

## Exchange Network National Meeting

April 29, 2008 – May 1, 2008  
Sheraton Nashville Downtown

### Meeting Agenda

#### Monday, April 28, 2008

5:30 – 7:00 PM      **Pre-Meeting Reception & Pre-Registration**  
Sheraton Nashville Downtown  
*Room: Pinnacle (On the Rooftop)*

#### Tuesday, April 29, 2008

7:30 – 8:30      **General Registration and Continental Breakfast**  
*Location: Ballroom Foyer*  
*Continental Breakfast Available in the General Session Room*

#### *General Session – Ballrooms 2/3/4*

8:30 – 8:45      **Welcome, Introductions**

8:45 – 9:15      **Opening Keynote Address**  
*Molly O’Neill*  
*Assistant Administrator for the Office of Environmental Information and*  
*Chief Information Officer*  
*U.S. Environmental Protection Agency*

9:15 – 9:45      **State of the Network and New Directions**  
A look at where we’ve been, where we are, and where we’re going with the  
Exchange Network.  
*Mitch West, Exchange Network Coordinator*

9:45 – 10:30      **Exchange Network: Contributing to the National Dialogue**  
The panelists will more broadly discuss EPA’s National Dialogue and its  
relationship to the Exchange Network and Exchange Network partners.  
*Andrew Battin, U.S. EPA (Moderator)*  
*Michael Beaulac, MI DEQ*  
*Rick Martin, U.S. EPA*  
*Laura Mayo, Yurok Tribe*

10:30 – 11:00      **Networking Break**

11:00 – 12:30      **Incorporating the Exchange Network into Your Enterprise**  
This session will feature presentations and a panel discussion with Network  
partners that are using their Exchange Network infrastructure to improve their  
organization’s business processes.

*Panelists:*      *Phani Eturu, Virginia DEQ*  
*Nancie Imler, Pennsylvania DEP*  
*Miles Neale, Washington DoE*

