

# COUNTY OF SUFFOLK



**STEVEN BELLONE**  
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

**GREGSON H. PIGOTT, MD, MPH**  
Commissioner

## DEPARTMENT OF HEALTH SERVICES LIST OF APPROVED INNOVATIVE AND ALTERNATIVE ONSITE WASTEWATER TREATMENT SYSTEMS (I/A OWTS)

Revised May 15, 2020

All I/A OWTS technologies must be approved by the Department for use in Suffolk County as either an Experimental, Piloting, Demonstration, Provisional, or General Use system in order to be permitted for installation as a sewage disposal system in accordance with the “Standards for Approval of Plans and Construction for Sewage Disposal Systems for Single-Family Residences” and Standards for Approval of Plans and Construction for Sewage Disposal Systems for Other Than Single Family Residences”. This list hereby specifies such approved I/A OWTS technologies in Suffolk County.

### **EXPERIMENTAL APPROVALS:**

The following systems are approved for Experimental Use in Suffolk County, meaning that three (3) to five (5) systems of each technology may be installed on year round properties. These systems will be sampled monthly for twelve (12) months and approval for Piloting will be granted if the total dataset of 75% of the experimental systems have a combined average of 19 mg/L or less TN.

| Technology Name                        | Contact Information   | # of Systems Approved | Max # of Systems Allowed | Approval Date |
|--|---|-----------------------|--------------------------|---------------|
| Orenco Advantex + Nitrex System        | Pio Lombardo<br>Lombardo Associates<br>(617) 964-2924<br><a href="mailto:pio@lombardoassociates.com">pio@lombardoassociates.com</a> | 0                     | 5                        | 7/20/17       |
| Waterloo Biofilter + Nitrex System     | Pio Lombardo<br>Lombardo Associates<br>(617) 964-2924<br><a href="mailto:pio@lombardoassociates.com">pio@lombardoassociates.com</a> | 0                     | 5                        | 7/20/17       |
| BioMicrobics SeptiTech + Nitrex System | Pio Lombardo<br>Lombardo Associates<br>(617) 964-2924<br><a href="mailto:pio@lombardoassociates.com">pio@lombardoassociates.com</a> | 0                     | 5                        | 7/20/17       |



DIVISION OF ENVIRONMENTAL QUALITY – Office of Ecology  
360 Yaphank Avenue, Suite 2B, Yaphank, NY 11980 (631) 852 - 5800

| Technology Name                               | Contact Information  | # of Systems Approved | Max # of Systems Allowed | Approval Date |
|---|--|-----------------------|--------------------------|---------------|
| Nitrogen Reducing Biofilter - Lined           | Hilary Brooks<br>Center for Clean Water<br>Technology<br>Stony Brook University<br><a href="mailto:Hilary.Brooks@stonybrook.edu">Hilary.Brooks@stonybrook.edu</a><br>Phone: (631) 216-7417 | 3                     | 5                        | 7/15/16       |
| Nitrogen Reducing Biofilter - Unlined         |  | 3                     | 5                        | 7/15/16       |
| Nitrogen Reducing Biofilter – Box/Denite Tank |  | 3                     | 5                        | 7/15/16       |

**PILOTING APPROVALS:**

The following systems are approved for Piloting in Suffolk County, meaning that eight (8) to twelve (12) systems of each technology may be installed on year round properties. These systems will be sampled monthly for twelve (12) months and approved for Provisional Use if if the total dataset of 75% of the systems have a combined average of 19 mg/L or less TN.

