

## APPENDIX C

### **Appalachian Region Water and Sewer Needs Assessment: Consultations and Discussion Forums**

#### **Organizations Consulted**

People in the following organizations were consulted in meetings and phone interviews concerning drinking water and clean water needs surveys in the ARC region:

EPA Region 3, Clean Watersheds Needs Survey Program

AL Department of Environmental Management, Water Division

GA Department of Natural Resources, Environmental Protection Division,  
Water Protection Branch

KY Bluegrass Area Development District

KY Division of Water, Drinking Water Branch

KY Division of Water, Facilities Construction Branch, Municipal Planning  
Section

KY Infrastructure Authority

KY Kentucky River Area Development District

KY Lake Cumberland Area Development District

KY Northern Kentucky Area Development District

MD Department of the Environment, Water Quality Infrastructure Program

MS Department of Environmental Quality, Office of Pollution Control,  
Construction Branch,

NC Department of Environment and Natural Resources, Division of Water  
Quality

NC Department of Environment and Natural Resources, Division of Water  
Quality, Public Water Supply

NC Rural Economic Development Center

NY Department of Environmental Conservation, New York State  
Environmental Facilities Corporation

OH EPA, Division of Drinking and Ground Waters, Water Supply Revolving  
Loan Account

OH Public Works Commission

PA Department of Environmental Protection, Bureau of Water Supply and  
Wastewater Management

PA Department of Environmental Protection, Clean Watersheds Needs  
Survey Program

SC Department of Health and Environmental Control, Bureau of Water

SC Department of Health and Environmental Control, Clean Watersheds  
Needs Survey Program

TN Advisory Commission on Intergovernmental Regulations

TN Department of Environment and Conservation, Division of Community  
Assistance

VA Department of Environmental Quality, Construction Assistance Program

VA Department of Health, Division of Water Supply Engineering

WV Department of Health and Human Resources

WV Infrastructure and Jobs Development Council

WV State Revolving Fund Program

### **Discussion Forums on Preliminary Results**

UNCEFC held several forums to discuss the preliminary results of the Appalachian region water and sewer needs assessment. Following is a brief

summary of these forums with a list of forum attendees and the organizations they represent.

**EPA Region 4 Meeting, July 6, 2004**

UNCEFC presented the preliminary ARC findings to a group at EPA Region 4. Some of the topics discussed included water and wastewater gaps, water and wastewater service and needs, and public capital project funding; attendees included:

Wayne Aronson, Permits, Grants and Technical Assistance Branch

Betty Barton, Grants and Technical Assistance Section

Ben Chen, Grants and Technical Assistance Section

Bill Cox, Watersheds & Nonpoint Source Section

Dale Froneberger, Water, Ground Water & Drinking Water

Jim Giattina, Waste Management Division

Jeff Hughes, University of North Carolina, Environmental Finance Center

David Parker, Eastern Enforcement Section

Matt Richardson, University of North Carolina, Environmental Finance  
Center

Tom Welborn, Wetlands, Coastal & Watershed Branch

Lynn Weller, University of North Carolina, Environmental Finance Center

**Environmental Finance Advisory Board (EFAB) Workgroup Meeting, August 13, 2004, and Phone Conferences**

UNCEFC had a series of informal meetings and phone conferences to discuss the ARC study preliminary findings with the EFAB, an advisory group to the administrator of EPA and program offices on how to pay for environmental protection. The EFAB consists of experts from all levels of finance and

government, including elected officials, the finance and banking communities, business and industry, and national organizations. Two components of the ARC study in particular have implications for the EFAB's Joint-Operations SRF Work Group: the funding manager's survey and the public funding inventory. The UNCEFC described these components and the preliminary findings of the study to the workgroup.

### **Syracuse Roundtable Discussion, August 25, 2004**

The Syracuse University Environmental Finance Center facilitated a roundtable discussion of the preliminary results of the ARC study. Some of the key topics were issues with needs surveys, how the surveys define "needs," and under-reporting. There were also discussions of how to bridge the funding gap, as well as the knowledge gap; attendees included:

Charlie Amento, New York State Department of Health

Robert Augenstern, Southern Tier East Regional Planning Board

Jeremy Campbell, New York State Department of Environmental  
Conservation

Lynn Cebula, Southern Tier East Regional Planning Board

Susan Delehanty, New York State Environmental Facilities Corporation

Diane Hill, New York State Governor's Office for Small Cities

Ginger Malak, Southern Tier West Regional Planning Board

Susan Mayer, New York State Environmental Facilities Corporation

Eric McCandless, New York State Environmental Facilities Corporation

Tom McGarry, New York State Governor's Office for Small Cities

David Miller, U.S. Department of Agriculture, Rural Utilities Service

Scott Mueller, Rural Community Assistance Partnership (RCAP) Solutions,  
Inc.

