### Drainfield Options for Three Bedroom Houses (450 gal/day)

**Scale:** 1 in = 50 ft

<table>
<thead>
<tr>
<th></th>
<th>Trenches</th>
<th>Flow Diffusers</th>
<th>Galleys</th>
<th>Elgen In-drains</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>0.5 ft Stone</strong></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td><strong>2 ft Stone</strong></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
<tr>
<td><strong>3.5 ft Stone</strong></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perc Rate 2-5 min/in</th>
<th>2 ft Stone</th>
<th>3 ft Stone</th>
<th>12 in Stone</th>
<th>24 in Stone</th>
<th>12 in Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perc Rate 20 min/in</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td>n/a</td>
</tr>
<tr>
<td>Perc Rate 40 min/in</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td>n/a</td>
</tr>
</tbody>
</table>

### Shallow Narrow Drainfields

<table>
<thead>
<tr>
<th></th>
<th>2.3 gal/sqft/day</th>
<th>3.7 gal/sqft/day</th>
<th>1.25 gal/sqft/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shallow Narrow Drainfields</td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
<td><img src="image" alt="" /></td>
</tr>
</tbody>
</table>

*Note: Scale has been modified*
<table>
<thead>
<tr>
<th></th>
<th>Trench 0.5 ft stone</th>
<th>Trench 2 ft stone</th>
<th>Trench 3.5 ft stone</th>
<th>Elgen In-drain</th>
<th>Galley 12 in stone</th>
<th>Galley 24 in stone</th>
<th>Flow Diffuser</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 g/d</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>45 g/d</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>75 g/d</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td>0</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>225 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>525 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>600 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>700 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>975 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>1000 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>1500 gal/day</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Note: Scale has been modified
Suitability for Conventional Onsite Wastewater Treatment
Soils and Lot Size - Three Bedroom Homes

Soil Type
- Wetland <1.5 ft. w.t., D Hydro group
  - Shallow Water Table (1.5-3.5 ft.)
    - Lot Size > 8,000 ft²
      - Small Mound
    - Lot Size < 8,000 ft², > 6,800 ft²
      - Large Mound
    - Lot Size < 6,800 ft²
      - Unsuitable
  - Deep Water Table (>6ft)
    - Lot Size > 8,000 ft²
      - Suitable
    - Lot Size < 8,000 ft², 6,800 ft²
      - Small Mound
    - Lot Size < 6,800 ft²
      - Unsuitable

- Slow Permeability, C Hydro group
  - Shallow Water Table (1.5-3.5 ft.)
    - Lot Size > 8,000 ft²
      - Small Mound
    - Lot Size < 8,000 ft², > 6,800 ft²
      - Large Mound
    - Lot Size < 6,800 ft²
      - Unsuitable
  - Deep Water Table (>6ft)
    - Lot Size > 8,000 ft²
      - Suitable
    - Lot Size < 8,000 ft², > 6,800 ft²
      - Small Mound
    - Lot Size < 6,800 ft²
      - Unsuitable

- Moderate Permeability, B Hydro group
  - Shallow Water Table (1.5-3.5 ft.)
    - Lot Size > 8,000 ft²
      - Small Mound
    - Lot Size < 8,000 ft², > 6,800 ft²
      - Large Mound
    - Lot Size < 6,800 ft²
      - Unsuitable
  - Deep Water Table (>6ft)
    - Lot Size > 8,000 ft²
      - Suitable
    - Lot Size < 8,000 ft², > 6,800 ft²
      - Small Mound
    - Lot Size < 6,800 ft²
      - Unsuitable

- Rapid Permeability, A Hydro group
  - Lot Size > 6,800 ft²
    - Suitable
  - Lot Size < 6,800 ft²
    - Unsuitable

Lot Size > 8,800 ft²
Lot Size < 6,800 ft²
Lot Size < 8,000 ft², > 6,800 ft²
Lot Size < 8,000 ft²
Lot Size < 6,800 ft²
Lot Size < 8,000 ft²
Lot Size < 6,800 ft²
Lot Size < 8,000 ft²
Lot Size < 6,800 ft²
Lot Size < 8,000 ft²
Lot Size < 6,800 ft²
Lot Size < 8,000 ft²
Lot Size < 6,800 ft²
Suitability for Conventional Onsite Wastewater Treatment
Soils and Lot Size – Two Family Homes

Soil Type

- Wetland <1.5 ft. w.t.
  - D Hydro group
    - Shallow Water Table (1.5-3.5 ft.)
      - Lot Size > 11,200 ft²
        - Small Mound
      - Lot Size < 11,200 ft², > 9,200 ft²
        - Large Mound
      - Lot Size < 9,200 ft²
        - Unsuitable

- Slow Permeability
  - C Hydro group
    - Deep Water Table (>6ft)
      - Lot Size > 11,200 ft²
        - Suitable
      - Lot Size < 11,200 ft², > 9,200 ft²
        - Small Mound
      - Lot Size < 9,200 ft²
        - Unsuitable

- Moderate Permeability
  - B Hydro group
    - Shallow Water Table (1.5-3.5 ft.)
      - Lot Size > 10,200 ft²
        - Small Mound
      - Lot Size < 11,200 ft², > 9,200 ft²
        - Large Mound
      - Lot Size < 9,200 ft²
        - Unsuitable

- Rapid Permeability
  - A Hydro group
    - Deep Water Table (>6ft)
      - Lot Size > 10,200 ft²
        - Suitable
      - Lot Size < 10,200 ft², > 9,200 ft²
        - Small Mound
      - Lot Size < 9,200 ft²
        - Unsuitable

- Lot Size > 8,300 ft²
  - Suitable
- Lot Size < 8,300 ft²
  - Unsuitable
- Lot Size > 10,200 ft²
  - Suitable
- Lot Size < 10,200 ft², > 9,200 ft²
  - Small Mound
- Lot Size < 9,200 ft²
  - Unsuitable
- Lot Size > 11,200 ft²
  - Small Mound
- Lot Size < 11,200 ft², > 9,200 ft²
  - Large Mound
- Lot Size < 9,200 ft²
  - Unsuitable