

Virginia Millennium Water Conference 2000

Virginia Lakes and Watersheds Association
A Chapter of NALMS

March 12, 13, 14, 2000
Central park Hotel
Fredericksburg, Virginia

Program

Sunday, March 12, 2000

- 2:00 – 6:00 PM Exhibitors' Display Set Up (Exhibitors' Hall)
- 4:00 – 6:00 PM Registration (Conference Reception Desk)
Meeting of VLWA Board of Directors (Conference Operations Room)
- 6:00 – 7:30 PM Exhibitor and Early Registrant's Reception (President's Suite)

Monday Morning, March 13, 2000

- 7:00 – 8:00 AM Registration and Check-In (Conference Reception Desk)
- 7:30 AM Coffee and Pastries (Banquet Hall)
- 8:00 – 8:30 AM President's Welcome – Mr. Richard Dameron, VLWA President (Banquet Hall)
Conference Details – Dr. G. Kenneth Young, Jr., Conference Chairman
- 8:30 – 10:00 AM First Concurrent Sessions

SESSION 1A

Grants

Ms. Shelly Frie, Woolpert, LLP and Mr.
Mark Johnson, City of Virginia Beach

Research and Grants Programs at the Virginia
Water Resources Research Center—Tamim
Younos, Ph.D., VA Water Resources Research
Center

Elements of Grants Presentation—J. Richard Hill,
Jr., DCR

Funding Opportunities for Stream Corridor
Restoration and Water Quality-The Community

SESSION 1B

Wetland Issues

Mr. David Rosenthal, City of Norfolk

Voluntary Wetlands Restoration in the Elizabeth
River Watershed—Jennifer McCarthy, Elizabeth
River Project

Some Effects of the Tulloch Rule Decision on
Wetlands in the Coastal Plain of Virginia—Steven
Martin, U.S. Army Corps of Engineers

Implementing A Municipally Owned Dredging
Program—David Rosenthal, City of Norfolk

Quilt Concept of Financing—Elizabeth Hickey,
Environmental Finance Center, University System
of Maryland

Utilities

A Beneficial Use of Dredged Material, Lake Taylor
Dredging/Wetland Restoration Project—Rebecca
Francese, Waterway Surveys & Engineering, Ltd.

Water Quality Grant Applications for Virginia
Beach—Adam Jack, Rummel, Klepper & Kahl

10:00 – 10:30 Break (Coffee in Exhibit Hall)

10:30 – 12:00 Noon Second Concurrent Sessions

SESSION 2A

Dam Safety I – Dam Maintenance Issues,
Virginia State Perspectives

SESSION 2B

Modeling for Planning and Design

Mr. Jon Phillippe, Dept. of Conservation &
Recreation

Dr. Ken Young, GKY and Associates, Inc..

Those Dam Details—Joseph Haugh, Director, Dam
Safety, DCR

Bassett Hall Pond Dam, Williamsburg, VA—Chuck
Kahler, Schnabel Engineering Associates, Inc.

Emergency Repairs and Modification of Spillways
to the North Carolina Indian Cultural Center Dam—
H. Tillman Marshall, P.E., Applied Geosciences &
Engineering

Considering Hydrodynamics in the Development of
Adaptive TMDLs for Virginia's River and
Streams—Dann Sklarew, SAIC

An Interactive Early Flood Warning System—
Nathan Beil, KCI Technologies

Using a Tidal Prism Model as a Screening Tool to
Predict Water Quality Responses in a Tidal Fresh-
water Creek in Hopewell, VA—Mark McElroy,
Malcolm Pirnie

Those Dam Beavers—Duncan C. McGregor and
Jon Phillippe, DCR

WISE Water Quality Module: An Economical
Method of Assessing the Impacts of Development
on Water Quality—Scott K. Edelman, PE, Hayes,
Seay, Mattern & Mattern, Inc.

Those Dam Trees—Jon Phillippe, DCR

Monday Afternoon, March 13, 2000

Noon – 1:30 PM Luncheon (Banquet Hall)

Keynote Address: Honorable John Paul Woodley, Jr., Secretary of Natural Resources

1:45 – 3:15 PM Third Concurrent Sessions

SESSION 3A
NPDES

SESSION 3B
Watershed Mgmt & Planning

SESSION 3C
Practice of Floodplain Mgmt I

Mr. Stuart Stein, GKY and
Associates, Inc.

Mr. James Spitz, Smith
Mountain Lake

Mr. James Rakestraw,
Arlington County

Stormwater Management in
Loudoun County—Bruce

Nonpoint Wastewater Treatment
from Safe Disposal to a Framework
for Watershed Management—Mark

LOMRS/VDOT—Dave Preusch,

McGranahan, Loudoun County	Lubbers, AWT Environmental, Inc.	Michael Baker, Jr.
Tools for Implementing the Phase II NPDES Municipal Storm Water Program—James Collins, Tetra Tech, Inc.	HR STORM—Julia Hillegass, Hampton Roads Planning District Commission	Dam Safety and Floodplain Management: Whether Shall the Twain Meet?—Joseph Haugh, Director, Div. of Dam Safety, DCR
Requirements of the Phase II Stormwater Regulations on Local Governments—Hugo Valverde, Hampton Roads Planning District Commission	Development of a Model Water Supply Watershed, Management Ordinance for the Hampton Roads Region, Eric Walberg, Hampton Roads Planning District Commission	NFIP-CRS Administration at the Local Level Remapping Floodplains in an Urban Environment—James Rakestraw, PE, Arlington County
City of Virginia Beach Storm Water Management Program Four Year Summary—Mark Johnson, PE, Virginia Beach DPW	Low Impact Development Planning and Design Strategies and Techniques for Living Resource Protection—Neil Weinstein, Low Impact Development Center, Inc.	City of Manassas Regional Stormwater Management Program, Case Study of a Proposed Regional Stormwater Management Facility in a FEMA Floodplain—Geoffrey Cowan, Dewberry & Davis
Stormwater Permitting Phases I and II—Mr. Burt Tuxford, DEQ,		

