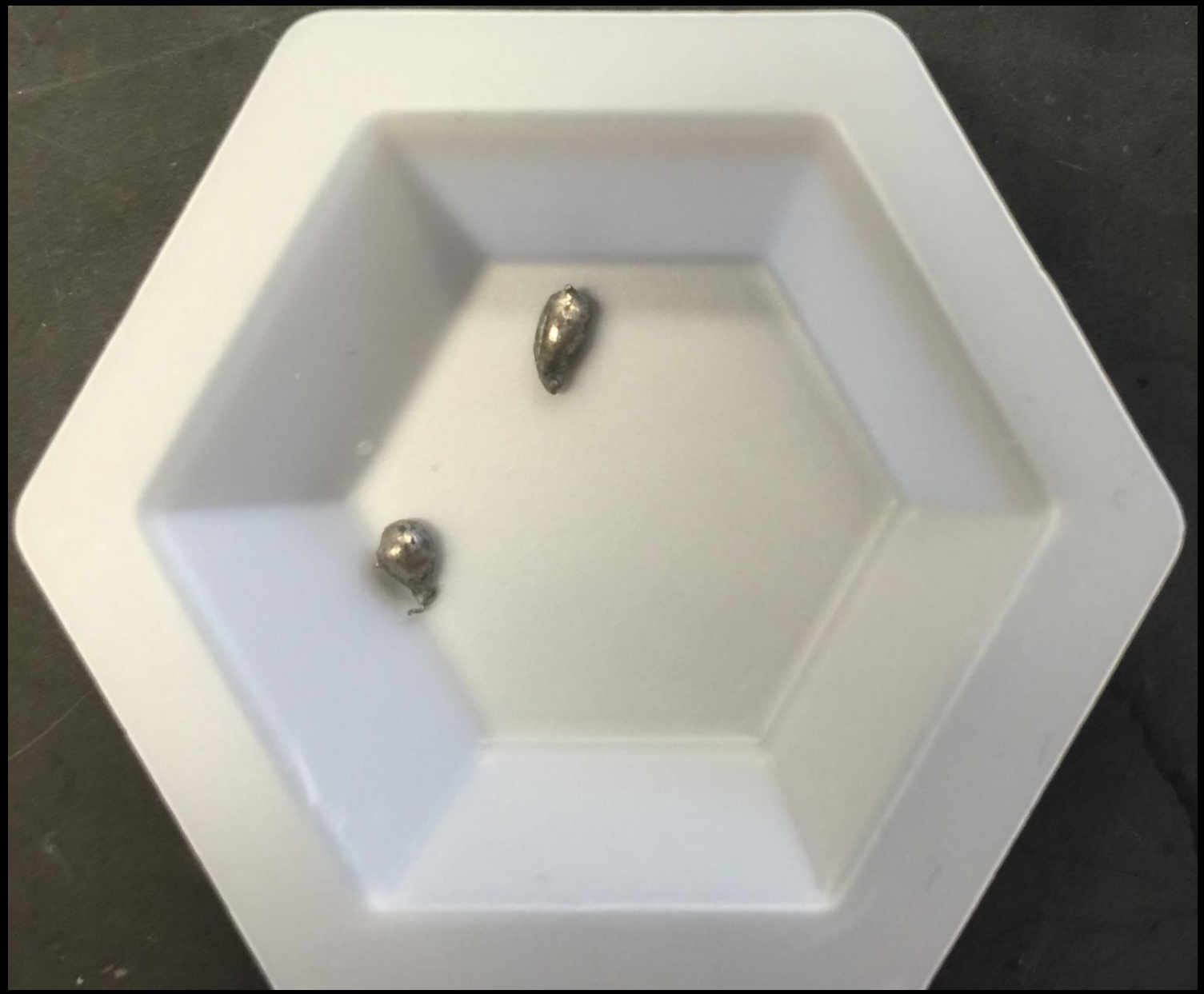
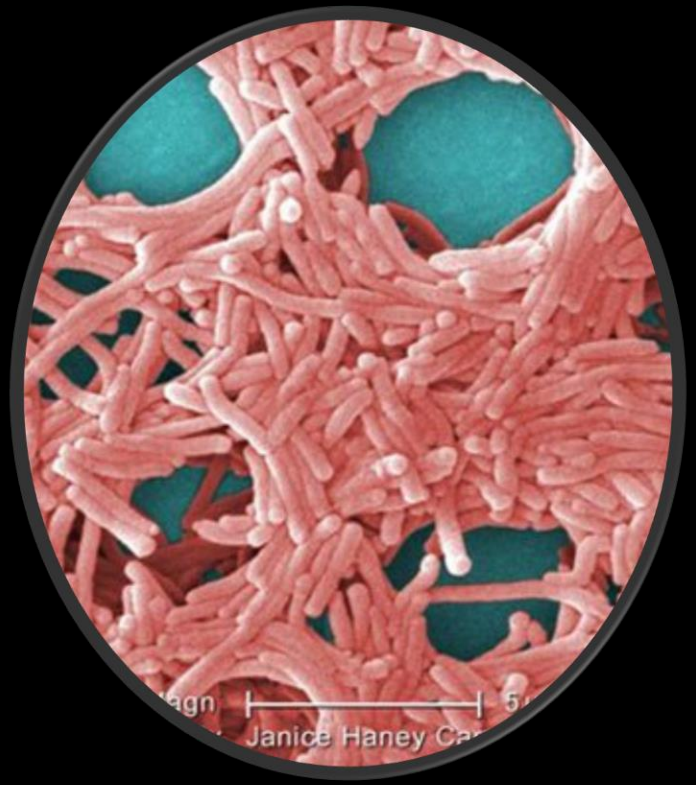
