

Monday, January 13, 2003

7:30	8:15	8:30	9:30	10:00	11:00	12:00	1:00	2:00	3:00	3:30	5:00
Registration	Welcome and Introductions - UAB	<i>(Herwig)</i> EPA Draft SSO Rule * Development, History, Process * Components: Prohibition, CMOM, Reporting, Legal, and Satellite Systems * Current Status of SSO Rule * Update of EPA Regions' Approach	Break	<i>(Arbour)</i> Asset Management Practices Wastewater Collection System * System Inventory and Attribute Data * Condition Assessment * Work Management * Financial and Administrative Support Services * Information Management *Optimized Decision Making for CMOM Co	<i>(Arbour)</i> Pipeline Preventive Maintenance Program * Maintenance Program Goals *Components of a Preventive Maintenance Program * Benefits * Maintenance Program Evaluation	Lunch (Provided)	<i>(Cunningham)</i> Inspection, Evaluation, and Condition Assessment of the Collection System * Asset Management Goals for Inspection Programs * Inspection Methods * Inspection Criteria and Condition Ratings * Creating Asset Management Profiles from Condition Ra	<i>(Skipper)</i> Advanced Methods of Asset Inspection and Condition Assessment * Sonar Inspection * Conductivity/ Salinity Testing * Concrete Pipe Corrosion Testing * Force Main Pressure Tests * Debris Mapping	Break	<i>(Young)</i> Trenchless Technology for Repair, Rehabilitation, Replacement, and New Construction Projects * Mainlines * Performance and Design Specifications * Comparison of Different Methods and their Effectiveness	Announcements and Adjourn

Tuesday, January 14, 2003

8:00	9:00	10:00	10:30	12:00	1:00	2:00	3:00	3:30	5:00
<i>(Young)</i> Trenchless Technology for Repair, Rehabilitation, Replacement, and New Construction Projects * Manhole Rehabilitation * Lateral Rehabilitation * Performance and Design Specifications * Comparison of Different Methods and their Effectiveness	<i>(Herwig)</i> Auditing and Assessment of CMOM from a Regulatory Perspective * Management Programs * Operations Programs * Maintenance Programs	Break	<i>(Arbour)</i> Mechanical and Hydraulic Cleaning Program * Mechanical and Hydraulic Cleaning Equipment * Establishing Corrective and Preventive Maintenance Cleaning Programs * Grease Control Programs * Performance Indicators and Best Industry Practices	Lunch (Provided)	<i>(Cunningham)</i> Fleet Asset Management (All participants will receive a computer CD that contains a set of the current collection system equipment specifications developed by the fleet managers for the City of San Francisco.) * Evaluation of Fleet Requirements Including Replacement Cycles * Specification Development and Purchasing * Preventive Maintenance Approaches for Extending Asset Useful Life * Federal DOT Fleet Management Requirements	<i>(Skipper)</i> Capacity Assurance Program - The "C" in CMOM * What are Capacity Assurance CMOM Requirements * Hydraulic Design Capacity vs. Actual * Developing a Capacity Assurance Program * Implementing the Capacity Assurance Program	Break	<i>(Arbour)</i> Maintenance Program Organization and Staffing * Organizational Structure * Classifications * Certification and Training	Announcements and Adjourn

Wednesday, January 15, 2003

8:00	9:00	10:00	10:30	12:00	1:00	2:00	2:30	3:30
<i>(Skipper)</i> Flow Monitoring as an O&M Tool * Flow Data Indicators for O&M * Inflow and Infiltration * Management, Planning, and Engineering Use of Flow Data	<i>(Herwig)</i> CMOM Reporting * Record Keeping * Reporting * Performance Data * Frequency of Reporting * Reporting for Small Systems	Break	<i>(Cunningham)</i> Information Management Systems for Collection System Asset Management * Asset Management Reporting: Requirements and Options * Asset Definitions * Approaches to Asset Management Computerization * Asset Management Tools * State of Current Tech	Lunch (Provided)	<i>(Cunningham, continued)</i> Information Management * Computer Based Management Tools * Current Technology * Case Histories	Break	<i>(Arbour)</i> Regional CMOM Approach for Satellite Systems * SSO Rule and Satellite Systems * Approaches to Managing Satellite Systems	Open Forum and Conclusion