

## BAT Class I Technology List

The following technologies have successfully completed field verification and are classified as BAT Class I units. All BAT Class I units are eligible for funding through the Bay Restoration Fund onsite sewage disposal system grant program.

Model	Contact Information	Certifications	MDE Field Performance Analysis for Total Nitrogen
Fuji Clean CEN-Series	<p><b>Manufacturer</b> Fuji Clean USA <a href="http://www.fujicleanusa.com">www.fujicleanusa.com</a></p> <p><b>Local Distributor -</b> Bay Area Environmental Don Jones - (410) 836-9206 <a href="mailto:manager@jonespumpservice.com">manager@jonespumpservice.com</a></p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 77%</p> <p>Mean Effluent Concentration: 14.1 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
Advantex®-RT	<p><b>Manufacturer</b> Orenco Systems®, Inc. <a href="http://www.orengo.com/">www.orengo.com/</a></p> <p><b>Local Distributor -</b> Atlantic Solutions Bob Johnson - 1 (877) 214-9283 <a href="mailto:bjohnson@septicssystems.net">bjohnson@septicssystems.net</a></p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 76%</p> <p>Mean Effluent Concentration: 14.5 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
Advantex®-AX20	<p><b>Manufacturer</b> Orenco Systems®, Inc. <a href="http://www.orengo.com/">www.orengo.com/</a></p> <p><b>Local Distributor -</b> Atlantic Solutions Bob Johnson - 1 (877) 214-9283 <a href="mailto:bjohnson@septicssystems.net">bjohnson@septicssystems.net</a></p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 71%</p> <p>Mean Effluent Concentration: 17 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
SeptiTech®	<p><b>Manufacturer</b> SeptiTech, Inc. <a href="http://www.septitech.com">www.septitech.com</a></p> <p><b>Local Distributors Eastern Region -</b> Gillespie &amp; Sons Inc. Jim Gillespie - (410) 778-0900 <a href="mailto:jimg@gillespieandson.com">jimg@gillespieandson.com</a></p> <p><b>Central Region -</b> Bay Area Environmental Don Jones - (410) 836-9206 <a href="mailto:manager@jonespumpservice.com">manager@jonespumpservice.com</a></p>	<p><a href="#">ETV</a></p> <p>And</p> <p><a href="#">NSF 245</a></p>	<p>Mean % Reduction of TN: 67%</p> <p>Mean Effluent Concentration: 20 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
Hydro-Action® - AN Series	<p><b>Manufacturer</b> Hydro-Action/AK Industries Inc. <a href="http://www.hydro-action.com">www.hydro-action.com</a></p> <p><b>Regional Distributor -</b> Blue Water Environmental, LLC Mark O'Rourke - (240) 444-6401 Email: <a href="mailto:mark@bwenvironmental.com">mark@bwenvironmental.com</a></p> <p><b>Local Distributors Central-Eastern Region -</b> Sample Excavating Co. Inc. Mike Sample - (443) 807-8639 Email: <a href="mailto:sampleexcavating@aol.com">sampleexcavating@aol.com</a></p> <p><b>Southern Region -</b> Outback Porta-Jon, Inc. Steve Willson - (410) 257-1600 Email: <a href="mailto:willson05@comcast.net">willson05@comcast.net</a></p>	<p><a href="#">NSF 245</a></p>	<p>Mean % Reduction of TN: 66%</p> <p>Mean Effluent Concentration: 20.3 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>

Hoot® BNR	<p><b>Manufacturer</b> Hoot Aerobic Systems, Inc. <a href="http://www.hootsystems.com">www.hootsystems.com</a></p> <p><b>Local Distributor -</b> Mayer Bros. Nancy Mayer - (410) 796-1434 <a href="mailto:nancy@mayerprecast.com">nancy@mayerprecast.com</a></p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 64%</p> <p>Mean Effluent Concentration: 21 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
RetroFAST	<p><b>Manufacturer</b> Bio-Microbics, Inc. <a href="http://www.biomicrobics.com">http://www.biomicrobics.com</a></p> <p><b>Local Distributors</b> <b>Eastern Region -</b> Gillespie &amp; Sons, Inc. Jim Gillespie - (410) 778-0900 <a href="mailto:jimg@gillespieandson.com">jimg@gillespieandson.com</a></p> <p><b>Central Region -</b> Bay Area Environmental Don Jones - (410) 836-9206 <a href="mailto:manager@jonespumpservice.com">manager@jonespumpservice.com</a></p>	<p><a href="#">ETV</a></p> <p>And</p> <p><a href="#">NSF 245</a></p>	<p>Mean % Reduction of TN: 58%</p> <p>Mean Effluent Concentration: 25.4 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p> <p>Limited to households of 1 to 4 occupants and 3 bedroom or less</p>
Singular TNT & Singular Green (plastic tank)	<p><b>Manufacturer</b> Norweco, Inc. <a href="http://www.norweco.com">www.norweco.com</a></p> <p><b>Local Distributors</b> <b>Eastern Shore -</b> Towers Concrete Products Jeffrey Powell - (800) 773-9128 <a href="mailto:towersconc.jp@gmail.com">towersconc.jp@gmail.com</a></p> <p><b>Southern Region -</b> Superior Tank Jeff Earnshaw - (301) 274-3772 <a href="mailto:superiortank@primary.net">superiortank@primary.net</a></p> <p><b>Western Region -</b> C.R. Semler Charlie Semler - (301) 824-2780 <a href="mailto:crsemmler@crsemmler.com">crsemmler@crsemmler.com</a></p> <p><b>Western Region -</b> Garrett &amp; Allegany Co. Pile's Concrete Products Co. Inc. Brett Zimmerman - (814) 445-6619 <a href="mailto:brett_zimmerman@hotmail.com">brett_zimmerman@hotmail.com</a></p> <p><b>Central Region -</b> Back River Pre-Cast LLC Matt Geckle - (410) 833-3394</p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 55%</p> <p>Mean Effluent Concentration: 27 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>
AquaKlear	<p><b>Manufacturer</b> AquaKlear Inc <a href="http://www.aquaklear.net/">http://www.aquaklear.net/</a></p> <p><b>Local Distributor -</b> BayStar Precast Corp. Dave Care - (410) 977-3453 <a href="mailto:careless32@comcast.net">careless32@comcast.net</a></p>	<p><a href="#">NSF 245</a></p> <p>And</p> <p>Other 3rd Party</p>	<p>Mean % Reduction of TN: 54%</p> <p>Mean Effluent Concentration: 27.5 mg/l</p> <p><a href="#">Data &amp; Analysis</a></p>

Last Updated: 7/15/2021