DAY 1 (TUES, November 4, 2008)

OVERVIEW OF THE STATEWIDE SSO PROGRAM AND ESSENTIAL ELEMENTS OF COLLECTION SYSTEM O&M PROGRAMS

8:30-9:00  Overview of 3-day class, Ken
  • What is covered in the class
  • Why this class will be useful to you for your job and with career advancement
  • Introduction of instructors
  • Self introduction of class members

9:00-9:45  SWRCB Order and Roles and Responsibilities, Jim
  • Importance of collection systems training
  • SSO Basic Program requirements and Terminology
  • Tips and Recommendations to Check with Field Inspections
  • CIWQS SSO Data Statistics

9:45-10:15  Why Collection System Operation and Maintenance?  Gary
  • Organization Structure/Staffing of a Collection System
  • Collection System Administration
  • Legal Authority
  • Operation and Maintenance Plans (Scheduled Inspections and Condition Assessment)
  • System Evaluation and Capacity Assurance Plan

10:15-10:30 BREAK

10:30-11:15  Wastewater Collection Systems, Ken
  • Description
  • Design
  • Inspecting and Testing

11:15-12:00  Pipeline Cleaning and Maintenance Methods, Gary

12:00-1:00 LUNCH

1:00-1:45  Underground Repair and Sewer Renewal (Rehabilitation), Ken

1:45-2:30  Lift Stations, Gary

2:30-2:45 BREAK

2:45-3:30  Safety and Training, including VIDEO, Guardians of Health (Intro video), Ken
3:30-4:15 Equipment and Tools, Gary

4:15-4:30 Preparation for half-day field trip to observe Sacramento County’s collection system field crews and office staff in action, Ken

**DAY 2 (WED, November 5, 2008)**

**COLLECTION SYSTEM OPERATION AND MAINTENANCE FIELD TRIP**

8:15-12:00 noon (ORANGE COUNTY FIELD CREWS AND OFFICE STAFF)

12:00 NOON-1:00 LUNCH (on your own)

1:00-1:30 Discussion of Field Trip Observations, Ken

**ORGANIZATION FOR COLLECTION SYSTEM OPERATION AND MAINTENANCE**

1:30-2:15 Administration, Rich
- Collection System Training and Staffing
- Mapping and Uses of Computers
- Establishing and Evaluating a Maintenance Program
- General Performance Indicators
- Resources and Budget Management

2:15-3:00 Operation and Maintenance of Collection Systems, Gary
- Purpose of O&M
- Maintenance Scheduling
- Sewer Cleaning
- Hydrogen Sulfide Monitoring and Control
- FROG Control Program
- Lift Stations
- Sewer System Evaluation
- Standards for Installation, Testing, Rehabilitation and Repairs
- Service Laterals (Outreach to Plumbers and Building Contractors)

3:00-3:15 BREAK

3:15-4:00 Special Elements of an O&M Collection System Program, Rich
- Contingency Equipment and Replacement Inventories
- Identification of Trouble Spots
- Overflow Emergency Response Plan - [Overflow Video (69MB)](Overflow Video)
- Communications and Notifications
- Complaints and Public Relations
- System Evaluation and Capacity Assurance

4:00-4:30 SSMP Audits and Inspections, and SUMMARY, Gary
(with help from Rich and Ken)
SSO REGULATORY DISCUSSION, REGIONAL BOARD EXPERIENCES AND ENFORCEMENT OPTIONS

8:15-8:30  Review of SSO General Order Permit Requirements, Jim
   • Recap of Statewide SSO General Permit Requirements and ongoing issues

8:30-9:00  Regional Board Experience with SSOs, Greg
   • Field SSO response activities
   • CIWQS data website and data experience
   • Recommendations and tips for other RB programs

9:00-9:45  Statewide SSO Enforcement Options, Mark
   • Background on State/RB discharge programs
   • Water Board and local enforcement
   • Informal/formal enforcement
   • Violations, compliance projects and options
   • Other enforcement considerations

9:45-10:00  BREAK

10:00-10:45  Local Agency Experience with Implementation of SSMP, Art
   • City of Roseville’s SSMP and SSO Program

10:45-11:15  Collection System Electronic Monitoring Technology, Greg
   • Vendor presentation/demonstration of Hadronex “Smartcover” electronic CS monitoring product

11:15-11:40  Beta SSO GIS Mapping Tool Demonstration, Jeff
   • Presentation/Demonstration of the latest CIWQS GIS SSO mapping tool

11:40-11:50  Final Questions, Answers and Wrap-up, Jim

11:50-12:50  OPTIONAL: Discussion about the 2009 SSO General Permit Review (working lunch), Jim
   • Discussion about the State Board’s 2009 SSO General Permit Review that will take place with possible revisions to the Order; solicit ideas and recommendations from State/Regional Boards