SUFFOLK COUNTY’S
SEPTIC IMPROVEMENT PROGRAM (SIP)

June 20, 2019

WWW.RECLAIMOURWATER.INFO

JUSTIN JOBIN, ENVIRONMENTAL PROJECTS COORDINATOR
JUSTIN.JOBIN@SUFFOLKCOUNTYNY.GOV
631-852-5811
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 – ~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**

- 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

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

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

*Standard is 19mg/L
PROVISIONALLY APPROVED I/A OWTS

- Hydro-Action - 347
- Fuji Clean System - 412
- Norweco Singlair TNT - 242
- Norweco Hydrokinetic - 8
- SeptiTech STAAR - 12
- Orenco Advantex AX-RT - 30

3 Additional Technologies expecting approval
Suffolk County Septic Improvement Program (SIP)
Suffolk County’s Septic Improvement Program

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
SEPTIC IMPROVEMENT PROGRAM (SIP)

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
THE PRESSURIZED SHALLOW DRAINFIELDS (PSDs)

• Pressurized drainfields that evenly and horizontally distribute treated effluent within 18 inches of the top soil horizon.

• Emphasis on increased microbial activity and nutrient absorption.

• Treated effluent reductions up to 50% TN
PRESSURIZED SHALLOW DRAINFIELD

A Cheaper and Better Performing Alternative to Mounded Systems

- Typical cost of I/A OWTS to PSD $26,000
- Typical Cost of Conventional System with Mounded Retaining Wall $45,000
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).

✓ Property must not have any tax liens or be in foreclosure
**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)

2) 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. March 1, 2019

#### Scenario 1 for a 4-Bedroom Home

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

<table>
<thead>
<tr>
<th>Technology (Sorted by Date Approved)</th>
<th>Vendor</th>
<th>Contact</th>
<th>Cost</th>
</tr>
</thead>
</table>
| **Hydro-Action AN Series**           | Clear River Environmental | Dwarfen@clearriver.us  
Eastern Suffolk Office: 631-298-7749  
Western Suffolk Office: 631-467-5447 | $14,700.00 |
|                                      | A&A Sewer and Drain Maintenance Inc. | aasewerdrain@gmail.com  
631-849-1599 | $15,607.25 |
|                                      | Direct Drainage | DirectDrainage@aol.com  
631-472-0677 | $16,578.00 |
|                                      | Quakenbush Cesspools | quackcesspools@gmail.com  
631-907-4426 | $17,308.53 |
|                                      | SYP Industries | sypindustries@gmail.com  
631-775-0012 | $18,482.66 |
|                                      | Eastern Site Development | info@easternsitedevelopment.com  
631-209-4240 | $18,803.00 |
|                                      | South Fork Septic | john@southforkseptic.com  
631-283-0333 | $18,817.56 |
| **Norweco Singulair TNT**            | Clear River Environmental | Dwarfen@clearriver.us  
Eastern Suffolk Office: 631-298-7749  
Western Suffolk Office: 631-467-5447 | $13,450.00 |
|                                      | Roman Stone Systems LLC | tmontalbine@romanstonesystems.com  
631-667-0566 Ext.114 | $16,096.85 |
|                                      | Direct Drainage | DirectDrainage@aol.com  
631-472-0677 | $16,197.82 |
|                                      | Ken Rousell, Inc. | kristin@kenroussellinc.com  
631-288-2545 | $18,148.62 |
|                                      | Eastern Site Development | info@easternsitedevelopment.com  
631-209-4240 | $18,664.15 |
|                                      | Orenco Advantex AX20-RT | A&A Sewer and Drain Maintenance Inc. | aasewerdrain@gmail.com  
631-849-1599 | $18,115.31 |

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**Notes:**

1. All estimated costs not highlighted in red would fall under the intended SIP funding limits, not including $2,500 in estimated design costs that the homeowner is responsible for.
2. All costs exclude Engineering and design costs which is the responsibility of the homeowner.
3. Costs highlighted in red would require additional homeowner out-of-pocket expense.

