



## Exchange Network National Meeting

- *Doing More with Your Data* -

April 20, 2010 – April 22, 2010

InterContinental Chicago Hotel, Chicago, Illinois

### Monday, April 19, 2010

5:30 – 7:30 PM **Pre-Meeting Reception & Pre-Registration**  
 3<sup>rd</sup> Floor Stop by and meet your fellow members of the Exchange Network community  
 Camelot Room and pick up your registration materials for the next morning.

### Tuesday, April 20, 2010

7:30 – 9:30 AM **Continental Breakfast and General Registration**  
 7<sup>th</sup> Floor  
 Grand Ballroom

8:00 – 9:00 AM **Pre-Meeting Session**  
 5<sup>th</sup> Floor  
 Renaissance Ballroom **Demystifying the Exchange Network**

*Tom Aten, Wisconsin DNR*

*Dennis Murphy, Delaware DNREC*

This session targets newcomers to the Network. Those more familiar with the basic concepts of the Network may wish to use this time for networking with other users. The session will provide a basic overview of Exchange Network terms such as Nodes, XML, and web services. The material will help prepare those attendees that are less familiar with the Exchange Network to participate in the rest of the meeting.

9:30 AM – 12:00 PM **Opening General Session**  
 7<sup>th</sup> Floor  
 Grand Ballroom

9:30 – 9:45 **Welcome to Chicago**

9:45 – 10:15 **Opening Keynote Address**  
*Walter Kovalick*  
*Acting Deputy Regional Administrator*  
*U.S. Environmental Protection Agency, Region 5*

10:15 – 10:35 **Wisconsin DNR's Digital Watershed**  
*Dreux Watermolen, Wisconsin DNR*  
 The Digital Watershed is a web-based, decision-support system for watershed management that includes automated tabular and spatial data discovery, exchange, integration, and analysis tools tailored to meet the needs of Great Lakes region decision makers.

10:35 – 12:00 **Exchange Network Leadership Council State of the Network Address**  
*Karen Bassett – Deputy Director, Arkansas DEQ*  
*Linda Travers – Acting Assistant Administrator for Environmental Information, U.S. EPA*  
*Mitch West, Exchange Network Coordinator*  
*Robert Holden, National Congress of American Indians*

