

Water Treatment Facility

Waverly, TN



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Leaking berm at Wastewater Lagoon Visible water running down berm Discharge pipes and manholes leaking 	<ul style="list-style-type: none"> Inject URETEK polyurethane through manhole to seal Deep Injection Process along rim of lagoon at engineered locations and depths for 40' to displace water, fill voids and stabilize berm soil without compromising clay liner 	<ul style="list-style-type: none"> Pre-Estimate Meeting with City of Waverly and Jacobs Engineering (EOR) Self-performed DCP Tests Designed injection quantity and depth Pre-construction meeting On-site installation 	<ul style="list-style-type: none"> Minimal intrusion: Work performed in 1.5 days with no excavation Manhole Sealing: Provided Positive Side Seal Soils stabilized: Soils stabilized to prevent future seepage and stability hazards