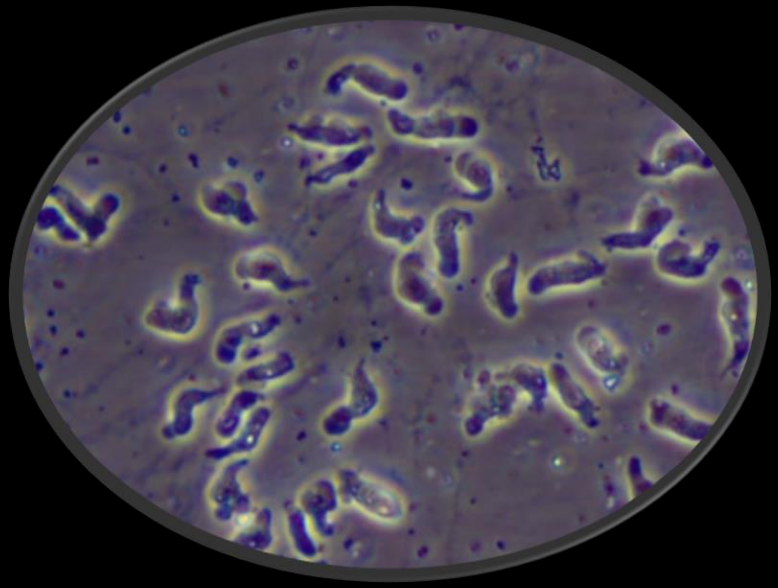

