

**Presentation for**

**Annual Sanitary Sewer Capacity,  
Management, Operations and Maintenance  
(CMOM) Implementation Services**

**Lexington-Fayette Urban  
County Government**



**HAZEN AND SAWYER**  
Environmental Engineers & Scientists



September 11, 2012



# Purpose of Presentation

- New business item introduced at August 21, 2012 Work Session
- DWQ requesting approval of contract extension for professional services to continue CMOM Program Implementation
- Councilperson request for more information
- Expanded presentation from presentation given to EQ Committee on May 15, 2012



# Agenda

- What is CMOM?
- CMOM Implementation – Goals
- CMOM Implementation – Overview
- CMOM Implementation – History
- CMOM Implementation – To Date
- CMOM Implementation – Future
- DWQ Recommendations
- Questions?

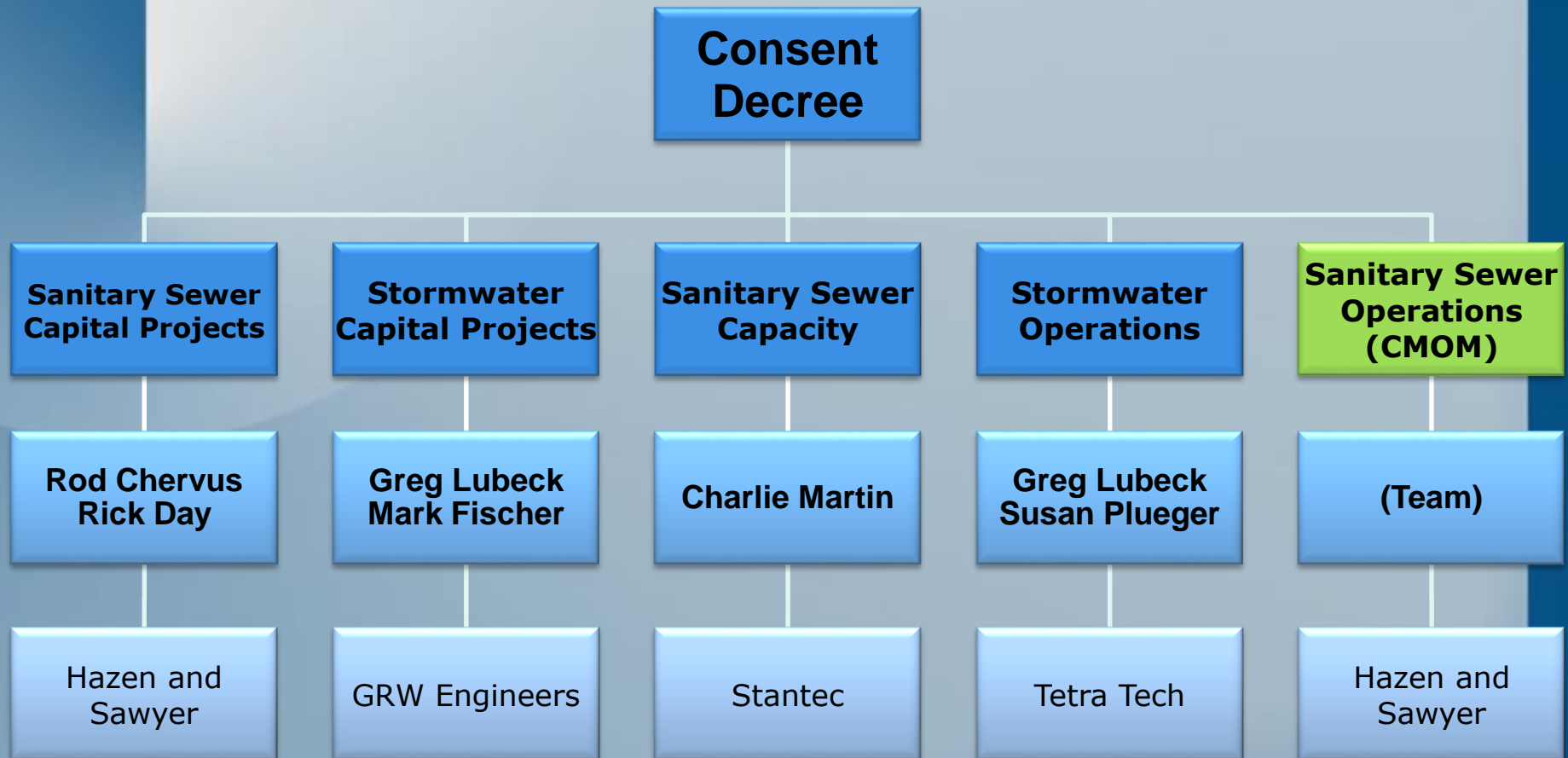


# What is CMOM?

- Capacity, Management, Operations, and Maintenance
- Improve water quality through the proper Management, Operation, and Maintenance of DWQ's wastewater infrastructure
- Protect the health of the general public by:
  - Eliminating Dry Weather SSOs
  - Minimizing Wet Weather SSOs
- Major requirement of the CD



# CD Program Management Structure





# CMOM Implementation – Goals

- Regulatory Compliance
- Environmental Protection
- Improved Customer Service
- Increased Efficiency
- Increased Accountability
- Increased System Reliability



# CMOM Program Components

1. CMOM Self-Assessment Plan – Approved 8/17/12
2. Sewer Overflow Response Plan (SORP) – Approved 8/17/12
3. Fats, Oils, and Grease (FOG) Plan – Approved 8/17/12
4. Gravity Line Preventative Maintenance Plan (GLPMP) – Approved 8/17/12
5. Pump Station Operation Plan for Power Outages (PSOPPO) – ***Pending Approval***





# CMOM Implementation – Overview

- Over 150 Implementation Elements
- Low Financial Impact Relative to RMP
- Defined Implementation Schedule
- Report Progress:
  - Quarterly Reports
  - Annual Reports





# CMOM Implementation – History



- Began implementation of the five CMOM Plans submitted to EPA / KDEP
- FY12 Budget – \$287,500 (6 months)
- December 1, 2011 – Hired Hazen and Sawyer and Integrated Engineering as Sanitary Sewer Program Manager and to assist with CMOM Implementation
  - One-year Contract with two Annual Renewals
  - Task Order No. 1 – \$277,104.54



# Program Consultant Objectives

- Track CMOM Implementation Schedule
  - Schedule based on EPA Report Approvals
  - DWQ Owner Assigned to Each Element
- Develop Element's Compliance Metrics
- Identify Cost Saving Measures
- Complete Element Deliverables
- Complete Quarterly Reporting
- Complete Annual Reporting
- Train DWQ Personnel to Ensure continued success of new CMOM Programs

# CMOM Implementation - To Date



- Developed the compliance metrics for the 150 CMOM Implementation Elements
- Developed Tracking Schedule
- Developed Tracking Database
- Completed Deliverables for 14 Program Elements
- Initiated Work on 21 Additional Program Elements
- Under Budget (14%)
- Ahead of Schedule



# CMOM Implementation – Future

- FY13 Budget – \$500,000
- Remaining 136 Program Elements due over next four years
- Pending CMOM Requirements:
  - 11 Elements due in FY13
  - 59 Elements due in FY14
  - 30 Elements due in FY15
  - 36 Elements due in FY16





# DWQ Recommendation

- Utilize approved FY13 Budget of \$500,000
- Renew Annual CMOM Contract with Hazen and Sawyer and Integrated Engineering



# Questions?