*Moderator:*      *Mitch West, Exchange Network Coordinator*

12:30 – 2:00 pm      **Lunch** - on your own

**First Concurrent Sessions**

**2:00 - 3:30 PM**

<b>Track 1: Demystifying the Network</b> <b>NOTE: This session will repeat at 4:00</b>	<b>Track 2: Better Access and Better Data</b>	<b>Track 3: Network Tools and Technology</b> <b>NOTE: This session will repeat at 4:00</b>
<p><b>2:00 – 3:30   Room: Davidson</b>  <i>Presenter: Guy Outred, Windsor Solutions</i></p> <p>The material in this session will cater to those attendees that are less familiar with the Exchange Network or have a background in something other than information technology. Participants will leave with answers to such age-old questions as:</p> <ul style="list-style-type: none"> <li>• What’s all this about Nodes, XML, and web services?</li> <li>• What does it mean to create an XML File?</li> <li>• Why should I care? Isn’t that the IT guy’s job?</li> </ul>	<p><b>2:00 – 3:30   Room: Ballrooms 2/3/4</b>  <i>Moderator: Pat Garvey, U.S. EPA</i></p> <ul style="list-style-type: none"> <li>• <b>Toxic Release Inventory State Data Exchange</b>  <i>Dipti Singh, U.S. EPA   Mike Zucker, UT DEQ</i>                      The TRI exchange allows EPA's Central Data Exchange (CDX) to automatically forward copies of electronic TRI submissions to state Exchange Network Nodes. This allows states to electronically receive raw TRI data in real time and also reduces the reporting burden on facilities, since they can make simultaneous submissions to U.S. EPA and their state agency.</li> <li>• <b>CA Pesticide-Related Illness Exchange</b>  <i>Joy Wisniewski, CA Office of Environmental Health Hazard Assessment</i>                      The California EPA's Office of Environmental Health Hazard Assessment (OEHHA) and the Department of Pesticide Regulation (DPR) are collaborating on the development of a pesticide-related illness data exchange system. The system will generate timely and complete physician reports of pesticide-related illness and enable efficient exchange of illness reporting and investigation data. This will result in more effective response to and investigation of pesticide exposure incidents and the reduction in future pesticide-related illnesses. The project will advance the vision of the Exchange Network by making pesticide-related illness data accessible on an Exchange Network Node.</li> <li>• <b>Facility Names and Locations - Valid yet Wrong - The Hidden Scandal of Facility ID</b>  <i>Ken Blumberg, U.S. EPA Region 1</i>  <i>Gail George, IA Department of Natural Resources</i>                      Why does bad data happen? What can we do to prevent and correct it? Why does it matter? Let's share some ideas.</li> </ul>	<p><b>2:00 – 3:30   Room: Ballroom 1</b>  <i>Moderators: Connie Dwyer, U.S. EPA</i>  <i>Dennis Burling, NE DEQ</i></p> <ul style="list-style-type: none"> <li>• <b>Node 2.0</b>                      This session will provide an update on the development of the technical specification for the next version of the Exchange Network Node.</li> <li>• <b>Node 2.0 Panel Discussion and Q&amp;A</b>  <i>Glen Carr, OR DEQ</i>  <i>Chris Clark, U.S. EPA</i>  <i>Connie Dwyer, U.S. EPA</i>  <i>Mitch West, Exchange Network Coordinator</i></li> <li>• <b>Network Authentication and Authorization Service (NAAS) 3.0</b>  <i>Chris Clark, U.S. EPA</i>                      The Exchange Network’s security services have been upgraded as part of the transition to Node 2.0. Learn how this will affect your current and existing Network flows.</li> <li>• <b>Exchange Network Header 2.0</b>  <i>Chris Clark, U.S. EPA</i>                      The Exchange Network Header file has been upgraded as part of the transition to Node 2.0. Learn how this will affect your current and existing Network flows.</li> </ul>
<p><b>3:30 – 4:00    Networking Break</b></p>	<p><b>3:30 – 4:00    Networking Break</b></p>	<p><b>3:30 – 4:00    Networking Break</b></p>

**Second Concurrent Sessions**

**4:00 – 5:30 PM**

<b>Track 1: Demystifying the Network</b> <b>NOTE: This is a repeat of the 2:00 session</b>	<b>Track 2: Waste Related Exchanges</b>	<b>Track 3: Network Tools and Technology</b> <b>NOTE: This is a repeat of the 2:00 session</b>
<p><b>4:00 – 5:30   Room: Davidson</b>  <i>Presenter: Guy Outred, Windsor Solutions</i></p> <p>The material in this session will cater to those attendees that are less familiar with the Exchange Network or have a background in something other than information technology. Participants will leave with answers to such age-old questions as:</p> <ul style="list-style-type: none"> <li>• What’s all this about Nodes, XML, and web services?</li> <li>• What does it mean to create an XML File?</li> <li>• Why should I care? Isn’t that the IT guy’s job?</li> </ul>	<p><b>4:00 – 5:30   Room: Ballrooms 2/3/4</b>  <i>Moderator: Doreen Sterling, U.S. EPA OEI</i></p> <ul style="list-style-type: none"> <li>• <b>California Hazardous Waste Reporting System</b>  <i>Jim Bohon, California EPA</i>                      This reporting system will allow businesses to report electronically through the state or through certified local government agencies. Businesses will be able to meet their hazmat disclosure, hazwaste permit, UST and AST reporting requirements. Local governments will be able to meet their reporting requirements through data exchange agreements with the state. The system will exchange data with US EPA.</li> <li>• <b>Multi-State/EPA/Industry e-Manifest Pilot Project</b>  <i>Mike Beaulac, MI DEQ</i>                      The tracking of paper hazardous waste manifests is a significant resource burden for both industry and state waste management regulators. The goal of the multi-state/industry/EPA project team is to develop a model system to: 1) eliminate the current paper and mail-based business processing burden, including costs associated with manual validation by state regulators, and; 2) make manifest data immediately available to those involved in the cradle-to-grave generation, transport &amp; disposal process, state-federal regulators, emergency response, enforcement and customs inspectors.</li> <li>• <b>RCRAInfo</b>  <i>Debbie Goodwin, U.S. EPA Office of Solid Waste</i>                      This session will provide an overview and an update on the exchange with RCRAInfo, U.S. EPA’s hazardous waste information system.</li> </ul>	<p><b>4:00 – 5:30   Room: Ballroom 1</b>  <i>Moderators: Connie Dwyer, U.S. EPA                      Dennis Burling, NE DEQ</i></p> <ul style="list-style-type: none"> <li>• <b>Node 2.0</b>                      This session will provide an update on the development of the technical specification for the next version of the Exchange Network Node.</li> <li>• <b>Node 2.0 Panel Discussion and Q&amp;A</b>  <i>Glen Carr, OR DEQ                      Chris Clark, U.S. EPA                      Connie Dwyer, U.S. EPA                      Mitch West, Exchange Network Coordinator</i></li> <li>• <b>Network Authentication and Authorization Service (NAAS) 3.0</b>  <i>Chris Clark, U.S. EPA</i>                      The Exchange Network’s security services have been upgraded as part of the transition to Node 2.0. Learn how this will affect your current and existing Network flows.</li> <li>• <b>Exchange Network Header 2.0</b>  <i>Chris Clark, U.S. EPA</i>                      The Exchange Network Header file has been upgraded as part of the transition to Node 2.0. Learn how this will affect your current and existing Network flows.</li> </ul>

