

# Septic Technologies Covered through DEP's Septic Upgrade Incentive Program

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## NSF 245 Systems

Include recirculation or some other method of reducing nitrate. Require operating permit, annual DOH inspection and maintenance twice a year. Contractor and homeowner maintenance training varies by model. Note that not all NSF 245 systems can be installed for all repair and modification permits for compliance with nitrogen-reducing requirements. See details below.

Manufacturer	Models	Installation Training Contact*	Maintenance Training*
<b>Anua</b> PO Box 77457 Greensboro, NC 27417 (336) 547-9338   (336) 547-8559 <a href="https://quanics.net">https://quanics.net</a>	<b>ANUA PURASYS PS1-5, PS1-6, PS1-7, PS1-8, PS1-9, PS1-10, PS1-11, PS1-12, PS1-12, PS1-14</b>	Colin Bishop (409) 466-4644 <a href="mailto:colin.bishop@anua-us.com">colin.bishop@anua-us.com</a>	Available via manufacturer
<b>Aquaklear</b> 876 North Bierdeman Road, Pearl, MS 39208 (601) 936-7711   (601) 936-7723 <a href="http://www.aquaklear.net">http://www.aquaklear.net</a>	<b>AquaKlear AK6S245C, AK10S245C</b> 50.8% reduction of N	Keith Brown (601) 936-7723 <a href="mailto:kccb2@bellsouth.net">kccb2@bellsouth.net</a>	Available via manufacturer
<b>BioMicrobics, Inc.</b> 16002 West 110th Street Lenexa, KS 66219 USA (800) 753-3278   (913) 422-0707 <a href="http://biomicrobics.com/solutions/single-family">http://biomicrobics.com/solutions/single-family</a>	<b>BioBarrier MBR 0.5, MBR1.0, MBR1.5</b> 79% reduction of N  <b>MicroFAST 0.5, 0.625, 0.75, 0.9,1.5</b> 55% reduction of N	Katie Vongsy (816) 260-0891 <a href="mailto:kvongsy@biomicrobics.com">kvongsy@biomicrobics.com</a>	Available via manufacturer and FOWA
<b>Clearstream Wastewater Systems</b> 4899 US Highway 69S Lumberton, TX 77657 (800) 586-3656 <a href="https://www.clearstreamsystems.com">https://www.clearstreamsystems.com</a>	<b>Clearstream 500D, 500DA, 500DAT, 500DAST, 500DST, 600D, 600DA, 600DAC3, 600DAT, 600DT, 600DC3, 750D, 750DT, 800D, 800DA, 800DT</b>  <b>1000D, 1000DT, 1500D</b> 52.9% reduction of N	Lonnie Welch (409) 782-3256 <a href="mailto:dee@clearstreamsystems.com">dee@clearstreamsystems.com</a>	Available via manufacturer and FOWA
<b>Delta Treatment Systems Infiltrator Water Technologies</b> 4 Business Park Road P.O. Box 768 Old Saybrook, CT 06475 (800) 221-4436 <a href="https://www.infiltratorwater.com/delta-treatment-systems/ecopod/">https://www.infiltratorwater.com/delta-treatment-systems/ecopod/</a>	<b>ECOPOD E50-N, E60-N, E75-N, E100-N</b> 53% reduction of N	Greg Harris (386) 983-1945 <a href="mailto:gharris@infiltratorwater.com">gharris@infiltratorwater.com</a>	Available via manufacturer and FOWA
<b>Fuji Clean USA</b> 41-2 Greenwood Road, Brunswick, ME 04011 (207) 406-2927   (888) 789-1977 <a href="https://www.fujicleanusa.com">https://www.fujicleanusa.com</a>	<b>CEN 5, 7, 10, 14</b> 74% reduction of N	Victoria Messina 352-800-9758 <a href="mailto:victoria@messinaassociates.com">victoria@messinaassociates.com</a>	Available via manufacturer
<b>Jet</b> 750 Alpha Drive, Cleveland, OH 44143 (440) 461-2000   (800) 321-6960 <a href="https://www.jetincorp.com/residential-wastewater-treatment-plant.php">https://www.jetincorp.com/residential-wastewater-treatment-plant.php</a>	<b>Jet CF-500, CF-750, CF1000, CF-1250, CF-1500</b> 67% reduction of N	Edward Schloss 216-402-0337 <a href="mailto:eschloss@jetincorp.com">eschloss@jetincorp.com</a>	Available via manufacturer

\* Homeowners may contact manufacturers to inquire about homeowner installation and maintenance training

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Manufacturer	Models	Installation Training Contact*	Maintenance Training*
<b>Norweco</b> 220 Republic Street Norwalk, OH 44857-1156 800-NORWECO (419) 668-4471 <a href="https://www.norweco.com/residential/">https://www.norweco.com/residential/</a>	<b>Singulair TNT -500, TNT-600, TNT-750, TNT-800, TNT-1000, TNT-1250, TNT-1500</b> 68% reduction of N	Drew Nickoli (419) 706-6609 <a href="mailto:dnickoli@norweco.com">dnickoli@norweco.com</a>	Available via manufacturer
<b>Orenco Systems</b> 814 Airway Ave., Sutherlin, OR 97479 (800) 348-9843 (541) 459-4449 <a href="https://www.orencosystems.com/applications/residential-treatment-system">https://www.orencosystems.com/applications/residential-treatment-system</a>	<b>Advantex AX20RTN, AX20N</b> 55% reduction of N	Reed Johnson (757) 645-8662 <a href="mailto:rjohnson@orencosystems.com">rjohnson@orencosystems.com</a>	Available via manufacturer

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## Performance Based Treatment Systems (PBTS)

Can include a nitrogen-reducing aerobic treatment unit and other components. Must be engineer-designed and require a maintenance contract and operating permit from the county health department. Contractor and homeowner maintenance training varies by model. Note that not all nitrogen-reducing PBTS can be installed under all repair and modification permits for compliance with nitrogen-reducing requirements. In addition, some PBTS must be installed under a system innovative permit. See details below.

