

Eleventh Annual Virginia Water Conference '99
March 14-16, 1999 - Sheraton Inn
Fredericksburg, VA

PROGRAM

Sunday Afternoon, March 14, 1999

2:00 - 6:00 PM Exhibitor Set Up
4:00 - 6:00 PM Registration & VLWA Board of Directors Meeting

6:00 - 7:30 PM Exhibitor & Early Registrant's Reception

Monday Morning, March 15, 1999

7:00 - 8:00 AM Registration and Check-In
7:30 - 8:00 AM Coffee and Pastries (Banquet Hall)

8:00 - 9:30 AM President's Welcome and Penary Session

PLENARY SESSION

Regional Water Supply Panel Discussion

"Issues Facing Virginia Cities in 2000"

Panelists

Charles Crowder, Fairfax County
Louis Guy, Norfolk
Brian Ranatey, Newport News

9:30 - 10:00 AM Break (Coffee in Exhibit Hall)

10:00 - 11:30 AM First Concurrent Sessions

Session 1A

Urban Stormwater
Management Practices
*Mr. Stuart Finley, Lake
Barcroft WID, Moderator*

Session 1B

Water Supply
Mr. Stuart Stein, GKY and Associates, Inc., Moderator

Urban BMPs
Stuart Finley, Lake Barcroft
WID

Debris Deflector Screen

King William Reservoir: Impact Mitigation and Watershed Protection
Donald P. Rice, Newport News Waterworks

The Lake Gaston Project-A One Year Status Report
Thomas M. Leahy, PE, VA Beach Dept. of Public Utilities

Jack White, GKY & A, Inc.

Utility Fee Funding
Steve Sedgwick, PE, Camp,
Dresser & McKee

*Stormwater Retrofit
Assessment South River
Watershed, Anne Arundel
County, MD*
Jennifer M. Smith, Post,
Buckley, Schuh & Jernigan,
Inc.

*Urban Lake Revitalization-
The Complete Challenge*
Dave Plum, PE, Rummel
Klepper & Kahl, LLP

Short-Term Demand Forecasting
Traci Kammer-Goldberg, Fairfax County Water Authority

*Smith Reservoir Expansion Designing Constructed Wetlands to Fulfill Wetland
Mitigation Requirements*
Janet Frey, URS Greiner Woodward Clyde

*Aquifer Protection in the Fractured Crystalline Rocks of the Blue Ridge Province,
Floyd County, VA*
William Seaton, Virginia Tech

Noon - 1:30 PM Luncheon (Banquet Hall) *Keynote: Hon. Dennis H. Treacy, DEQ*

Monday Afternoon, March 15, 1999

1:45 - 3:15 PM Second Concurrent Sessions

Session 2A
Watershed Management -
BMPs, GIS, Legal and
Economics
Mr. Bud Curtis, URS
Greiner, Moderator

Session 2B
Dam Safety
Mr. Jon Phillippe, Virginia Department of Conservation and Resources, Moderator

*Monticello High School
Water Quality BMPs-*
Andrew Gould, TIMMONS

An Overview of the Headcut Erodibility Index
John Moore, NRCS

*Nonpoint Pollutant Loading
Application for ARCVIEW
GIS*
Laurens van der Tak, CH2M
HILL

Rehabilitation of White Oak Dam
Jon Phillippe, Virginia Department of Conservation and Resources

Diascund Dam Spillway Improvements
Walter Hancock, PE, Wiley & Wilson

*Stormwater Infrastructure
GIS: Development from
Data Collection to Modeling*
Shelly E. Frie, PE, Woolpert
LLP

Development of a

*Comprehensive Water
Ordinance In Albemarle
County*

David J. Hirschman,
Albemarle County Dept. of
Engineering & Public
Works

*Watershed Economics-
Cultivating a New Cost
Consciousness*

Steve Meador, PE, Project
Performance Corporation

3:15 - 3:30 PM Break (Coffee in Exhibit Hall)