**Wednesday, April 30, 2008**

**General Session - Ballrooms 2/3/4**

*Continental Breakfast Available in the General Session Room Beginning at 7:30 am*

8:30 – 9:45

**Tribal Engagement in the Network: A Lengthy Courtship**

Tribes have been playing catch-up on Exchange Network activities for the last several years, but are incorporating it into their environmental programs and tailoring it to fit their unique needs. This presentation will explore the partnership between U.S. EPA and the National Congress of American Indians (NCAI) and discuss NCAI's work with tribes and tribal progress on the Network.

*Robert Holden, National Congress of American Indians*

*Daniel Cordalis, National Congress of American Indians*

Representatives from two tribal partners will discuss their participation in the Exchange Network and present their recent activities.

*Laura Mayo, Yurok Tribe*

*Deb Misra, Navajo Nation EPA*

9:45 – 10:30

**Demonstration of the Homeland Emergency Response Exchange (HERE)**

Developed by the states of Nebraska, Iowa, Kansas, and Missouri, HERE uses the Exchange Network to deliver on-demand access to environmental information for emergency response planners and personnel. Plans are underway to implement HERE in several other regions.

*Dennis Burling, Nebraska DEQ*

10:30 – 11:00

**Networking Break**

11:00 – 12:00

**Focus on Climate: The Exchange Network and Greenhouse Gas Data**

States, Tribes, and our international neighbors are taking action to monitor greenhouse gas emissions and U.S. EPA has a mandate to write rules requiring reporting. States, Tribes, and Provinces have formed The Climate Registry to unify their data collection efforts. This session will provide an overview of The Climate Registry, some background on U.S. EPA's plans to create a federal rule for mandatory reporting of GHG emissions, and explore opportunities to use the Exchange Network as a mechanism for sharing GHG emissions data.

