

Fall 2017**“The Voice of the Long Island Septic Industry Since 1974”**

Protecting Our Water

The September Long Island Liquid Waste Association's Board of Directors meeting opened with a presentation by Bob Eichinger, Advanced Wastewater Treatment Specialist for Roman Stone Construction Co. Roman Stone is the exclusive Long Island Distributor for Norweco Advanced Wastewater Treatment Systems. Bob spoke in detail about the Norweco innovative and advanced septic systems, two of which have been approved for installation in Suffolk County.

The Singular was approved by the Suffolk County Department of Health Services for residential use up to 1,000 gallons per day on October 7, 2016. The Hydro-Kinetec was approved by the Suffolk County Department of Health Services for residential use up to 1000 gallons per day on April 21, 2017.

According to Mr. Eichinger, in accordance with Suffolk County they have developed a guarantee price program which incorporates product and installation on basic installs. Also included is a three year warranty and maintenance program.



Bob Eichinger, Advanced Wastewater Treatment Specialist for Roman Stone Construction Co. Roman Stone explains their systems to LILWA members.

He also went on to speak at length about funding and Suffolk's Reclaim Our Water Initiative and the monies available for I & A systems. Presently the program which went into effect July 2017, offers up to \$10,000 per household

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PRESIDENT'S CORNER

We sadly said farewell to Judge Coleman this month a special unforgettable LILWA member and close friend of most of us. Some legacies are carved into headstones Judge's was etched into the minds of everyone he met. Our condolences go out to his wife Liz, all his children and grandchildren. We are a relatively spread out but small industry and in his life time Judge most likely touched all of us. He had that kind of distinct effect. He will be missed but never ever forgotten.

On a lighter note this past August LILWA held its 9th certification for Suffolk County septic license applicants and those renewing their licenses. Our next certification is scheduled for



Andrew Andriola

November. The LILWA certification program is one of the many contributions our association is indebted to Judge Coleman for. He was the driving force behind its conception.

Also in August, LILWA held its annual summer outing, which you will read about in this newsletter. I would like to thank all those who boarded the Moon Chaser for a beautiful sunset cruise to Flynn's on Fire Island followed by a fabulous lobster seafood buffet. The turnout for this event seems to grow every year, which is no surprise. The board is now working on our an-

(Continued on page 2)

**LONG ISLAND LIQUID WASTE
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P.O. Box 2667
Lake Ronkonkoma, NY 11779
Tel: (631)585-0448
www.lilwa.org

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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)

nual Holiday Party, detail and reservation forms will be going out in the mail later, watch your mail box or call the LILWA office for more information.

I would like to take a moment to thank Bob Eichinger, Advanced Wastewater Treatment Specialist from Roman Stone Construction Co., for his highly informative presentation on advanced onsite septic treatment systems at the September LILWA board meeting. There were many inquisitive questions from the audience which he patiently fielded in great detail.

Let me close by saying if you are not yet a member the Long Island Liquid Waste Association wants you. Even though our membership is growing nicely there is strength in numbers and we are always looking for new ideas as we advocate for the septic industry, our environment and the residents we serve.

Andrew Andriola
President

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Protecting Our Water

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to qualified applicants. The program is designed to provide direct grants to reduce the cost of systems, engineering and installation. So far Nassau county has no funding program of this kind although they do have 35,00 onsite septic systems according to Bob.

There are additional incentives and programs offered by some of the East End Towns, checkout East Hampton, Southold, Southampton, Riverhead and Shelter Island.

For commercial use, they also manufacture their own high quality concrete tanks up to 10,000 GPD and they have even larger commercial advanced wastewater treatment systems up to 500,000 GPD.

Bob then went on to field questions from all those in attendance about installation and required maintenance of innovative septic systems. It was quite an informative meeting.

