

PROGRAM

SUNDAY, MARCH 7, 2004

- 1:00 PM Virginia Lakes & Watershed Association Golf Tournament
Heron Ridge Golf Course, Virginia Beach
- 2:00 – 6:00 PM Exhibitors' Display Set Up (Exhibitors' Area)
- 5:00 – 7:00 PM Registration (Conference Reception Desk)
- 5:30 – 7:00 PM Meeting of VLWA Board of Directors (Elm Room)
- 7:00 – 8:30 PM Exhibitor and Early Registrant's Reception (President's Suite-Room #1234)

MONDAY MORNING, MARCH 8, 2004

- 7:00 – 8:00 AM Registration and Check-In (Conference Reception Desk)
- 7:30 AM Coffee and Pastries (Grand Ballroom)
- 8:00 – 9:00 AM President's Welcome – David Rosenthal, President, VLWA
- 9:15 – 10:30 First Concurrent Sessions**

SESSION 1A Environmental Restoration

Ved Malhotra, Michael Baker Corp

Snakeden Branch Stream Restoration—Stuart Stein, Seth Brown, GKY&A, Diana Saccone, Larry Butler, Reston Association

Renovate™ Product Development Update: Review of First Year Results with a New Selective Aquatic Herbicide, Shaun Hyde, SePRO Corp

Wellesley Shoreline Stabilization—Michael Claud, Kestra Miller, Timmons Group

Aerators Help Lakes—Benjamin Stephenson, Student, King's Fork Middle School

SESSION 1B Dams 1

Dianna Scheesley, VA Division of Dam Safety and Floodplain Management

Impoundment and Dam Safety Laws, Regulations, Requirements, Forms, and Procedures—Thomas Roberts, VA Div. of Dam Safety and Floodplain Management

Common and Uncommon Problems with Old & New Dams-Lessons Learned—Dianna Sheesley, VA Div. of Dam Safety and Floodplain Management

Maintenance-Maintenance-Maintenance! Requirements, Recommendations, and Common Sense, Dianna Sheesley, VA Div. of Dam Safety and Floodplain Management

10:45 – 12:00

Second Concurrent Sessions

**SESSION 2A
WATERSHED MANAGEMENT**

Laurens van de Tak, CH2M HILL

Comprehensive Stream Physical Assessment and GIS Data Management Tools Support-Fairfax County's Watershed Management Program— Laurens van der Tak, Cheri Edwards, Phillip Sacco, CH2M HILL

*Public Involvement for the Little Hunting Creek Watershed Management Plan: George Washington Would Be Proud—*Shelly Frie, Woolpert LLP, Fred Rose, Paul Shirey, Fairfax County Dept. of Public Works and Environmental Services

*United States Department of Agriculture, Natural Resources Conservation Service Watershed Dam Rehabilitation in Virginia—*Mathew Lyons, Wade Biddix, USDA NRCS

*Stormwater Best Management Practices and West Nile Virus: A look at conscientious design and control measures—*Austin Meyermann, BaySaver Tech.

**SESSION 2B
DAMS 2**

Thomas Roberts, VA Division of Dam Safety and Floodplain Management

Being Prepared for Failure—Why a Good Emergency Action Plan is the Most Important Part of a Dam— Thomas Roberts, VA Division of Dam Safety and Floodplain Management

*Spillway Issues: Deficiencies, Changes in Conditions and Resulting Changes in Requirements—*Thomas Roberts, VA Division of Dam Safety and Floodplain Management

*Conduits, Pipes, & Gate Valves—The Good, the Bad, and The Ugly—*Scott Cahill, Watershed Services

12:15 – 1:15 PM

Luncheon (Grand Ballroom)

**Keynote Address: Dr. Kenneth H. Reckhow, Professor, Duke University
“The Future of TMDLs – Where Do We Go From Here?”**

MONDAY AFTERNOON, MARCH 8, 2004

1:30 – 2:45 PM

Third Concurrent Sessions

**SESSION 3A
NPDES STORMWATER**

Ken Dierks, Kimley-Horn and Associates

*Implementing NPDES Phase II/Public Education and Public Involvement—*Lamont Curtis, Parsons Brinckerhoff Quade and Douglas, Inc.

*Developing Standard Operating Procedures to Meet Loudoun County VPDES Requirements—*Christine Estes, Stuart Stein, GKY&A; James Suddreth, Loudoun Co. Public Works

*Enhancing Water Quality and Addressing Roadway Runoff Issues for Storm Water Management Basins and BMPs—*Glenn Bottomley, Parsons Brinckerhoff Quade and Douglas, Inc.

