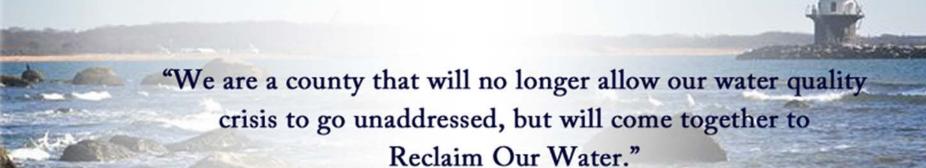
Suffolk County's Reclaim Our Water Initiative



BOHEMIA CIVIC ASSOCIATION FEBRUARY 26, 2019



SUFFOLK COUNTY EXECUTIVE STEVE BELLONE
2014 State of the County

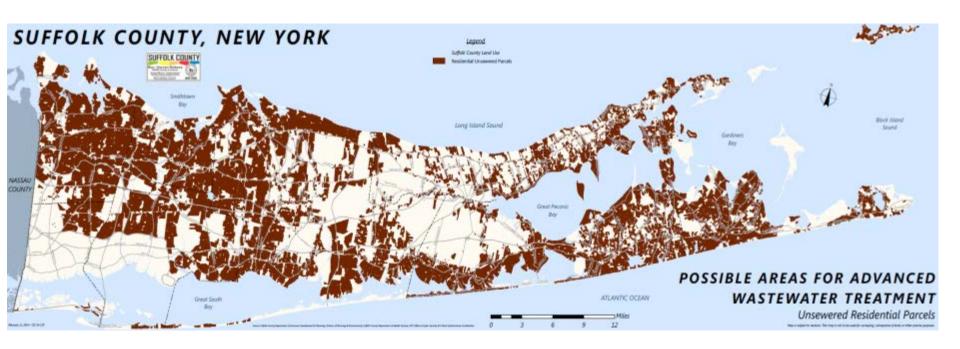
Why the Concern?

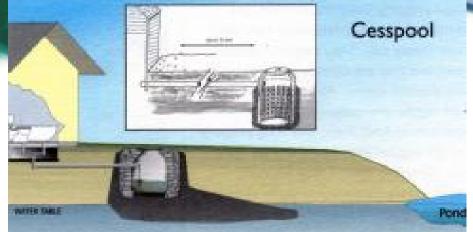


- ~1.5 million people, >900 sq miles/600,000 acres
 - Mostly unsewered (~74% of population)
- Vulnerable sole source aquifer
 - Diffuse public water supply well network (~900 wells)
 - Often relatively shallow (upper glacial aquifer)
 - ~35,000 Private wells
- Wetlands, surface waters, 3 major estuary systems
 - Groundwater and surface waters are connected
- 190 Public Bathing Beaches
 - "The Environment is the Economy."

74% Non-Performing Wastewater Treatment

- ➤ Approximately 360,000 onsite sewage disposal system
- > 209,000 systems in priority areas
- ➤ Approximately 252,530 pre-date requirement for septic tank







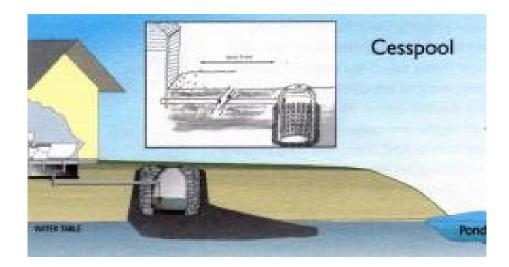
CESSPOOLS





CESSPOOLS



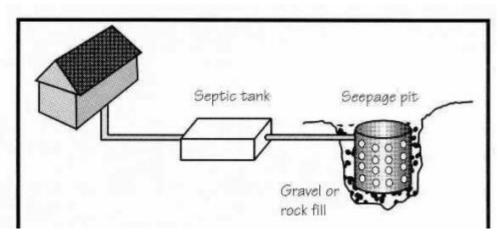


Cesspools - ~250,000 in Suffolk County

- ✓ Cesspools are little more than holes in the ground that discharge raw, untreated human waste and can contaminate surface and groundwater sources and contributes to harmful algal blooms
- ✓ Untreated wastewater from cesspools contains pathogens such as bacteria, protozoa and viruses that can cause gastroenteritis, Hepatitis A, conjunctivitis, leptospirosis, salmonellosis and cholera
- ✓ EPA banned large capacity cesspools and strongly discourages use of small cesspools.
- **✓** Outlawed in Suffolk County for New Construction Since 1973
- √ Homeowners can currently replace failed cesspools in-kind
- ✓ Cesspool average installations range from \$2,000 \$4,000

CONVENTIONAL SEPTIC SYSTEMS





<u>Conventional Septic Systems – ~110,000 in Suffolk County</u>

- ✓ Conventional systems consist of a septic tank before leaching structure (In most cases a leaching pool)
- ✓ Tanks collect solids, reduce BOD, TSS, other contaminants and protect leaching structure from excessive solids and clogging
- ✓ Conventional system installations typically range from \$6,000 \$8,000
- √ This is the minimum code compliant system required
- ✓ Permitted when a site meets Article 6 Density

