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

Treatment Facilities, AJax 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.