Dirty Water vs. Clean Water….

Critical Flushing Techniques for New Building Connections

Russell V. Buras
President
PurgeRite.com
Lamborghini Veneno – $ 4.5M
District Plant Distribution
Piping and New Building Connections
A Proper Flush Operation involves moving water at a high volume and velocity, plus filtration to remove damaging debris and particulates.

Chemical cleaning is also involved with steel piping.

Without a proper flush, or cleaning, we take a **SIGNIFICANT** chance of damage and lack of efficiency.

Energy & Maintenance savings lost!
“Rid system of Rust, Dirt, Piping Compound, Mill Scale, Oil, Grease, any and all other material foreign to water being circulated.”
Self-Contained Flush Units
OR
Modular Set-ups with pumps
In-Line, Full Flow Filtration
Memorial Hermann – Texas Medical Center

- 1st Hospital
- $650 million expansion
- District Cooling via Thermal Energy Corp. District Plant
2 Flushes

Flush #1 – 24” underground portion
Flush #2 – the Meter Loop

(System Volume for both = 55,000 gallons)
Minimum 3’/sec, rinsed 3 times in 8 hours

Restrictive Water Supply and Discharge (500 GPM max) to meet flush specifications

Work space limitations & environment
Problem SOLVED

- Building Loading Dock
- 10 Certified Cleaned Frac tanks – Supply (190,000 gals)
- 4 Frac Tanks – Discharge (84,000 gals)
**Phases for Flushing**

#1 – System Fill  
#2 – Clear Water Flush  
#3 – Passivation Process (Min. 24 hrs)  
#4 – Chemical Dilution / Rinse  

Place online immediately or provide for circulation
Don’t compromise your plant.
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