

## **APPENDIX C**

### **U.S. EPA/NCEA WORKSHOP—AGENDA AND PARTICIPANTS**

On November 14–15, 2006, U.S. EPA/NCEA sponsored a workshop entitled “Weighing the Ecological Risks, Benefits, and Costs in Use Attainment Decisions.” The focus of the workshop was an earlier draft of this report (Chapters 1 through 4). The objectives of the 2-day workshop were to (1) critically examine the draft report, (2) employ three case studies of use-attainment problems to evaluate a draft implementation process and (3) hold discussions with practitioners and stakeholders to establish processes and methods for incorporating community preferences into water quality management decisions. The workshop brought together 20 experts from various parts of U.S. EPA, from state and local organizations, and from Research Triangle Institute. The workshop agenda and the roster of participants are included below.

#### **C.1. WORKSHOP AGENDA**

#### **WEIGHING ECOLOGICAL RISKS, COSTS, AND BENEFITS IN USE-ATTAINMENT DECISIONS**

November 14-15, 2006

Andrew W. Breidenbach Environmental Research Center  
26 W. Martin Luther King Drive  
Cincinnati, OH 45268

Sponsor: National Center for Environmental Assessment—Cincinnati Office (NCEA-Cin),  
U.S. Environmental Protection Agency

General Sessions in Room 130

Case Study #1—Acid Mine Drainage in Room AG-30

Case Study #2—Combined Sewer Overflow (CSO) in Room 138

Case Study #3—Agriculture and Development in Watershed in Room 130

## WORKSHOP SCHEDULE

**Tuesday, November 14, 2006**

8:00     **Registration**

8:30     **Welcome and Opening Remarks,  
Goals and Objectives of the Workshop**  
*Matt Heberling, EPA/NCEA*

**Review of Workshop Agenda and Ground Rules**

*David Driscoll, RTI*

**Introduction of Workshop Participants**

**Summary Review of the *EPA Report***

*Matt Heberling, EPA/NCEA*

9:30     **Discussion and Critique of the *EPA Report***

- Discussion of Chapters 1 and 2

*David Pfeiffer, USEPA*

- Q&A

- Discussion of Chapter 3

*Anne Sergeant, USEPA*

- Q&A

- Discussion of Chapter 4

*Hale Thurston, USEPA*

- Q&A

10: 30 ***Break***

10:45 **General Discussion of the 3 Report Critiques**

*David Driscoll, RTI*

11:15 **Overview of 3 Case Studies for Working Groups**

- Case Study #1—Acid Mine Drainage

*Evan Hansen*

- Case Study #2—Combined Sewer Overflow (CSO)

*Jason Heath*

- Case Study #3—Agriculture and Development in Watershed

*Adam Schnieders*

12:30 ***Lunch***

1:30 **Breakout Session 1: Framing the WQS Problem Using the Expanded Conceptual Model(s)**

3:15 ***Break***

3:30 **General Session: Review of Breakout Session 1**

*George Van Houtven, RTI*

- Summary of Case Study 1 Framework

*Person selected by break out group*

- Summary of Case Study 2 Framework

*Person selected by break out group*

- Summary of Case Study 3 Framework
  - *Person selected by break out group*

4:30      **General Discussion of Session 1**

*George Van Houtven, RTI*

5:00      ***Adjourn***

**Wednesday, November 15, 2006**

**8:30      Welcome and Opening Remarks for Day 2**

**Summary of Issues from Breakout Session 1**

*George Van Houtven, RTI*

**9:00      Breakout Session 2: Applying the Framework and Assessment Tools to Support WQS Decision-Making**

**10:45     *Break***

**11:00     General Session: Review and Discussion of Breakout Session 2**

- Summary of Case Study 1 Process
  - *Person selected by break out group*
- Summary of Case Study 2 Process
  - *Person selected by break out group*
- Summary of Case Study 3 Process
  - *Person selected by break out group*

**12:30     *Lunch***

**1:30      Summary of Issues from Breakout Session 2**

*David Driscoll, RTI*

**1:45      Discussion of Recommendations and Next Steps**

3:30     **Closing Remarks and Workshop Summary**

4:00     *Adjourn*

## **C.2. ROSTER OF WORKSHOP ATTENDEES**

### **Robert Broz**

University of Missouri, Extension Faculty  
Columbia, MO

### **Randall Bruins**

U.S. EPA, Office of Research and Development, National Exposure Research Laboratory  
Cincinnati, OH

### **Timothy Connor**

U.S. EPA, Office of Water, Water Quality Standards Program  
Washington, DC

### **David Driscoll**

Research Triangle Institute  
Research Triangle Park, NC

### **Nancy Ellwood**

Millcreek Valley Conservancy District  
Hamilton, OH

### **Jacquelyn Ferguson**

U.S. EPA, Region 7, Southwest Missouri Field Office  
Springfield, MO

### **Evan Hansen**

Downstream Strategies, LLC  
Morgantown, WV

**Jason Heath**

Ohio River Valley Water Sanitation Commission  
Cincinnati, OH

**Matthew Heberling**

U.S. EPA, Office of Research and Development, National Risk Management Research  
Laboratory  
Cincinnati, OH

**Tara A. Maddock**

Mill Creek Watershed Council of Communities  
Cincinnati, OH

**Kimberly Matthews**

Research Triangle Institute  
Research Triangle Park, NC

**Matthew Morrison**

U.S. EPA, Office of Research and Development, National Risk Management Research  
Laboratory  
Cincinnati, OH

**David Pfeifer**

U.S. EPA, Region 5  
Chicago, IL

**Elliot Rosenberg**

U.S. EPA, Region 10  
Seattle, WA

**Adam Schnieders**

Iowa Department of Natural Resources  
Des Moines, IA

**Anne Sergeant**

U.S. EPA, Office of Research and Development, National Center for Environmental Research  
Washington, DC

**Dan Sweeney**

U.S. EPA, Region 3  
Philadelphia, PA

**Hale Thurston**

U.S. EPA, Office of Research and Development, National Risk Management Research  
Laboratory  
Cincinnati, OH

**Michael Troyer**

U.S. EPA, Office of Research and Development, National Center for Environmental Assessment  
Cincinnati, OH

**George Van Houtven**

Research Triangle Institute  
Research Triangle Park, NC