A.O. Smith
EnergySaver
ENERGYGUIDE




Janice Haney Ca



Building Water Use has Been Declining

Water Use Energy Policy Act of 1992

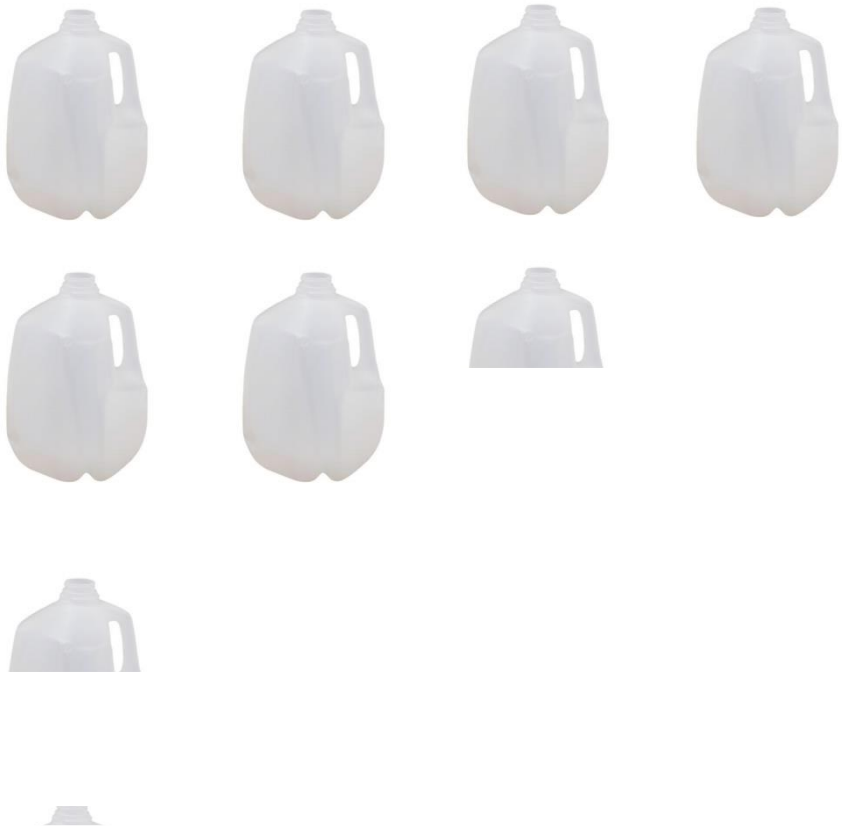
Water Use has Decreased From Lower-Flow Faucets

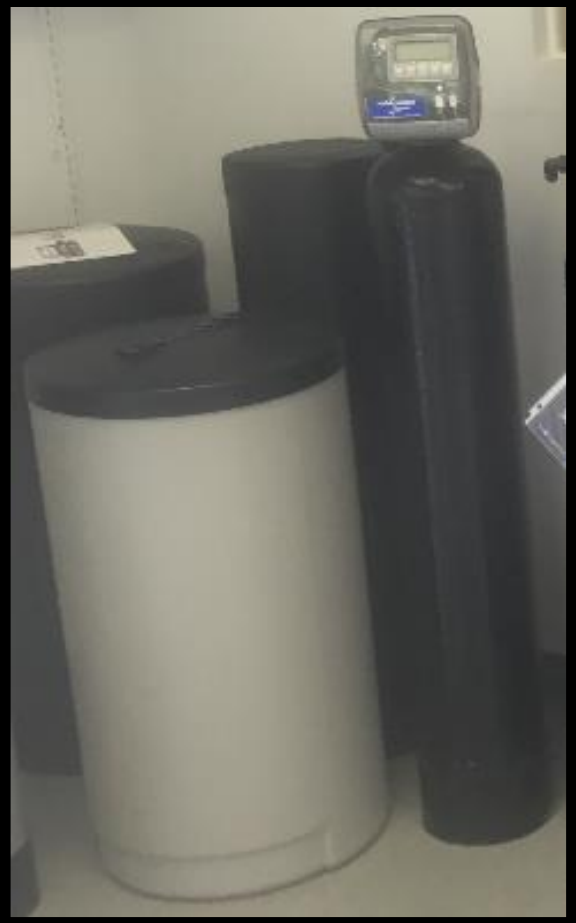
Pre-1994 (4^{+} gpm)

