

2nd National Water Quality Trading Conference
Implementation at the Watershed Scale

May 23–25 2006

The Westin Convention Center • Pittsburgh, Pennsylvania



Draft Program 5-9-06

Tuesday, May 23

8:30 a.m. Plenary Session *Paving the Way for Trading — Part I*

Session Chair: Craig Derickson, Pennsylvania State Conservationist,
USDA-NRCS

Featured Speakers:

Jon Scholl, Agricultural Advisor to the Administrator, USEPA

Merlyn Carlson, Deputy Under Secretary for Natural Resources and
Environment, USDA

Kathleen McGinty, Secretary, Pennsylvania Department of Environmental
Protection

10:00 a.m. Break

10:30 a.m. Plenary Session *Paving the Way for Trading – Part II*

Session Chair: Craig Derickson, Pennsylvania State Conservationist,
USDA-NRCS

Featured speakers:

Sally Collins, Associate Chief, Forest Service, USDA

Ronda Sandquist, Jackson Kelly PLLC, Colorado

Bryon Griffith, Director, Gulf of Mexico Program Office, USEPA

11:30 a.m.: Lunch

1:00 p.m. to 5:00 p.m. Concurrent Sessions

Each session will take a break at 3 p.m.

Session I *Trading with Nonpoint Sources*

Moderator: William Herz, Fertilizer Institute

- BMP "Net Returns" Guaranty for Farmers, *Thomas Green, IPM Institute*
- A Cost-Effect Watershed Nitrogen and Phosphorus Water Monitoring Strategy Designed to Support Water Quality Trading, *Mark Colosimo, U.S. Section, International Joint Commission*
- Establishing Water Quality Trading Banks: Opportunities and Barriers, *Antje Siems, Abt Associates Inc.*
- Precursors to Markets and Trading for Ecosystem Services Through Agricultural Incentives, *Alex Echols, Sand County Foundation*

- Achieving Greater Reliability in Water Quality Trading Programs with Nonpoint Sources through Explicit Safety Requirements and Reliability-Graded Trades, *James Shortle, Penn State University*

Session II *Trading Program Design 1*

Moderator: Carl Lucero, National Leader for Clean Water, USDA-NRCS

- Connecticut's Point Source Nitrogen Credit Exchange Nonpoint Source and Stormwater Component Feasibility, *Paul Stacey, Connecticut Department of Environmental Protection*
- A Preliminary Analysis of Water Quality Trading Opportunities in the Great Miami River Watershed, Ohio, *Mark Kieser, Keiser & Associates*
- A GIS-Based Assessment of Potential Water Quality Trading Markets in Tennessee, *Christopher Clark, University of Tennessee*
- The Willamette Ecosystem Marketplace: An Integrated, Multiple Value Trading Program, *Sara Vickerman, Defenders of Wildlife*
- Creation of Interstate Water Quality Trading - The Colorado River from Grand Junction to Los Angeles, *Julie Vlier, Tetra Tech RMC*

Session III *Trading Program Design 2*

Moderator: Jon Capacasa, USEPA Region 3

- Conestoga River Reverse Auction Project, *Scott Van de Mark, Pennsylvania Environmental Council—Ohio Headwaters Initiative*
- Minnesota River Nutrient Trading Program Ensures Cost Effective TMDL Implementation, *John Hall, Hall Associates*
- Prioritizing Parcels in the Schuylkill River Watershed for Agricultural BMPs to Facilitate Trading, *Paula Conolly, City of Philadelphia*
- Water Quality Trading in the Non-tidal Passaic River Watershed, *Christopher Obropta, Rutgers University*
- Discussion of the development and implementation of a water quality credit trading program for Clean Water Services (Washington County, Oregon) to meet the Temperature TMDL WLA for excess thermal load, *Charles Logue, Clean Water Services*

Wednesday, May 24

8:00 a.m. Plenary Session

Part I *What Can Groups Do To Make Trading Happen?*

Session Chair: Brent Fewell, Deputy Assistant Administrator, Office of Water,
U.S. Environmental Protection Agency