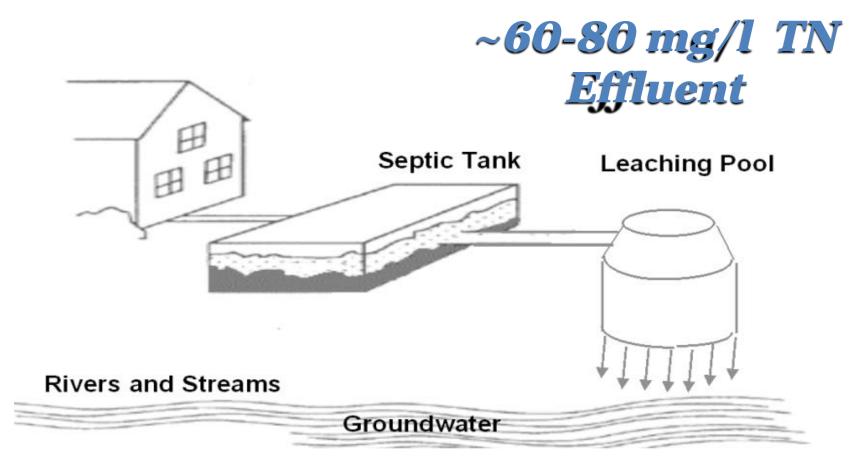


STARTING JULY 1, 2019

- ➤ Permits/filing for replacements or retrofits of existing sewage disposal systems are required
- ➤ Require filing indicating system components installed when property owner decides system needs to be replaced/retrofitted
- ➤ Require installation of a system substantially conforming to standards (Best-Fit)
 - Current standards require a septic tank + leaching structure at a minimum



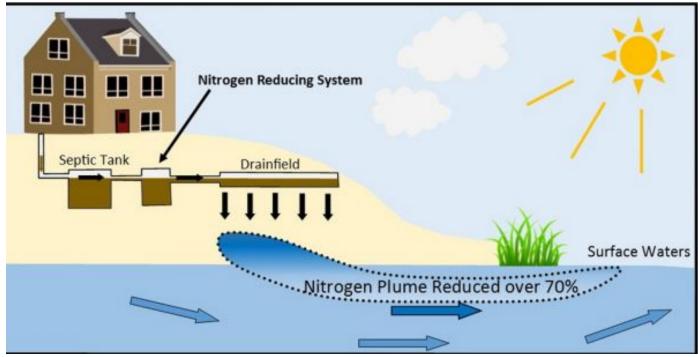
Conventional Sanitary Systems



**Innovative & Alternative Onsite Wastewater Treatment System (I/A OWTS)Will Remove ~50 -70% of Total Nitrogen Compared to Conventional System

I/A OWTS





I/A OWTS ~634 Approved in Suffolk County

- ✓ Advanced treatment systems that reduce BOD, TSS and remove up to 70% of Total nitrogen.
- ✓ Allowed on Voluntary basis in SC since 2016
- ✓ I/A OWTS designs & installations have an average cost of \$17-22 thousand
- ✓ THESE CHANGES DO NO REQUIRE I/A OWTS