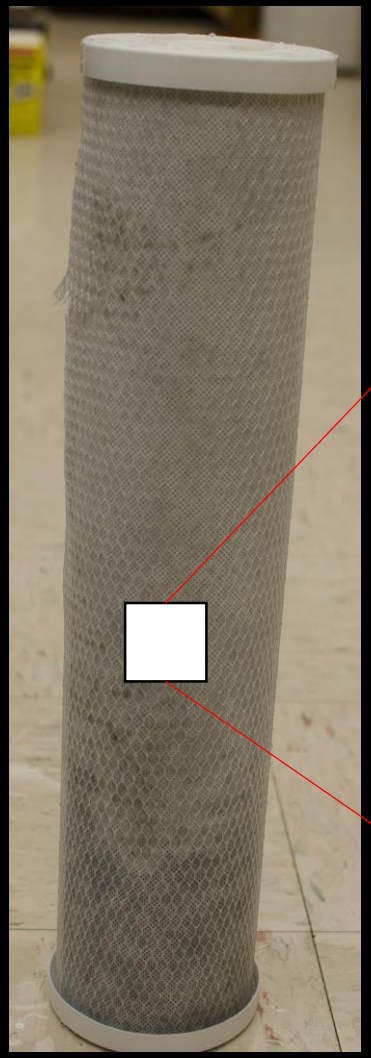
1994 (2.5 gpm)

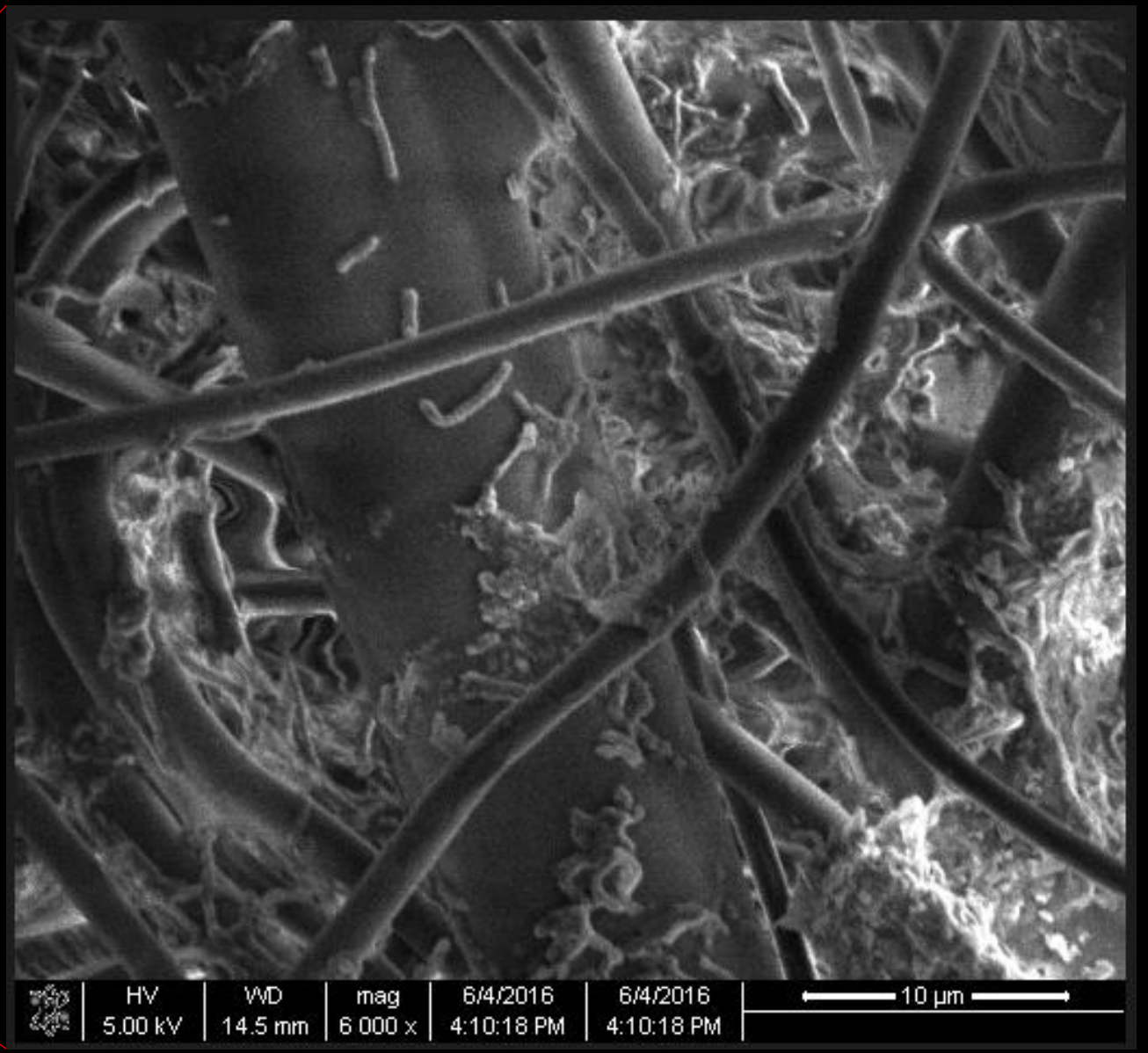
2015 (0.5 gpm)

