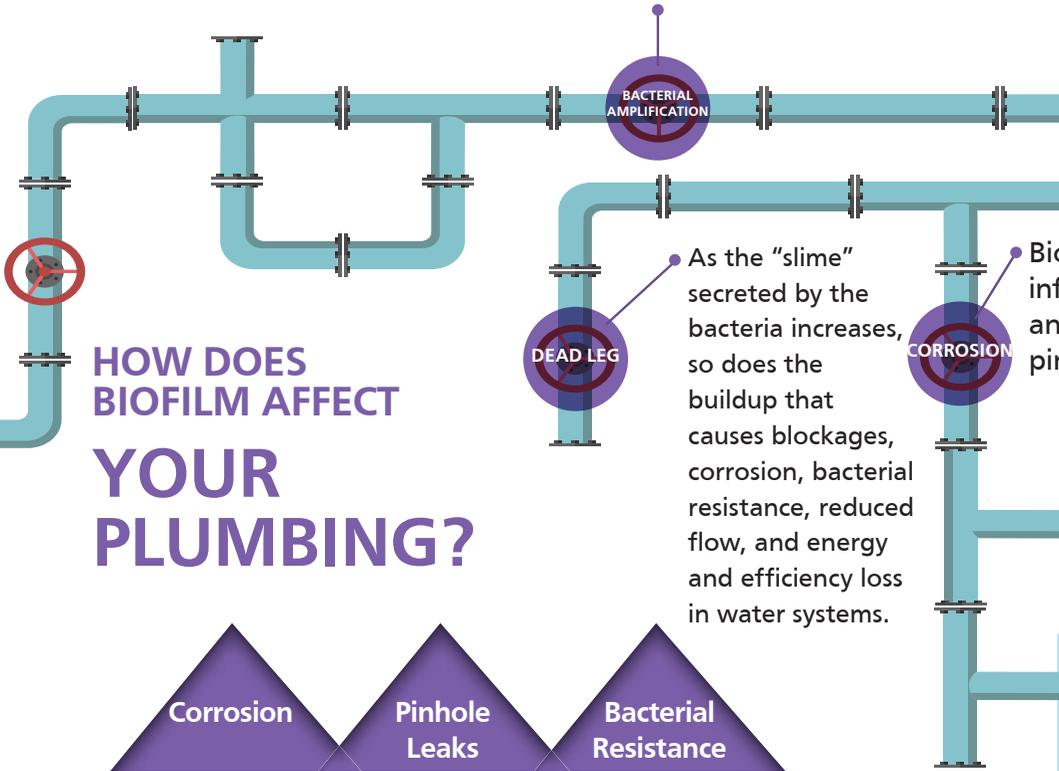


Biofilm is a big ugly problem

But it is Simple to Solve

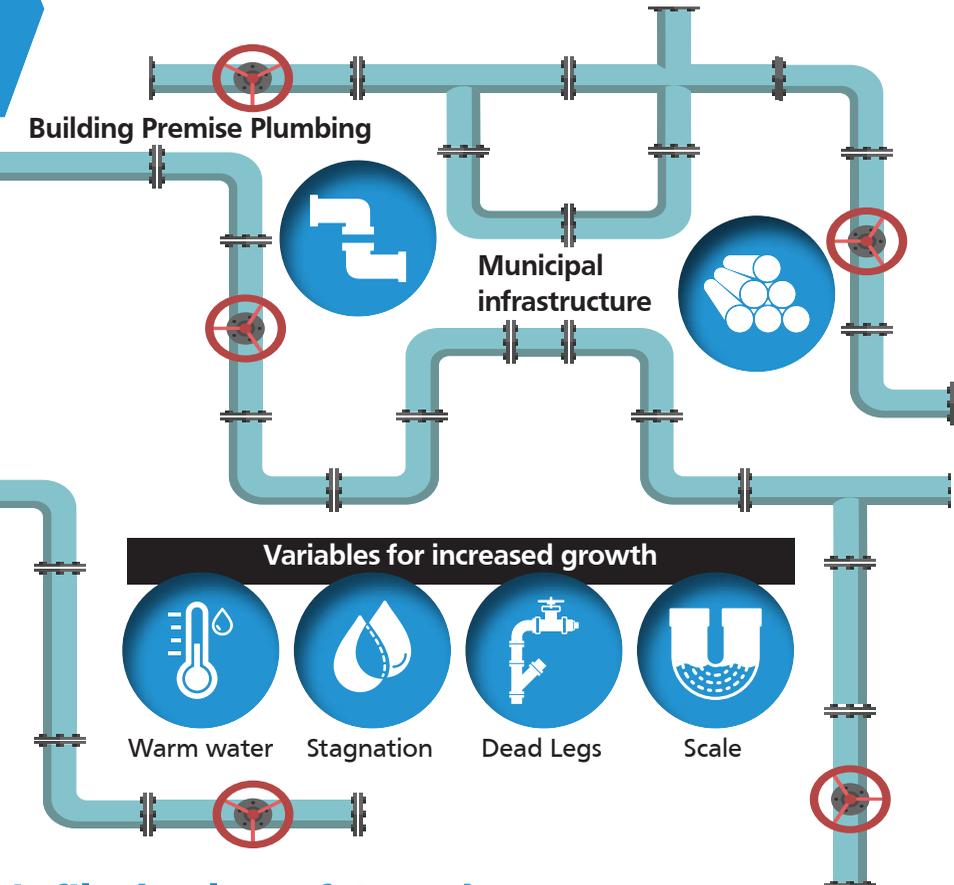
Common areas for biofilm growth

Biofilm acts as an ideal breeding ground for bacteria and dangerous pathogens



As the "slime" secreted by the bacteria increases, so does the buildup that causes blockages, corrosion, bacterial resistance, reduced flow, and energy and efficiency loss in water systems.

Biofilm deposits can influence corrosion and lead to costly pinhole leaks



Biofilm's Plan of Attack

Surface Attachment | Biofilm Formation
 Established Biofilm | Legionella Amplification | Biofilm Propagation

What works?

- Copper Silver Ionization
- Numerous scientific studies have proven copper silver to be effective in reducing pathogens and biofilm
- Copper silver has been shown to reduce biofilm in dead legs
- Penetrates biofilm
- Eradicates organisms living in biofilm
- Creates a safer water distribution system
- Decreases biofilm risk

What doesn't work?

- Disinfectants – chlorine, chloramine
- Chlorine dioxide has been shown to proliferate biofilm
- Heat and flush
- Biofilm bacteria display a resistance to biocides that may be considered stunning.

BIOFILM PREVENTION

- Monitor all areas where water is stagnant with regular **WATER TESTING** for bacteria
- Utilize **EFFECTIVE AND NON-CORROSIVE TECHNOLOGY** for controlling bacteria
- Implement **WATER FILTRATION**

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