Manufacturer	Model	Installation Training Contact*	Maintenance Training*
<b>Anua</b> P.O. Box 77457 Greensboro, NC 27417 (336) 547-9338   (336) 547-8559 <a href="https://quanics.net">https://quanics.net</a>	<b>Aerocell ATS SCAT-8-AC -C500</b> 77% reduction of N	Colin Bishop (409) 466-4644 <a href="mailto:colin.bishop@anua-us.com">colin.bishop@anua-us.com</a>	Available via manufacturer
<b>BioMicrobics, Inc.</b> 16002 West 110th Street Lenexa, KS 66219 (800) 753-3278   (913) 422.070   (913) 422.0808 <a href="http://biomicrobics.com/solutions/single-family">http://biomicrobics.com/solutions/single-family</a>	<b>MicroFAST 0.5</b> 71% reduction of N  <b>FAST</b> 73% reduction of N (NSF40 +N)  <b>Septitech Model 400 (ETV)</b> 64% reduction of N	Katie Vongsy (816) 260-0891 <a href="mailto:kvongsy@biomicrobics.com">kvongsy@biomicrobics.com</a>	Available via manufacturer and FOWA
<b>Clearstream Wastewater Systems</b> 4899 US Highway 69S Lumberton, TX 77657 (800) 586-3656 <a href="https://www.clearstreamsystems.com">https://www.clearstreamsystems.com</a>	<b>Clearstream 500 D</b> 74.8% reduction of N (2014)	Lonnie Welch (409) 782-3256 <a href="mailto:dee@clearstreamsystems.com">dee@clearstreamsystems.com</a>	Available via manufacturer and FOWA
<b>Consolidated Treatment Systems</b> 1501 Commerce Center Drive Franklin, OH 45005 (937) 746-2727   (937) 746-1446   (800) 503-0163 <a href="https://consolidatedtreatment.com/products/enviro-guard-waste-water-treatment-system.aspx">https://consolidatedtreatment.com/products/enviro-guard-waste-water-treatment-system.aspx</a>	<b>Enviro-Guard</b> 57% reduction of N		Available via manufacturer and FOWA
<b>Ecological Tanks</b> 2247 Hwy 151 North Downsville, LA 71234 (318) 644-0397	<b>Aqua Safe 500</b> 52% reduction of N	Trey Johnson (318) 372-9438 <a href="mailto:aquasafe@bayou.com">aquasafe@bayou.com</a>	Available via manufacturer and FOWA
<b>Fuji Clean USA</b> 41-2 Greenwood Road, Brunswick, ME 04011 (207) 406-2927   (888) 789-1977	<b>CE</b>  <b>CE 5</b> 67% reduction of N  <b>CEN 5</b> 74% reduction of N	Victoria Messina (352) 800-9758 <a href="mailto:victoria@messinaassociates.com">victoria@messinaassociates.com</a>	Available via manufacturer

## Performance Based Treatment Systems (continued)

Manufacturer	Model	Installation Training Contact*	Maintenance Training*
<b>HOOT</b> 2885 Hwy 14E. Lake Charles, LA 70607 (888) 878-HOOT   (337) 477-7904 questions@hootsystems.com	<b>Hoot 500 (w/recirculation)</b> 63% reduction of N	Ron Sucheki (254) 498-3015 ron@hootsystems.com	Available via manufacturer and FOWA
<b>Lombardo Associates</b> 188 Church Street Newton, MA 02458   (617) 964-2924 (617) 332-5477 http://lombardoassociates.com	<b>Nitrex</b> 69% additional reduction of N	Pio Lombardo (617) 529-4191 pio@lombardoassociates.com	Available via manufacturer
<b>Norweco</b> 220 Republic Street Norwalk, OH 44857-1156 (800) NORWECO   (419) 668-4471 https://www.norweco.com/residential	<b>Hydro-Kinetics 600FEU</b> 76% reduction of N  <b>Singulair 960 (w/recirculation)</b> 73% reduction of N	Drew Nickoli (419) 706-6609 dnickoli@norweco.com	Available via manufacturer
<b>Orenco Systems</b> 814 Airway Ave., Sutherlin, OR 97479 (800) 348-9843   (541) 459-4449 https://www.orenco.com/applications/residential-treatment-system	<b>Advantex 20x Mode 1</b> 64% reduction of N  <b>Advantex 20x Mode 3</b> 66% reduction of N	Reed Johnson (757) 645-8662 rjohnson@orenco.com	Available via manufacturer

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## Inground Nitrogen Reducing Biofilter (INRB)

Include a nitrate-reducing filter layer below the drainfield with material that reacts with nitrate, and has been shown to reduce nitrogen in sewage by around 65%. No training/certification, operating permit nor maintenance entity required; but, system type must be attached to property deed. To learn how to construct, install and maintain these systems, contact the Florida Onsite Wastewater Association at [admin@fowaonsite.com](mailto:admin@fowaonsite.com).