



And Here We Are

Back in March of 2014 Suffolk County Executive, Steve Bellone, first announced the first step in a comprehensive, multi-phased infrastructure plan to begin to address Suffolk County's nitrogen pollution crisis. The 'Reclaim Our Water' initiative would be the greatest investment in clean water infrastructure in generations.

"The alarming increase of nitrogen pollution from septic and cesspools in Suffolk County's surface and ground waters is leading toward an ecological collapse," said County Executive Steve Bellone. "Nitrogen pollution adversely affects our coastal resiliency, our environment, our economy, our land values, our tourism industry and our recreational use of our waters. We must take immediate and decisive action to remediate the decades of nitrogen pollution.

The last time any Suffolk legislators made a serious and meaningful attempt to address this issue was back in the late 1970's and 1980's with the creation of the Southwest Sewer District (SWSD). The Bergen Point Sewer Treatment Plant was built and went on line in 1981 funded by federal and state moneys.

Unfortunately SWSD suffered from corruption, substantial delays and cost overruns. The original 1969 budget for construction started out at \$315 million and by the time the first homes hooked up and flushed their toilets in 1981 the cost had risen to over \$900 million. So for forty years the subject of septic disposal became a legislative hot potato that no one wanted to address until now.

Suffolk County Executive Bellone is addressing the issue with a new approach. Facing an unaffordable estimated \$9 billion cost of sewerage all of Suffolk, the County has taken a more feasible partial sewers and advanced onsite septic system alternatives.

This led to the amendment in December of 2017 of Article 6 of the Suffolk County Sanitary Code and new regulations for licensed septic service providers. As of July 2018 Suffolk Septic license holders upon renewal are required to attain 8 Training Credit Hours (TCH) for endorsements 1-7 (endorsement 8 has been suspended) and 12 TCH for 9-11.

In 2019 Suffolk County plans to start policing the Septic Hauler Information Portal (SHIP). This is an internet program that allows the liquid waste industry to report installations and pump outs of septic systems to the county to be used for future decisions.

PRESIDENT'S CORNER

It's time we said goodbye to the year 2018 that very soon will become our history. But before we greet the year 2019, it is customary to reflect on the past twelve months and recall our achievements.

We celebrate the role we play as an advocate for the septic industry and at the same time a good guardian of the environment we all live in. Times change but LILWA's commitment to the septic industry and our community remains as strong as ever.

Since Suffolk County started requiring septic license holders to be certified in the Spring of 2016 over 90 % of all Suffolk septic license holders have availed themselves of our certi-



Andrew Andriola

fication program. At that time certification was based on the program itself. As of this past Spring it is now based on Training Credit Hours (TCH). In order to simplify compliance, the Long Island Liquid Waste Association Certification program has expanded from 4 TCH to 8 TCH program. You will find further details in this newsletter and on our internet site www.lilw.org.

I was very proud this past year when we established the Judge Coleman Memorial Scholarship Fund. Through your generous contributions we were able to award three scholarships and fund a base for the future. This issue of the LILWA News is the kickoff

(Continued on page 8)

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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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LILWA WELCOMES NEW MEMBERS

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Anthony Quintal, Jr.
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Your support is greatly appreciated



The 2019 Judge Coleman Memorial Scholarship

Everyone in the septic industry knew or knew of the late Judge Coleman and his contributions to our association and the industry. Not only did he serve as a LILWA Board of Director, LILWA Secretary, past President and up to his passing a member of the Suffolk County Septic Advisory Board but he was a giving friend to all.

In the spirit of this man's body of life LILWA has established a scholarship fund to be awarded every year to one or more deserving applicants. Last year your generosity allowed us to grant three separate scholarship awards, hopefully, you will be just as magnanimous this year.

This LILWA benefit is available to all LILWA members and their families and their employees and their families. Each LILWA starts off the award with a \$1000 grant and follow up with a fund-raising drive January through the end of March. You will, if you have not yet received a flyer in the mail.

Anyone who wants to apply for this year's scholarship award may download an application on the LILWA site www.lilwa.org.