12:00 – 1:30 **Lunch** - on your own

**First Concurrent Sessions**

**1:30 - 2:45 PM**

<p><b>Water Monitoring Data</b> 5<sup>th</sup> Floor</p>	<p><b>Greenhouse Gas Emissions</b> 7<sup>th</sup> Floor</p>	<p><b>Federal Data Sharing Initiatives</b> 7<sup>th</sup> Floor</p>	<p><b>Partner Innovations</b> 8<sup>th</sup> Floor</p>
<p><b>1:30 – 2:45   Room: Renaissance Ballroom</b> <i>Moderator: Kristen Gunthardt, U.S. EPA Office of Water</i></p> <ul style="list-style-type: none"> <li> <p><b>Water Quality Exchange (WQX)</b> <i>Kristen Gunthardt, U.S. EPA Office of Water</i> The Water Quality Exchange represents a national framework for sharing and accessing ambient water quality monitoring data via the Exchange Network. WQX provides a framework for data sharing to the National STORET Data Warehouse that continues to serve as EPA's cross-jurisdictional repository of ambient water quality monitoring data.</p> </li> <li> <p><b>Water Quality Data Management and Exchange among Tribes through a Tribal Consortium</b> <i>Bruce Jones &amp; Osa Odum, Northwest Indian Fisheries Commission</i> Using the EN, the Northwest Indian Fisheries Commission (NWIFC), a consortium of 20 federally recognized tribes, implemented a Water Quality Exchange (WQX) solution to help its member tribes meet the needs of their water quality monitoring programs. This solution includes a WQX-complaint Tribal Water Quality Database, an EN Node at</p> </li> </ul>	<p><b>1:30 – 2:45   Room: Grand Ballroom</b> <i>Moderator: Rob Willis, Ross &amp; Associates</i></p> <ul style="list-style-type: none"> <li> <p><b>Using the Exchange Network to Share Greenhouse Gas Emissions Data</b> <i>Peter Kokopeli, U.S. EPA OAP</i> <i>Andy Putnam, Colorado DPHE</i> <i>Steve Burr, Arizona DEQ</i> <i>Neil Caudill, Washington Ecology</i> <i>Chris Condit, The Climate Registry</i> <i>Carmel Rubin, Maine DEP</i> U.S. EPA, states, and several national and regional consortia are collecting or planning to collect emissions data from sources of greenhouse gases (GHGs). These data collection programs have differing reporting requirements, thresholds, calculation protocols, and approaches to validation and verification of data. Despite these differences, the data collections share a common objective— improved tracking and understanding of GHG emissions. Ultimately, the information collected will form the foundation for programs intended to curb the emission of GHGs. This session will provide information about state and EPA efforts to build an efficient system for collecting and sharing greenhouse gas emissions (GHG) information using the EN.</p> </li> </ul>	<p><b>1:30 – 2:45   Room: Empire Ballroom</b> <i>Moderator: Andrew Battin, U.S. EPA OEI</i></p> <ul style="list-style-type: none"> <li> <p><b>Open Government Initiative</b> <i>Lisa Schlosser, U.S. EPA OEI</i> This session will provide information about Federal Open Government plans, published on April 7th, that feature greater transparency, collaboration, and public participation in government. It will include an update on the key components of the EPA Plan and its value to the States.</p> </li> <li> <p><b>National Information Exchange Model (NIEM)</b> <i>John Harman, U.S. EPA OEI</i> NIEM is a federal-wide data standard that the U.S. Office of Management and Budget is encouraging all federal agencies to adopt for cross-agency/ state/local/tribe data transmissions. The U.S. Departments of Justice and Homeland Security began developing NIEM standard data elements following the 9/11 terrorist attacks. NIEM is expanding to domains beyond terrorism, which may include an Environment domain, an activity that could require the participation of the EN.</p> </li> <li> <p><b>Federal and International Exchange Initiatives</b></p> </li> </ul>	<p><b>1:30 – 2:45   Room: Burnham Room</b> <i>Moderator: Melanie Morris, Mississippi DEQ</i></p> <ul style="list-style-type: none"> <li> <p><b>Sharing Enterprise eGovernment Solutions</b> <i>Melanie Morris, Mississippi DEQ</i> <i>Brenda DeGregory, CGI</i> Mississippi, New Jersey and Indiana are taking an enterprise approach to providing eGovernment services to the regulated community and the public through reuse and sharing software. The Regulatory Services Portal (RSP) software enables many types of services over the Internet ranging from submission of eDMR and emissions reports to well permits and air permits. The RSP software includes service builder wizards that support rapid development of new services and promote reuse of application components amongst the States. RSP is also the basis for a collaborative project between the States to develop a common enterprise-wide approach to CROMERR.</p> </li> </ul>

<p>the NWIFC and custom-built WQX Node Client applications deployed at each tribe. Member tribes are able to exchange water quality data with EPA, the NWIFC and potentially other partners in a timely and efficient manner. The solution provides a cost-effective way for organizations to share monitoring data.</p>		<p><i>Roy Chaudet, U.S. EPA OEI</i> EPA is working to develop exchanges with USDA and between Canada and Mexico. The presentation will identify the type of information being exchanged, the exchange framework, and the current status. It will also identify the challenges and benefits of reusing and implementing services in federal and international exchanges.</p>	
<p>2:45 – 3:15 PM 8<sup>th</sup> Floor Grand Balcony                      <b>Networking Break</b></p>			

