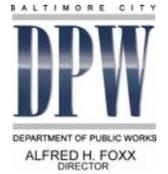




# THE BALTIMORE CITY WET-WEATHER PROGRAM



Joining a growing list of municipalities, the City of Baltimore, Department of Public Works (DPW), Bureau of Water and Wastewater, is faced with an Environmental Consent Decree to address sanitary and combined sewer overflows. For the purpose of maintaining public and environmental health, the Consent Decree compliments the ongoing efforts made by the City to address these issues and upgrade its wastewater collection system. The improvements made to the wastewater collection system will ultimately protect Baltimore's harbor, Maryland's streams, the Chesapeake Bay and the property of the citizens of Baltimore.



## CONSENT DECREE SUMMARY

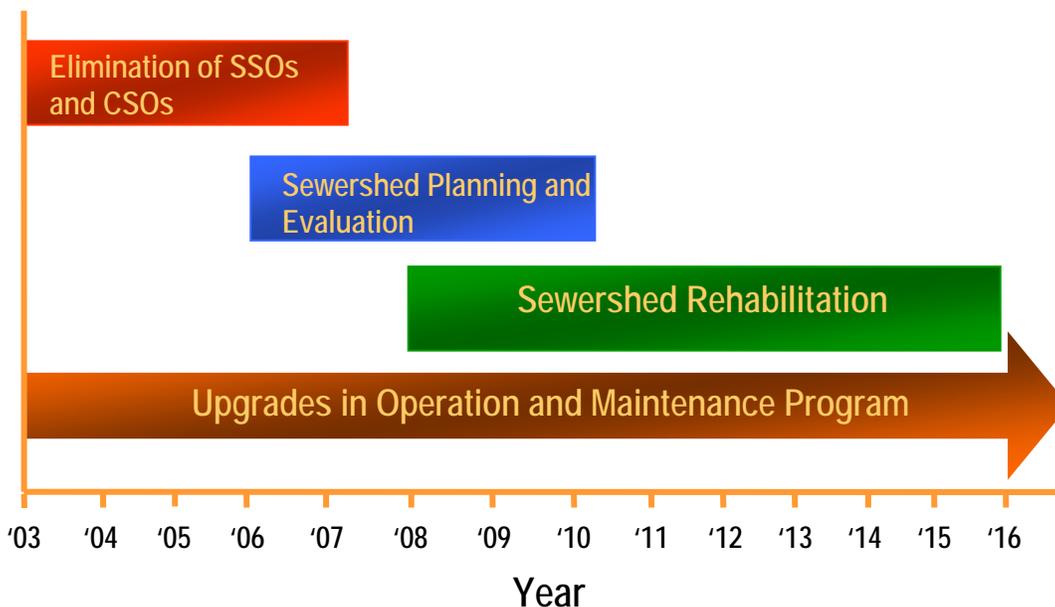
**Date of Entry:** September 30, 2002

**Completion Date for All Work:** January 2016

The primary focus of Baltimore's SSO/CSO Consent Decree is the elimination of sanitary sewer overflows (SSOs) and combined sewer overflows (CSOs), including the elimination of 50 overflow structures which currently discharge to storm drains or streams. The Consent Decree is also meant to address upgrades to the wastewater collection system by development of several elements of a capacity assurance, management, operations and maintenance (CMOM) program. The major components of the Consent Decree requirements include:

- Elimination of SSOs and CSOs
- Sewershed Planning and Evaluation
- Sewershed Rehabilitation
- Upgrades in Operation and Maintenance Program

Most of the business opportunities related to the Consent Decree will fall under one or more of these requirements and will roughly take place according to the Consent Decree compliance schedule as shown.



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The business opportunities that may be available to address each of the major Consent Decree program requirements include:



## Elimination of Sanitary Sewer Overflows (SSOs)

Elimination of the remaining SSOs will be accomplished by the completion of 26 previously identified Capital Improvement Program projects. These projects are expected to be under construction from 2003 to 2007 with \$150 million in estimated fees.

The construction and field activities for these projects will typically include:

- New sewer construction
- Sewer lining and rehabilitation
- Sewer CCTV inspection and cleaning
- New pumping stations
- Upgrades to existing pumping stations

## Sewershed Planning/Evaluation

The sewershed studies and evaluations are currently scheduled to take place from 2006 to 2010. During this time, over 1,300 miles of sewer in each of the City's eight sewersheds will be extensively evaluated. With estimated fees of \$100 million, the sewershed studies will include work components for:

- Engineering consulting/Design firms
- Sewer CCTV and cleaning firms
- Sewer flow and rainfall monitoring firms

## Sewershed Rehabilitation

Implementation of recommendations from the sewershed studies will take place from 2008 to 2016. The number of projects and contracts is unknown; however, it is estimated that fees and construction costs will be between \$460 to \$650 million. Sewershed rehabilitation will include work components for:

- Engineering consulting/Design firms
- Sewer repair and rehabilitation companies
- Sewer construction companies
- Sewer flow monitoring companies



## Upgrades in Operation and Maintenance Program

Upgrades to the City of Baltimore's Operation and Maintenance Program will occur over the life of the Consent Decree. The anticipated need is for contractors to augment the City's O&M efforts in activities such as:

- Sewer CCTV
- Sewer cleaning
- Sewer repairs
- Temporary bypass pumping
- Root and grease control