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

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*** Engineering and design costs are not included in the above table and are the responsibility of the property owner ***
# Septic Improvement Program – Vendor Contact Information

For More Information visit [www.ReclaimOurWater.info](http://www.ReclaimOurWater.info) or call (631) 852-5811

<table>
<thead>
<tr>
<th>Manufacturer &amp; Technology</th>
<th>Local Distributor</th>
</tr>
</thead>
</table>
| Norweco Singulair & Hydro-Kinetic | Tom Montalbine, President  
Roman Stone Systems LLC  
85 South Fourth Street - Bayshore, NY 11706  
Web: [www.romanstone.com](http://www.romanstone.com)  
Phone: 631-667-0566 Ext.114  
Email: tmontalbine@romanstonesystems.com |
| Hydro-Action | Joe Densieski, Wastewater Works Inc.  
139 Reeves Avenue, Riverhead, NY 11901  
Web: [www.wastewaterworksinc.com](http://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  
631-405-0358 |
| Orenco AX-RT | Lee Essay, Nugent & Potter  
1557 County Rd. 39 – Southampton NY  
11968  
Phone: 631-488-4466  
Email: Lee@nugentpotter.com |
| 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

<table>
<thead>
<tr>
<th>Technology</th>
<th>1 year electrical consumption (kWh/year)</th>
<th>Increased electrical costs per year ($0.17/ kWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orenco Advantex AX20-RT</td>
<td>335.8 kWh</td>
<td>$73.88</td>
</tr>
<tr>
<td>Fuji Clean System</td>
<td>463.55 kWh</td>
<td>$101.98</td>
</tr>
<tr>
<td>Hydro-Action AN</td>
<td>734.26 kWh</td>
<td>$161.54</td>
</tr>
<tr>
<td>SeptiTech STAAR</td>
<td>912 kWh</td>
<td>$200.64</td>
</tr>
<tr>
<td>Norweco Singulair TNT</td>
<td>979.66 kWh</td>
<td>$215.53</td>
</tr>
<tr>
<td>Norweco Hydro-Kinetic</td>
<td>1051.2 kWh</td>
<td>$231.26</td>
</tr>
</tbody>
</table>

*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

- All prices are estimates from Vendor submitted quotes for 4-bedroom I/A OWTS.
- 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 $25,000 for I/A OWTS installed with gravity leaching or $30,000 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](http://www.ReclaimOurWater.info) or call (631) 852-5811

### Operations & Maintenance Costs

<table>
<thead>
<tr>
<th>Technology</th>
<th>One Year Contract Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydro-Action AN</td>
<td>$250.00</td>
</tr>
<tr>
<td>Orenco Advantex AX20-RT</td>
<td>$271.66</td>
</tr>
<tr>
<td>Fuji Clean Systems</td>
<td>$300.00</td>
</tr>
<tr>
<td>Norweco Hydro-Kinetic</td>
<td>$300.00</td>
</tr>
<tr>
<td>Norweco Singulair TNT</td>
<td>$315.00</td>
</tr>
<tr>
<td>SeptiTech STAAR</td>
<td>$250.00</td>
</tr>
</tbody>
</table>

### Estimated Repair and Replacement Costs*

<table>
<thead>
<tr>
<th>Technology</th>
<th>Item</th>
<th>Cost</th>
<th>Life Expectancy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norweco Singulair TNT</td>
<td>Aerator Replacement</td>
<td>$500.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$1,200.00</td>
<td>20 years</td>
</tr>
<tr>
<td>Fuji Clean CEN System</td>
<td>Blower Replacement (MAC 80R)</td>
<td>$320.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Blower Replacement (MAC 100R)</td>
<td>$420.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Blower Rebuild</td>
<td>$150.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Float Replacement</td>
<td>$100.00</td>
<td>5-10 years</td>
</tr>
<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$400.00</td>
<td>20 years</td>
</tr>
<tr>
<td>Hydro-Action AN Series</td>
<td>Blower Replacement</td>
<td>$400.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Blower Rebuild</td>
<td>$100.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Recirculation Pump Replacement</td>
<td>$400.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Float Replacement</td>
<td>$80.00</td>
<td>5-10 years</td>
</tr>
<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$1,200.00</td>
<td>20 years</td>
</tr>
<tr>
<td>Orenco Advantex AX20-RT</td>
<td>Recirculation Pump Replacement</td>
<td>$800.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Float Replacement</td>
<td>$80.00</td>
<td>5-10 years</td>
</tr>
<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$1,500.00</td>
<td>20 years</td>
</tr>
<tr>
<td>Norweco Hydro-Kinetic</td>
<td>Blower Replacement</td>
<td>$300.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Blower Rebuild</td>
<td>$100.00</td>
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<td></td>
<td>Recirculation Pump Replacement</td>
<td>$500.00</td>
<td>10 years</td>
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<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$1,200.00</td>
<td>20 years</td>
</tr>
<tr>
<td>SeptiTech STAAR</td>
<td>Recirculation Pump Replacement</td>
<td>$520.00</td>
<td>10 years</td>
</tr>
<tr>
<td></td>
<td>Float Replacement</td>
<td>$75.00</td>
<td>5-10 years</td>
</tr>
<tr>
<td></td>
<td>Control Panel Replacement**</td>
<td>$1,200.00</td>
<td>20 years</td>
</tr>
</tbody>
</table>

* 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.