**Second Concurrent Sessions**  
**3:15 – 4:15 PM**

<b>Water Exchanges</b> 5 <sup>th</sup> Floor	<b>Waste Showcase</b> 7 <sup>th</sup> Floor	<b>Cross Program Data Exchanges</b> 7 <sup>th</sup> Floor	<b>Partner Innovations</b> 8 <sup>th</sup> Floor
<p><b>3:15 – 4:15   Room: Renaissance Ballroom</b> <i>Moderator: Kristen Gunthardt, U.S. EPA Office of Water</i></p> <ul style="list-style-type: none"> <li> <b>Water Quality Data Exchange</b> <i>Angela Witcher, New Jersey DEP</i> In conjunction with multiple partners, NJ DEP has created the Water Quality Data Exchange (WQDE) to ease the burden of assembling data to perform a comprehensive water quality analysis. Funded by an Exchange Network Challenge Grant, the project includes a Water Monitoring Inventory and Data Portal, which was built as an extension to the Exchange Network Browser. The portal           </li> </ul>	<p><b>3:15 – 4:15   Room: Grand Ballroom</b> <i>Moderator: Dwane Young, U.S. EPA ORCR</i></p> <ul style="list-style-type: none"> <li> <b>RCRAInfo v5.0 &amp; Outbound Web Services</b> <i>Dwane Young, U.S. EPA ORCR</i> <i>Joe Carioti, U.S. EPA ORCR</i> ORCR has developed draft outbound Exchange Network and REST services for RCRAInfo. ORCR will demonstrate these services, talk about how the services will be deployed, and discuss the plan and schedule for further outbound services.           </li> <li> <b>e-Manifest Alternatives Analysis</b> <i>Dwane Young, U.S. EPA ORCR</i> <i>Rich LaShier, U.S. EPA</i> </li> </ul>	<p><b>3:15 – 4:15   Room: Empire Ballroom</b> <i>Moderator: Pat Garvey, U.S. EPA</i></p> <ul style="list-style-type: none"> <li> <b>Facility ID 3.0</b> <i>Pat Garvey, U.S. EPA OEI</i> The facility data flow will start to use the new FAC ID 3.0 schema now in production with CDX. This new schema version will make publishing easier and more streamlined.           </li> <li> <b>Region 1 Facility Data Cleanup</b> <i>Larry Thornton, U.S. EPA</i> EPA is building on the new capabilities of FRS and the Network, through the FacID 3.0 standard, to further improve facility location information. A Central Data Exchange (CDX) tool           </li> </ul>	<p><b>3:15 – 4:15   Room: Burnham Room</b> <i>Moderator: Lico Galindo, US EPA, OEI</i></p> <ul style="list-style-type: none"> <li> <b>Reusable Components Services Demonstration</b> The Reusable Component Services (RCS) is a catalog of components, tools, solutions and assets like web services, XML schema and software tools. RCS stores information about those assets so they can be shared, discovered and re-used through a single interface. The catalog also adds semantics and value by showing relationships among the assets and by classifying them with taxonomies. This session will show the RCS, its user interface and functionality, encouraging           </li> </ul>

<p>displays data from Nodes as well as non-EN web services of USGS and EPA. Users can display both spatial and tabular data, store queries for reuse, and analyze information with maps and graphs. The Inventory can be extended to include any other state or tribe.</p> <ul style="list-style-type: none"> <li> <b>Gulf of Maine – Sharing Dead Bird, Buoy, Fish, Watershed (and Everything Else in the Kitchen Sink) Data the Exchange Network Way</b>  <i>Deb Soule, New Hampshire DES; Riley Young Morse, Gulf of Maine Research Institute</i>            Sharing Gulf of Maine watershed and ocean data is a primary goal of the Northeast Coastal and Ocean Data Partnership (NeCODP). The NeCODP received an EN grant in 2007 and devised a data exchange based on WQX and other data standards such as the Global Change Master Directory, New Jersey Inventory catalog project, geographic markup language (GML), and the Sensor Observation Service (SOS). This session will feature a demonstration of a data discovery and access portal that is powered by the project's instance of OpenNode2.         </li> </ul>	<p>ORCR will present an update on the advances to-date in establishing a national electronic manifest (e-Manifest) system. In particular, EPA will discuss the Alternatives Analysis that was conducted in 2009, and present the alternatives that were evaluated. e-Manifest will be used to track hazardous waste shipments "cradle-to-grave," while also improving the quality of manifest data and reducing the substantial paperwork burdens of the current paper manifest forms.</p>	<p>integrated with ArcMap GIS software is in development to build transaction capability into the desktop mapping environment. This system will further expand the critical role of FRS in EPA's efforts to provide the public with high quality data.</p> <ul style="list-style-type: none"> <li> <b>Substance Registry System</b>  <i>John Harman, U.S. EPA OEI</i>            Learn about the benefits of using the ExchangeNetwork to access data on regulated and monitored substances from U.S. EPA's Substance Registry System (SRS).         </li> </ul>	<p>questions and facilitating a discussion.</p>
--	--	--	---

