

We are your local expert on all repairs using structural, polyurethane resins.

INFILTRATION AND INFLOW REPAIR

By definition, Infiltration/Inflow occurs when ground water seeps into sewer pipes through cracks, leaky joints, and/or manholes. Infiltration and inflow are unique in that they can be the cause and the effect of failed/failing infrastructure. Aging and failing infrastructure can cause issues in several different areas.

So, why is groundwater infiltration a bad thing?

- **Treating Unnecessary Water** - When paying to treat your wastewater, don't you want to make sure you aren't treating more than your share? Extra water in your treatment plant means extra charges to your treatment bill.
- **Unsafe and Unsightly Sinkholes** - As water infiltrates joints, 10 times out of 10 it will bring soil with it. As soil is pulled through the joint, the soil surrounding that new void collapses to take its place and the vicious cycle continues until you have a sinkhole. Sometimes these are small and sometimes they are rather large. Either way, they are unsightly, dangerous, and cause headaches in more ways than one.

Infiltration and inflow can be caused from aging infrastructure as well as poor or failed construction. Either way, polyurethane resins are a superior choice if you want less downtime and a permanent fix. Not only can they seal off active leaks, but they can stabilize weak soil and fill voids that surround leaking infrastructure. We are fortunate to have a stable of polyurethanes in the hydrophobic and hydrophilic families which allows us to tackle any form of infrastructure repair (active leak, old leak, high flow, trickle, moving joints).

BENEFITS:

- No excavation
- Minimal On-site Footprint
- Less Downtime
- High or Low Flow Sealing

COMMON USES:

- Pipe Joints
- Storm drain inlets
- Clearwells
- Concrete drainage spillways
- Man holes
- Pre-Cast basins and culverts