For More Information visit [www.ReclaimOurWater.com](http://www.ReclaimOurWater.com) or call (631) 852-5811
The Grant Application Process
BEFORE YOU APPLY GATHER THE FOLLOWING DOCUMENTS

- Copy of Homeowner’s Insurance Policy
- Copy of most recent property tax bill
- Copy of Certificate of Occupancy or Zoning Compliance for the dwelling - available from the Town Clerk’s office
- If applying for the additional $5,000 Low to Moderate Incentive, you must provide the first two pages of property owner(s)’ latest year’s tax return along with signature page (Form 1040, 1040A or 1040EZ). Please be sure to redact your social security number
- If applicable: proof of sanitary system failure (photo, service receipts, etc.)
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 estimated engineering costs, estimated vendor costs, and costs associated with owning an I/A OWTS.

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.
STEP 1 — REGISTER ONLINE AND ACTIVATE YOUR ACCOUNT

Log In

Username: septic
Password: ****

Remember me next time.

LOG IN

Don't have a login? Click here to register!
Forgot your username/password?
Didn't receive activation email? Click here to resend.

Sign up now for the Septic Improvement Program

Reclaim Our Water

Septic Improvement Program
Applicant Information

Applicant First Name: [Text Box]  M.I.: [Text Box]  Applicant Last Name: [Text Box]

Contact First Name: [Text Box]  Contact Last Name: [Text Box]  Contact Cellphone #: [Text Box]  Email Address: [Text Box]

Username: [Text Box]

Password: [Text Box]

Confirm Password: [Text Box]

I Am Not A Robot
Please check the box to continue.

I AM NOT A ROBOT.

REGISTER

Please fill in all required information. After clicking "Register" you should receive a confirmation email with an activation link. Please click on the activation link and follow the instructions on-screen.

Having trouble?
Thank you for your interest in Suffolk County's Septic Improvement Program. If you are having trouble completing the application or have questions, please contact the Department of Health Services at 631-852-5811, or septicdemo@suffolkcountyny.gov. Staff is available to assist you Monday-Friday from 9am-5pm.
**Good Morning, Septic!**

**Property Owner Information and Adjusted Gross Income Reported on Federal Income Tax Return**
(Each property owner must be listed and must include their return information):

**Name of Applicant(s):** (If filing jointly, only include combined income once)

(The following Income verification is required if you are applying for an additional $5,000 grant for Low to Moderate Income homeowners.)

<table>
<thead>
<tr>
<th>Type</th>
<th>First Name / Business</th>
<th>M.I.</th>
<th>Last Name</th>
<th>Filing Status</th>
<th>Tax Form</th>
<th>Return Amount</th>
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<tbody>
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<td>Indiv</td>
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<td></td>
<td>Doe</td>
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<td>Indiv</td>
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<td>Doe</td>
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<td>Busin</td>
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<td>Sel</td>
<td></td>
</tr>
<tr>
<td>Busin</td>
<td>Down To Biz</td>
<td></td>
<td></td>
<td>Select</td>
<td>Sel</td>
<td></td>
</tr>
</tbody>
</table>

**Dwelling Information**

Enter your address slowly, once it populates in the dropdown list, select the address and then click verify. If successful, the address will appear on the map below.

- **Address:** 8 Sheridan Drive, SHIRLEY
- **Zip Code:** 11967
- **Year Built:** 1970

**District:** 0200
**Section:** 98:90
**Block:** 05.00
**Lot:** 004.00

**ADD ADDITIONAL OWNER**

**ADD ADDITIONAL PARCEL # / DSBL**
Enter in your tax map info as listed on your tax bill. Please add additional tax lot info as necessary.
ADD ADDITIONAL PARCEL # / DSBL

Enter in your tax map info as listed on your tax bill. Please add additional tax lot info as necessary.
Mailing Address:
Is mailing address different from physical address?
◎ Yes ◎ No