**Third Concurrent Sessions**

**4:30 – 5:30 PM**

<p><b>Water Exchanges</b> 5<sup>th</sup> Floor</p>	<p><b>Toxics Showcase</b> 7<sup>th</sup> Floor</p>	<p><b>GIS, Geo and the EN:</b> What have we learned, where are we going? 7<sup>th</sup> Floor</p>
<p><b>4:30 – 5:30   Room: Renaissance Ballroom</b> <i>Moderator: Charles Kovatch, U.S. EPA Office of Water</i></p> <ul style="list-style-type: none"> <li> <p><b>EPA Assessment, TMDL Tracking And Implementation System (ATTAINS) Data Exchange</b> <i>Charles Kovatch, U.S. EPA OW</i> This session will highlight the type of data reported, application of the data, links to geospatial tools, description of the Exchange Network flow, and future directions of the Assessment Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS). ATTAINS provides information reported by the states to EPA about the conditions in their surface waters under Clean Water Act Sections 305(b) and 303(d).</p> </li> <li> <p><b>National Hydrography Dataset Update Exchange</b> <i>Mark Olsen, Minnesota PCA</i> Over the past several years Minnesota, with strong support and funding from the Exchange Network program, has partnered with EPA and USGS to develop a state hydrographic framework that meets Minnesota’s water quality analysis needs while maintaining consistency with national systems. The National Hydrography Dataset (NHD) provides the framework upon which the surface water quality activities and interests of multiple programs are linked, managed and reported. This presentation will discuss Minnesota’s use of the NHD as the framework for integration and the importance of the NHD update data exchange to facilitate local stewardship.</p> </li> </ul>	<p><b>4:30 – 5:30   Room: Grand Ballroom</b> <i>Moderator: Mike Beaulac, Michigan DNRE</i></p> <ul style="list-style-type: none"> <li> <p><b>Toxic Release Inventory State Data Exchange</b> <i>Zachary Scott, U.S. EPA OEI</i> <i>Chris Welch, Wisconsin DNR</i> The TRI State Data Exchange (SDX) uses the Exchange Network to automatically push TRI data received at EPA to the nodes of participating states. SDX members benefit from real-time access to the latest TRI data and save resources by reducing the amount of time spent on data entry and reconciliation. Facilities benefit by being able to report just once, to EPA, rather than to both EPA and the state. The presentation will cover topics including how SDX works, how states can join, the newly released SDX Viewer application, and the experience from the perspective of Wisconsin DNR.</p> </li> <li> <p><b>Mercury Product Data Exchange Project</b> <i>Andy Bray, Northeast Waste Management Officials Association</i> Under the auspices of the Interstate Mercury Education and Reduction Clearinghouse (IMERC), Massachusetts DEP and seven other IMERC member states have worked through NEWMOA to centralize the reporting and data management of information on mercury-added products as supplied by manufacturers. This presentation will focus on an Exchange Network funded project to move this system to e-filing, establish a network node, and develop a data flow for mercury-added products data that the states and EPA can leverage in their programs and policymaking. Lessons learned from this project will inform other efforts focused on toxics in products.</p> </li> </ul>	<p><b>4:30 – 5:30   Room: Empire Ballroom</b> <i>Moderator: Louis Sweeny, Ross &amp; Associates</i></p> <ul style="list-style-type: none"> <li> <p><b>Quick history and current candidate focus areas</b> <i>Louis Sweeney, Ross &amp; Associates</i></p> </li> <li> <p><b>View from the outside and the inside</b> <i>Larry Thornton, U.S. EPA</i></p> </li> <li> <p><b>Collaboration Between the North Carolina DNR and Eastern Band of the Cherokee</b> <i>Julia Harrell, North Carolina DNR</i></p> </li> <li> <p><b>Open questions and discussion to prime the Day 3 Working Sessions</b></p> </li> </ul>

Wednesday, April 21, 2010

7:30 – 8:30 AM      **Continental Breakfast**  
 7<sup>th</sup> Floor  
 Grand Ballroom