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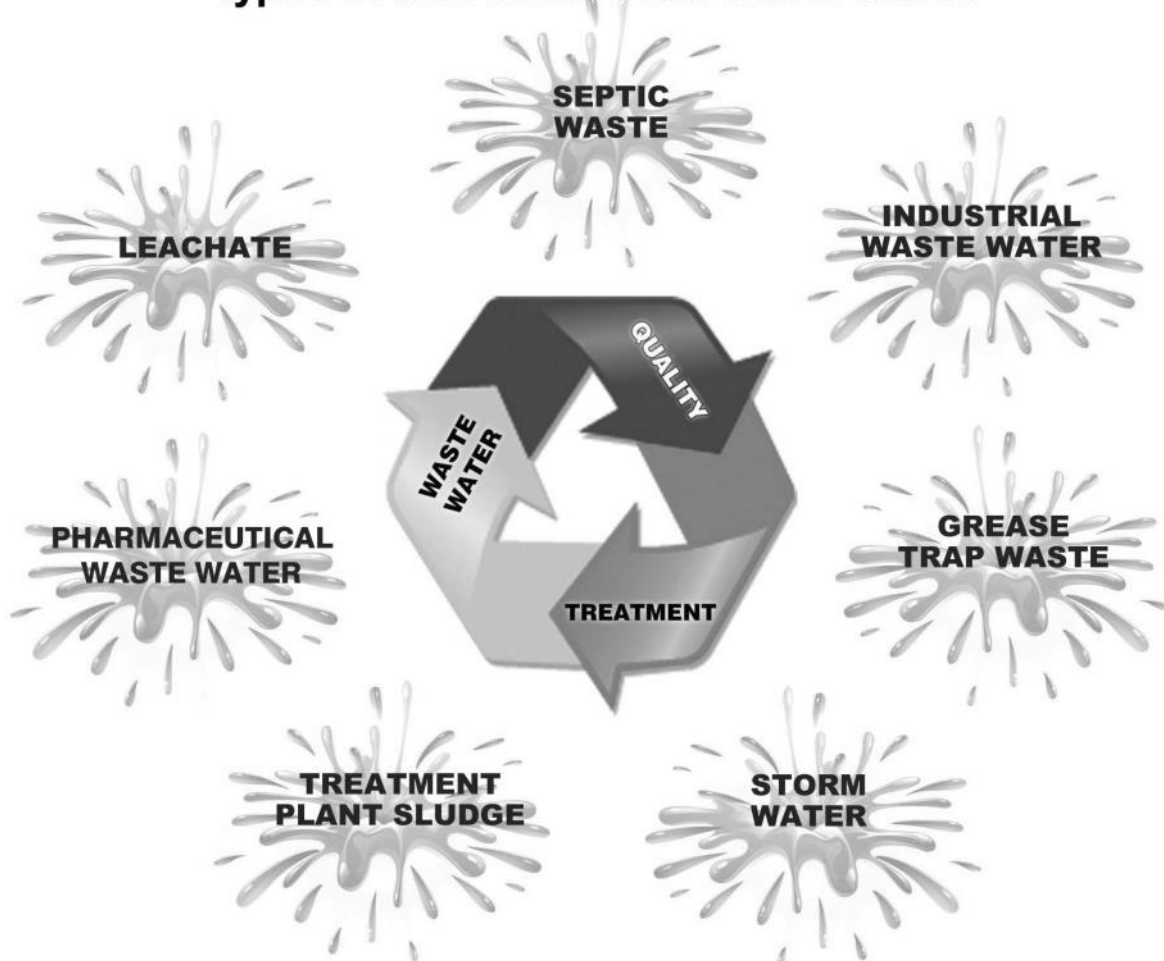
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Judge Coleman III

November 13, 1941-September 24, 2017

The Long Island Liquid Waste Association sadly mourns the loss, of not only one of its greatest members, but also a friend to everyone he met. Abraham Lincoln once said "In the end, it's not the years in your life that count. It's the life in your years". This so describes Judge Coleman, a peaceful yet straightforward man who enjoyed every day to the fullest and left a mark on all of us.