Address / PO Box: PO BOX 123  City: Shirley  Zip: 11967

Dwelling Use/Features:
Single Family House?
◎ Yes ◎ No

# Bedrooms: 4

Occupied Year Round?
◎ Yes ◎ No

# Occupants: 2

Current Septic System Information:
Current System Is: ◎ Septic Tank and Leaching Pools ◎ Block Cesspool ◎ Precast Cesspool ◎ Other ◎ Unknown

If you are proposing to replace a failed or failing sanitary system, please answer the following questions:
(Note requires upload of proof of failure, including, but not limited to receipts, photos or certification from a design professional):
Sewage disposal system has to be pumped two (2) or more times a year?
◎ Yes ◎ No

Sewage disposal system has collapsed or is collapsing?
◎ Yes ◎ No

Sewage backing-up into the dwelling?
◎ Yes ◎ No

Wastewater rising to the surface of the ground over or near any part of the existing sewage disposal system?
◎ Yes ◎ No
Applicant Questionnaire

ANSWERING THE FOLLOWING QUESTIONS WILL ALLOW US TO DETERMINE IF YOU QUALIFY TO PARTICIPATE IN SUFFOLK COUNTY'S SEPTIC IMPROVEMENT PROGRAM. PLEASE CHECK “YES” OR “NO” FOR ALL STATEMENTS:

Is this application for new construction on a vacant lot?
- Yes  - No

Does the residence rely on an onsite system (septic system or a cesspool)?
- Yes  - No

Are there any real property tax liens on the property?  
- Yes  - No

Is the property in foreclosure?
- Yes  - No

Do you consent that the County may share each property Owner(s) name, property address, grant award (if any), and property deed with CDCLI Funding Corporation, non-profit third party lender that is offering low interest loans for the installation of I/A OWTS?
- Yes  - No

Next Page  Log Out
(You must verify your address before continuing.)
Required Documents
Please upload all documents here. If you do not have all of your documents please click "Log Out" and collect all of your documents before returning.

The required documents include:
- Certificate of Occupancy or Equivalent
- Most Recent Property Tax Bill
- Proof of Homeowners Insurance Policy
- If applicable: proof of sanitary system failure (photo, service receipts, or certification from design professional)

Optional documents include (please choose Other when uploading):
- Property Deed
- Property Survey
- Floorplans
- Copies of water bills from October through February
- Copy of the first 2 pages of property owner(s) most recently filed tax return along with the signature page (please be sure to redact your Social Security Number)

Please note that the only acceptable file types are:
- .jpg
- .png
- .gif
- .bmp
- .pdf

*Files can be no larger than 5MB.*

Having trouble?
If you are having trouble completing the application or have questions, please contact the Department of Health Services at 631-832-5811 or septicdemo@suffolkuny.gov. Staff is available to assist you Monday-Friday from 9am-3pm.

### Attached Documents:

<table>
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<tr>
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<th>Type</th>
<th>Name</th>
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<tr>
<td>676</td>
<td>Tax Bill</td>
<td>taxbill.gif</td>
<td>Jul 17 2017</td>
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</table>
**RANKING AND SCORING PROCESS**

- Completed applications are scored and ranked as outlined in SIP rules and regulations.
- Top ranked applications (based on priority area and documented failure) will be sent a Grant Acceptance packet which contains the Grant Certificate, Grant Agreement, and an application for the State Grant.
- Homeowners have 30 days to sign the Grant Agreement. If signed Grant Agreements are not received by the Suffolk County Department of Health Services (SCDHS) within 30 days the Grant Certificate will expire and the allocated funding will revert back into the Grant pool.
- If final approval is not issued within 12 months from execution of the Grant Agreement, the Grant Certificate will expire and funding will revert back into the Grant pool.
**Reclaim Our Water**

**Suffolk County's Septic Improvement Program**

**Understanding the Installation Process**

1) Pre-installation photo of home on Shinnecock Bay with failing cesspool susceptible to overflows

2) Installation photo of new Orenco AX20-RT unit to a pressurized shallow drainfield.

Note: There will be extensive site disruption during installation

3) Completed installation photo

Note: The lids to finished grade as this is a requirement for these systems.

Note: It is recommended to give the soil time to settle before the contractor does final grading of site.

---

**What Covers to Grade:**

Covers provide access to your septic tank and maintain your septic system must remain fully accessible.

**Control Panels:**

Control Panels are the brains of the system. They should be protected during the installation process.

**Annual Operation & Maintenance:**

The first three years are covered as homeowners will need to sign responsible for maintenance costs. Anticipated that O&M will cost approximately $1,000.