<b>Water Enforcement Data</b> 7 <sup>th</sup> Floor	<b>Exchange Network Tools</b> 5 <sup>th</sup> Floor	<b>Partner Innovations</b> 7 <sup>th</sup> Floor
<p><b>8:30 – 10:00   Room: Grand Ballroom</b>            Moderator: Alison Kittle, U.S. EPA OECA</p> <ul style="list-style-type: none"> <li> <b>ICIS-NPDES and NetDMR Data Exchanges</b>  <i>Mike Beaulac, Michigan DNRE</i>  <i>Lucy Reed, U.S. EPA OECA</i>  <i>Alison Kittle, U.S. EPA OECA</i>  <i>Tony Jeng, enfoTech &amp; Consulting</i>            The Integrated Enforcement Compliance System (ICIS) currently supports the electronic reporting of NPDES Discharge Monitoring Reports from State partners with plans to support electronic reporting for a wider range of NPDES data. Discover how Michigan's eDMR System and NetDMR allow facilities to submit their DMRs online and have them transferred through the Exchange Network into ICIS, and how ICIS is moving forward on reducing the reporting burden for agencies, improving data quality, providing timely data, and supporting EPA's goal to increase data transparency.         </li> </ul>	<p><b>8:30 – 10:00   Room: Renaissance Ballroom</b>            Moderator: Connie Dwyer, U.S. EPA OEI</p> <p>This session will cover new and enhanced services that will help you use the Network.</p> <ul style="list-style-type: none"> <li> <b>Exchange Network Services Dashboard</b>  <i>Roy Chaudet, U.S. EPA OEI</i>            A new user friendly approach to accessing EN services using a browser interface. Find services, submit documents, manage your activities etc.         </li> <li> <b>Exchange Network Discovery Services – (ENDS)</b>  <i>Chris Clark, U.S. EPA OEI</i>            These services simplify access to Network Services and support new tools for accessing the EN.         </li> <li> <b>Exchange Network REST Proxy Service</b>            This service allows partners to access EN services using a REST style URL instead of a SOAP message. It uses Network Authentication and Authorization and works just like a standard message.         </li> <li> <b>Exchange Network Quality Assurance Services -</b>            Check your XML for accuracy quickly and easily. Use extended business rules to validate data.         </li> <li> <b>Exchange Network RSS Feed Services</b>            Create and share information with standard syndication mechanisms like RSS (Really Simple Syndication).         </li> <li> <b>Exchange Network Browser</b>  <i>Doug Timms, enfoTech &amp; Consulting</i> </li> </ul>	<p><b>8:30 – 10:00   Room: Empire Ballroom</b>            Moderator: Andy Putnam, Colorado DPHE</p> <ul style="list-style-type: none"> <li> <b>Montana MethNet</b>  <i>Ray Hibnes, Montana DEQ</i>            Montana's application for transferring inter-departmental facility data on methamphetamine labs.         </li> <li> <b>Digital Watershed Demo</b>  <i>Dreux Watermolen, Wisconsin DNR</i>            Wisconsin DNR and the Midwest Spatial Decision Support Systems Partnership received an Exchange Network grant to develop a web-based, decision-support system for watershed management that includes automated tabular and spatial data discovery, exchange, integration, and analysis tools tailored to meet the needs of Great Lakes region decision makers. This session will feature an in-depth demonstration of the Digital Watershed product.         </li> </ul>
<p>10:00 – 10:30 AM            8<sup>th</sup> Floor      <b>Networking Break</b>            Grand Balcony</p>		

10:30 – 12:00  
7<sup>th</sup> Floor  
Grand Ballroom

**General Session**

10:30 – 11:15

**Data Publishing on the Exchange Network**

*Mitch West, Exchange Network Coordinator*  
*Dennis Burling, Nebraska DEQ*

What does publishing mean in the context of the Exchange Network? How is it different from traditional regulatory reporting flows? What are the benefits of publishing? This session will answer these questions and more, showing how the EN can be an integrator of data across program areas. Nebraska DEQ will demonstrate a tool called the Homeland Emergency Response Exchange (HERE) which now includes a new smartphone application called HERE Mobile. HERE delivers state information on regulated facilities for emergency responders and planners.

