# 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 AM  
First Concurrent Sessions

<table>
<thead>
<tr>
<th>SESSION 1A</th>
<th>SESSION 1B</th>
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<tbody>
<tr>
<td>Environmental Restoration</td>
<td>Dams 1</td>
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<tr>
<td><em>Ved Malhotra, Michael Baker Corp</em></td>
<td><em>Dianna Sheesley, VA Division of Dam Safety and Floodplain Management</em>**</td>
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<td><em>Renovate™ Product Development Update: Review of First Year Results with a New Selective Aquatic Herbicide</em>—Shaun Hyde, SePRO Corp</td>
<td><em>Common and Uncommon Problems with Old &amp; New Dams-Lessons Learned</em>—Dianna Sheesley, VA Div. of Dam Safety and Floodplain Management</td>
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<td><em>Aerators Help Lakes</em>—Benjamin Stephenson, Student, King’s Fork Middle School</td>
<td><em>Recommendations and Common Sense</em>—Dianna Sheesley, VA Div. of Dam Safety and Floodplain Management</td>
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## Second Concurrent Sessions

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<tr>
<td><strong>WATERSHED MANAGEMENT</strong></td>
<td><strong>DAMS 2</strong></td>
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<tr>
<td>Laurens van de Tak, CH2M HILL</td>
<td>Thomas Roberts, VA Division of Dam Safety and Floodplain Management</td>
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- **Comprehensive Stream Physical Assessment and GIS Data Management Tools Support-Fairfax County’s Watershed Management Program**—Laurens van de Tak, Cheri Edwards, Phillip Sacco, CH2M HILL
- **Public Involvement for the Little Hunting Creek Watershed Management Plan: George Washington Would Be Proud**—Shelly Erc, 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.

### 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

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<th>SESSION 3A</th>
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<td><strong>NPDES STORMWATER</strong></td>
<td><strong>DAMS 3</strong></td>
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<tr>
<td>Ken Dierks, Kimley-Horn and Associates</td>
<td>Scott Cahill, Watershed Services</td>
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- **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 Sudreth, 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

- **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 Phillipe, J.T. Phillipe, PE, LS
- **Choosing the Right Contractor and Engineer for your Dam Project**—Lisa Cahill, Watershed Services
### 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 1
**FLOODPLAINS 1**

*DAVID PREUSCH, MICHAEL BAKER CORPORATION*

- *FEMA Map Modernization Update*—Andrea Ryon, Fernando Pasquel, Michael Baker Corporation
- *Impact of Hurricane Isabel on Floodplain Management in Virginia*—Corey Garyotis, DCR, Floodplain Program Manager, State NFIP Coordinator

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**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**

**SESSION 5A  
Watershed Hydrology**  
*Dan Sweet, KCI Technologies, Inc.*

- *Predicting Wetland Creation Water Budgets—How Well Do We Do?*—Marsh Zellhoefer, Michael Patey, HDR Engineering
- *Stream Gauging and the Development of Stage-Discharge Relationships in Stream and Wetland Mitigation Design*—Dan Sweet, KCI Technologies, Inc.

**SESSION 5B  
Floodplains 2**  
*Shane Parson, Virginia Tech*

- *Natural Channel Design and Floodplain Management*—Robert Siegfried, KCI Technologies, Inc.
- *Chesapeake Bay Preservation Act Amendments and Local Implementation Case Study: Alexandria, VA*—Douglas Moseley, AMEC, Andrea Ryon, Michael Baker Jr., Inc., David Bulova, AMEC Earth & Environmental, Inc., Kevin Shunk, City of Alexandria
- *Funding, Organizing, and Managing Community Flood Map Update Programs*—Michael DePue, Kristen Martinenza, Joseph Martinenza, Jr., PBS&J

**10:15 – 11:30 AM  
Sixth Concurrent Sessions**

**SESSION 6A  
Watershed Management and Maintenance**  
*Elizabeth Hagen, Virginia Tech*

- *Factors Affecting the Water Quality of a Supply Reservoir in the Lower Coastal Plain, Virginia*—Gary Speiran, Nancy Simon, Maria Mood, U.S. Geological Survey
- *How the City of Virginia Beach Found, Mapped and Cleaned, Hurricane Isabel Generated Woody Debris from its Open Drainage Systems*—Vasilios Andreou, City of Virginia Beach
- *Allochthonous Input in Southern Appalachian Streams Impacted by Agricultural Land Use*—Elizabeth Hagen, Jackson Webster, VPI&SU

**SESSION 6B  
Floodplains 3**  
*Michael DePue, PBS&J*

- *The Benefits of FEMA’s Cooperating Technical Partners Program (CTP)*—Necolle Maccherone, PBS&J
- *Automated Hydraulics and Hydrology Within the Framework of the FEMA DFIRM Guidelines*—Michael DePue, William Walker, PBS&J
- *Automating FEMA’s DFIRM Map Production Process with PBS&J’s DFIRM Tools Extension v2.0*—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