**Increased Annual Electrical Cost:**

Depending on the treatment process, the systems that annual electric costs ranging from $50 to $200.

**Repair and Replacement Costs:**

Homeowners should be aware that although I/A OWTS have a long track record of use in the USA, they do contain components such as pumps, floats, air compressors, and controls that may need to be replaced at some point during the useful life of the system. These component repair and replacement costs could range from $50 to $200.

**Pumping Costs:**

Although these systems provide advanced treatment, they still need to be occasionally pumped by a septic hauler. Depending on the use of the system, it is estimated that the average system would need to be pumped out every 3-5 years. This increases the treatment and useful life of any sewage disposal system including I/A OWTS. A typical pump-out is estimated to cost $300 - $500.
WHAT TO DO AFTER YOU RECEIVE YOUR GRANT ACCEPTANCE PACKET

Execution of Grant Agreement (State & County):

- Homeowner evaluates options and decides to move forward. Grant Agreement must be signed and returned to SCDHS within 30 business days from receipt of Grant Acceptance packet.
- Copy of fully executed contracts will be returned to the homeowner.
- Homeowner contracts with Design Professional at their own expense.
THE WASTEWATER MANAGEMENT PERMIT PROCESS

- Design Professional completes a permit application and submits to OWM including vendor cost estimate. Homeowner enters into contract with Vendor. The Design Professional will also identify any required Town, Village, or State permits that may be required.

- SCDHS permit to construct is issued.

- Town/Village/New York State Department of Environmental Conservation (NYSDEC) permits are secured if required.
EVALUATE FUNDING OPTIONS

 Receive Grant Eligibility Memo from SCDHS

 Homeowner may contact CDCLI Funding Corporation (http://www.cdcli.org/septic-replacement-loan-program-suffolk-county-residents/) or other financial institution for loan pre-approval. It is expected that third party financial institutions would require a copy of the Grant Certificate to begin the pre-approval process.

 Homeowner submits Vendor proposal to County along with signed Assignment of Payments (AOPs)
I/A OWTS Installation Process

➢ I/A OWTS Installation Process:
  ● Construction can begin. SCDHS inspectors will visit the site and inspect that the installation is in accordance with County and Manufacturer Standards.

➢ Final Approval Process:
  ● System start-up witnessed by SCDHS. As-built plans submitted to SCDHS by the Design Professional. The homeowner submits I/A OWTS Registration form.

➢ Issuance of Final Approval:
  ● Final Approval letter will be issued by SCDHS Office of Wastewater Management. Design Professionals and Vendors must submit payment vouchers and invoices to SCDHS.
**Grant Dispersal**

- **Final Approval Process and Inspector Certification:**
  - System start-up witnessed by SCDHS. As-built plans submitted to SCDHS by the Design Professional. The homeowner submits I/A OWTS Registration form.
  - Vendor submits Certification Forms
  - Submit an O&M Agreement from maintenance provider

- **Issuance of Inspector Certification Letter:**
  - Inspector Certification letter will be issued by SCDHS Office of Ecology. Vendors must submit payment vouchers and invoices to SCDHS.

- **Issuance of Grant Payment:**
  - Once Inspector Certification letter is issued and payment vouchers and invoices are received, grant payments will be issued by the County to the Vendor identified in the Grant Agreement exhibit on behalf of the homeowner.
SIP Application Status as of June 19, 2019

- SCDHS started accepting applications July 3, 2017
  - 1,765 Total Applicants (804 Registrants)
  - 435 Issued Grant Certificates (approx. 235 fully executed)
  - 27 Pending Grant Certificate Issuance on 6/19/2019
  - 444 Pending Review (Waiting for Documents or incomplete)
  - 5 Not Eligible
  - 7 Withdrawn
- 110 Installations to date
- 132 Pending Installations
- 13 Pending Review

State Septic System Replacement Program Stats
  - 314 applications
  - 234 executed State Contracts
  - 57 grants paid out
  - 4 pending payment
  - $558,605.46 expended
## SIP Grants by Town as of June 19, 2019