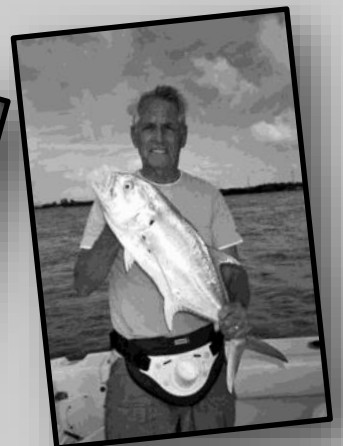
The expanse of Judge's contributions to LILWA over the years are remarkable. Judge's proactive influences as a member, board of director and president have become an integral part of this organization. He was also one of the main architects of the LILWA Certification program which has become an accepted and approved education curriculum for the Suffolk County Septic license.

Judge was also appointed by the Suffolk legislature to the County's Septic Licensing Board, where he served with his usual devotedness since its inception. His forward thinking was instrumental in resolving many of the complex issues facing the septic industry in Suffolk county if it is to prevail.

In his private life he was a husband, father and what brought him the most peace and pleasure a grandfather. However, Judge was the most relaxed when he visited his Florida home, where he loved to fish.

Everybody has a Judge story for a quiet man he made an impression on everyone he met. He will be missed by all but his inspiration will stay with us forever.

A Life Well Lived



All Aboard 2017

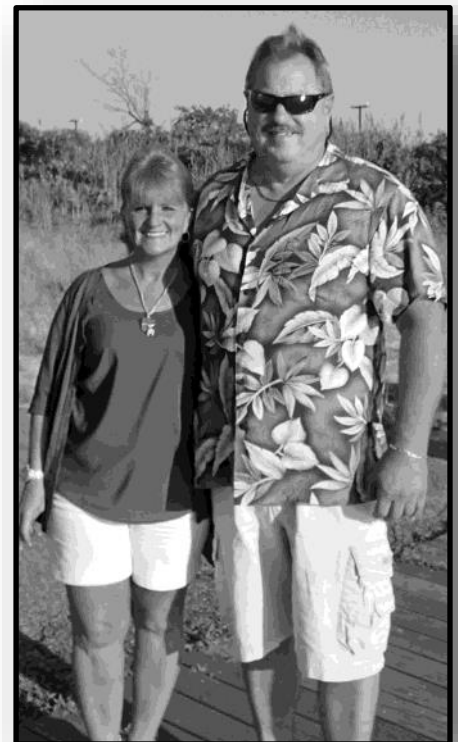
Back by popular demand. This past August LILWA members along with family and friends boarded the Moon Chaser out of Captree Boat Basin for a sunset cruise to Flynn's on Fire Island. Upon arrival at Flynn's we were treated to a sumptuous lobster buffet dinner followed by a cruise home under a star filled sky.



James Pisano of Payless Cesspool and guests board the Moon Chaser



ClearBook guests enjoy the evening cruise



*Mr. & Mrs. Ron Sass of
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How Medications Affect Your Septic System

Americans flush all types of items down their drains, resulting in clogs, burst pipes, and even septic tank backups. Some of these items are common sense items that the average homeowner should know to avoid flushing down the toilet or pouring down their sinks. Other items, such as medications, may not be so obvious.

The simple rule of thumb to remember is this: The only thing you should flush down your toilet is toilet paper and waste water. Period. No goldfish, no medicine, and definitely no baby alligators (the last thing we need is more giant alligators running rampant in the New York sewer systems)!

Why You Shouldn't Flush Medication Down the Drains

Your septic system is a living entity, full of helpful bacteria whose sole purpose in life is to consume and break down human waste. When chemicals such as antibiotics, antibacterials, chemotherapy treatments, and even an abundance of salt water, enter your tank, it causes an imbalance in the ecosystem, weakening or killing the bacteria in the septic tank. This causes solid waste to build up in the tank much faster, leading to issues in the drain field and/or mound.

In addition to issues with the septic system, medications and chemicals can also eventually lead to groundwater contamination as well.

Note also that medications can enter your septic system through normal human waste as well, as the body does not always fully metabolize medications, allowing remnants to exit your body via the digestive system.

Protecting Septic Systems from Medication and Chemicals

Below are some steps you can take to prevent damage to your septic tank and drain field by errant prescriptions.

- Do not flush medications, chemicals, salt water, anti-bacterial soap or cleaning supplies such as bleach, ammonia, or glass cleaners down your Toilet or drains.
- Consider adding an effluent screen to your septic tank to reduce waste entering your drain field.