SETTING THE STAGE FOR THE SOLUTION TO **NITROGEN POLLUTION:**

Evolution to the Use of Innovative Treatment Systems











INNOVATIVE ONSITE **SYSTEMS**







PUTTING NEW TECHNOLOGIES IN PLACE





WORKING GROUPS



PII.OT **PROGRAM**



ENACTED ARTICLE 19

PRIORITY AREAS FOR ADVANCED **TREATMENT**



CERTIFICATIONS



TRAINING

REGULATE **INSTALLATIONS** AND MAINTENANCE

UPDATES OF **OUTDATED** REGULATIONS



FUNDING MECHANISM

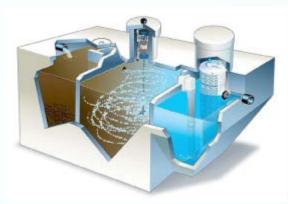
PROVISIONALLY APPROVED I/A OWTS



Hydro-Action



Fuji Clean System



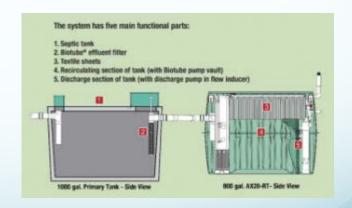
Norweco Singlair TNT



Norweco Hydrokinetic



BioMicrobics SeptiTech STAAR



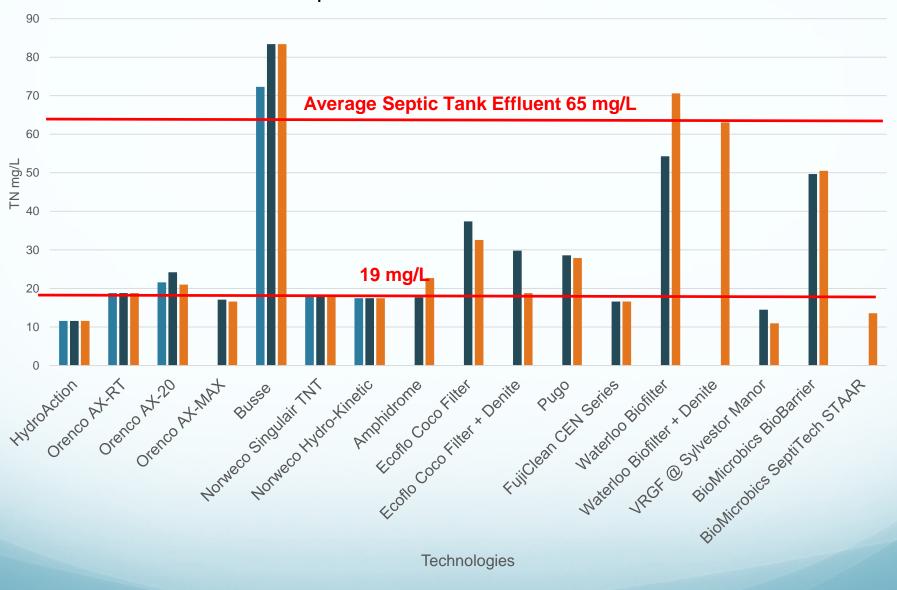
Orenco Advantex AX-RT

Performance Summary of I/A OWTS Demonstrated in Suffolk County and Approved for Provisional Use

| Technology | AVG (mg/L)* | Provisional Approval |
|-------------------------|----------------|----------------------------|
| Hydro-Action AN Series | 11.6 mg/L | Approved in September 2016 |
| Norweco – Singulair TNT | 18.3 mg/L | Approved in October 2016 |
| Orenco Advantex – RT | 18.8 mg/L | Approved in March 2017 |
| Norweco – Hydro-Kinetic | 17.4 mg/L | Approved in April 2017 |
| Fuji Clean System | 16.6 mg/L | Approved in January 2018 |
| SeptiTech STAAR | 13.6 mg/L | Approved in July 2018 |

^{*}Standard is 19mg/L

Septic Demonstration Results



■ 2016 Demo Sample Results ■ 2017 Demo Sample Results ■ Sampling To-Date

Suffolk County Septic Improvement Program (SIP)





APPROVED LOCAL LAW

Intro. Res. No. -2017 Laid on Table 3/28/2017
Introduced by Presiding Officer on request of the County Executive

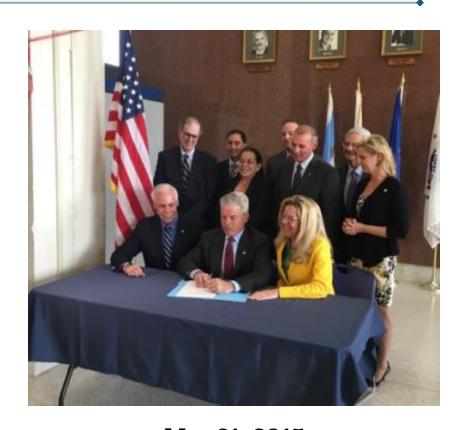
RESOLUTION NO. -2017, ADOPTING LOCAL LAW NO. -2017, A LOCAL LAW TO ESTABLISH A GRANT ASSISTANCE PROGRAM FOR THE INSTALLATION OF INNOVATIVE AND ALTERNATIVE ONSITE WASTEWATER TREATMENT SYSTEMS

WHEREAS, there was duly presented and introduced to this County Legislature at a meeting held on , 2017, a proposed local law entitled, "A LOCAL LAW TO ESTABLISH A GRANT ASSISTANCE PROGRAM FOR THE INSTALLATION OF INNOVATIVE AND ALTERNATIVE ONSITE WASTEWATER TREATMENT SYSTEMS"; now, therefore be it

RESOLVED, that said local law be enacted in form as follows:

LOCAL LAW NO. -2017, SUFFOLK COUNTY, NEW YORK

A LOCAL LAW TO ESTABLISH A GRANT ASSISTANCE PROGRAM FOR THE INSTALLATION OF INNOVATIVE AND ALTERNATIVE ONSITE WASTEWATER TREATMENT SYSTEMS



May 31, 2017
Suffolk County Executive
Steve Bellone signs
SIP into Law





SIP Grant

administered by the Suffolk Dept. of Health Services (up to \$20,000)



NYS SSRP

administered by the Suffolk Dept. of Health Services (up to \$10,000)



Septic Loan administered by CDCLI (up

to \$10,000)



Septic Improvement Program

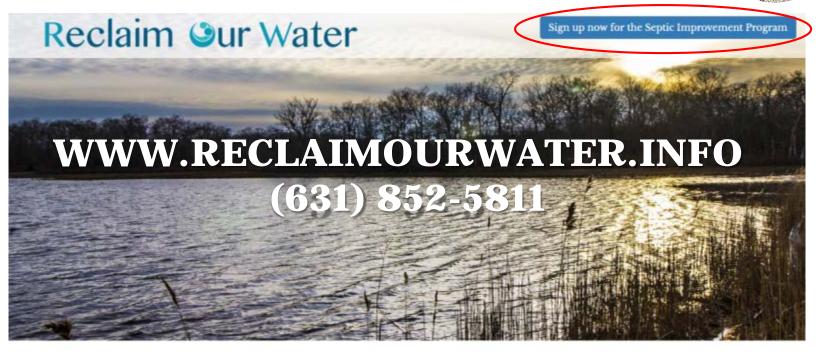
GRANT PROGRAM DETAILS:

- Individual homeowners may be eligible for a Suffolk County base grant up to \$10,000 and an additional.
 - \$5,000 may be available for installation of a Pressurized Shallow Drainfield (PSD)
 - > \$5,000 may be available for Low to Moderate income property owners.
- Homeowner will be responsible for engineering and design services.

