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chnology Transfer

Workshops on Assessment and Management of Drinking Water Contamination

October 20-22, 1986
Florida State Conference Center
Tallahassee, Florida

October 28-30, 1986
American Congress Hotel
Chicago, Illinois

November 5-7, 1986
Holiday Inn - Charleston House
Charleston, West Virginia

December 9-11, 1986
Executive Tower Inn
Denver, Colorado

655R86003

United States
Environmental Protection
Agency

Center for Environmental Research
Information
Cincinnati OH 45268

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PERMIT No. G-35

Third Day

- 8:00 am **Organics: Chemistry**
8:30 am **Organics: Treatment by Aeration**
9:30 am Break
9:45 am **Organics: Treatment by Granular Activated Carbon**
10:45 am **Organics: Treatment Cost Case Study**
11:30 am Lunch
12:45 pm **Risk Communication**
1:45 pm **Risk Assessment Case Study (conclusion)**
2:30 pm Break
2:45 pm **Risk Management Case Study (conclusion)**
3:45 pm Adjourn

Speakers and Session Chairmen:

U.S. Environmental Protection Agency

- Stephen Clark, Office of Drinking Water
- Penelope Fenner-Crisp, Office of Drinking Water
- Chester Pauls, Office of Drinking Water
- James Smith, Center for Environmental Research Information
- Representative from the Safe Drinking Water Act Program
- Representative from the RCRA program
- Representative from the CERCLA program
- Representative from an EPA community relations program

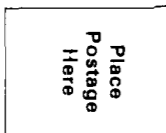
Malcolm Pirnie Engineers

- John Dyksson
- Alan Hess
- Tim Brodeur

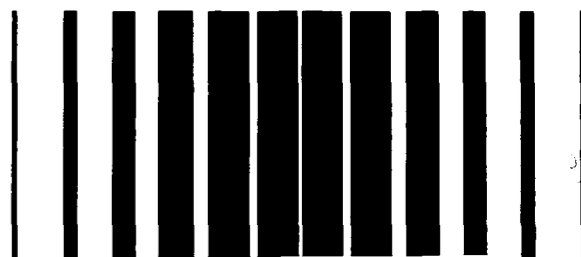
University of Kansas

- John Doull
- Curt Klaassen

Kathleen Kelly
JACA Corp.
550 Rivertown Road
Fort Washington, PA 19034



CER1-86-26



This workshop has been designed with input from State and Regional representatives to address specific Regional, State, and Local program needs for use and application of EPA's Drinking Water Health Advisories and regulations. I highly encourage all persons dealing with risk assessment and management of drinking water contamination problems to attend this comprehensive workshop in their designated regional location.



Michael B. Cook, Director
Office of Drinking Water

Background and Purpose

This workshop series to be held in Tallahassee, FL; Chicago; Charleston, WV; and Denver will present information on the health effects, analytical methods, and treatment technologies available for three major classes of drinking water contaminants: inorganics, solvents, and pesticides. In addition, the workshops will describe the philosophy and methodology of the Office of Drinking Water's Health Advisories and provide opportunities, through risk assessment and risk management case studies, to integrate the Advisories with the Agency's initiatives for regulation development.

These workshops are designed to benefit County, State and Federal health, drinking water, CERCLA, and RCRA regulatory staff and facility managers as well as their consultants, who respond to drinking water contamination problems and are involved in risk assessments, risk communication, or remedial actions.

Registration Information

There is no registration fee required for attending these workshops. Since registration will be limited to the space available, the attached registration card should be completed and mailed as soon as possible. All persons wishing to participate in coffee breaks must enclose a check for \$12 with their registration card to cover the optional social fee for the three-day workshop. A letter confirming your pre-registration at the workshop of your choice will be sent to you.