Panel members:

Rhine McLin, Mayor, Dayton, Ohio, representing the U.S. Conference of
Mayors

John Redding, Secretary/Treasurer, National Association of
Conservation Districts

J. Michael Read, President, Water Environment Federation
Jim Cox, Executive Director, National Association of State
Conservation Agencies
Questions and Answers

Part II:

Featured Speaker: Stephen L. Johnson, Administrator, USEPA

9:30 a.m. Break

10:00 a.m. Plenary Session

Part III *What Can Groups Do To Make Trading Happen?*

Session Chair: Lawrence Clark, Deputy Chief, Science and
Technology, USDA-NRCS

Panel Members:

Don Parrish, Senior Director, Regulatory Relations, American Farm
Bureau Federation

Myrna Halbach, Assistant Division Director, Municipal and Industrial
Divisions, Minnesota Pollution Control Agency, representing the
Association of State and Interstate Water Pollution Control
Agencies

Richard Kempka, Director of Energy and Technology Partnerships,
Ducks Unlimited

Paul Faeth, Managing Director, World Resources Institute
Questions and Answers

Noon Luncheon

Featured Speaker: Benjamin Grumbles, Assistant Administrator, Office of Water,
USEPA

1:30 p.m. to 5:30 p.m. Concurrent Sessions and Discussion Groups

Each session will take a break at 3:30 p.m.

Session IV *Measuring Trading Program Success*

Moderator: Allison Wiedeman, USEPA

- Assessing Outcomes of Water Quality Trading Programs, *Doug Parker, University of Maryland*
- Decision Making Tools for Implementing an Innovative Trading Program in Mined Appalachian Watersheds, *Todd Petty, West Virginia University*
- Managing Risk and Uncertainty in Water Quality Trading Program, *John Powers, EPA*
- Discussion: How Do You Measure the Success of a Trading Program?

Session V *Trading Markets*

Moderator: Sheryl Kunickis, USDA-NRCS

- Entrepreneurs in Water Quality Trading Markets: Who they are, how they help and how to engage them, *Jeremy Sokulsky, Environmental Incentives*
- Why Trade? Searching for the Elusive Cost Savings from Water Quality Trading, *Kristin Rowles, Georgia State University*
- Brokering exchange in the Willamette: Managing water quality trading and beyond, *Bobby Cochran, Portland State University*
- Discussion: What are barriers and potential solutions to trading?

Session VI *Role of Government*

Moderator: Susan Odell, Forest Service, USDA

- Water Quality Trading - The Questions Permit Writers Ask, *Gregory Currey, Tetra Tech*
- NPDES Permit Language Providing for Pollutant Trading, *Susan Burke, Idaho Department of Environmental Quality*
- Trading: What the Courts Have To Say, *Libby Ford, Nixon Peabody LLC*
- Discussion: What can government do to promote trading?

Thursday, May 25

8:00 a.m. Plenary Session

Session Chair: Carl Lucero, National Leader for Clean Water, USDA-NRCS
 Guest Speaker: Ricardo Bayon, Managing Editor, Ecosystem Marketplace

8:45 a.m. Break

9:00 a.m. Plenary Session

Panel 1 *Making Trading Work*

Session Chair: Mark Kieser, Acting Chair, Environmental Trading Network, Senior Scientist, Kieser & Associates

Perspectives on Point-Nonpoint Source Trading from the Wastewater Community, – Cy Jones, Senior Technologist, CH2M Hill

Great Miami River Watershed Water Quality Credit Trading Program, Dusty Hall, Program Development Manager, Miami Conservancy District, Ohio

South Nation River Watershed Trading Program: Over 200 Successful Trades – Dennis O’Grady, General Manager, South Nation River Conservation Authority

Panel 2: *Discussion Group Summaries and Future Direction*

Session Chair: James Hanlon, Director, Office of Wastewater Management, USEPA

Brent Fewell, Deputy Assistant Administrator, Office of Water, USEPA
 Bruce Knight, Chief, USDA-NRCS

Noon Conference Adjourns