11:15 – 12:00

**Tribal Engagement in the Exchange Network**

*Robert Holden, National Congress of American Indians*  
*Angie Reed, Penobscot Indian Nation*  
*Tony Hartrich, Quinault Indian Nation*  
*Bruce Jones, Northwest Indian Fisheries Commission*

12:00 – 1:30

**Lunch** - on your own

**First Concurrent Sessions**

**1:30 – 3:15 PM**

<p><b>Large Aquatic Ecosystem Data Management Strategies</b> 5<sup>th</sup> Floor</p>	<p><b>Open Discussion with the EN Governance</b> NOTE: This session repeats at 3:45 7<sup>th</sup> Floor</p>	<p><b>Partner Innovations</b> 7<sup>th</sup> Floor</p>
<p><b>1:30 – 3:15   Room: Renaissance Ballroom</b> <i>Moderator: Louis Sweeny, Ross &amp; Associates</i></p> <p><b>Session Objectives</b></p> <ul style="list-style-type: none"> <li>• Discussion on Large Aquatic Ecosystem (LAEs) Data Management Challenges and Successes</li> <li>• Sharing between LAEs, especially around data management priorities, organization, and projects</li> <li>• Discuss collective needs and opportunities in two content areas: Activity Tracking and Data Clearing/Distribution and linkages to Activity Tracking</li> <li>• Explore interest and approach for LAE becoming a durable organizing venue to help improve collaboration on LAE data management</li> </ul> <p><b>Agenda</b></p> <ul style="list-style-type: none"> <li>• Overview/intro from EPA Large Aquatic Ecosystem Council and OEI</li> <li>• Content Focus Area 1: Activity Tracking/Registries             <ul style="list-style-type: none"> <li>○ Reports from EPA, Chesapeake Bay Program, and Great Lakes</li> </ul> </li> <li>• Content Focus Area 2: EN role in data distribution/integration and connection to performance             <ul style="list-style-type: none"> <li>○ Using the Exchange Network to Integrate Environmental Data Sets to Enhance Performance Accountability -CPB</li> <li>○ Overview of Chesapeake STAT data viewer, Lake Superior Data Management Prototype, Puget Sound, Columbia River Basin, Lake St. Clair And EPA Regional data needs</li> </ul> </li> </ul>	<p><b>1:30 – 3:15   Room: Grand Ballroom</b> <i>Moderator: Mitch West, EN Coordinator</i></p> <ul style="list-style-type: none"> <li>• This session will include an open dialogue on what success on the Exchange Network looks like and how we will collectively achieve it. For example, what does it mean to be “done” with an Exchange Network data flow? We will further explore the themes and strategies for success outlined by the Exchange Network Leadership Council during the State of the Network discussion on Day 1.</li> </ul> <p><b>NOTE:</b> This session repeats at 3:45</p>	<p><b>1:30 – 3:15   Room: Empire Ballroom</b> <i>Moderator: Tamara Power-Drutis, Ross &amp; Associates</i></p> <ul style="list-style-type: none"> <li>• <b>California Hazardous Waste Reporting System</b> <i>Jim Bohon, California EPA</i> California has mandated electronic reporting for businesses and local governments implementing the California Hazardous Waste and Materials Management Program—the equivalent of the RCRA hazardous waste, EPCRA Tier II, and RCRA UST programs. Currently, 144,000 regulated businesses and 117 delegated local governments are implementing the program. Cal/EPA activated its web reporting system at the end of September 2009 and is working with the local governments to implement a state information exchange system using EN technology.</li> <li>• <b>Connecticut Site Info Management System</b> <i>David Holmes, Connecticut DEP</i> <i>Keith Fraser, Windsor Solutions</i> CT DEP’s new SIMS Permitting &amp; Enforcement application provides DEP staff a holistic view of any site or client information. SIMS is a tightly integrated system that helps DEP programs process an application to the issuance of a permit; track enforcement actions; and view every site spatially. SIMS feeds FRS biweekly via an EN Node. It has a Document Management System to capture all Permitting &amp; Enforcement documents. SIMS is integrated with an Accounts Receivable system that handles client application fees, permit fees, enforcement penalties, and invoices.</li> </ul>
<p><b>3:15 – 3:45</b> 8<sup>th</sup> Floor Grand Balcony</p> <p style="text-align: center;"><b>Networking Break</b></p>		