Catherine Rees, Rural Community Assistance Partnership (RCAP) Solutions,  
Inc.

Chris Rienzo, New York State Environmental Facilities Corporation

Pat Scalera, New York State Rural Water Association

J. C. Smith, New York State Environmental Facilities Corporation

Jim Stearns, New York State Environmental Facilities Corporation

Fred Testa, New York State Environmental Facilities Corporation

Kyle Wilber, New York State Department of State Division of Local  
Government

**Washington, D.C., Meeting, October 19, 2004**

UNCEFC made a presentation to ARC, EPA, and others in federal EPA Washington, D.C., offices. Topics discussed included the current state of water and wastewater service in the ARC region, the critical infrastructure needs in the region, and the types of gaps that exist and the capacity to bridge those gaps. The group also discussed the financial management and financing strategies that are likely to have the biggest impact on service in the region and what funding agencies and technical assistance providers can do to improve and expand service in the region; attendees included:

Steve Allbee, EPA, Office of Wastewater Management (OWM), Municipal  
Support Division (MSD)

George Ames, EPA, CWSRF

Bob Barles, EPA, Office of Groundwater and Drinking Water (OGWDW)

Ron Bergman, EPA, OGWDW

Jenny Bielanski, EPA, OGWDW

Greg Bishak, ARC

Veronica Blette, EPA, OGWDW

Katherine Dowell, EPA, Office of Water (OW), Water Policy Staff

Shadi Eskaf, University of North Carolina, Environmental Finance Center

Rick Farrell, Council of Infrastructure Financing Authorities

Len Fleckenstein, EPA, OW, Water Policy Staff

Sheila Frace, EPA, OWM, MSD

Jan Goodwin, EPA, OWM

Steve Heare, EPA, Drinking Water Protection Division

Adriana Hochberg, EPA, OWM, MSD

Steve Hogy, EPA, OWM, MSD

Jeff Hughes, University of North Carolina, Environmental Finance Center

Jim Maras, U.S. Department of Agriculture, Rural Utilities Service

Joe McNealy, EPA, OGWDW

Tim McProuty, EPA, Office of the Chief Financial Officer, Electronic Fund  
Transfer

Dan Nees, University of Maryland, Environmental Finance Center

Michelle O'Herron, University of Maryland, Environmental Finance Center

Michael Plastino, EPA, OW, Detail to OWM

Matt Richardson, University of North Carolina, Environmental Finance  
Center

Ben Shuman, U.S. Department of Agriculture, Rural Utilities Service

Afsheen Siddiqi, University of Maryland, Environmental Finance Center

Eric Stockton, ARC

Molly Theobald, ARC

Phil Zahreddine, EPA, OWM, MSD, Municipal Technology Branch

UNCEFC conducted a forum to discuss onsite sanitation funding in the western North Carolina region, which includes portions of the ARC region. The meeting gathered stakeholders involved in financing onsite wastewater system repair and maintenance programs to advance understanding of centralized financing mechanisms. The group looked at several North Carolina case studies as well as models from other states that use Clean Water State Revolving Fund (SRF) funds for onsite repair programs. Some key discussions included the need to create finance models that are self-sustaining because of the decrease in grants, and the need to involve local health departments in managing onsite funding systems; attendees included:

Susan Austin, University of North Carolina, School of Government

Michele Ball, Region D Council of Governments (COG)

Tom Barefoot, U.S. Department of Agriculture

Terry Bolick, Catawba County, North Carolina

Ken Castelloe, Buncombe County (N.C.) Health Department

Gerold Elliot, Ashe and Allegheny County Health Departments, Appalachian Health Districts

Chad Ensley, Swain County, North Carolina

Rich Holder, North Carolina Rural Communities Assistance Project

Ron Holdway, Orange County (N.C.) Health Department

Jeff Hughes, University of North Carolina, Environmental Finance Center

Pam Hysong, U.S. Department of Agriculture

Terrell Jones, North Carolina Department of Environment and Natural

Resources, Division of Environmental Health , Onsite Wastewater section

Karen Kienha, Land-of-Sky Regional Council

Tom Massie, Clean Water Management Trust Fund

Keith Rowland, Buncombe County (N.C.) Health Department

Mike Struve, Water Quality Administrator

Teresa Spires, Isothermal Planning & Development Commission

Evie Tashie, Equinox Environmental Consultation and Design, Inc.

Lynn Weller, University of North Carolina, Environmental Finance Center