

City of Dunlap – I&I Mitigation

Dunlap, TN



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Excessive groundwater inflow identified at two pump stations and a manhole High water table throughout much of the system. One pipe collar had 100+ GPM of groundwater inflow 	<ul style="list-style-type: none"> Seal leaking pipe collars and cracks. Use the URETEK Deep Injection® Process to place material into the soils around the structure, at specific depths, to seal the leak from the outside Use the URETEK Method to place material directly through the structure walls and/or bases where it then reacts, expands, and seals the leaks. . 	<ul style="list-style-type: none"> Public Works Director attended URETEK technical presentation. URETEK provided case studies from similar projects. Pre-estimate site visit to evaluate magnitude of I&I issues and plan logistics. 	<ul style="list-style-type: none"> Fast Repair: Work performed in 3 structures in ½ a day. Inflow Mitigation: The operation successfully stopped groundwater inflow at all 3 structures Minimally Invasive: No excavation or bypass pumping required for this operation