# 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Contact Information</th>
<th>Certifications</th>
<th>MDE Field Performance Analysis for Total Nitrogen</th>
</tr>
</thead>
</table>
| Fuji Clean CEN-Series  | **Manufacturer**
 Fuji Clean USA
 www.fujicleanusa.com

**Local Distributor**
 Bay Area Environmental
 Don Jones - (410) 836-9206
 manager@jonespumpservice.com

**NSF 245**
 And other

Mean % Reduction of TN: 77%
Mean Effluent Concentration: 14.1 mg/l
Data & Analysis |
| Advantex®-RT           | **Manufacturer**
 Orenco Systems®, Inc.
 www.orenco.com/

**Local Distributor**
 Atlantic Solutions
 Bob Johnson - 1 (877) 214-9283
 bjohnson@septicsystems.net

Other
3rd Party

Mean % Reduction of TN: 76%
Mean Effluent Concentration: 14.5 mg/l
Data & Analysis |
| Advantex®-AX20          | **Manufacturer**
 Orenco Systems®, Inc.
 www.orenco.com/

**Local Distributor**
 Atlantic Solutions
 Bob Johnson - 1 (877) 214-9283
 bjohnson@septicsystems.net

Other
3rd Party

Mean % Reduction of TN: 71%
Mean Effluent Concentration: 17 mg/l
Data & Analysis |
| SeptiTech®             | **Manufacturer**
 SeptiTech, Inc.
 www.septitech.com

**Local Distributors**
 Eastern Region
 Gillespie & Sons Inc.
 Jim Gillespie - (410) 778-0900
 jimg@gillespieandson.com

**Central Region**
 Bay Area Environmental
 Don Jones - (410) 836-9206
 manager@jonespumpservice.com

ETV
And
NSF 245

Mean % Reduction of TN: 67%
Mean Effluent Concentration: 20 mg/l
Data & Analysis |
| Hydro-Action®-AN Series| **Manufacturer**
 Hydro-Action/AK Industries Inc.
 www.hydro-action.com

**Regional Distributor**
 Blue Water Environmental, LLC
 Mark O’Rourke – (240) 444-6401
 Email: mark@bwenvironmental.com

**Local Distributors**
 Central-Eastern Region
 Sample Excavating Co. Inc.
 Mike Sample – (443) 807-8639
 Email: sampleexcavating@aol.com

**Southern Region**
 Outback Porta-Jon, Inc.
 Steve Willson – (410) 257-1600
 Email: willson05@comcast.net

NSF 245

Mean % Reduction of TN: 66%
Mean Effluent Concentration: 20.3 mg/l
Data & Analysis |

**Mean % Reduction of TN:**
77%
76%
71%
67%
66%
66%

**Mean Effluent Concentration:**
14.1 mg/l
14.5 mg/l
17 mg/l
20 mg/l
20.3 mg/l
<table>
<thead>
<tr>
<th>Model</th>
<th>Manufacturer</th>
<th>Local Distributor</th>
<th>Mean % Reduction of TN:</th>
<th>Mean Effluent Concentration:</th>
<th>Data &amp; Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hoot® BNR</td>
<td>Hoot Aerobic Systems, Inc.</td>
<td>Mayer Bros.</td>
<td>64%</td>
<td>21 mg/l</td>
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<tr>
<td></td>
<td><a href="http://www.hootsystems.com">www.hootsystems.com</a></td>
<td>Nancy Mayer - (410) 796-1434 <a href="mailto:nancy@mayerprecast.com">nancy@mayerprecast.com</a></td>
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<tr>
<td>RetroFAST</td>
<td>Bio-Microbics, Inc.</td>
<td>Gillespie &amp; Sons, Inc.</td>
<td>58%</td>
<td>25.4 mg/l</td>
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<td></td>
<td><a href="http://www.biomicrobics.com">http://www.biomicrobics.com</a></td>
<td>Jim Gillespie - (410) 778-0900 <a href="mailto:jim@gillespieandoandson.com">jim@gillespieandoandson.com</a></td>
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<td>Central Region - Bay Area Environmental</td>
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<td></td>
<td></td>
<td>Don Jones - (410) 836-9206 <a href="mailto:manager@jonespumpservice.com">manager@jonespumpservice.com</a></td>
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<td>ETV</td>
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<tr>
<td>Singulair TNT &amp;</td>
<td>Norweco, Inc.</td>
<td></td>
<td>55%</td>
<td>27 mg/l</td>
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<tr>
<td>Singulair Green</td>
<td><a href="http://www.norweco.com">www.norweco.com</a></td>
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<td>(plastic tank)</td>
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<td>Eastern Shore - Towers Concrete Products</td>
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<td></td>
<td></td>
<td>Jeffrey Powell - (800) 773-9128 <a href="mailto:towersconc.jp@gmail.com">towersconc.jp@gmail.com</a></td>
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<td>Southern Region - Superior Tank</td>
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<td></td>
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<td>Jeff Earnshaw - (301) 274-3772 <a href="mailto:superiortank@primary.net">superiortank@primary.net</a></td>
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<td>Western Region - C.R. Semler</td>
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<td></td>
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<td>Charlie Semler - (301) 824-2780 <a href="mailto:csemler@csemler.com">csemler@csemler.com</a></td>
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<td>Western Region - Garrett &amp; Allegany Co.</td>
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<tr>
<td></td>
<td></td>
<td>Pile’s Concrete Products Co. Inc.</td>
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<td>Brett Zimmerman - (814) 445-6619 <a href="mailto:brett.zimmerman@hotmail.com">brett.zimmerman@hotmail.com</a></td>
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<td></td>
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<td>Central Region - Back River Pre-Cast LLC</td>
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<td></td>
<td>Matt Geckle - (410) 833-3394</td>
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<td></td>
<td></td>
<td>Other 3rd Party And NSF 245</td>
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<tr>
<td>AquaKlear</td>
<td>AquaKlear Inc</td>
<td></td>
<td>54%</td>
<td>27.5 mg/l</td>
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<td></td>
<td><a href="http://www.aquaklear.net/">http://www.aquaklear.net/</a></td>
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<tr>
<td></td>
<td></td>
<td>BayStar Precast Corp.</td>
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<td></td>
<td></td>
<td>Dave Care - (410) 977-3453 <a href="mailto:careless32@comcast.net">careless32@comcast.net</a></td>
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<tr>
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<td></td>
<td>Other 3rd Party And NSF 245</td>
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Last Updated: 3/4/2020