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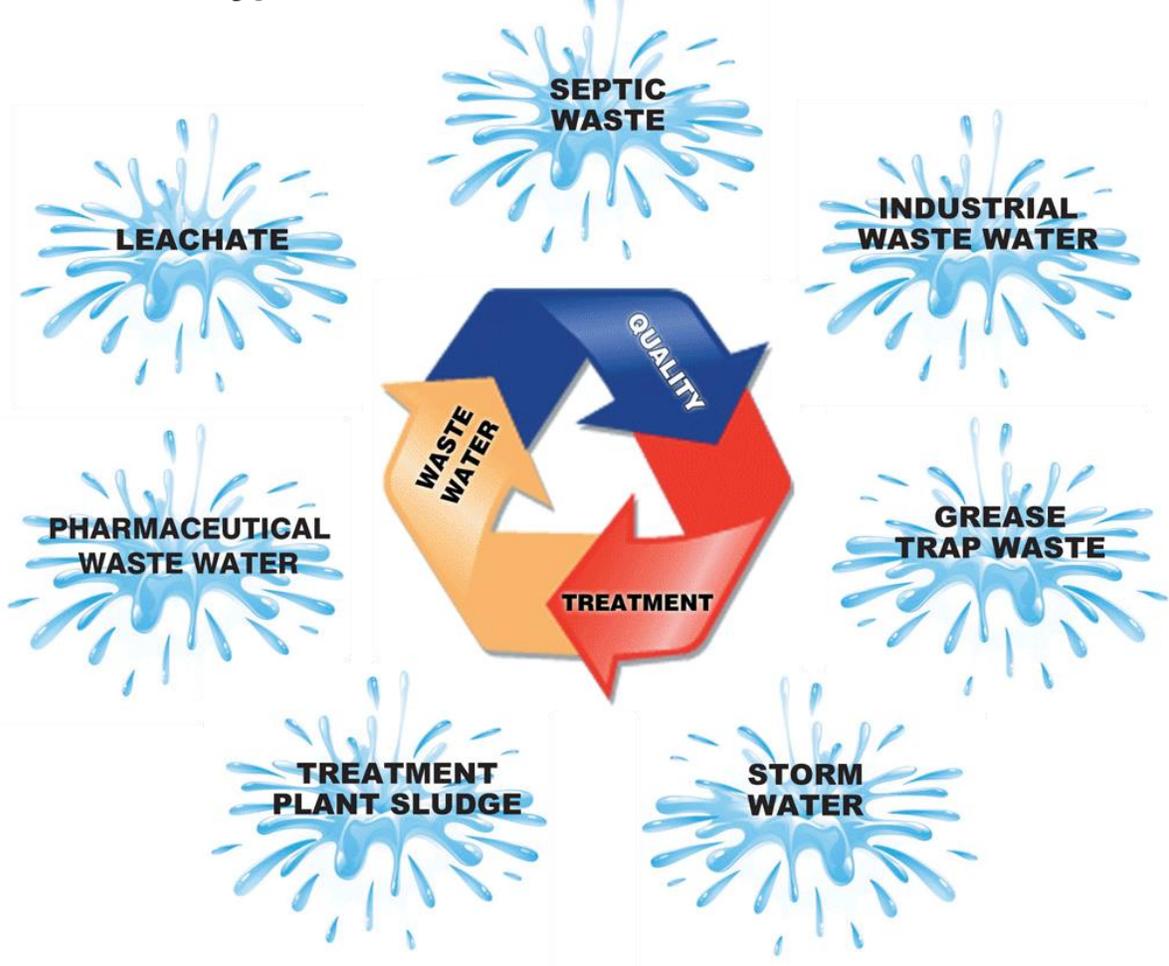
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From the Desk of the Executive Director



Linda Perlow

2018 was very satisfying, LILWA in 2018 either met or surpassed all our projections. Our membership expanded and continues to grow into 2019. We are fiscally solvent, and our reserves continue to grow allowing us to expand membership benefits.

This past year we introduced a new membership benefit the Judge Coleman Scholarship Fund which surpassed our original goal of awarding one scholarship. Instead your generous contributions allowed us to award three applicants with \$1500 checks towards their education.

This coming year LILWA's Certification Program is being 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/or11 with 8 of the required 12 TCH.

Check out the 2019 LILWA Certification Program schedule in this edition of the LILWA news. From my own personal experience it pays to plan ahead. Continuing education is now a part of the license renewal process, sign up to complete your TCH at a convenient time for yourself.

Membership participation is one area I would like to concentrate on this coming year. According to national statistics we are about average, but I believe we can do better. Even though we did add a new Board of Director member last year we are always searching for fresh ideas. So your membership alone is valued. It supports the work we do to advocate for the septic industry, however if you would like to be more engaged contact me. If you would like to serve on our board, on one of our committees or just pass on your ideas and opinions call me at the LILWA office (631) 585-0448 or email me at www.lilwa.org.

Another area we will address this coming year is the LILWA web site and the option of a fresher look. We are sending out flyers about this year's Judge Coleman Scholarship Fund If you have not received one you will shortly. Please be generous it is a worthy cause; all donors will be recognized in the Spring newsletter.

So, let the old year end and the New Year begin with the warmest of aspirations. Happy New Year!

Linda Perlow
Executive Director



Treated Wastewater Reuse Roadmap Developed

The [LINAP Water Reuse workgroup](#) recently published a "[Treated Wastewater Reuse Roadmap](#)" that will help municipalities and engineering and consulting firms navigate the New York State Department of Environmental Conservation's permitting and regulatory process for projects involving the reuse of treated wastewater effluent. The interactive roadmap was developed in response to a recommendation by the workgroup which had

been tasked with investigating wastewater reuse as a possible means of achieving additional nitrogen removal prior to effluent discharge to groundwater and surface waters on Long Island.