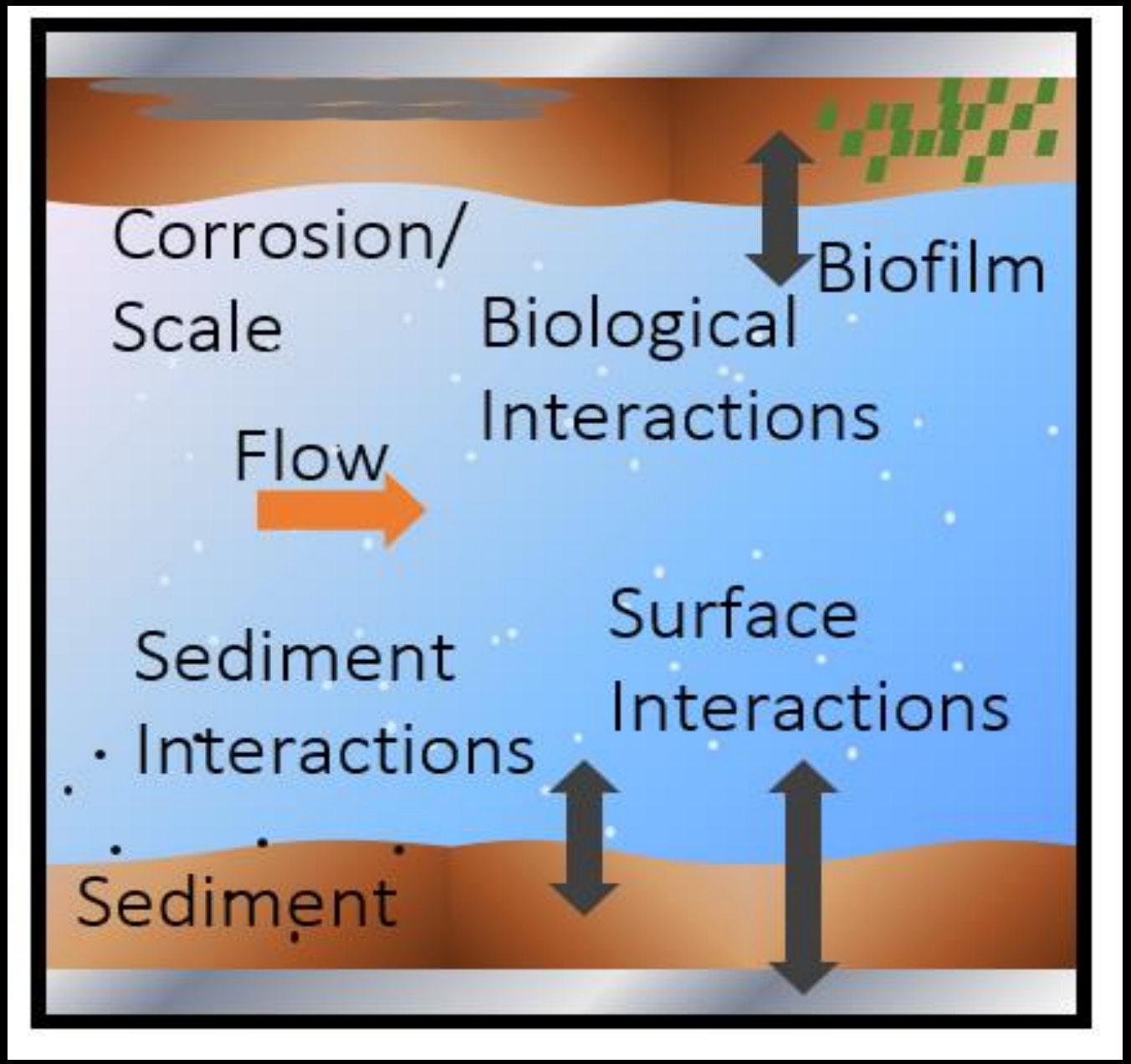
2016? (0.01 gpm)