LOAN PROGRAM DETAILS:

- Administered by CDCLI Funding Corporation
- Individual homeowners may be eligible for low cost financing up to \$10,000
- Competitive 3% interest rate
- Repayment term of up to 15 years

REGISTER ONLINE AND ACTIVATE YOUR ACCOUNT



Homeowners

Industry

Regulatory

Technical

Infrastructure

Contact













Septic Improvement Program Overview

Nitrogen pollution from cesspools and septic systems has been identified as the largest single cause of degraded water quality contributing to beach closures, restrictions on shellfishing, toxic algae blooms, and massive fish kills. A conventional onsite septic system was never designed to remove nitrogen. The average residential septic system discharges approximately 40 pounds of nitrogen per year. For homeowners close to surface waters in Suffolk County nitrogen can rapidly reach surface waters where it contributes to degradation of our marshes, bays, and beaches. Even inland, nitrogen from septic systems will eventually reach the groundwater and surface waters.

Thousands of parcels are currently served by polluting cesspools and septic systems, but will never connect to a sewer system. Reversing degradation of water quality will depend on replacement of existing systems with new, individual Innovative and Alternative Onsite Wastewater Treatment Systems (I/A OWTS).

Over the past several years, Suffolk County has assertively set the stage for the transition to the use of these new systems. To make the cost of I/A systems that remove nitrogen to protect water quality more affordable for homeowners, Suffolk County has developed the Septic Improvement Program. Under the Reclaim Our Water Septic Improvement Program, homeowners who decide to replace their cesspool or septic system with the new technologies will be eligible for a grant of up to \$30,000 from Suffolk County and New York State to offset the cost of one of the new systems. In addition to the grant, homeowners can qualify to finance the remaining cost of the systems over 15 years at a low 3% fixed interest rate. The loan program will be administered by Community Development Corporation of Long Island Funding Corp, with financial support from Bridgehampton National Bank, in the amount \$1 million and financial commitments from several philanthropic foundations.

*Note: The **average** total cost for approved systems, including attendant engineering and design services, is approximately \$19,200. *Costs will vary on a case-by-case basis*. Please review our documents detailing the <u>estimated engineering costs</u>, <u>estimated vendor costs</u>, and <u>costs associated with owning an I/A OWTS</u>.

Grant Eligibility Criteria:

In order for an application to be considered for a grant the following preliminary criteria must be met:

- The residence must be served by a septic system or cesspool and not connected to a sewer system or located within a proposed sewer district.
- · New construction on vacant lots is not eligible.
- Property does not have any outstanding or open real property tax liens.
- There must be a valid certificate of occupancy (CO) or equivalent issued by the applicable town or village.
- Income verification (Property Owners must provide a copy of each property owner's most recently filed federal income tax return).

Please note that in order to complete the application process, you will be required to submit the following documents:

- · Copy of property deed
- Proof of Homeowner's Insurance
- Copy of most recent property tax bill
- · Copy of Certificate of Occupancy or equivalent
- If applicable: the first two pages of property owner(s)' latest year's tax return along with signature page.

Links:

YouTube Video on Septic Improvement Program

Septic Improvement Program FAQ

Overview of Provisionally Approved Technologies

Rules and Regulations

Grant Information

Map of Priority Areas

Understanding the Grant Process

Video

Frequently Asked Questions

Cost Information

I/A Vendor Cost Ranking

I/A OWTS Design Cost Ranking

Cost Associated with Owning an I/A OWTS

Low Interest Loan Information

Community Development Corporation of Long Island

Low Interest Loan Information

Forms

Checklist for a Residential Application

<u>Application for a New Single Family</u> Residence

Application for an Addition or Renovation to an Existing Single-Family Residence

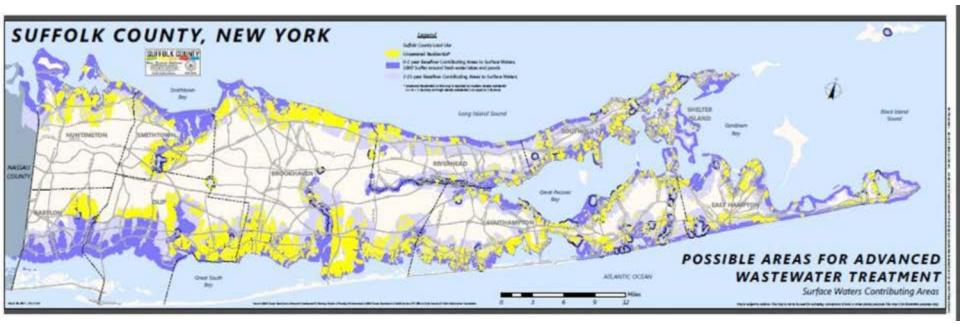


GRANT ELIGIBILITY CRITERIA

- ✓ The residence must be served by a septic system or cesspool and is not connected to a
 public sewer or located in any sewer district or any proposed sewer district.
- ✓ New construction is not eligible; however construction projects on existing residences may be eligible.
- Availability of valid Certificates of Occupancy (CO) or Certificate of Zoning Compliance for the residence.
- ✓ Income verification (Provide a copy of owner (s) most recently filed federal income tax return).

