TYPICAL MUNICIPAL WELL CONSTRUCTION

DEPTHs AND HYDROGEOLOGY ARE TYPICAL FOR SOUTHEAST FLORIDA

SURFICIAL AQUIFER
Base of Potable Water

CONFINING ZONE

Casing

Cement

PERMEABLE ZONE
NOT ALWAYS PRESENT

UPPER FLORIDAN AQUIFER
PERMEABLE AND CONFINING ZONES

Base of USDW

CONFINING ZONE

PERMEABLE ZONE

PRIMARY CONFINING UNIT

INJECTION ZONE

Open Hole

Injection monitor
<table>
<thead>
<tr>
<th>Casing</th>
<th>Outside Diameter</th>
<th>Wall Thickness</th>
<th>Typical Length</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>52-inch</td>
<td>3/8-inch</td>
<td>100-250 ft.</td>
<td>Steel</td>
</tr>
<tr>
<td>Shallow Intermediate</td>
<td>42-inch</td>
<td>3/8-inch</td>
<td>900-1000 ft.</td>
<td>Steel</td>
</tr>
<tr>
<td>Deep Intermediate*</td>
<td>34-inch</td>
<td>3/8-inch</td>
<td>1500-2100 ft.</td>
<td>Steel</td>
</tr>
<tr>
<td>Injection</td>
<td>24-inch</td>
<td>1/2-inch</td>
<td>2400-3000 ft.</td>
<td>Seamless Steel</td>
</tr>
</tbody>
</table>

*The deep intermediate casing is set below the base of the lowermost underground source of drinking water. Casing depths apply only to southeast Florida.