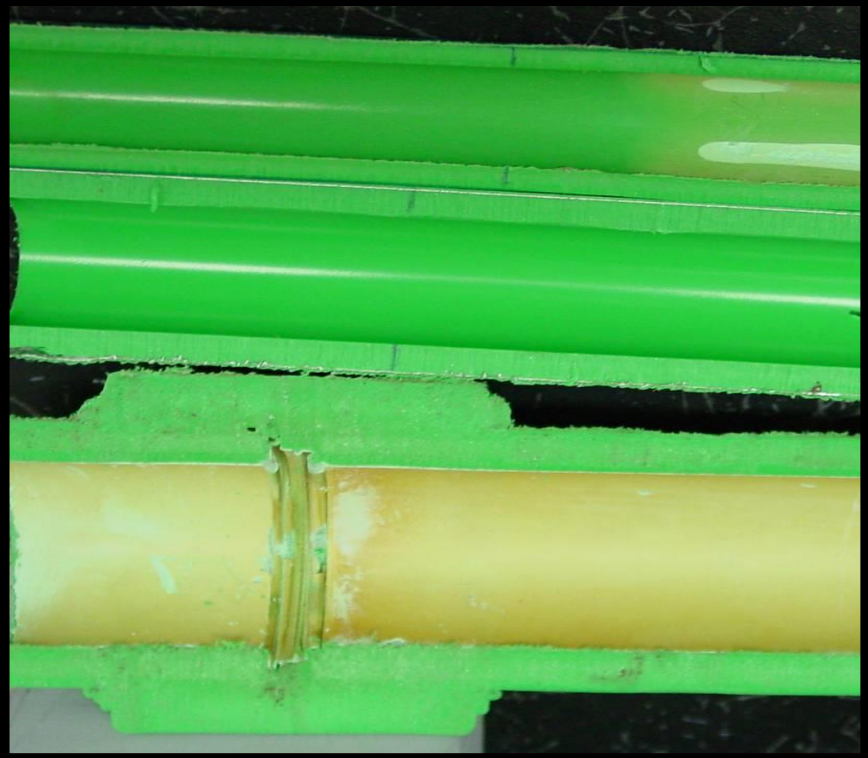


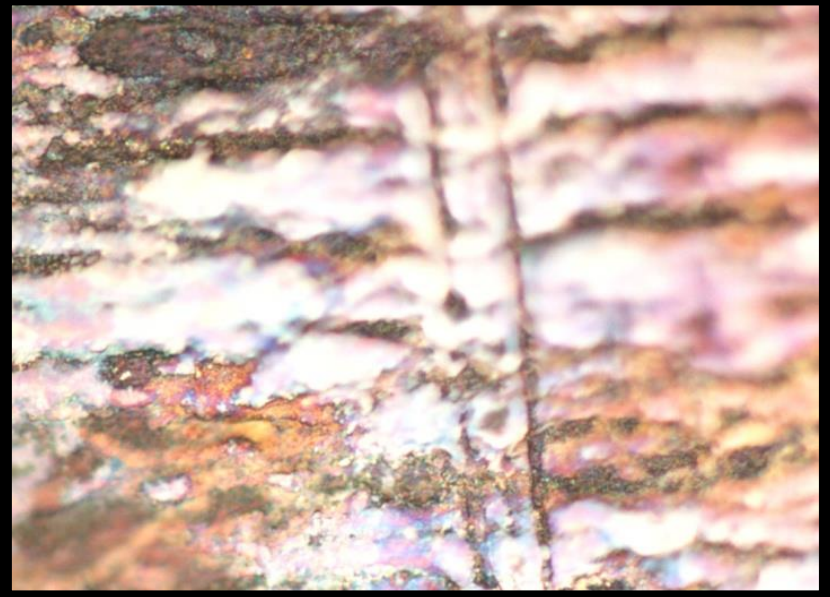


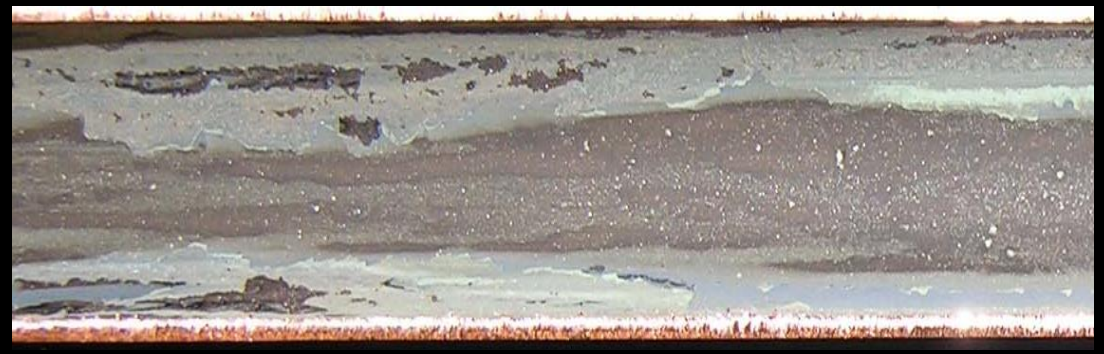



HV
5.00 kV
WD
14.5 mm
mag
6 000 x
6/4/2016
4:10:18 PM
6/4/2016
4:10:18 PM
10 µm


Corrosion/
Scale
Biofilm
Biological
Interactions
Flow
Surface
Interactions
Sediment
Interactions
Sediment








ASTM D-1785


DELTA
SENSORI
CUSTOM SHOWER SYSTEM
RonBow
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FLOOR HEATING SYSTEMS
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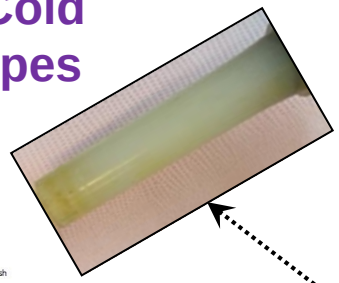
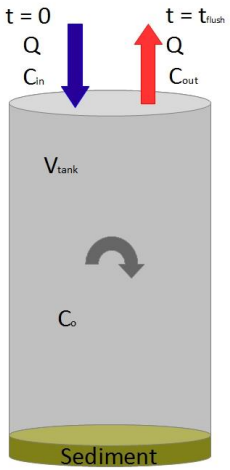
Metals and Plastics