<table>
<thead>
<tr>
<th>Town</th>
<th># of Grant Certificates Issued</th>
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<tbody>
<tr>
<td>Southampton *</td>
<td>128</td>
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<tr>
<td>Brookhaven</td>
<td>98</td>
</tr>
<tr>
<td>East Hampton *</td>
<td>80</td>
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<tr>
<td>Huntington</td>
<td>35</td>
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<tr>
<td>Islip</td>
<td>29</td>
</tr>
<tr>
<td>Southold</td>
<td>21</td>
</tr>
<tr>
<td>Shelter Island *</td>
<td>28</td>
</tr>
<tr>
<td>Smithtown</td>
<td>9</td>
</tr>
<tr>
<td>Babylon</td>
<td>3</td>
</tr>
<tr>
<td>Riverhead</td>
<td>4</td>
</tr>
</tbody>
</table>

* Towns with grant / rebate programs
AVERAGE COSTS UNDER SEPTIC IMPROVEMENT PROGRAM

- System Costs Overall (based on 50 systems)
  - Average Engineering Costs = $2,503.00
  - Average Base System Costs = $16,331.00
  - Average Misc. + Leaching Costs = $5,836.00
  - Average Total Cost = $22,216.00
**Taxability of Grants**

- The responsibility for generating tax forms lies with the Suffolk County Department of Audit & Control, under direction of the Suffolk County Comptroller, an independently elected official. The Department of Health Services has no control over the Department of Audit & Control. The Suffolk County Comptroller has directed his staff to generate a Form 1099-G for each grant recipient.

- The County Executive’s Office has asked the Comptroller to rescind the 1099 forms he has issued to homeowners and is waiting for him to respond.

- People who are concerned can contact the County Comptroller at (631)853-5040 and consult with their tax professional regarding tax implications.
CONTROL PANELS & AIR VENTS
HYDROACTION AN SERIES
SUCCESS STORIES
**SYSTEM DETAILS:** 3- Bedroom Home  
**Installed:** October 2017  
**Designer:** Studio A/B Architects  
**Technology:** Norweco Singulair  
**Leaching:** Existing Leaching Pools  
**Vendor:** Roman Stone Construction

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Design Costs</td>
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<tr>
<td>Installation Base Price: Scenario 1</td>
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<td>Misc. Installation Costs</td>
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<td>Total Installation Costs</td>
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<tr>
<td>Total Project Costs</td>
<td>$21,289.00</td>
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<tr>
<td>SIP Grant</td>
<td>-$10,000</td>
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<tr>
<td>Southampton CPF Rebate</td>
<td>-$11,289.00</td>
</tr>
<tr>
<td>End Cost to Homeowner</td>
<td>$0.00</td>
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“The Septic Improvement Program allowed me to purchase a system that I otherwise would not have been able to afford. I am environmentally conscientious and want a cleaner bay for my grandchildren and I to enjoy”- Homeowner
SEPTIC IMPROVEMENT PROGRAM INSTALL
SYSTEM DETAILS: 5-Bedroom Home
Installed: September 2017
Designer: TF Engineering
Technology: Hydroaction AN Series
Provisionally Approved 9/28/16
Leaching: Pressurized Infiltrator Bed
Vendor: Eco Supply Company

Cost Information

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<td>Total Project Costs</td>
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<tr>
<td>SIP Grant</td>
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<tr>
<td>Southampton CPF Rebate</td>
<td>- $11,355.00</td>
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<tr>
<td>End Cost to Homeowner</td>
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<td>INSTALLATION COSTS</td>
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<td>C</td>
<td>PUMPING AND DECOMMISSIONING COSTS</td>
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<td>D</td>
<td>3-YEAR O&amp;M AND WARRANTY</td>
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<td>E</td>
<td>SALES TAX</td>
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<td>TOTAL COUNTY ELIGIBLE COSTS (SUM OF LINES A, B, C, &amp; D)</td>
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### GRANT AWARD INFORMATION:

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<td>H</td>
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<td>NYS SSRP GRANT (up to $10,000 of 50% STATE ELIGIBLE COSTS)</td>
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**ELIGIBLE COSTS INFORMATION:**

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<td>D</td>
<td>3-YEAR O&amp;M AND WARRANTY</td>
<td>$750.00</td>
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<td>SALES TAX</td>
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<td>C</td>
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<td>D</td>
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<td>SUFFOLK COUNTY SIP GRANT</td>
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<td>SALES TAX</td>
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<td>G</td>
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</tbody>
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* Based on the assumption of a $2,500.00 Engineering Invoice

** Actual out of pocket costs may differ due to ineligible County and State costs that are not included in this memo
www.ReclaimOurWater.info

Questions?

Justin Jobin, Environmental Projects Coordinator
Justin.Jobin@suffolkcountyny.gov
631-852-5811