

2007 National Pretreatment & Pollution Prevention Workshop

The Critical Role for Pretreatment in Meeting
the Nation's Infrastructure Needs

Multi-City FOG Group

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Overview

The Problem

The Goal

The Approach Used

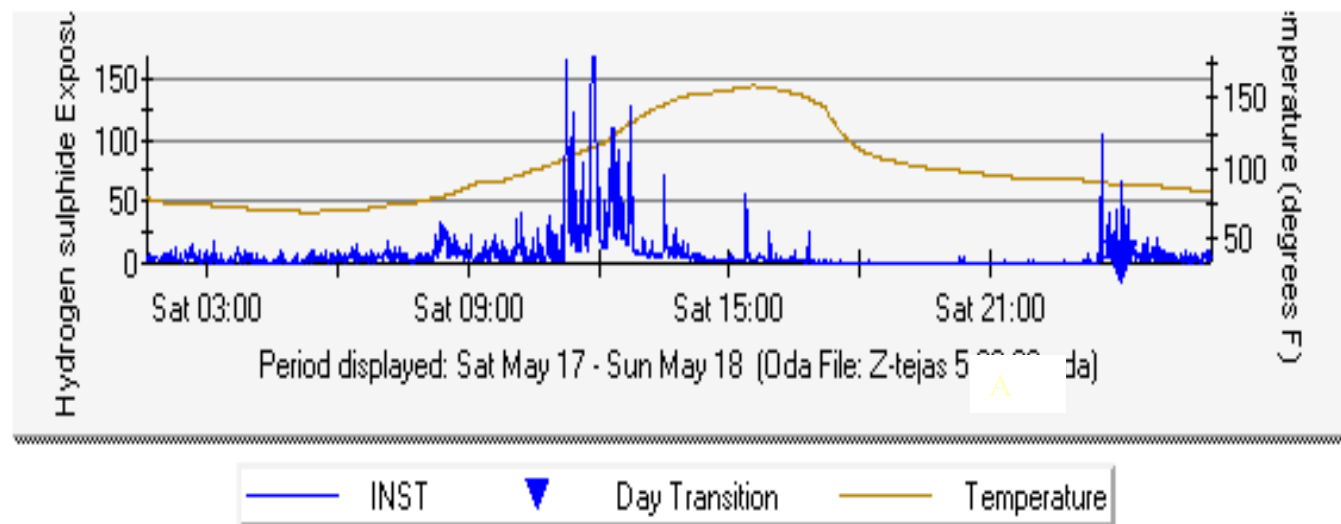
The Problem



The Problem

Odors

H₂S from FOG Source (OdaLog: OL04081602)



