## Project Challenges

- 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

## Solution

- **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.

## Support

- 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.

## Outcome

- **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