**BEST AVAILABLE NITROGEN REMOVAL SYSTEM**

**REPRESENTATIVE WASTEWATER PROJECTS**  
**TOTAL NITROGEN (TN) < 5 mg/l**  
**AVERAGING 3 +/- mg/l**

<table>
<thead>
<tr>
<th>Project Location</th>
<th>Mean Total Nitrogen Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Massachusetts Alternative Septic System Test Center</td>
<td>5.1 mg/l</td>
</tr>
<tr>
<td>2. La Pine, Oregon Wastewater Project</td>
<td>2.4 mg/l</td>
</tr>
<tr>
<td>3. Mashpee, MA</td>
<td>3.5 mg/l</td>
</tr>
</tbody>
</table>

- **Mashpee, MA Residential & Commercial**  
  6,000 gpd

- **Harvard, MA Residential**  
  660 gpd

**GROUNDWATER TREATMENT**  
**NITRATE-N < 0.1 mg/l**

- Nitrex™ Permeable Reactive Barrier (PRB) installed below grade in the groundwater
- Systems in MA, RI, and Canada
- Tested by:  
  - University of Rhode Island  
  - Woods Hole Marine Biological Laboratory