PRIORITY AREAS:

- 1) Parcels located within the Priority Critical Areas (high or medium density parcels within the 0-2 year groundwater travel time or high or medium density residential parcels within 1,000 feet of enclosed water bodies in Suffolk County)
- Parcels located within Critical Areas (high or medium density parcels within the 2-25 year groundwater travel time)
- 3) Parcels located outside Critical Areas





Suffolk County NY - Septic Improvement Program Vendor Cost Ranking Sheet – Rev. November 7, 2018

Vendor Quotes: Scenario 1 – 4-Bedroom I/A OWTS with Reuse of Existing Leaching Structure

| Technology (Sorted by Date Approved) | Vendor | Contact | Cost |
|---|---|--|-------------|
| | Direct Drainage | DirectDrainage@aol.com 631-472-0677 | \$15,233.13 |
| Hydro-Action AN Series | Clear River Environmental | <u>Dwarren@clearriver.us</u> Eastern Suffolk Office: 631-298-7749 Western Suffolk Office: 631-467-5447 | \$15,650.00 |
| | A&A Sewer and Drain Maintenance Inc. | aasewerdrain@gmail.com 631-849-1599 | \$15,983.13 |
| | CMM Sitework | info@cmmsitework.com 631-286-3650 | \$15,218.44 |
| | Roman Stone Construction Co | tmontalbine@romanstoneco.com 631-667-0566 Ext.114 | \$13,821.00 |
| Norweco Singulair TNT | Clear River Environmental | <u>Dwarren@clearriver.us</u> Eastern Suffolk Office: 631-298-7749 Western Suffolk Office: 631-467-5447 | \$13,650.00 |
| | Direct Drainage | <u>DirectDrainage@aol.com</u> 631-472-0677 | \$15.309.16 |
| Orenco Advantex AX20-RT | A&A Sewer and Drain Maintenance Inc. | aasewerdrain@gmail.com 631-849-1599 | |
| Norweco Hydro-Kinetic | Roman Stone Construction Co | tmontalbine@romanstoneco.com 631-667-0566 Ext.114 | \$16,629.46 |
| Norweco nyuro-kinetic | Direct Drainage | DirectDrainage@aol.com 631-472-0677 | \$18,064.25 |
| | Advanced Wastewater Solutions | Bryan@awsli.com 631-405-0358 | \$13,750.00 |
| Fuji Clean CEN Series | Clear River Environmental | <u>Dwarren@clearriver.us</u> Eastern Suffolk Office: 631-298-7749 Western Suffolk Office: 631-467-5447 | \$13,900.00 |
| | CMM Sitework | info@cmmsitework.com 631-286-3650 | \$14,050.00 |
| | Shelter Island Sand, Gravel & Contracting Inc.* | sisandgravel@gmail.com 631-749-1040 | \$14,180.00 |
| SeptiTech STAAR | SeptiTech Long Island | Bob@septitechli.com 631-284-9893 | \$15,500.00 |

Notes:

- 1. All estimated costs not highlighted in red would fall under the intended SIP funding limits when combined with \$2,500 in estimated design costs.
- Costs highlighted in red would require homeowner out-ofpocket expense
- Sales tax may or may not be included in listed costs. Please consult vendor.

^{*} Shelter Island Sand, Gravel & Contracting Inc. prices apply only to installations on Shelter Island.



Septic Improvement Program – Manufacturer Contact Information

For More Information visit www.ReclaimOurWater.info or call (631) 852-5811

| Manufacturer & Technology | Local Distributer | | | |
|---|---|--|--|--|
| Norweco Singulair & Hydro-Kinetic | Tom Montalbine, Roman Stone Construction Company 85 South Fourth Street, Bayshore, NY 11706 Web: www.romanstoneco.com Email: tmontalbine@romanstoneco.com Phone: 631-667-0566 Ext.114 | | | |
| Joe Densieski, Wastewater Works Inc. 139 Reeves Avenue, Riverhead, NY 11901 Web: www.wastewaterworksinc.com Phone: 631-831-2580 | | | | |
| Fuji Clean System | Bryan McGowin, Advanced Wastewater Solutions, LLC PO BOX 1622, Southampton ,NY 11969 Email: bmcgowin@gmail.com or bryan@awsli.com Phone: 631-405-0358 Peder Larsen, Shelter Island Sand, Gravel, & Contracting PO Box 2028, Shelter Island, NY 11964 sisandgravel@gmail.com Phone: 631-749-1040 | | | |
| Orenco AX-RT | Lee Essay, Nugent & Potter 1557 County Rd. 39, Southampton, NY 11968 Email: Lee@nugentpotter.com Phone: 631-283-1103 | | | |
| SeptiTech STAAR | Bob Eichinger, SeptiTech Long Island 24 Hubbard Avenue, Riverhead, NY 11901 Email: Bob@septitechli.com Phone: 631-284-9893 | | | |

Projected 1-Year Electrical Costs

| Technology | 1 year electrical consumption (kWh/year) | Increased electrical costs per year (\$0.22/ kWh) |
|-------------------------|--|---|
| Orenco Advantex AX20-RT | 335.8 kWh | \$73.88 |
| Fuji Clean System | 463.55 kWh | \$101.98 |
| Hydro-Action AN | 734.26 kWh | \$161.54 |
| SeptiTech STAAR | 912 kWh | \$200.64 |
| Norweco Singulair TNT | 979.66 kWh | \$215.53 |
| Norweco Hydro-Kinetic | 1051.2 kWh | \$231.26 |

Note: the Hydro-Action unit utilizes a mixer pump during start-up. The pump use is discontinued after startup, and usage data will vary after the start-up period.