| Technology Name    | Contact Information  | # of Systems Approved | Max # of Systems Allowed | Approval Date |
|--------------------|--|-----------------------|--------------------------|---------------|
| ECOPOD-N Series    | Mike Catanzaro<br>Delta Environmental, Inc.<br>P.O. Box 969<br>Denham Springs, LA 70727<br><a href="http://www.deltaenvironmental.com/">http://www.deltaenvironmental.com/</a><br>1-800-219-9183 | 0                     | 12                       | 7/20/2017     |
| Hoot-ANR           | Ron Suchecki<br>Hoot Systems, LLC<br>2885 Hwy 14E.<br>Lake Charles, LA 70607<br><a href="mailto:Ron@HootSystems.com">Ron@HootSystems.com</a><br>(254) 299-0821                                   | 0                     | 12                       | 11/30/2018    |
| AquaPoint BioClere | Steve Sedgwick<br>AquaPoint, Inc.<br>39 Tarklin Place<br>New Bedford, MA 02745<br><a href="mailto:ssedgwick@aquapoint.com">ssedgwick@aquapoint.com</a><br>office #: (508) 985-9050               | 0                     | 12                       | 7/30/2018     |



**PROVISIONAL USE APPROVALS:**

The following systems are approved for Provisional Use in Suffolk County, meaning that there is no cap on the amount of systems that may be installed. However, the first twenty (20) year-round systems must be sampled by every other month for twenty four (24) months and all other residential systems must be sampled every 12 months. Provisionally approved technologies may receive general use approval if the dataset of all of the 20 year round systems have a combined average of 19 mg/l or less TN.

| Technology Name                            | Contact Information  | PSD Category* | Approval Date      |
|--|--|---------------|--------------------|
| Hydro-Action AN Series                     | Joe Densieski, Wastewater Works, Inc.<br><a href="mailto:wastewaterworksinc@gmail.com">wastewaterworksinc@gmail.com</a><br>(631) 831-2580                    | 1             | September 28, 2016 |
| Norweco Singulair TNT                      | Tom Montalbine, Roman Stone Construction Company<br><a href="mailto:tmontalbine@romanstoneco.com">tmontalbine@romanstoneco.com</a><br>(631) 667-0566 Ext.114 | N/A           | October 7, 2016    |
| Orenco AX-RT                               | Lee Essay, Nugent & Potter<br><a href="mailto:Lee@nugentpotter.com">Lee@nugentpotter.com</a><br>(631) 283-1103   | 1             | March 1, 2017      |
| Norweco Hydro-Kinetic                      | Tom Montalbine, Roman Stone Construction Company<br><a href="mailto:tmontalbine@romanstoneco.com">tmontalbine@romanstoneco.com</a><br>(631) 667-0566 Ext.114 | 1             | April 21, 2017     |
| Fuji Clean CEN                             | Bryan McGowin, Advanced Wastewater Solutions, LLC<br><a href="mailto:bryan@awsli.com">bryan@awsli.com</a><br>(631) 405-0358                                  | 1             | January 19, 2018   |
|  | Peder Larsen, Shelter Island Sand, Gravel & Contracting<br><a href="mailto:sisandgravel@gmail.com">sisandgravel@gmail.com</a><br>(631) 749-1040              |               |                    |
| SeptiTech STAAR                            | Bob Eichinger, SeptiTech Long Island<br><a href="mailto:Bob@septitechli.com">Bob@septitechli.com</a><br>(631) 284-9893                                       | 1             | July 23, 2018      |
| EcoFlo Coco Filter + Denite Polishing Unit | Martin Ouellet, Premier Tech Aqua<br><a href="mailto:ouem2@premiertech.com">ouem2@premiertech.com</a><br>+1 418 867-8883, ext. 6802 (Canada)                 | 1             | September 26, 2019 |
| Orenco AX-20                               | Lee Essay, Nugent & Potter<br><a href="mailto:Lee@nugentpotter.com">Lee@nugentpotter.com</a><br>(631) 283-1103   | 1             | September 26, 2019 |

\* Note: PSD Category type determines loading rates allowed when sizing Pressurized Shallow Drainfields (PSD's) following pretreatment. Category 1 systems have been classified by The Department as meeting effluent standards less than or equal to 20 mg/L for both BOD and TSS and 5 mg/L for FOG. This classification is based on the average of the steady state data on file for a technology. This data will be updated every 6-months with provisional sample results from manufacturers and systems will be reclassified as the data warrants. A PSD Category of N/A indicates that the system does not meet the requirements for category 1 or 2 at this time.