Properly treated wastewater effluent has been reused around the country and the world to achieve water conservation and environmental protection goals, e.g. to reduce pressure on local water supplies, replenish aquifers, and reduce nutrient inputs to surface waters and groundwater. Facilitating wider adoption of this practice for additional nitrogen removal is an early action item in the Long Island Nitrogen Action plan.

Happy Holidays 2018



Adam Crescenzo & Kara O'Brien



Mr. & Mrs. Ron Sass





Anthony Ferrara & Dave Galbraith



Mr. & Mrs. Dick Crescenzo



Mr. & Mrs. Kyle Crescenzo



Mr. & Mrs. Gary Breslin

PRESIDENT'S CORNER

(Continued from page 1)

for the 2019 Scholarship Fund. Besides donations we are also now accepting applications from anyone applying for a 2019 award. Education is a big part of the future of the septic industry. Please be generous.

Again, this year we had many conversations and meetings with Suffolk County on the implementation of the Reclaim Our Water Initiative.

Our industry is ever evolving and, maybe now more than ever, we must grow and change with the times or be left behind. There is a long and bright future for what we do, this was acknowledged by County Executive Bellone. Today we are sitting down at the table together working on improvements to the Septic License Law. This is a long way from the old days of confrontation and hostility.

At this time, I would like to congratulate the members of the Board of Directors who were reelected this past Fall. You will also find their names and terms inside this newsletter.

2018 was not all work and no play. We did have our very popular and well attended annual Summer outing and as usual celebrated the holidays with our fashionable gala at the Bellport Country Club who did their usual outstanding job of hosting us. To the delight of our members and their guests we were treated to a wonderful evening of gourmet food, drink and dancing I would like to thank all those LILWA members, their staffs and guests who attended.

This coming year we unveil our expanded Certification Program starting in February worth 8 Training Credit Hours. Also, membership pays, you are entitled to 1 TCH for every year you are a LILWA member up to a total of two. Your LILWA membership card will reflect that, save it.

I have seen many changes to our industry since my first involvement and I truly believe, in the coming years, we will experience many, many more. However, there is a bright future for

the Long Island Septic Industry we just must stay on top of it. Therefore, LILWA is always looking for new blood and fresh ideas. So, if you are not a member, please consider it. We need your support and we want your opinions.

If you have taken our certification program, then you already know how we are there to help you and your business.

Now that I said my piece let me wish all our members, their families and their staff and yet to be members a Healthy and Happy New Year.

Andrew Andriola
President

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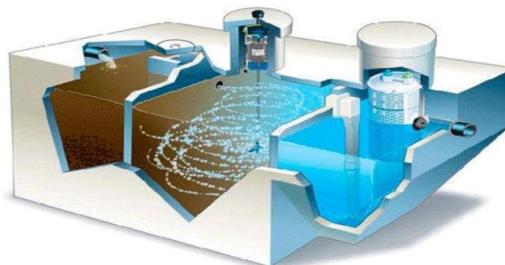
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2018 SMART GROWTH SUMMIT • LONG ISLAND

THE 2018 LONG ISLAND SMART GROWTH SUMMIT

Founded in 1997 Vision Long Island in their words is Long Island's Leading smart growth movement working with communities for 19 years on planning assistance visioning, and the advance of community projects. This past December 6th they hosted the 17th Annual Smart Growth Summit, attended by over 1,250 business, community, and government leaders.

The day featured a morning plenary session, 19 excellent workshops on a wide variety of subjects, engaging speakers and experts, and great networking. Over 135 speakers focused on topics related to downtown revitalization and infrastructure investment. The following is a recap of the Water & Sewer Infrastructure Funding session.

Water & Sewer Infrastructure Funding



The Water and Sewer Infrastructure Funding panel covered one of the more important subjects facing any municipality looking to expand: how best to pay for needed sewer capacity to increase density. The panel featured experts with experience ranging from environmental to development concerns and included **Peter Scully** of Suffolk County, **Mario Matera** from Plumbers Local Union 200, **Alan Weland** from Suez, **Maureen Murphy** from Citizens Campaign for the Environment, **Ali Chaudhry** from AECOM, and moderator **Roger Clayman** from the Long Island Federation of Labor. Mr. Clayman noted that this subject is of particular importance to the labor movement due to the importance of its members who often have strong ties to their local communities.

