

Long-Term O&M Programs

The Advisory Technical Panel Meeting

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MWRDGC

Need for Updating Long-Term O&M Programs

CMOM requirements

USEPA's proposed SSO rule making

Aging/aged infrastructure

Check on resources and funding

Picture from Annual Summary Reports

- Deficient public sector monitoring**
- Almost negligible private sector monitoring**
- Deficient sewer system mapping**

Elements of New LTO&M Programs

- **Resource allocation**
- **Sewer system mapping**
- **Monitoring sewer system**
 - **Public sector inspection cycle**
 - **Private sector inspections**
 - **Periodic verification of flows**
- **Annual Summary Reports**
- **Asset condition assessment**

Updating LTO&M Programs

- **Include Resources and sewer system mapping as part of ASR**
- **Enforceable sewer system monitoring requirements**
- **Spot checking sewer system flows periodically**
- **Focus on private sector I/I sources**
- **Emphasize record keeping**
- **Focus on replacing aged/aging assets**

Resources and Assets

- Manpower allocated to sewer system O&M
- Funds collected and spent for the sewer system
- Sewer Atlas
 - Update every 10 years
 - Detail every sewer segment (diameter, length, inverts, etc.)
 - Assign MH numbers
 - Detail other appurtenances (e.g., lift station number, its capacity)
 - GIS interface
 - Web posting

Condition Assessment and Scheduling

- **10-yr cycle**
- **Identify defects/failures and illegal connections**
- **Develop maintenance, rehabilitation, and/or replacement recommendations**
- **Identify funding needs**
- **Schedule maintenance, rehabilitation, and/or replacement projects proactively**

Policies and Quality Controls

- **Clear ordinances/regulations governing quality of construction, specifying permitting, and inspection requirements**
- **Ordinances mandating private sector I/I removal**
- **Long-term policies for removal of high-cost I/I sources**
- **Policies of private-public cost-sharing arrangements**
- **Policies for aged asset replacement**

Exchange of Ideas



Surcharge Level Indicator

Future ATP Meetings

Next Meeting:

- **March 21, 2012 – Financing**

Others (Tentative):

- **May 16, 2012 – Private Sector I/I Control**
- **July 18, 2012 – Public Sector I/I Control**
- **September 19, 2012 – Enforcement**
- **October 2012 – Report to the Board**