Septic Improvement Program Notes

- Please see Designer cost ranking document for estimates of I/A OWTS design and permitting costs.
- All prices are estimates from Vendor submitted quotes for 4-bedroom I/A OWTS. Sales tax is not included and may be exempt for capital improvement projects.
- Actual costs may vary based on site constraints. Homeowners are urged to contact Vendors to discuss project specific costs for their Property.
- Grant funding will not exceed \$10,000 for I/A OWTS installed with gravity leaching or \$11,000 for I/A OWTS installed with PSD.

Use of Grant Funds is Not Allowed For:

- Irrigation repairs
- landscaping
- electrical improvements unrelated to the I/A OWTS





Septic Improvement Program – Ongoing Costs

For More Information visit www.ReclaimOurWater.info or call (631) 852-5811

Operations & Maintenance Costs

| Technology | One Year Contract Cost |
|-------------------------|---------------------------|
| Hydro-Action AN | \$250.00 |
| Orenco Advantex AX20-RT | \$271.66 |
| Fuji Clean Systems | \$250.00 |
| Norweco Hydro-Kinetic | \$300.00 |
| Norweco Singulair TNT | \$315.00 |
| SeptiTech STAAR | \$250.00 |

- * Consult manufacturer for additional warranties specific to their systems. All systems in Suffolk County are sold with a three year warranty, but many manufacturers offer additional warranties on pumps and aerators.
- ** Complete replacement of control panels is rare and usually associated with lightning strikes. Check with your homeowners insurance to see if these repair costs are covered under your policy.

Reclaim Our Water

For More Information visit www.ReclaimOurWater.com or call (631) 852-5811 Estimated Repair and Replacement Costs*

| | | | Life | |
|--------------------------|--------------------------------|------------|--------------|--|
| Technology | Item | Cost | Expectancy | |
| Norweco Singulair TNT | Aerator Replacement | \$500.00 | 10 years | |
| Jingulan IIV | Control Panel Replacement** | \$1,200.00 | 20 years | |
| | Blower Replacement (MAC 80R) | \$320.00 | | |
| | Blower Replacement (MAC 100R) | \$420.00 | 10 years | |
| Fuji Clean CEN System | Blower Rebuild | \$150.00 | | |
| | Float Replacement | \$100.00 | 5-10 years | |
| | Control Panel Replacement** | \$400.00 | 20 years | |
| | Blower Replacement | \$400.00 | 10 years | |
| Hydro-Action | Blower Rebuild | \$100.00 | 10 years | |
| AN Series | Recirculation Pump Replacement | \$400.00 | 10 years | |
| | Float Replacement \$8 | | 5-10 years | |
| | Control Panel Replacement ** | \$1,200.00 | 20 years | |
| Orenco | Recirculation Pump Replacement | \$800.00 | 10 years | |
| Advantex | Float Replacement | \$80.00 | 5-10 years | |
| AX20-RT | Control Panel Replacement ** | \$1,500.00 | 20 years | |
| Norweco | Blower Replacement | \$300.00 | 10 years | |
| Hydro-Kinetic | Blower Rebuild | \$100.00 | | |
| | Recirculation Pump Replacement | \$500.00 | 10 years | |
| | Control Panel Replacement ** | \$1,200.00 | 20 years | |
| ContiTook | Recirculation Pump Replacement | \$520.00 | 10 years | |
| SeptiTech STAAR | Float Replacement | \$75.00 | 0 5-10 years | |
| | Control Panel Replacement ** | \$1,200.00 | 20 Years | |



Reclaim Our Water with a state-of- theart wastewater treatment system supported by a grant of up to \$11,000 from Suffolk County.

Register

SIP APPLICATION STATUS AS OF FEBRUARY 26, 2019

- SCDHS started accepting applications July 3, 2017
 - $\sqrt{1,512}$ Total Applicants
 - √ 828 Registrants
 - √ 2792 Active Grant Certificates
 - √ 14 Pending Grant Certificate Issuance
 - √ 157 Pending Review (Waiting for Documents)
 - √ 204 In Progress (Incomplete Applications)
 - $\sqrt{5}$ Not Eligible
- 67 Installations to date
- **▶** 62 Pending Installations
- 8 Pending Review



SIP GRANTS BY TOWN AS OF FEBRUARY 26, 2019

| Town | # of Grant Certificates Issued |
|------------------|-----------------------------------|
| Southampton * | 83 |
| Brookhaven | 74 |
| East Hampton * | 51 |
| Huntington | 23 |
| Islip | 20 |
| Southold | 15 |
| Shelter Island * | 11 |
| Smithtown | 8 |
| Babylon | 4 |
| Riverhead | 3 |