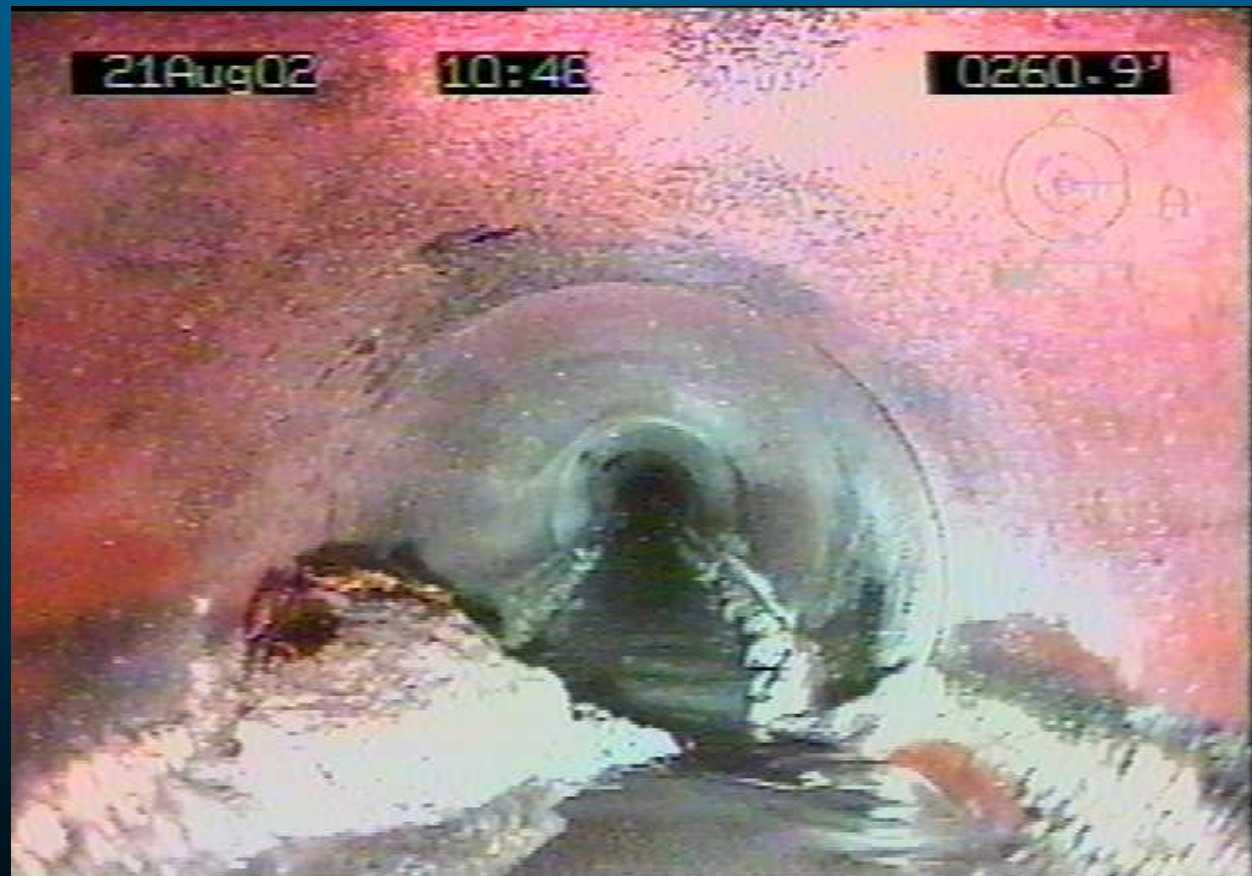
The Problem

Increased Cost of Service



The Problem

Pest Infestation



The Problem

Employee Exposure Possible



The Problem

Public Exposure Possible



The Problem

Environmental Exposure Possible - i.e., Storm Water!



The Problem

Damage to Infrastructure - i.e., Corrosion!



The Goal

Reduction in:

Employee Exposure

Public Exposure

Odors

Liability

Utility Cost

The Approach

Cooperation!

Multi-City.org

<http://www.multi-city.org>

The Approach

Multi-City.org Goal

The goal of the Multi-City FOG Group (MCFG) is to reduce the amount of fats, oils, and grease that enter the sanitary sewer system(s)

The Approach

Multi-City.org Goal

Inclusion

Include all who work for the commercial food establishments (CFE), the regulatory community, and service industry in the establishment of the criteria, documents, and guidelines to be used

The Approach

Multi-City.org Goal

Inclusion

Public Agency Members

City of Avondale, City of Casa Grande, City of Chandler, City of El Mirage, City of Glendale
City of Goodyear, City of Mesa, City of Peoria, City of Phoenix, City of Scottsdale, City of Surprise
City of Tempe, City of Tolleson, City of Youngstown, Town of Buckeye, Town of Gilbert, Town of Queen Creek

County Members Maricopa County Environmental Services

State of Arizona Members ADEQ State Pretreatment Coordinator

Educational Members Gateway Community College - Water Resources Technology Program

Sewer Districts Fountain Hills, [Superstition Mountains C.F.D # 1](#)

Nonhazardous Liquid Waste Haulers

A-1 Restaurant Services, AAA A-Jax Pumping, Affordable Sewer & Drain, American Pumping Service Inc., Ancon Service Company, Cartright's Drain Service Inc., Cooper's Sewer & Drain Inc., Ecology Control Industries, Ideal Trenching & Septic, Fernando's Pumping, Fred's Pumping Service, Liquid Environmental Solutions, PSC / Phillips Corp., Red J Environmental, Roto-Rooter Service & Plumbing, Vets Plumbing & Pumping

Treatment Facilities, A-Jax Pumping, Liquid Environmental Solutions

The Approach

Multi-City.org Goal

Commonality

Establish sizing requirements, inspection forms, cleaning requirements, and proper disposal requirements that are uniform across the service area.

The Approach

Multi-City.org Goal

Consistency

Develop consistent guidelines, rules, and policy along with effective enforcement responses that are fair to the CFE and the service industry who work for CFE

The Approach

Multi-City.org Goal

Education

Develop education for the CFE, service industry, and residents to make them knowledgeable of best management practices (BMP) that are inexpensive to implement and effective