**Second Concurrent Sessions**

**3:45 – 5:30 PM**

<b>Large Aquatic Ecosystem Data Management Strategies</b> NOTE: This is a continuation of the previous session 5 <sup>th</sup> Floor	<b>Open Discussion with the EN Governance</b> NOTE: This is a repeat of the previous session 7 <sup>th</sup> Floor	<b>Underground Injection Controls Data Exchange: State Opportunities, Challenges, and Successes</b> 7 <sup>th</sup> Floor
<p><b>3:45 – 5:30   Room: Renaissance Ballroom</b> <i>Moderator: Louis Sweeny, Ross &amp; Associates</i></p> <ul style="list-style-type: none"><li>• Shared Exploration and Planning</li><li>• Facilitated discussion to identify and discuss Exchange Network solutions and opportunities</li></ul>	<p><b>3:45 – 5:30   Room: Grand Ballroom</b> <i>Moderator: Mitch West, EN Coordinator</i></p> <ul style="list-style-type: none"><li>• This session will include an open dialogue on what success on the Exchange Network looks like and how we will collectively achieve it. For example, what does it mean to be “done” with an Exchange Network data flow? We will further explore the themes and strategies for success outlined by the Exchange Network Leadership Council during the State of the Network discussion on Day 1.</li></ul>	<p><b>3:45 – 4:45   Room: Empire Ballroom</b> <i>Moderator: Carl Reeverts, U.S. EPA OW</i></p> <ul style="list-style-type: none"><li>• <b>UIC Database - Mapping and Flowing UIC Data to EPA</b> <i>Trang Le, US EPA, OW</i></li><li>• <b>State Experience - Small UIC Class 1/5 Program</b> <i>Alison Harries, North Dakota DOH</i></li><li>• <b>State Experience - Medium size Class 5 Program</b> <i>Rob Devlin, SC DHEC</i></li><li>• <b>Getting Started - Support Tools to Map State Data to EPA</b> <i>Carl Reeverts, US EPA, OW</i></li></ul>

5:30 – 6:30 PM

7<sup>th</sup> Floor

Empire Ballroom

**Tribal Caucus**

**Thursday, April 22, 2010**

7:30 – 8:30 AM      **Continental Breakfast**  
 7<sup>th</sup> Floor  
 Grand Ballroom

**Concurrent Working Sessions**  
**8:30 AM - 11:30 PM**

<b>Network Exploration - The Search for Information</b> 5 <sup>th</sup> Floor	<b>Discussion on ATTAINS</b> 8 <sup>th</sup> Floor	<b>Opportunities to Improve the TRI State Data Exchange</b> 8 <sup>th</sup> Floor	<b>Developing an Effective EN Grant Proposal</b> 7 <sup>th</sup> Floor	<b>Practical XML</b> 8 <sup>th</sup> Floor	<b>Meeting of the Geospatial Community of Interest: Where do we go from here?</b> 8 <sup>th</sup> Floor
<p><b>8:30 – 9:45</b>  <b>Room: Renaissance Ballroom</b>  <i>Moderator: Dennis Burling, Nebraska DEQ</i></p> <p>Let's explore and discuss new opportunities for the Exchange Network. Requirements are a good imagination, creative thinking, doodle pads, and cocktail napkins. Let's have some fun!!!!</p>	<p><b>8:30 – 9:45</b>  <b>Room: Wright Room</b>  <i>Moderator: Charles Kovatch, U.S. EPA OW</i></p> <p>This session will provide time to hear state users' feedback on the Office of Water Integrated Reporting data flow and discuss the future direction of the Assessment Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS). ATTAINS provides information reported by the states to EPA about the conditions in their surface waters under Clean Water Act Sections 305(b) and 303(d).</p>	<p><b>8:30 – 9:45</b>  <b>Room: Burnham Room</b>  <i>Moderators: Zachary Scott &amp; Juan Parra, U.S EPA OEI</i></p> <p>This session will provide current TRI State Data Exchange (SDX) participants with a forum to interact with EPA and other states to discuss potential opportunities to improve SDX.</p>	<p><b>8:30 – 9:45</b>  <b>Room: Empire Ballroom</b>  <i>Panelists: Gail George, Iowa DNR; Jonathan Jacobson, EPA OEI; Karl Alvarez, EPA OEI; Ryan Humrighouse, EPA OEI</i></p> <p>Iowa will share tips and the process they use for writing an Exchange Network grant, followed by EPA feedback on the strengths and weaknesses of grant applications, and time for questions and answers.</p>	<p><b>8:30 – 9:45</b>  <b>Room: Holabird Room</b>  <i>Moderator: Bill Rensmith, Windsor Solutions</i></p> <p>Interested in learning some basics about how XML is used and why? This session will help translate the language of the Exchange Network into plain English.</p>	<p><b>8:30 – 9:45</b>  <b>Room: Sullivan Room</b>  <i>Moderators: Louis Sweeny, Ross &amp; Associates</i></p> <p>This session will briefly review the Day 1 session and then move to a facilitated discussion directed towards prioritizing and elaborating on the candidate focus areas for the community of interest. If you have particular topics you'd like to add and discuss, send them to <a href="mailto:louis.sweeny@ross-assoc.com">louis.sweeny@ross-assoc.com</a> and we can get them on the agenda.</p>
<p><b>9:45 – 10:15</b>            8<sup>th</sup> Floor            Grand Balcony      <b>Networking Break</b></p>					