*Complying With The Stormwater General Permit Requirements For Construction Sites—*Karl Smithson, City of Virginia Beach Public Works Dept., Ken Dierks, Kimley-Horn and Associates

**SESSION 3B
DAMS 3**

Scott Cahill, Watershed Services

*Dam Safety: A National Concern —*Dianna Sheesley, VA Division of Dam Safety and Floodplain Management

*Lake Caroline Dam Spillway Improvements—*Michael Claud, Timmons Group, Scott Cahill, Watershed Services

*What To Do If Your Dam Blows Out—*Jon Phillippe, J.T. Phillippe, PE, LS

*Choosing the Right Contractor and Engineer for your Dam Project—*Lisa Cahill, Watershed Services

3:15 – 4:30 PM Fourth Concurrent Sessions

**SESSION 4A
Water Quality Management**

Jean Gregory, VA DEQ

The Role of User Perception Surveys in the Development of Regulatory Nutrient Criteria for Virginia Lakes—Jean Gregory, VA DEQ

Fecal Coliforms, E. coli, and Humans' Influences on Smith Mountain Lake—Dr. Carolyn Thomas, Dr. David Johnson, Ferrum College

Cooperative Approach to TMDL Development in an Urban Environment: VA DEQ and the City of Virginia Beach—Chet Bigelow, VA DEQ, Steve McLaughlin, Virginia Beach Public Works

**SESSION 4B
FLOODPLAINS 1**

*DAVID PREUSCH, MICHAEL
BAKER CORPORATION*

FEMA Map Modernization Update—Andrea Ryon, Fernando Pasquel, Michael Baker Corporation

New Planning Strategies-Linking Automated Flood Mapping with HAZUS —Jeffrey Sparrow, AMEC Earth & Environmental, Inc.

Impact of Hurricane Isabel on Floodplain Management in Virginia — Corey Garyotis, DCR, Floodplain Program Manager, State NFIP Coordinator

MONDAY EVENING, MARCH 8, 2004

4:45 – 6:00 PM

Reception

6:00 – 6:30 PM

Virginia Lakes and Watersheds Association Business Meeting (Grand Ballroom)

TUESDAY MORNING, MARCH 9, 2004

8:30 – 9:45 AM Fifth Concurrent Sessions

SESSION 5A Watershed Hydrology <i>Dan Sweet, KCI Technologies, Inc.</i>	SESSION 5B Floodplains 2 <i>Shane Parson, Virginia Tech</i>
<i>The Low Impact Feasibility Evaluation (LIFE™) Model: An Continuous Simulation Model for Low-Impact Development Hydrology</i> —Daniel Medina, Avinash Patwardhan, Tim Hare, Patrick Graham, Jared Thorpe, CH2M HILL	<i>Natural Channel Design and Floodplain Management</i> —Robert Siegfried, KCI Technologies, Inc.
<i>Predicting Wetland Creation Water Budgets-How Well Do We Do?</i> —Marsh Zellhoefer, Michael Patey, HDR Engineering	<i>Chesapeake Bay Preservation Act Amendments and Local Implementation Case Study: Alexandria, VA</i> —Douglas Moseley, AMEC, Andrea Ryon, Michael Baker Jr., Inc., David Bulova, AMEC Earth & Environmental, Inc., Kevin Shunk, City of Alexandria
<i>Stream Gauging and the Development of Stage-Discharge Relationships in Stream and Wetland Mitigation Design</i> —Dan Sweet, KCI Technologies, Inc.	<i>Funding, Organizing, and Managing Community Flood Map Update Programs</i> —Michael DePue, Kristen Martinenza, Joseph Martinenza, Jr., PBS&J

10:15 – 11:30 AM Sixth Concurrent Sessions

SESSION 6A Watershed Management and Maintenance <i>Elizabeth Hagen, Virginia Tech</i>	SESSION 6B Floodplains 3 <i>Michael DePue, PBS&J</i>
<i>Factors Affecting the Water Quality of a Supply Reservoir in the Lower Coastal Plain, Virginia</i> —Gary Speiran, Nancy Simon, Maria Mood, U.S. Geological Survey	<i>The Benefits of FEMA's Cooperating Technical Partners Program (CTP)</i> —Necolle Maccherone, PBS&J
<i>How the City of Virginia Beach Found, Mapped and Cleaned, Hurricane Isabel Generated Woody Debris from its Open Drainage Systems</i> —Vasilios Andreou, City of Virginia Beach	<i>Automated Hydraulics and Hydrology Within the Framework of the FEMA DFIRM Guidelines</i> —Michael DePue, William Walker, PBS&J
<i>Allochthonous Input in Southern Appalachian Streams Impacted by Agricultural Land Use</i> —Elizabeth Hagen, Jackson Webster, VPI&SU	<i>Automating FEMA's DFIRM Map Production Process with PBS&J's DFIRM Tools Extension v2.0</i> —Mike Sheffer, PBS&J

11:45 – 1:00 PM Luncheon (Grand Ballroom)

Dam Safety Awards Presentations – Andrew Gould

TUESDAY AFTERNOON, MARCH 9, 2004

1:30 – 3:30 PM Virginia Floodplain Management Association Annual Business Meeting