

# ATP Committee Meeting

August 28, 2013

# Agenda

- Review first step in ordinance rewrite-
  - Mission: Reducing Excessive  
Infiltration/Inflow in Local Sanitary  
Sewer Systems
  - Scope/Process and Goals
- Review schedule for balance of sessions
- Set meeting date/time for September

# ATP Sub-Committee

- Catherine O'Connor- MWRD
- Bill Sheriff- MWRD
- Fred Vogt- Rolling Meadows
- Dale Schepers- Tinley Park
- Al Hollenbeck- RJN Group
- Chris King- Robinson Engineering/South  
Suburban Mayors/Manager

# Scope/Process

- 1) Collaborative process between MWRD and the local agencies through their appointed ATP members including USEPA and Illinois EPA
- 2) Work Group to bring targeted draft ordinance sections to full ATP Committee for review and consensus
- 3) Existing conditions include elevated wet weather flows at MWRD Treatment Plants which have resulted in Special Conditions in MWRD NPDES Permit requiring MWRD to require separate sanitary sewer system owners to reduce excessive infiltration/inflow (I/I that causes or contributes to SSO's or basement backups)
- 4) 1986 Sewer Summit Agreement needs updating to include new technology, a rigorous private sector I/I program, and strengthened long term O & M programs following CMOM guidelines

# Goals

- 1) Present consensus Ordinance (Revised Article 6.5 of Manual of Practice) to MWRD Board of Commissioners by January, 2014
- 2) Reduce public health hazards- basement backups, sanitary sewer overflows and resultant receiving stream pollution
- 3) Develop I/I control program to comply with MWRD NPDES Permit requirements with consideration for public health and safety, costs, and available technology
- 4) Develop a sustainable program with positive cost benefit ratios that address environmental, economic and social concerns
- 5) Sanitary sewer system owners to develop their own plans consistent with the consensus ordinance

# Goals

- 6) MWRD to establish plan for developing updated Transport/Treatment Costs and interceptor capacity for MWRD collection and treatment facilities along with guidance to sanitary sewer system owners related to local sanitary sewer system storage and increased capacity at connection to MWRD interceptor sewers
- 7) Establish performance metrics for evaluating sanitary sewer system owners compliance with ordinance requirements- “How do we define success”

# Goals

- 8) Short term I/I reduction focused program
  - A) I/I reduction to achieve regulatory compliance
  - B) Prioritized system investigation in accordance with field investigation standards/flow monitoring followed with high impact I/I source rehabilitation- public sector
  - C) Develop Private sector investigation/rehabilitation strategy
  - D) Develop Long Term O & M Plan and submit to MWRD

# Goals

- 9) Long term sewer system maintenance focused programs (following CMOM guidelines)
  - A) Accurate GIS based sanitary sewer atlas and asset management based approach
  - B) Risk based criteria for inspection, cleaning and rehabilitation supported by customer service/work order tracking system
  - C) Proactive and reactive maintenance/rehabilitation
  - D) Annual commitment to sewer system rehabilitation expenditures with funding and staffing plan as part of prioritized sewer system CIP Plan
  - E) Ongoing private sector investigation and removal program
  - F) Reporting to MWRD- basement backups, SSO's and annual activities including expenditures for sewer system investigation, rehabilitation and maintenance



# Goals

- 10) Develop funding options to supplement local community sewer rate structures
  - A) MWRD funding
  - B) IEPA SRF Loan Program
  - C) Role of Green Infrastructure solutions
- 11) Enforcement- establish consequences to sanitary sewer system owners for failure to comply with program requirement(s)

# Next Steps

- Sub-Committee to meet and bring draft language by section back to full ATP Committee for discussion and consensus
- New ordinance to MWRD Board in January, 2014

# Draft Ordinance Sections

- August 28 – Today- Scope and Goals
- September- Short Term Objectives/Long Term Plans
- October- Minimum requirements (Compliance), annual reporting, funding possibilities
- November – System Analysis and Enforcement
- December- Finalize, feedback and comments
- January- Present to Board of Commissioners

# Next Meeting

- September 18, 2013
- 1:30PM