3:30 - 5:00 Third Concurrent Sessions

Session 3A <u>Regulations and Grants</u> <i>Mr. Jim Rakestraw, Arlington County Public Works, Moderator</i>	Session 3B <u>Lake Maintenance</u> <i>Mr. Dave Rosenthal, City of Norfolk, Moderator</i>	Session 3C <u>Research Applicable to TMDLs: Fecal, Strep., Nitrogen, Pesticides</u> <i>Dr. G. Kenneth Young, GKY and Associates, Inc., Moderator</i>
<i>An Update on FEMA Regulations and Procedures</i> John Magnotti, FEMA	<i>Tracking Water Quality Trends on Smith Mountain Lake</i> David M. Johnson, PhD., Ferrum College	<i>PCB and Organochlorine Pesticide Dynamics of the Anacostia River</i> Bernard Crimmins, George Mason University
<i>An Update on Floodplain Management in Virginia</i> Richard Dameron, State Coordinator	<i>What Do Fecal Coliform Populations Mean in Freshwater Lakes Such as Smith Mountain Lake</i> Carolyn L. Thomas, PhD., Ferrum College	<i>Fate and Transport of Nitrogen from Onsite Septic Systems in Virginia's Physiographic Regions</i> R. J. Melby, Dept. of Crop and Soil Environmental Sciences, Virginia Tech
<i>Everything you wanted to know about grants for Floodplain Program</i> Theodore C. Van Kirk, Dewberry & Davis	<i>The Management of Grass Carp in Lakes</i> Ephraim R. Seidman, Aquatic Services, Inc.	<i>Identifying Sources of Fecal Pollution in a Rural Watershed</i> Charles Hagedorn, PhD, Dept. of Crop and Soil Environmental Sciences, Virginia Tech
	<i>Hydrilla: A Water Weed Menace in Virginia</i> Chad R. Coley, Aquatic Ecosystem Management, Inc.	

5:00 - 6:30 PM Reception (Exhibit Hall - Cash Bar)

6:30 - 7:00 PM Virginia Lakes and Watersheds Association Business Meeting

Tuesday Morning, March 16, 1999

7:30 - 8:00 AM Coffee (Reception Area)

8:00 - 9:30 AM Fourth Concurrent Sessions: 4A and 4B

Session 4A	Session 4B
<u>Total Maximum Daily Loads</u> <i>Dr. Patricia Miller, Virginia Department of Conservation and Recreation, Moderator</i>	<u>The LOMR Process</u> <i>Mr. Jim Rakestraw, Arlington County Department of Public Works, Moderator</i>
<i>A National Perspective on TMDLs</i> Thomas Henry, US EPA, Region III	<i>Preparing a Successful LOMR</i> Jeff Sparrow, Dewberry & Davis
<i>Virginia's TMDL Program: An Overview</i> Patricia Miller, Ph.D., Virginia Department of Conservation and Recreation	<i>Flood Mitigation-Spring Branch, Herndon, Virginia, A Success Story</i> David Preusch, PE, Michael Baker Jr., Inc.
<i>Muddy Creek Fecal Coliform TMDL: Development of Virginia's First Nonpoint Source TMDL</i> Mark R. Bennett, Virginia Department of Conservation and Recreation	<i>The City of Fairfax Re-Mapping Project</i> Edward Beadenkopf, PE, METS Division, Dewberry and Davis
<i>The Local Role in TMDL Development and Implementation in the Muddy Creek Watershed in Rockingham County, Virginia</i> Charlie Wade, Virginia Department of Conservation and Recreation	<i>Impact of Culverts in Series on Flood Hazards-A Case Study</i> Moe Khine, PE, Dewberry & Davis
<i>The Role of Chesapeake Bay Estuary Modeling Package in Setting Virginia" Tributary Strategies for 1999</i> Arthur J. Butt, Ph.D., Dept. of Environmental Quality	

9:30 - 10:00 Break (Coffee in Exhibit Hall)

10:00 - 11:30 AM Fifth Concurrent Sessions: 5A and 5B

Session 5A

Dam Maintenance

*Mr. Jon Phillippe, Virginia
Department of Conservation
and Resources, Moderator*

Session 5B

NPDES Phase II

Mr. Tim Davey, TIMMONS, Moderator

*Televised Inspection of
Aging Flood Control
Structures to Assist in
Prioritizing Maintenance
Needs and Funding*
Robert O'Connor, Gannett
Fleming

*Observations on the Wear
and Tear of PL-566 Dams*
Carl Montana, PE, Schnabel
Engineering Assoc.

*"Underwater Inspection"
"To Breach or not to
Breach"*
David Stoudt, Marion Hill
Associates, Inc.

Introduction and format of panel discussion
Tim Davey, TIMMONS

DEQ's role, recommendations, and schedule
Burt Tuxford, DEQ

Summary of Chesterfield's Phase I program
Joan Salvati, Chesterfield County

Summary of Tidewater Phase I programs
Fernando Pasquel, CH2M Hill

Role of GIS in helping implement Phase I
Steve Sedlock, TIMMONS

A National Menu of BMPs for Storm Water Phase II
James H. Collins, Tetra Tech, Inc.

Noon - 1:30 PM Luncheon (Banquet Hall) Dam Safety Awards presentations; *Keynote: Hon. David G. Brickley, DCR*

1:30 - 2:30 PM Virginia Floodplain Management Association Meeting

