

## Utility Services Division Performance Objectives

The following performance objectives were established for the Utility Services Division for the Sewer Collections System for FY 2008-2009.

Complete monthly, quarterly, semi-annual, and annual routine maintenance work as scheduled 95% of the time.

Provide for the health and safety of the citizens of Lancaster through proper maintenance of the sewer collection system.

Respond to and report all public Sanitary Sewer Overflows (SSO) in accordance with WDR.

Respond to citizen concerns within 24 hours of receiving notification for general issues and within 2 hours for emergency issues.

Train staff to CWEA Sewer Collection System Technician Certification Requirement.

Provide an Annual Sewer Collection System Report to City Council.



### Goal:

The City's goal is to provide the residents of Lancaster the best possible service at the most economical cost. By reporting vandalism, Sanitary Sewer Overflows (SSO) and by properly disposing of fats, oils and grease (FOG), citizens can assist in keeping service up and costs down.

### Sanitary Sewer Overflows

SSO pose a health risk to the public and must be immediately addressed. Such overflows can be costly to the City, as they may result in state and federal fines as well as additional man-hours. Blockages impede scheduled maintenance efforts and require maintenance crews to take strenuous steps in order to clear, clean, and disinfect the area to protect public health.

### FOG

FOG is a combination of fats, oils and grease used in food processing and in preparation of meals. FOG bearing materials, among others, include: cooking oil, fat, lard, grease, butter, tallow, shortening and margarine. During food preparation, meats such as beef, pork, lamb, poultry, and seafood also generate FOG. Kitchen waste containing these materials, as well as water that has been used to wash kitchen equipment and floors, contains waste FOG. FOG does not belong in the sewer system as it is a major contributor to SSO.

### No Drugs Down the Drain

Please do not dispose of medications or other drugs in the sewer system. They can be properly disposed of at:

Antelope Valley Environmental  
Collection Center  
1200 West City Ranch Road  
Palmdale, CA 93551  
(888) 253-2652



### You Can Help

Please report vandalism, FOG violations, suspicious activity around manholes, spills or strong sewage odors to the City at (661) 723-5985 during regular business hours or (661) 810-7000 after hours.



# 2008-2009 Sanitary Sewer System First Annual Performance Report

August 2009

# 2008-2009 Sanitary Sewer System Annual Performance Report

**Purpose:** This is the first annual sanitary sewer system performance report relating to the operations and maintenance (O&M) of the Lancaster Sewer Collections System. This report is intended to provide pertinent information on the O&M of the system during the previous fiscal year.

**Background:** The City assumed responsibility for the O&M of its sanitary sewer system from the County of Los Angeles Consolidated Sewer Maintenance District on July 1, 2008, believing that local control of the system was in the best interest of its residents.

The Public Works Department Utility Services Division is responsible for O&M of the system.

On July 1, 2008, the system consisted of approximately 325 miles of various sized sewer mains, 7,450 manholes and a single lift station. On June 30, 2009, the system consists of approximately 390 miles of various sized sewer mains, 8,312 manholes and a single lift station.

This indicates a 20% increase in the size of the system the first year.

The sewer mains range in age from 1 to 50+ years old with an average age of 29 years old.



**Accomplishments:** During the reporting period the Utility Services Division has accomplished the following :

*Hired Staff including:* 1 Public Works Supervisor, 1 Lead Utility Maintenance Worker, 2 Utility Maintenance Worker II, and 5 Utility Maintenance Worker I

*Purchased Equipment including:* 1 Hydro Vactor, 1 Mechanical Rodder, 2 Utility Bed Trucks, 2 Pickup Trucks, 1 Small CCTV Camera, and various small tools such as: pumps, nozzles, bars, and other hand tools.

*Training:* Staff received training in various areas of responsibility including: Sewer cleaning methods and tools, emergency response to sewer spills, confined space awareness and processes, pump station maintenance, First Aid and CPR, job site safety and defensive driving, and California Water Environment Association (CWEA) specific training for passing Grades I, II and III as appropriate for the position held and other training provided through the City.

*Certification:* All staff prepared for and passed the required CWEA test appropriate for their positions: 5 CWEA Grade I, 3 CWEA Grade II, and 1 CWEA Grade III

*Rules and Regulations:* Staff prepared and City approved or adopted as necessary the following ordinances, resolutions, and documents to allow for the proper O&M of the sewer system:

- \*Sanitary Sewer and Industrial Waste Ordinance
- \*Fats, Oils and Grease (FOG) Ordinance
- \*Sewer System Management Plan
- \*State Waste Discharge Requirements
- \*Levy of Sewer Service Charge for 2009-2010
- \*Confined Space Program Policy and Manual

**Performance:** Staff provided the following O&M services to the citizens of Lancaster. Note 99% of the work accomplished by the Utility Maintenance Crews was Preventative Maintenance (PM) work.

Sewer System Performance		7/1/08 to 6/30/09
<i>Pipe Cleaning</i>		
Flushing		
Planned Maintenance		76.3 mi
Unplanned Maintenance		0.79 mi
Root Cut		
Planned Maintenance		66 mi
Unplanned Maintenance		0.26 mi
Percent of Planned to Unplanned Maintenance		99%
<i>CCTV Inspection</i>		3.31 mi
<i>Manholes</i>		
Inspected		3771 ea
Repaired/Raised to Grade		36 ea
<i>Number of Public SSO Events</i>		5
SSO Rate, SSOs/100 Mi/Yr		1.28
Portion of SSO Contained		95%
Portion of SSO to Surface Waters		0%
<i>SSO Causes</i>		
Grease		80%
Vandalism		20%

Utility Services Manager assumed the additional responsibilities of Confined Space Program Manager and FOG Control Program Manager during the course of the reporting period.