*Mitch West, Exchange Network Coordinator*

*Chet Wayland, U.S. EPA Office of Air Quality Planning and Standards*

*Jill Gravender, The Climate Registry*

12:00 – 1:30

**Lunch** - on your own

1:30 – 5:30 pm

**Concurrent Breakout Sessions** - See below

*First Concurrent Sessions*

*1:30 - 3:15 PM*

<b>Track 1: Focus on Water</b>	<b>Track 2: Air Emissions and Greenhouse Gas Reporting</b>
<p><b>1:30 – 3:15   Room: Ballroom 1</b> <i>Moderator: Dwane Young, U.S. EPA</i></p> <ul style="list-style-type: none"><li>• <b>Water Quality Exchange (WQX)</b> <i>Dwane Young, U.S. EPA   Kristen Gunthardt, U.S. EPA</i> The Water Quality Exchange allows for easy node-to-node transfer of water quality monitoring data. Numerous states and tribes have successfully shared water quality data with U.S. EPA using WQX. EPA is currently expanding WQX in two important ways: 1) EPA is adding the ability to support Biological and Habitat data; and 2) EPA is developing a tool that will help small data providers more easily generate XML files to share their data via WQX.</li><li>• <b>Assessment TMDL Tracking &amp; Implementation System (ATTAINS)</b> <i>Dwane Young, U.S. EPA</i> EPA has been working with the Minnesota Pollution Control Agency on developing methods for sharing 303(d) and 305(b) (Impaired and Assessed waters) data via the Exchange Network. Preliminary work on this effort has been completed, and EPA is looking at methods for expanding this effort to further streamline the 303(d)/305(b) data flow.</li><li>• <b>NHD+ Georeferencing/Spatial Quality Assurance</b> <i>Jim Bisese, Research Triangle Institute</i> The National Hydrography Dataset (NHD) provides a common hydrological framework upon which multiple water-related data sets can be associated. Georeferencing is the process of associating these data sets with the underlying hydrography. EPA is developing the capability to batch-associate, via an Exchange Network service, the water monitoring stations submitted via WQX to the NHD. This will allow for numerous cross-program analyses as well as provide for the ability to QA reported Latitude/Longitude coordinates versus reported counties, states, or watersheds.</li><li>• <b>Minnesota Challenge Grant Projects</b> <i>Mark Olsen, MN Pollution Control Agency</i> In this session, the Minnesota Pollution Control Agency will provide an overview of their work on two projects. The first is an effort to streamline the process for sharing 303(d) &amp; 305(b) information with U.S. EPA. The second project is a collaboration with USGS to use the Exchange Network to make updates to the National Hydrography Dataset (NHD).</li></ul>	<p><b>1:30 – 3:15   Room: Ballrooms 2/3/4</b> <i>Moderator: Mitch West, Exchange Network Coordinator</i></p> <ul style="list-style-type: none"><li>• <b>Panel Discussion on Opportunities and Challenges in Greenhouse Gas Data Management</b> <i>Mitch West, Exchange Network Coordinator</i> <i>Chet Wayland, U.S. EPA Office of Air Quality Planning and Standards</i> <i>Martin Husk, U.S. EPA Office of Air Quality Planning and Standards</i> <i>Jill Gravender, The Climate Registry</i> This session will explore possible opportunities and challenges for Exchange Network partners as we investigate ways to support the management and exchange of greenhouse gas emissions data.</li><li>• <b>Emissions Inventory System (EIS)</b> <i>Martin Husk, U.S. EPA Office of Air Quality Planning and Standards</i> The Office of Air Quality Planning and Standards is finding new ways to advance the agency's goal of developing a standard format to share data among stakeholders. As part of the Emissions Inventory System Project, a common XML schema is being developed that will be used by three separate programs. Attendees to this session will be given a brief overview of the three programs and the challenges that were overcome in developing the single schema.</li></ul>
<p><b>3:15– 3:45    Networking Break</b></p>	<p><b>3:15– 3:45    Networking Break</b></p>

