

United States
Environmental Protection
Agency

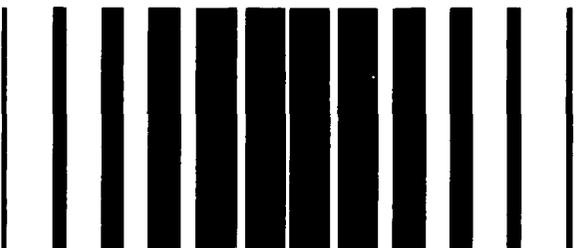
Technology Transfer

New Concepts in I/I Evaluation and Sewer System Rehabilitation

June 25-26, 1984
The Lincoln Hotel
5410 LBJ Freeway
Lincoln Center
Dallas, TX 75240

(214) 934-8400

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United States
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Center for Environmental Research
Information
Cincinnati OH 45268

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EPA TECHNOLOGY TRANSFER I/I SEMINAR
c/o Dynamac Corporation
P. O. Box 2198
Kensington, MD 20895

Purpose

This seminar is being sponsored by EPA's Office of Research and Development as part of its continuing Technology Transfer Program. It presents the latest available information on sewer system evaluation and rehabilitation techniques.

Experts from the federal, municipal, and private sectors are being brought together to present a program emphasizing the newest technical developments in infiltration/inflow control. Successful applications of new sewer rehabilitation technologies, advances in inflow projection, and results of new studies on migration will be included in the program.

Target Audience

This seminar will be most beneficial to those individuals specializing in infiltration/inflow. Consulting engineers, municipal design engineers, and federal, state, and local officials concerned with reviewing and/or approving infiltration/inflow projects are invited to participate as are those firms involved in sewer system rehabilitation.

Registration and Hotel Information

There is no registration fee for attending this seminar. However, because attendance is limited we request that you register early. To register, fill out the attached form and mail to: EPA Technology Transfer I/I Seminar, c/o Dynamac Corp., P. O. Box 2198, Kensington, MD 20895. For further information, contact Ms. Sheri Marshall, Seminar Coordinator, (301) 468-2500.

Arrangements have been made for a block of rooms at The Lincoln Hotel. Special rates are available to seminar attendees. Reservations should be made directly with the hotel and you must state that you are attending the EPA seminar to receive the special guest room rate.

PROGRAM

First Day

- 7:30 a.m. **Registration**
- 8:30 a.m. **Welcome**
- 8:35 a.m. **Seminar Objectives**
- 8:45 a.m. **I/I Program History: Current Policies**
Lam Lim
EPA
Municipal Construction Division
Washington, DC
- 9:10 a.m. **Regional I/I Activities**
- 9:30 a.m. **Sewer System Impacts, Investments, Financing, and Maintenance**
Akhtar Hamid
WWI Consulting Engineers
Emeryville, CA
- 10:15 a.m. **Break**
- 10:30 a.m. **State-of-the-Art Sewer System Evaluation Methodology**
Akhtar Hamid
- 11:15 a.m. **Inflow Projection**
Richard J. Nogaj
RJN Environmental Associates, Inc.
Wheaton, IL
- 12:00 noon **Lunch**
- 1:15 p.m. **Milwaukee Inflow Experience**
Frank A. Wellstein
Milwaukee Metropolitan Sewerage District
Milwaukee, WI
- 2:15 p.m. **Washington Suburban Sanitary Commission Infiltration/Groundwater Migration Experience**
Philip Hannan/Michael Burkhard
Washington Suburban Sanitary Commission
Hyattsville, MD
- 3:00 p.m. **Break**

3:15 p.m. **House Lateral Evaluation Techniques**
Akhtar Hamid

4:15 p.m. **Panel Discussion**

5:00 p.m. **Adjournment**

Second Day

- 8:45 a.m. **Overview: Sewer Rehabilitation Methods**
Campbell H. Steketee
Westech Engineering, Inc.
Salem, OR
- 9:45 a.m. **Salem, Oregon House Lateral Experience**
Campbell H. Steckette
- 10:30 a.m. **Break**
- 10:45 a.m. **Washington Suburban Sanitary Commission Rehabilitation Experience**
Philip Hannan/Michael Burkhard
- 11:45 a.m. **Lunch**
- 1:00 p.m. **Slip Lining Experience**
Dennis Scherzinger
Napa Sanitation District
Napa, CA
- 1:45 p.m. **Model Sewer Maintenance Program**
Philip Hannan/Michael Burkhard
- 2:30 p.m. **Post-Rehabilitation Monitoring and Certification Techniques**
John M. Smith
J. M. Smith & Associates, P.S.C.
Cincinnati, OH
- 3:30 p.m. **Panel Discussion**
- 4:15 p.m. **Adjournment**

TECHNOLOGY TRANSFER I/I SEMINAR

—U.S. Environmental Protection Agency—

I will be attending the Dallas seminar:

Name and Title _____

Organization _____

Address _____

City, State, Zip Code _____

Telephone _____