

PROGRAM SCHEDULE

Tuesday, November 20, 1979

Monday, November 19, 1979

12:00 p.m. Registration Lower Lobby

1:00 Seminar Introduction
William Weidenbacher
Conference Chair
E. A. Hickok & Associates

1:15 Keynote Speech: National Water Resources Policy
Gerald D. Seinwill
U.S. Water Resources Council

2:00 State Water Resources
Thomas Kalitowski
Chairman
Minnesota Water Planning Board

3:05 Break
Panel of State Water Policy Implementors
Moderator: **James Cooper**, Minnesota Department of Natural Resources
Panel Members:
Maurice Dorton, Metropolitan Council
Neil Haugerud, Upper Mississippi River Basin Commission
Ed Ross, Minnesota Department of Health
Barry Schade, Minnesota Pollution Control Agency
Larry Seymour, Minnesota Department of Natural Resources

4:30 Legislative Perspective on Water Policy
Senator Jerry Willett
(or representative from Senate Subcommittee on Water Resources)

5:00 Social Hour Cabana Court

6:00 Dinner Ballroom

6:45 Historic Shipwrecks on Lake Superior
Julius F. Wolff, Jr.
University of Minnesota-Duluth

7:30 Risk Analysis in Design of Hydraulic Structures
Bob Buehler
Consultant

8:30 "The 1979 Flood on the Red River of the North"—Film
William Spychalla
St. Paul District, U.S. Army Corps of Engineers

9:00 Adjourn

8:30 a.m. Panel: Working with Watershed Districts
Moderator: **Warren White, P.E.**

How Watershed Districts Are Formed
Erling Weiberg
Executive Secretary
Water Resources Board

Watershed Districts in Urban Areas
Roger Lake
President
Metropolitan Association of Watershed Districts

9:30 Break
Concurrent Workshops

9:50 Session 1—Urban Run-Off Control: Planning, Design, Operation, and Maintenance of Urban Stormwater Detention Facilities
Herbert G. Poertner, P.E.
Engineering Consultant
Bolingbrook, Illinois

Session 2—Bridge Scour: Predictions and Preventive Measures
Sterling Jones
Hydraulics Branch
U.S. Department of Transportation

"Failure of Big Sioux Bridge"—Film
Session 3—Elements of Comprehensive Stormwater Management Planning
Gary Oberts
Metropolitan Council

Control of Stormwater Run-Off Quality
Joel Schilling
Minnesota Pollution Control Agency

11:30 Lunch

1:00 Repeat of Concurrent Workshops

2:40 Break

3:00 Water Law in Minnesota
General Review of Surface and Ground-water Law in Minnesota
James Schoessler
Orney General's Office

Legal Ramifications of Obstructing and Diverting Channels
John Jeppesen
Minnesota Department of Transportation

Water Management Regulation—Infringement on Property Owner's Rights
Fred Richards
Popham, Haik,
Schnobrich, Kaufman & Doty

4:30 Adjourn

PLANNING COMMITTEE

William Weidenbacher, Seminar Chairman, E. A. Hickok & Associates

C. Edward Bowers, Department of Civil and Mineral Engineering, University of Minnesota

James Cooper, Minnesota Department of Natural Resources

Alan Fandrey, Barr Engineering Company

Michael Gillen, Minnesota Department of Transportation

Fred Jenness, Minnesota Pollution Control Agency

Floyd Laumann, Hancock Concrete Products

Mark Schumacher, Toltz, King, Duvall, Anderson & Associates

Edward Silberman, Department of Civil and Mineral Engineering, University of Minnesota

William Spychalla, St. Paul District, Army Corps of Engineers

John Vollum, Department of Conferences, University of Minnesota

Warren White, P.E., Private Consultant

Donald Wisniewski, Carver County Highway Department

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Minnesota residents 62 years of age and older may attend this program without payment of the fee if space is available after all fee-paying registrants have been accommodated. They shall, however, be responsible for the costs of materials, meals and refreshments, and other services, if applicable. Eligible persons who are interested should check the appropriate box on the attached application form. Applicants will be notified if space is available.



12th ANNUAL WATER RESOURCES SEMINAR

PROGRAM DESCRIPTION

The Water Resources Seminar provides an opportunity for interested engineers, planners, public officials, and private citizens to examine current issues and topics affecting our region's water resources. The seminar combines formats of general sessions, panel discussions, and small workshops to allow participants to explore their own areas of interest.

Highlights of this year's seminar include a morning session on national and state water policy, an evening of diverse topical areas, concurrent workshops in the areas of urban run-off, bridge scour and storm-water management, and an examination of current water law in Minnesota.

GENERAL INFORMATION

The seminar will be held at the Registry Hotel, 7901-24th Avenue South, Bloomington, Minnesota (take the 24th Avenue exit off 494). A block of rooms has been reserved for seminar participants. For your convenience a hotel reservation card will be provided on request. Free parking is available at the hotel. Sessions will be from 1 to 9:00 p.m. on Monday, November 19, and from 8:30 a.m. to 4:30 p.m. on Tuesday, November 20.

REGISTRATION AND FEES

The fee for the Water Resources Seminar is \$85. This fee includes attendance during both days, one dinner, one lunch, scheduled breaks, and instructional material. Registration may be made for one day only at a fee of \$50. Registration is personal and nontransferable. A full refund of the fee will be made if the registration is canceled in writing prior to the seminar. The University reserves the right to cancel the seminar if the occasion arises.

Enrollment is limited and registration will be taken by mail on a first-come first-served basis. Registration should be made by November 12, 1979. After this date, please call (612) 373-3173 to confirm your registration at the conference.

TAX DEDUCTION OF EXPENSES

An income tax deduction is allowed for expenses of education (including registration fees, travel, meals, lodging) undertaken to maintain and improve professional skills (see Treas. Reg. 1.162-5, Coughlin vs. Commissioner, 203F.2d 307).

CONTINUING EDUCATION UNITS (CEUs)

This conference carries 1.2 Continuing Education Units (CEUs). One CEU is defined as ten contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction. Participants who wish to receive CEUs are expected to attend all the scheduled hours of the conference.

The CEU program is part of a national effort to recognize self-development and enrichment through a program of continuing education. CEUs are being accepted increasingly as evidence of educational attainment by employers, credentialing agencies, and professional associations.

FOR FURTHER INFORMATION, CONTACT:

John S. Vollum, Program Director
University of Minnesota
222 Nolte Center
315 Pillsbury Drive S.E.
Minneapolis, MN 55455
Telephone: (612) 373-3157

12th Annual WaterResources Seminar



November 19-20, 1979
Registry Hotel
Bloomington,
Minnesota

In cooperation with:
Water Resources Technical
Committee
American Society of Civil
Engineers
Minnesota Section

Presented by:
Department of Conferences
Continuing Education and
Extension
University of Minnesota