Note: Participants in the Tallahassee workshop will note that registration will begin at 11:00 a.m. and that the first day's agenda will continue into the evening. To accommodate the tight schedule on the first day, the Florida State Conference Center has agreed to provide a buffet dinner at a cost of \$9 for those who wish to participate. This fee must accompany the registration card for those who pre-register for the workshop and who wish to attend the dinner. An amended agenda reflecting scheduling changes will be mailed to pre-registrants of the Tallahassee workshop.

Hotel Information

October 20-22, 1986
Florida State Conference Center (workshop)
Tallahassee Hilton (lodging)
101 S. Adams St.
Tallahassee, FL 32301
(904) 224-5000
Government rate: Single \$42; Double \$57

October 28-30, 1986
American Congress Hotel
520 S. Michigan Blvd.
Chicago, IL 60605
(312) 427-3800
Government rate: Single \$45; Double \$55

November 5-7, 1986
Holiday Inn - Charleston House
600 E. Kanawha Blvd.
Charleston, WV 25301
(304) 344-4092
Government Rate: Single \$52; Double \$52

December 9-11, 1986
Executive Tower Inn
1405 Curtis Street
Denver, CO 80202
(303) 571-0300
Government Rate: Single \$42; Double \$47

Room reservations are to be made directly with the hotel and should be made early. The reserved block of rooms will only be assured up to three weeks before the date of the workshop; after that, rooms will be assigned by the hotel on a space-available basis. Be sure to mention that you are attending the EPA workshop so that you will qualify for special room rates.

For additional information, call Kathleen Kelly of JACA Corp. at (215) 643-5466.

PROGRAM

First Day

- *7:30 am Registration
- 8:30 am Welcome
- 8:45 am Safe Drinking Water Act (SDWA) Program
- 9:15 am Integration of SDWA with Resource Conservation and Recovery Act (RCRA)
- 9:35 am Integration of SDWA with Superfund (CERCLA)
- 9:55 am Risk Management Case Study (introduction)
- 10:30 am Break
- 10:45 am Principles of Toxicology
- 11:30 am Principles of Risk Assessment
- 12:15 pm Lunch
- 1:45 pm Understanding EPA's Drinking Water Health Advisories
- 2:45 pm Break
- 3:00 pm Principles of Absorption, Metabolism, Distribution, and Excretion of Chemicals
- 4:00 pm Principles of Carcinogenicity
- 5:00 pm Adjourn

Second Day

- 8:00 am Overview of Drinking Water Treatment
- 8:45 am Inorganics: Toxicology
- 9:45 am Break
- 10:00 am Inorganics: Chemistry
- 11:00 am Inorganics: Treatment
- 12:00 pm Lunch
- 1:30 pm Organics: Toxicology of Pesticides
- 2:45 pm Break
- 3:00 pm Organics: Toxicology of Solvents
- 3:45 pm Risk Assessment Case Study (introduction)
- 5:45 pm Adjourn

*Tallahassee workshop registration will begin at 11:00 a.m.; program will begin at noon. See note under Registration Information.

**WORKSHOP REGISTRATION CARD
ASSESSMENT AND MANAGEMENT OF DRINKING WATER CONTAMINATION
U.S. Environmental Protection Agency**

Please register me for the following workshop Tallahassee, FL — October 20-22, 1986 Charleston, WV — November 5-7, 1986
 Chicago, IL — October 28-30, 1986 Denver, CO — December 9-11, 1986

Name _____ Organization _____
 Title _____
 Address _____ Telephone _____
 City / State / Zip _____

I have enclosed a check for the following:
 \$12 Social fee: coffee breaks, all 3 days (optional)
 \$ 9 Buffet dinner: Tallahassee only (optional)
 \$ _____ Total enclosed

Mail to: Kathleen Kelly / JACA Corp.
550 Pinetown Road
Fort Washington, PA 19034

Attendee Categories - Please check appropriate box.

- Federal Agency State Government County / Local Government Water Supplier Consultant Other
- Primarily in the area of: Treatment Public health (Risk Assessment) Other
- Risk Management