Be sure to have the screen maintained regularly, per your plumbing contractor's instructions.

- If you have a sick family member residing in your home who requires high dosages of antibiotics, or who is receiving chemotherapy treatments, up the time in-between septic pumps. Consult a licensed plumber or home improvement contractor to determine how often you should schedule your septic pumping.
- When you do have your septic tank pumped, be sure to have the plumber refill the septic tank with clean water to help dilute any left-over chemical or medication residue.
- Consult a certified plumbing or home improvement contractor for a full list of tests and measures you can take to prevent damage to your septic system. The small amount of money you pay for the consultation will far outweigh any future costs in the event of system failure or breakdown

How to Dispose of Medication Properly

There is no straight-forward answer when it comes to the proper disposal of medication, mainly because each medication (and its affect on the environment) is different. Your best bet is to contact your local pharmacy, police department, or hospital to ask if they have a medication recycling program in place.

**Contributed By Thomas Montalbino of
Roman Stone Construction Company
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DEC UPDATE

Environmental Protection Agency Nutrient Sensor Challenges

In June, the U.S. Environmental Protection Agency (EPA), in partnership with the NYS Department of Health, the Massachusetts Department of Environmental Protection, The Nature Conservancy, Barnstable County (MA) and Suffolk County (NY), awarded seven small business and university teams for their design entries in Phase I of EPA's Advanced Septic System Nitrogen Sensor Challenge. Teams were asked to develop sensors for use in Innovative/Alternative Onsite Wastewater Treatment Systems (I/A OWTS) to monitor their long-term performance in reducing nitrogen discharged to groundwater.



EPA and its partners will collaborate again on Phase II of the Challenge to find the best performing nitrogen sensor package to be installed in I/A OWTS. The teams will be asked to conduct laboratory and field testing and evaluate the effectiveness of low-cost sensor technologies. Successful sensors will be installed in 200 I/A OWTS in 2019. Real-time monitoring can evaluate the long-term effectiveness of I/A OWTS and help accelerate their deployment to reduce nitrogen discharges to our ground and surface waters.

Learn more about this and other projects on EPA's 2017 Regional/State Innovation Projects webpage.

ClearWater Magazine LINAP Issue

The summer 2017 issue of the New York Water Environment Association's (NYWEA) *ClearWaters* magazine was dedicated to LINAP. Articles by DEC, Long Island Regional Planning Council, Nassau and Suffolk counties, consultants and researchers covered topics such as the LINAP structure, completed and ongoing projects, and new technology. Several of the articles are available for download on NYWEA's website, or a complete copy of the magazine can be ordered.

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Here's To Your Health



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Bracing for a severe Flu season.

It's that time of year again. I usually remind everyone to get their flu shots in the fall, but this time they are expecting a severe 2017-2018 flu season. According to the Associated Press the Southern Hemisphere, specially Australia, was hit hard over the past few months with a flu strain that's notorious for causing severe illness, espe-

Dr. Daniel Jernigan, influenza chief at the U.S. Center for Disease Control and Prevention, told The Associated Press "We don't know what's going to happen but there's a chance we could have a season similar to Australia." Last year less than 50% of the population got vaccinated and the hospitalization rate was nearly double that of the 2015-2016 season.

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 flu related hospitalizations."

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.

- ☐ For the 2017-2018 season, the CDC recommends use of the flu shot (inactivated influenza vaccine or IIV or the recombinant influenza vaccine (RIV).
- ☐ The nasal spray flu vaccine, also known as attenuated influenza vaccine (LAIV), should not be used again during this season

☐ Only injectable flu shots are recommended for use this season.

☐ Flu vaccines have been updated to better match circulating viruses.

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 caregiver 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.

In the Fall the best investment any of us can do for our health is to get an annual Influenza (flu) shot

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 exist-

ing 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.

On average, according to the CDC the flu kills about 24,000 Americans each year and last year, the toll included 105 children. 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, since flu season often doesn't peak until February or even later. Flu shots are available at your family doctor's office, clinics and even drug stores such as Walgreens and CVS.



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