^{*} Towns with grant / rebate programs



TOTAL NUMBER OF I/A OWTS

- \triangleright Total IA OWTS = 1,001
 - $\sqrt{\text{Total Installs}} = 202 (53, \text{Septic Demo, } 63 \text{ SIP, } 86 \text{ Other})$
 - $\sqrt{\text{Final Approval}} = 119$
 - $\sqrt{\text{Estimated installs that have not received Final Approval}} = 83$
 - $\sqrt{\text{Approved to Construct}} = 491$
 - $\sqrt{\text{Pending Approval}} = 308$





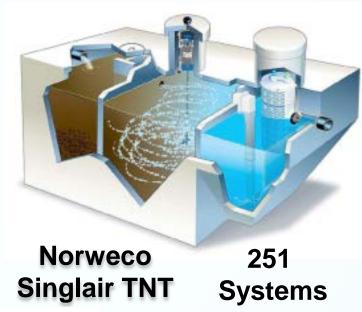
| Technology | # of Septic Demo Installs | # of SIP Applications | Approval Status | Other Installations or Pending Applications |
|--------------------------------------|------------------------------------|--------------------------|--------------------|---|
| Hydroaction AN Series | 5 | 47 | Provisional | 260 |
| Norweco Singulair TNT | 5 | 36 | Provisional | 210 |
| Orenco Advantex AX20-RT | 2 | 7 | Provisional | 19 |
| Norweco Hydro-Kinetic | 6 | 0 | Provisional | 2 |
| Fuji Clean CEN Series | 4 | 63 | Provisional | 301 |
| Orenco Advantex AX-20 | 3 | 0 | Demonstration | 0 |
| Orenco AX-MAX-225 | 1 | 0 | Demonstration | 1 |
| BUSSE | 2 | 0 | Demonstration | 0 |
| Pugo | 4 | 0 | Demonstration | 0 |
| Ecoflo Cocofilter | 2 | 0 | Demonstration | 0 |
| Waterloo BioFilter | 2 | 0 | Demonstration | 0 |
| Amphidrome | 2 | 0 | Demonstration | 0 |
| BioMicrobics BioBarrier | 2 | 0 | Demonstration | 0 |
| BioMicrobics SepticTech STAAR | 2 | 0 | Provisional | 2 |
| BioMircrobics microFAST | 0 | 0 | Demonstration | 0 |
| Constructed Wetlands | 2 | 0 | Demonstration | 1 |
| Nitrogen Reducing BioFilters (NRB's) | 9 | 0 | Experimental | 0 |
| Totals | 53 | 153 | | 795 |

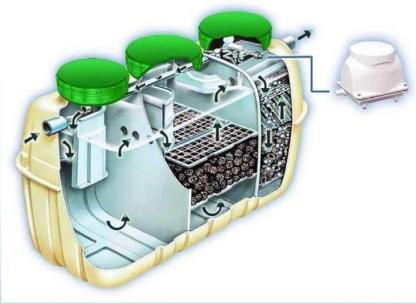
- Total Combined Applications (Installed, Under Review, or Permitted) is **1,001**
- Total Installs = 202 (53, Septic Demo, 63 SIP, 86 Other)



Hydro-Action 312

Systems





Fuji Clean System 368 Systems

AVERAGE COSTS UNDER SEPTIC IMPROVEMENT PROGRAM

| I/A OWTS Installation Cost | Site Constraints | Leaching Field Type | Leaching Costs | Engineering Costs | Total Project Cost |
|-------------------------------|--|--|----------------|----------------------|-----------------------|
| | 210 301201 01110 | g | Leaving costs | Costs | Cost |
| \$15,733 | 2 leaching pools, shrubs in access way | Leaching Pools | 2,107.00 | \$2,500 | 20,340.00 |
| \$18,789 | Dewatering. Reroute plumbing. Removal of shrubs & Belgian block patio | Existing 5-Pool System | N/A | \$2,500 | 21,289.00 |
| \$15,733 | Existing System in Driveway. | | 3,217.00 | \$2,500 | 21,450.00 |
| \$13,584 | | New Leaching Pool Installed | 3,261.00 | \$2,500 | 19,345.00 |
| \$16,395 | High Groundwater, System in Driveway | Leaching Pools (5 pool system) Existing. Expansion Pools Installed. | 6,325.00 | \$2,500 | 25,220.00 |
| \$17,274 | Deep Excavation, Long Electrical Conduit Run, Cost includes removal of deck for access to yard | Leaching Pool | 2,426.00 | \$2,500 | 22,200.00 |
| \$15,733 | | Leaching Galleys | 1,476.00 | \$2,500 | 19,709.00 |
| \$16,276 | | Pressurized Shallow Drainfield | 3,579.00 | \$2,500 | 22,355.00 |
| \$13,584 | Tight Yard Access | Leaching Pool | 2,511.00 | \$2,500 | 18,595.00 |
| \$19,044 | 6 bedroom; tree removal, reroute waterline | leaching pools | 5,245.00 | \$2,500 | 26,789.00 |
| \$15,733 | | Infiltrator | 2,643.25 | \$2,500 | 20,876.25 |
| \$16,095 | Driveway Leaching Location | Leaching Pools | 4,825 | \$2,500 | 23,420.00 |
| \$15,733 | | Eljen | 4,243.25 | N/A | 19,976.25 |
| \$15,733 | | Leaching Pool | 2,643.25 | \$2,500 | 20,876.25 |
| \$15,733 | Remove trees; raise wellhead; remove walkway; relocate water softener pipe | Leaching pool | 4,030.13 | \$2,500 | 22,263.13 |
| \$13,584 | | Leaching Pools | 5,346.00 | \$2,500 | 21,430.00 |
| \$16,095 | H20 Traffic Loading tank and Leaching Pools | Leaching Pool | 8,500 | \$2,500 | 27,095.00 |
| \$15,932.41 | | | \$ 3,898.62 | \$2,500.00 | 21,954.64 |

