

# Vacation Resort Pool

## Sevierville, TN



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>Pool constructed on fill materials.</li> <li>Pool had cracked and leaked, saturating the fill materials and accelerating the settlement.</li> <li>Customer experienced a slope failure behind the pool a few months before treatment.</li> </ul>	<ul style="list-style-type: none"> <li>Fill voids and increase bearing capacity at pool and stabilize slope behind pool</li> <li>Use the <b>URETEK Deep Injection® Process</b> to increase the bearing capacity of the fill materials below the pool and to create a curtain wall of stabilized soils behind the pool.</li> <li>Use the <b>URETEK Method</b> to fill voids directly below the pool slab.</li> </ul>	<ul style="list-style-type: none"> <li>Preliminary concept discussions and budgeting provided to engineering firm.</li> <li>Contract directly with customer, while also coordinating with engineer, pool contractor, and corporate level management.</li> </ul>	<ul style="list-style-type: none"> <li><b>Ahead of Schedule:</b> Work performed in eight days versus 10-day contract term, despite utility location issues.</li> <li><b>Foundation Soils Strengthened:</b> The operation increased bearing capacity and stabilized the soils.</li> <li><b>5% Under Budget</b></li> </ul>