrison Avenue Sewage Treatment Plant (STP). The plan, map and report will build upon the Greater Bellport STP Siting Options and Feasibility Study.

Brookhaven's 2014 Greater Bellport Land Use Plan presented the blueprint for a transit-oriented downtown supported by train and sanitary infrastructure. Brookhaven has aggressively pursued centralized wastewater treatment to protect the environment while stimulating economic development. The system design would have the potential to handle 75,000 gallons per day of wastewater from the Greater Bellport Hamlet Center, as well as an estimated 60,000 gallons per day from Bellport Village.

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## Long Island Liquid Waste Association Certification 2018

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 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](http://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

*Due to hazardous weather there has been some scheduling changes*

Sessions	April 9, 2018	May 7, 2018	August 6, 2018	November 14, 2018
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
10	Innovative and Alternative Treatment System Installer
11	Innovative and Alternative Treatment System Provider

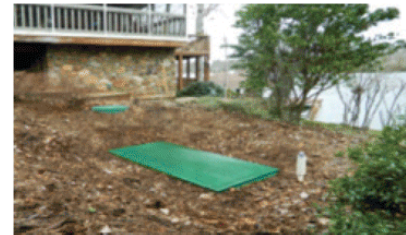
For applications, training schedule and further information on Suffolk County's Endorsement Training visit: [www.suffolkcountyny.gov/departments/consumeraffairs](http://www.suffolkcountyny.gov/departments/consumeraffairs) or call 631-852-5808

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When a discharge pump is required to pump effluent to a leach field we can conveniently locate the discharge pump inside of the AdvanTex tank. This means an additional pump tank is not required. The pump will be operated by the same control panel as the treatment unit. This allows for a compact installation that is easy for the service provider to maintain.

### • LOW POWER COST, LOW ODOR

AdvanTex is a passively vented system which means no blowers! The system uses electric motor driven pumps that run from 30 to 60 min. per day vs. blowers that run 24/7. This leads to low power cost at an average rate of only \$2-\$3 per month nation wide. Minimal run time extends pump life 20+ years. No blowers also means minimal odor and noise issues in and around the unit.

### • COMMUNICATES WITH SERVICE PROVIDER

Transitioning from a traditional septic system that was out of site out of mind to a new wastewater treatment unit which requires constant attention is a big learning curve. AdvanTex helps ease some of that curve by offering Telemetry Control Panels for all of their units. This means that your service provider is connected to your unit via phone or internet and able to get alerts should a problem arise. With these remote alerts many times the provider is notified before you realize their is a problem saving annoying disruptions and costly cleanups if a backup were to occur.

### • PACKED BED MEDIA FILTRATION

AdvanTex is considered an attached growth, packed bed media filter as opposed to activated sludge, suspended growth filtration. This means that there is a physical media in the treatment unit that microorganisms can cling onto to perform their work. With this type of treatment AdvanTex starts treatment faster and works better during seasonal use or system down time.

For more information on how AdvanTex can fit your property call now ~ 631-283-1103



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## UPDATE



*Ralph Macchio, Bob Kendall, Rosalie Macchio*

Ralph Macchio, a founding member of NAWT, was honored during the 2018 State Association Breakfast. He was presented with a commemorating statue of the 20th anniversary of receiving the first Ralph Macchio Lifetime Achievement Award. This was also Ralph's 80th birthday

### **NAWT Partnering with Associations in Canada.**

The National Association of Wastewater Technicians (NAWT) and the Ontario Association of Sewage Industry Services (OASIS) are collaborating and working together to bring Vacuum Truck Training (VTT) to Canada. In January of this year Bruce Fox, NAWT's Vice-President, visited OASIS and trained five individuals on the nuances of VTT.

As many of you know who have either taken the online VTT course or have attended an in-person course, the VTT training course is targeted to those that own or operate a vacuum truck which is used to clean septic tanks, aerobic treatment units, holding tanks or grease traps. The course is directed specifically at owners and employees who require a solid base of information to work with and to perform their daily tasks.

- Some of the topics that were covered during Bruce's VTT training course were as follows:
- Materials to pump and avoid
- Government regulations
- Truck equipment and components Drive and Control mechanisms
- Basic and advanced pump out skills and procedures
- Loading and unloading
- Safety and emergency response plans
- Customer interaction and education
- Reasons to manage these materials
- Basic science of vacuum and pressurization
- Pumps
- Basic Pump Truck Operation
- Manifests and reports

Bruce will be returning to OASIS in April to complete the five individuals training where they will be putting on the training themselves.



## Suffolk County Septic Truck Required Lettering

*4" letters – In a contrasting color to truck*

*For Cesspool trucks  
Label each side and rear*

**LW# \_\_\_\_\_  
SANITARY/ORGANIC  
WASTE ONLY**

*For Vactor trucks  
Label each side and rear*

**LW# \_\_\_\_\_  
SANITARY/ORGANIC  
WASTE ONLY**

*If you choose to dedicate a truck for grease  
For Grease trucks*

*Label each side and rear*  
**LW# \_\_\_\_\_  
TRAP GREASE ONLY**

Endorsements 1,2,3,4,5,6,&7 require a dedicated vehicle displaying the liquid waste license number and dedicated use label on the truck. A copy of the truck's registration & a photo showing the plate number and trucks dedicated use must be submitted when applying for or renewing a liquid waste license



## LILWA ELECTS 2018 Officers

This past January 9th 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.



### We Are Looking For Editorial Contributions!

If you have an industry or company topic or opinion of interest you would like to submit for publication in the *LILWA News*, please e-mail it to us at:

info@lilwa.org  
or  
call the LILWA office at  
(613) 585-0448

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## LILWA, INC.

The Long Island Liquid Waste Association, Inc.  
P.O. Box 2667  
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