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES



FOR IMMEDIATE RELEASE: October 11, 2018

Contact: Grace Kelly-McGovern 631-854-0095

INCREASED FUNDING AVAILABLE FOR HOMEOWNERS TO REPLACE OLD CESSPOOLS AND SEPTICS

Addition of State Funding Allows County to Increase Grants to Make New IA Systems More Affordable

An award of \$10.025 million in State funding has allowed the Suffolk County Department of Health Services to increase the amounts of grants to homeowners who choose to replace their existing cesspools or septic systems with new Innovative/Alternative Onsite Wastewater Treatment Systems, Suffolk County Executive Steve Bellone announced today. As part of an expansion of the County's own Septic Improvement Program (SIP), homeowners who qualify under guidelines of the State Septic System Replacement Fund may be eligible to receive as much as \$20,000 in combined County and State funding, according to the County Executive. The additional funding will make it less expensive for homeowners to voluntarily replace aging and failing cesspools with state-of-the-art technologies that significantly improve treatment, extend system life, and enhance safety.

"As the County continues its historic work to improve water quality, New York State has recognized Suffolk as the leading county statewide in the battle to reduce nitrogen pollution by awarding us 70 percent of the first year's allocation under the State Septic Replacement Program," said Bellone. "As I have said many times, replacing cesspools and septic systems is critical if we are to improve water quality, but it will never work unless we can make it affordable for homeowners. The County's own program was an important step in the right direction, but the addition of this state funding will make it even easier for homeowners to replace their existing system with one designed to better protect the environment."



OCTOBER 11, 2018

SUFFOLK COUNTY

ANNOUNCES

ADDITIONAL \$10,000

GRANT FUNDING NOW

AVAILABLE TO

HOMEOWNERS



STATE SEPTIC SYSTEM REPLACEMENT FUND

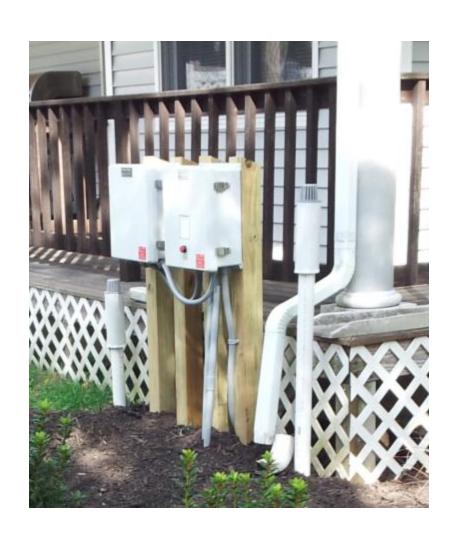
- > \$75 Million over five years /\$15 million per year
- Suffolk County receives \$10,025,000 or 67% of entire first year allocation
 - Program Eligibility
 - ✓ Must be located in a Priority Area
 - ✓ Must be failure, likely to fail, or determined by County Health Official that suspected to be major source of pollutants based on environmental factors.
 - ✓ Only single family homes, 2 family homes, and small businesses are eligible.
 - ✓ Projects cannot exceed 1,000 gpd
 - ✓ Seasonal / secondary homes at discretion of County Health Department

Ineligible Costs

- ✓ Routine Maintenance
- ✓ Sales tax
- ✓ Fines, penalties, permit fees, and late fees
- ✓ Non-essential site beautification
- ✓ Administrative work completed by engineer
- ✓ Construction oversight by engineer if engineer is also conduction septic repair or replacement



CONTROL PANELS & AIR VENTS







HYDROACTION AN SERIES





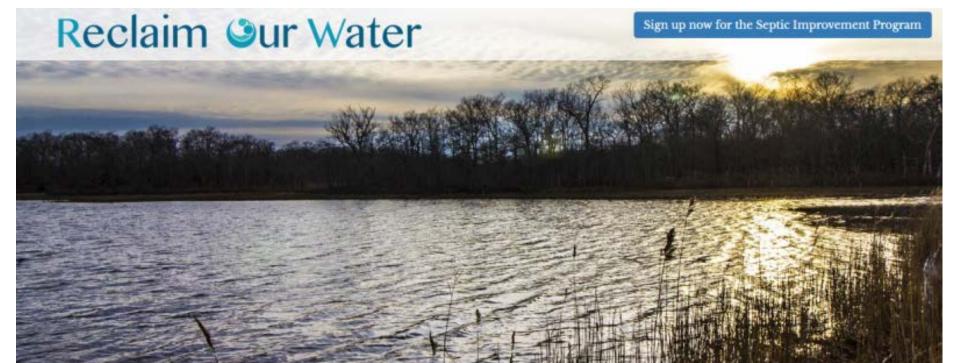
ORENCO RT UNIT











www.ReclaimOurWater.info

Questions?

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