

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 September 21, 2021

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 Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17
Waterloo Biofilter + Nitrex System	Pio Lombardo Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17
BioMicrobics SeptiTech + Nitrex System	Pio Lombardo Lombardo Associates (617) 964-2924 pio@lombardoassociates.com	0	5	7/20/17



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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 – Box/Denite Tank	Hilary Brooks Center for Clean Water Technology Stony Brook University Hilary.Brooks@stonybrook.edu Phone: (631) 216-7417	2	5	7/15/16
AET Tech's the New Clear Solution	Dr. Daniel Smith 10809 Cedar Cove Dr. Thonotosassa, FL 33592 Daniel.Smith.AET@outlook.com	0	5	8/28/20

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
Nitrogen Reducing Biofilter – Lined	Hilary Brooks Center for Clean Water Technology Stony Brook University Hilary.Brooks@stonybrook.edu Phone: (631) 216-7417	8	12	7/8/21
Nitrogen Reducing Biofilter - Unlined		7	12	1/29/21
ECOPOD-N Series	Mike Catanzaro Delta Environmental, Inc. P.O. Box 969 Denham Springs, LA 70727 http://www.deltaenvironmental.com/ 1-800-219-9183	0	12	7/20/17
Hoot-ANR	Ron Suchecki Hoot Systems, LLC 2885 Hwy 14E. Lake Charles, LA 70607 Ron@HootSystems.com (254) 299-0821	0	12	11/30/18



AquaPoint BioClere	Steve Sedgwick AquaPoint, Inc. 39 Tarklin Place New Bedford, MA 02745 ssedgwick@aquapoint.com office #: (508) 985-9050	0	12	7/30/18
ANUA I/A OWTS Technologies 1. PuraSys SBR 2. PuraSys SBR with BioCoir Media Filter Polishing Unit 3. PuraSys SBR with Aerocell Media Filter Polishing Unit 4. AeroCell Recirculating Media Filter 5. BioCoir Recirculating Media Filter	ANUA P.O. Box 77457 Greensboro, NC 27417 Barbara Smith Barbara.smith@anuainternational.com Colin Bishop colin.bishop@anuainternational.com Sean McGuigan sean.mcguigan@anuainternational.com Don Kehoe don.midoke@gmail.com Mike Giovingo mike.midoke@gmail.com	0	5	8/6/20

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. wastewaterworksinc@gmail.com (631) 831-2580	1	September 28, 2016
Norweco Singulair TNT <i>Under Minor Violation</i>	Tom Montalbine, Roman Stone Construction Company tmontalbine@romanstoneco.com (631) 667-0566 Ext.114	N/A	October 7, 2016
Orenco AX-RT <i>Under Minor Violation</i>	Lee Essay, Nugent & Potter Lee@nugentpotter.com (631) 283-1103	1	March 1, 2017
Norweco Hydro-Kinetic	Tom Montalbine, Roman Stone Construction Company tmontalbine@romanstoneco.com (631) 667-0566 Ext.114	1	April 21, 2017
Fuji Clean CEN	Bryan McGowin, Advanced Wastewater Solutions, LLC bryan@awsli.com (631) 405-0358	1	January 19, 2018
	Peder Larsen, Shelter Island Sand, Gravel & Contracting sisandgravel@gmail.com (631) 749-1040		



SeptiTech STAAR	Bob Eichinger, SeptiTech Long Island Bob@septitechli.com (631) 284-9893	1	July 23, 2018
Orenco AX-20	Lee Essay, Nugent & Potter Lee@nugentpotter.com (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.