Fixtures and Aerators

Hot vs. Cold Water Pipes

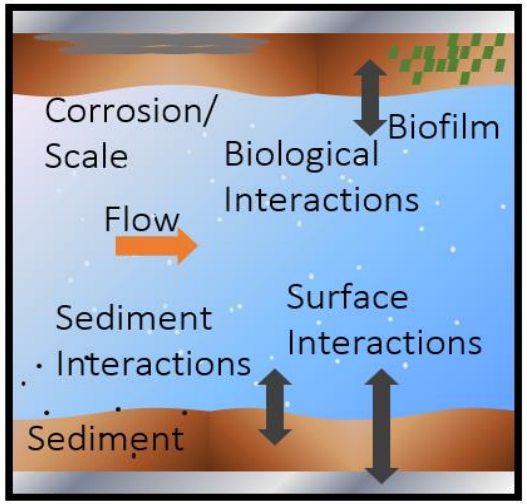


POU Devices

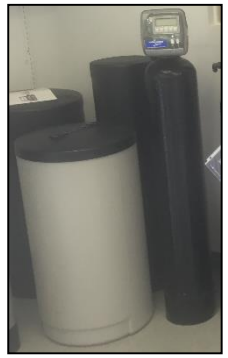


Water Heater

Corrosion Products



Habitat



Water Softener

Whole House Filter

Service Lines

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News

WLFI-TV: Purdue researchers work to boost drinking water safety

Project focuses on reducing pathogen threat in low-flow water systems

Low-flow building water systems designed to conserve water pose potential health hazards because they may cause an increase in disease-causing organisms and harmful chemicals. A new EPA-funded project led by Purdue University strives to help solve the problem.

All News...

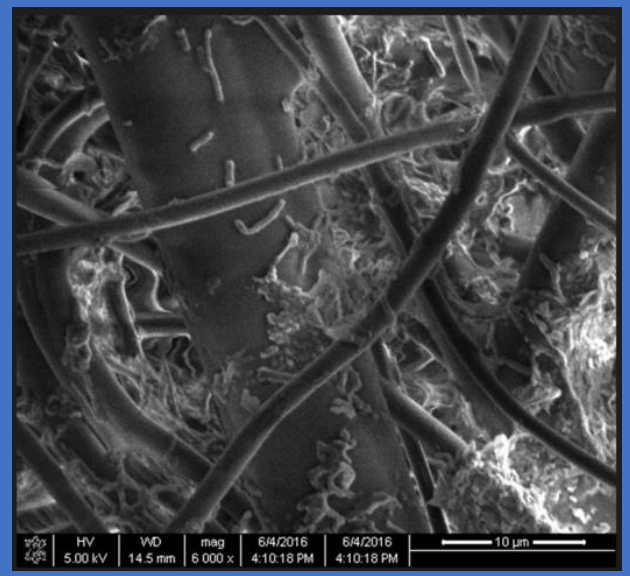
Visit:
"Why is our Plumbing Harming Us?"
On YouTube.com

Center for Plumbing Safety

In 2016, the U.S. government provided our multi-university team a $1,989,000 grant to initiate this project in addition to $1,100,000 contributed by our research partners. This project involves organizations from the building construction, plumbing, water utility, education, and public health sectors and input from homeowners and representatives from the general public. Together, we are working to understand how to make certain the water you use at home, at work, and schools is safe. The title of the project is "Right Sizing Tomorrow's Water Systems for Efficiency, Sustainability, and Public Health".

This website will be evolving as the project team gets started in 2017. Stay tuned for additional details.

Right Sizing Tomorrow's Water Systems for Efficiency, Sustainability, & Public Health



Andrew Whelton (PI), Jade Mitchell, Janice Beecher, Joan Rose, Juneseok Lee, Pouyan Nejadhashemi, Erin Dreelin, Tiong Gim Aw, Amisha Shah, Matt Syal, Maryam Salehi

PURDUE UNIVERSITY

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