He turned to Ali Chaudhry of AECOM about his company's experience with infrastructure funding and how important water is to development. He noted that there is a context in history here and how New York used to be on the cutting edge of infrastructure 100 years ago. That's changed due to several factors, including reprioritizing of funding, and has led to a reduction of investment. Governor Cuomo has made strides to change that recently, however, by initiating one of the largest infrastructure funding programs in the country. This is necessary thanks to a reduced federal role for infrastructure funding in the face of how expensive and necessary the infrastructure is.

Citizens' Campaign for the Environment's Maureen Murphy was the next speaker, talking about how her organization has worked in sewer issues with a goal of helping to ensure clean drinking water for residents. This makes it important considering how Long Island gets most of its drinking water from aquifers, making the issue of how we take care of treated and raw sewage important for a healthy environment. Improper treatment and excessive dumping have led to a rise of toxic algae blooms, or tides in local bays as well as thick, choking vegetation on beaches. This creates a need for new technology and infrastructure to clean discharge water and lobbying efforts to increase funding for infrastructure on the federal level.

Suffolk Deputy County Executive Peter Scully talked about his 35 years of experience in government working with wastewater infrastructure. He noted Suffolk County's efforts to address wastewater issues in the area in face of what is considered a "historical mistake" of developing the region without a sewer network. The current approach to address this

(Continued on page 11)

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 Annual Board of Directors Election 2019–2021

This past fall the slate was announced for LILWA's annual election. The results are as follows:

Peter Barrese.....	Re-Elected 2 Year Term
Gary Breslin.....	Re-Elected 2 Year Term
Dave Galbraith.....	Re-Elected 2 Year Term
Tom Gallagher.....	Re-Elected 2 Year Term
Joe Garbarino.....	Re-Elected 2 Year Term
Dave Warren.....	Re-Elected 2 Year Term

In an effort to maintain a balance of new board members and experienced board members, approximately half the board seat are up for election each year for a 2 year term. New board members are elected for a 1 year term. Our congratulations to the newly elected, and our appreciation of the time and effort they contribute to the improvement of our industry

Vision Long Island Summit

(Continued from page 9)

includes innovative alternative septic systems, creating wastewater systems for neighborhood clusters, and creating new sewers.

He also echoed the sentiment that more investment from the federal government is necessary for wastewater infrastructure as well as a need for a stable revenue stream for improvements. He would go on to cover current funding sources as well as costs involved in upgrading the existing systems with and without grant funding. His presentation also covered new grants made available by Suffolk to help residents upgrade their septic systems, which has proven to be successful and popular, as well as what they have done to cooperate with other states to implement solutions.

Alan Weland spoke next, representing the global water company Suez that was hired by Nassau County to operate and maintain the sewer system. He talked about what his company is doing in Nassau and how they have been trying to improve water quality, especially in the wake of Sandy. Investment has been focused on recovery and resiliency to help avoid further catastrophes. He pointed to the Bay Park facility's new floodwall and electrical distribution improvements above that wall, which is set a 500-year flood level, as examples of resiliency improvements.

This is all part of ongoing efforts that also include innovation at the Cedar Creek Plant to help increase ability to clean effluent from treated water and better distribute volume among treatment plants, decommissioning of the Long Beach treatment plant and building a pump to move the water away from the Western Bays, and improvement of energy efficiency.

Finally, Mario Mattera from the Plumbers Local Union 200 talked about how important sewerage is for the residents and his union members specifically. He held up the new Riverhead treatment plant, the only one of its kind in the state, and how it cleans discharge water along with the need to recapture that water to help keep rates low. While it's important to clean discharge, it is just as important to replenish local aquifers. He also commended efforts in Nassau to look at that while noting that we will need more of the same across Long Island.

Mr. Clayman went on to take questions for the panelists, who covered subjects that included how Huntington Station fits into current plans, the possibility of public-private partnerships for infrastructure, what restraints Suez has, as the operator of Nassau's sewers, the impact of private wells on water infrastructure.

For a complete recap of all the sessions visit <http://visionlongisland.org/vision-long-island-2018-smart-growth-summit-recap/>



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INSIDE THIS ISSUE:

<i>AND HERE WE ARE.....</i>	<i>PAGE 1</i>
<i>PRESIDENTS CORNER.....</i>	<i>PAGE 1</i>
<i>WELCOME NEW MEMBERS.....</i>	<i>PAGE 2</i>
<i>2019 SCHOLARSHIP FUND.....</i>	<i>PAGE 3</i>
<i>EXECUTIVE DIRECTOR.....</i>	<i>PAGE 5</i>
<i>DEC.....</i>	<i>PAGE 5</i>
<i>HOLIDAY PARTY 2018.....</i>	<i>PAGE 6</i>
<i>VISION LONG ISLAND.....</i>	<i>PAGE 9</i>
<i>CERTIFICATION 2019.....</i>	<i>PAGE 10</i>
<i>DIRECTORS ELECTION.....</i>	<i>PAGE 11</i>