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

3:30 – 5:00 PM Fourth Concurrent Sessions

SESSION 4A Stormwater Program <i>Mr. Stuart Finley, Lake Barcroft WID</i>	SESSION 4B Monitoring and Tracking Mr. Stuart Stein, GKY and Associates, Inc.	SESSION 4C Rehabilitation and Repair Mr. Richard Dameron, VA DCR
Retrofitting an Urban Tidewater Watershed—Bill Frost, PE, KCI Technologies	Tracking Effects of Best Management Practices on Nutrient Loading in Virginia's Watersheds—Dann Sklarew, SAIC	The Underwater Installation of a Drained Geomembrane System on Lost Creek Dam—John Wilkes, CARPI USA
Maintenance of Urban Stormwater Facilities—Scott R. St. Clair, PE, Fairfax County DPW	Development of Effectiveness Indicators for Stormwater and Watershed Management Programs—Fernando Pasquel, CH2M HILL	Kerr Lake Shoreline Stabilization—Nathan Beil, KCI Technologies
Stormwater Management in Perspective—Kambiz Agazi, Ph.D., PE, Fairfax Co.	Water Quality Studies at Smith Mountain Lake: Beyond Trophic Monitoring—Carolyn L. Thomas, Ph.D., Ferrum College	Identifying and Prioritizing Restoration Projects within the Sugarland Run Watershed—Andrea Ryon, CH2M HILL
Stormwater Utility Movement in Virginia—Richard Brawley, GKY & Associates, Inc.	Pollutant Source Identification and Tracing in an Urban Watershed—Don Waye, NVPDC	Two Case Studies of Urban Stream Bank Stabilization Projects—Andrew Gould, PE, TIMMONS

Monday evening, March 13, 2000

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

6:30 – 7:00 PM Virginia Lakes and Watersheds Association Business Meeting (Banquet Hall)

Tuesday Morning, March 14, 2000

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

8:00 – 9:30 AM Fifth Concurrent Sessions

SESSION 5A Panel Discussion Bringing Together TMDLs, NPDES Phase II, and Tributary Strategies Mr. Tim Davey, TIMMONS	SESSION 5B Dam Safety II – Dam Operation and Design Issues—Owners’ and Engineers’ Perspective Mr. Jon Phillippe, DCR
TMDL Development—Mark Bennett, VA DCR TMDLs—Thomas Henry, USEPA, Region III Tributary Strategies—Collin Powers, VA DEQ TMDL and NPDES Phase II—Charles Martin, VA DEQ	Newport News Pro-Active Dam Safety During Hurricane Floyd—Walter Hancock, Wiley & Wilson Operation Experience with Fairfax’s Stormwater Dams—Dave Brown, County of Fairfax, DPW & Environmental Services Big Cherry Dam Rehabilitation Project—Geoffrey Cowan, Dewberry & Davis

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

10:00 – 11:30 AM Sixth Concurrent Sessions

SESSION 6A	SESSION 6B	SESSION 6C
Floodplain Management in Virginia Mr. John Matusik, The Engineering Groupe, Inc.	Wetland Mitigation Mr. David Rosenthal, City of Norfolk	Action Programs Dr. Ken Young, GKY and Associates, Inc.
Learning the Lessons from Hurricane Floyd, The NFIP Community Rating System’s Planning Role in Flood Mitigation—Doug Moseley, VA DCR	Adding Water Quality Functions to your Wetland Mitigation Site—Marsh Zellhoefer, HDR Engineering, Inc.	Evaluation, Condition Assessment and Maintenance Budgeting for Drainage Ditches—Lamont “Bud” Curtis, PE, URS Greiner Woodward Clyde
Floodplain Management Strategies that Utilize the National Flood Insurance Program and Federal Grants/Loans—Richard Dameron, VA DCR	Reedy Creek Watershed Improvement Activities in Richmond, VA—Michael Patey, PE, HDR Engineering, Inc.	Stormwater Innovations—Stuart Finley, Lake Barcroft WID
FEMA Initiatives in Virginia—John Magnotti, FEMA	Wetland Mitigation Design and Construction at Cogbill Road, Chesterfield County, VA—Drew Gould, PE, TIMMONS	Runoff Control at Downtown Greens Community Garden, Fredericksburg, Virginia—Laura Shepherd, Director, Downtown Greens

Hurricane Floyd: A Wake-Up Call
for Eastern Virginia—Corey
Garyotis, VA DCR

City of Virginia Beach, Virginia,
Wetlands Mitigation Banking
Program—Jeffrey Waller, PE, City
of Virginia Beach

Prince William County Water
Quality Restoration Project—Madan
Mohan, Prince William County

Noon – 1:30 PM Luncheon (Banquet Hall)

**Dam Safety Awards Presentations and Keynote Address: David G. Brickley, Director,
Virginia Department of Conservation and Recreation**

Tuesday Afternoon, March 14, 2000

1:30 – 2:30 PM Virginia Floodplain Management Association Meeting (Place TBA)