



**Environment, Health, & Safety
Training Program**

EHS 0691 ~ Volume Estimation – Sanitary Sewer Overflow (SSO)

Course Syllabus

Subject Category: Environmental
Course Length: 3 hour
Delivery Mode: Classroom and/or webinar

Course Prerequisite: No
Medical Approval: No

Course Purpose: Course explains different methods for calculating defensible sewer spill volumes and how to document the estimate in a methodical and defensible manner.

Learning Objectives:

After completing this training, the participant will be able to:

- Identify the Civil and Regulatory Liability for SSO's
- Explain Volume Estimation Considerations for SSO
- Document volume spill estimates so that they are defensible
- Identify common SSO Volume Estimation Methods and their use
- Eyeball Estimation Method using photo Comparisons
- Perform Area/Volume Calculations
- Evaluate upstream Connections
- Identify methods used for stain, ponded, Storm Drain and gutters.

Course Instructional Materials:

- Handouts
- Parking lot demonstration of overflow

Instructors: California Sanitation Risk management Authorization (CSRA)

Training Compliance Requirements: State Order 2006-003-DWQ "Statewide General Waste Discharge Requirements for Sanitary Sewer Systems"

Course Handouts:

Participant Evaluation: Environment Group or vendor provides training

Written Exam: NA

Practical Exam: NA

Retraining/Recertification: No

WEB Resource: EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>.