Sewer Collection System Capacity, Management, Operation, and Maintenance (“CMOM”) in Connecticut

NEIWPCC
Managers’ Forum
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Presentation Overview

Goals of CMOM
Regulatory Requirements
CMOM Best Practices
Questions?
Goals of CMOM

- Use resources efficiently
- Deliver excellent service
- Comply with the Clean Water Act
Sanitary Sewer Overflows ("SSOs")
RCSA Section 22a-430-3

(k) Bypass

(1) Shall not bypass unless:

- Unanticipated, unavoidable, and necessary...
  and

- There were no feasible alternatives.
RCSA Section 22a-430-3

(k) Bypass

(4) Notify state regulators:
   ▶ Verbally, within two hours
   and
   ▶ In writing, within five days
Basement backups
RCSA Section 22a-430-3

(f) Proper operation and maintenance

(g) Duty to Mitigate
Citizen Lawsuits

SAVE THE SOUND SUES WESTCHESTER COUNTY OVER CLEAN WATER ACT VIOLATIONS

Posted on August 12, 2015 by CFE/SAVE THE SOUND
EPA and CT DEEP Inspections
Mapping
Asset Management

- Likelihood of Failure
- Consequence of Failure

Risk

Capital Improvement Plan
Conditions Assessments
Inflow and Infiltration Control

![Graph showing inflow and infiltration over time with labels for Flow, Precipitation depth, and Time axes. The graph includes a line for Meter 11 and a line for Precip.]
Fats, Oils, and Grease Control

- Food Preparation
- FOG
- Sewer Blockages

Use a Trap/Interceptor to Collect & Remove FOG

Reuse FOG as Fuel to Burn Sludge
Resources

Guide for Evaluating Capacity, Management, Operation, and Maintenance (CMOM) Programs at Sanitary Sewer Collection Systems
Resources

- EPA Region 1 SSO Toolbox
  - CMOM Self-Assessment Checklist
  - NEIWPCC CMOM Guide

- Connecticut Clean Water Fund
Summary

- CMOM can help you meet your goals
- CMOM can help minimize SSOs
- EPA and DEEP have resources available to help
Image Credits


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Questions?

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Thank you