*Second Concurrent Sessions*

*3:45 -5:30 PM*

Track 1: Exchange Network Resources and Communication Tools	Track 2: Focus on Water
<p><b>3:45 – 5:30   Room: Ballroom 1</b> <i>Moderators: Doreen Sterling, U.S. EPA   Chris Simmers, NH DES</i></p> <ul style="list-style-type: none"><li>• <b>Help for Newbies</b> <i>Doreen Sterling, U.S. EPA</i> <i>Chris Simmers, NH DES</i> If you're new to the Network, we have some resources to help get you started.</li><li>• <b>Can We Talk?</b> <i>Doreen Sterling, U.S. EPA</i> <i>Chris Simmers, NH DES</i> Ever wanted to talk with someone in your organization about the Exchange Network, but didn't know how? These tools can help!</li><li>• <b>Survey Says...</b> <i>Doreen Sterling, U.S. EPA</i> <i>Chris Simmers, NH DES</i> This is your chance to get an update on the Network's Performance Measurement effort and learn how the governance is using your feedback.</li><li>• <b>Can We Wiki?</b> <i>Doreen Sterling, U.S. EPA</i> <i>Chris Simmers, NH DES</i> <i>Chris Staten, MS DEQ</i> Let's discuss ways that the Network can improve its communication with partners through enhancements to the Exchange Network website and other resources. We'll provide a demo of wiki technology and talk about how we could all use it to keep the Network community better connected.</li></ul>	<p><b>3:45 – 5:30   Room: Ballrooms 2/3/4</b> <i>Moderator: David Hindin, U.S. EPA</i></p> <ul style="list-style-type: none"><li>• <b>ICIS – NPDES</b> <i>David Hindin, U.S. EPA Office of Enforcement &amp; Compliance Assurance</i> This session will provide an overview and update on the status of the ICIS-NPDES system and efforts to implement an Exchange Network flow.</li><li>• <b>NetDMR</b> <i>Brandon Harris, TX Commission on Environmental Quality</i> The purpose of the NetDMR project is to build on previous eDMR efforts by developing a generic, open-standards-based, and very thoroughly documented eDMR system. This system could be implemented by EPA, by a state, or by any other organization with the authority to accept DMRs. This system will integrate with ICIS-NPDES through the Exchange Network. The application has received CROMERR approval from EPA. The project is currently in the user testing phase for the first of three releases. The source code is expected to be available in the fall.</li><li>• <b>Underground Injection Controls Exchange (UIC)</b> <i>Carl Reeverts, U.S. EPA Office of Ground Water and Drinking Water</i> <i>Dennis Murphy, DE Department of Natural Resources and Environmental Control</i> EPA's Office of Ground Water and Drinking Water (OGWDW) announced the launch of the new UIC data system in December 2007 and began accepting data from state, tribal, and Regional UIC programs. The new UIC data exchange is designed to enable all States, Regions, and Tribes that have UIC program primary enforcement authority to meet their reporting requirements.</li></ul>

**Thursday, May 1, 2008**

**General Session – Ballrooms 2/3/4**

*Continental Breakfast Available in the General Session Room Beginning at 7:30 am*

8:30 – 9:45

**Exchanging Geospatial Information**

This session will provide an update on the Exchange Network strategy for exchanging geospatially-enabled information along with demonstrations of projects that utilize the Exchange Network to share information that has a geographic component.

*Tom Aten, WI Department of Natural Resources (Moderator)*

*Jerry Johnston, U.S. EPA Geographic Information Officer*

*John Tooley, WA Department of Ecology*

9:45 – 10:30

**Regional Roundtable**

This session will feature a discussion with Exchange Network Coordinators in the EPA Regional offices. The panelists will discuss how states, tribes, and regions are working together to grow the Exchange Network and also highlight some of the ways in which EPA Regional offices are becoming Network users.

*Moderator: Josie Lopez, EPA Region 8*

*Panelists:*

*Ken Blumberg, U.S. EPA Region 1*

*Eleanor Howe, MA DEP*

*Joseph Kunz, U.S. EPA Region 3*

*Rock Taber, U.S. EPA Region 4*

*Deborah Steward, U.S. EPA Region 5*

*Jim Poindexter, U.S. EPA Region 6*

*Maryane Tremaine, U.S. EPA Region 7*

*Pat Eklund, U.S. EPA Region 9*

*Dave Tetta, U.S. EPA Region 10*

10:30 – 10:45

**Break**

10:45 – 11:45

**Exchange Network Panel Discussion & Open Mic**

This session will be an opportunity for attendees to ask general questions or speak on any topic related to the Exchange Network. You are highly encouraged to share new ideas or projects that your organization hopes to pursue.

*Panel: Members of the Exchange Network Governance*

*Moderator: Pat Garvey, U.S. EPA Office of Environmental Information*

11:45 – 12:00

**Meeting Wrap-up and Closing Comments**