

# Municipal Pipe Lining Project Utilizing Flow-Liner®

## Louisville and Jefferson County Metropolitan Sewer District



Treatment Plant Construction



Flow-Liner® Being Steamed Cured



Entrance to Existing Steel Pipe

### HISTORY: MSD's Continuous Use of New Technologies



1960's Pipe Camera



1970's Water Treatment Computer



21<sup>st</sup> Century Pipe Lining

**Problem:** The General Contractor and MSD needed a non-invasive option to rehabilitate an existing 150ft. 8 inch steel sewer pipe that was part of a large sewer treatment plant renovation project.

**Issues:** The MSD did not want the newly renovated treatment plant and other underground utilities disturbed. The contractor was also on a tight time frame with completing the project.

**Solution:** A Certified Flow-Liner® Installer will line the existing pipe utilizing Flow-Liner's Pre-Wet-Out (PWO) liner. The PWO-Liner will be shipped to the project site impregnated with resin, then steam cured for time saving efficiency.

**Result:** The 150ft. of 8 inch drainage pipe was lined successfully and the curing time was less than 3 hours. The contractor and MSD were very happy with the Flow-Liner® result and the time saving efficiency. Flow-Liner® received a letter from the Project Engineer stating "we were very impressed and pleased with the Flow-Liner installation. The pipe lining saved us from digging up the pipe and disturbing buried utilities, we would certainly use Flow-Liner for future projects."

Before Picture of existing 8" steel drain pipe



After Picture of steel pipe lined with Flow-Liner®



**Flow-Liner® is pleased to announce another successful project and add**



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**To our List of Happy Satisfied Customers**