Sharing Exchange Network Tools 11 <sup>th</sup> Floor	The Future of SDWIS & the Collection of Drinking Water Monitoring and Compliance Data 8 <sup>th</sup> Floor	Data Publishing: Implementing Publishing at EPA, some examples of what was done and why 8 <sup>th</sup> Floor	CDX Program Status and Evolution – Establishing Partnerships on the Exchange Network 7 <sup>th</sup> Floor	Node User Group - EN Node 8 <sup>th</sup> Floor	Node User Group - OpenNode2 8 <sup>th</sup> Floor
<p><b>10:15 – 11:30</b> <b>Room: Grand Ballroom</b> <i>Moderators: Chris Simmers, New Hampshire DES; Jonathan Jacobson, U.S. EPA OEI</i></p> <p>The Network Partnership and Resources Group will moderate a panel on the benefits and constraints of sharing and reusing tools on the Exchange Network. Tom Aten from Wisconsin and Deric Long from EnfoTech will be presenting their adaptation of the MassAir tool to better forecast air quality across state boundaries. Lisa Berrios of the United South and Eastern Tribes (USET) will discuss USETs reuse and enhancement of the Northwest Indian Fisheries Commission’s “Super Node” concept and database. And Lico Galindo from EPA will present on how the Reusable Component Services tool both enables and promotes reuse.</p>	<p><b>10:15 – 11:30</b> <b>Room: Wright Room</b> <i>Moderator: Roger Howard, U.S. EPA OW</i></p> <p>The Safe Drinking Water Information System (SDWIS) supports the business needs associated with drinking water program operations and oversight, rule development, grants, enforcement and compliance oversight and outreach and assistance. Discussion topics will include a recent SDWIS Alternatives Analysis, the SDWIS data exchange, and thoughts on a single instance of the SDWIS database.</p>	<p><b>10:15 – 11:30</b> <b>Room: Burnham Room</b> <i>Moderators: Dwane Young, U.S. EPA ORCR; Kristen Gunthardt, U.S. EPA OW; Lee Kyle U.S. EPA OEI</i></p> <p>Both EPA Office of Water and EPA Office of Solid Waste Emergency Response have developed web services for sharing data with the public and with other trading partners. This session will give examples of how these services were developed in each of these offices as well as provide some opportunity for data partners to weigh in on these approaches and what those data partners would like to see from these two EPA Program Offices in regards to data publishing.</p>	<p><b>10:15 – 11:30</b> <b>Room: Empire Ballroom</b> <i>Moderator: Chuck Freeman, U.S. EPA, OEI</i></p> <p>This session is focused on a discussion of EPA’s Central Data Exchange (CDX) and the set of services that EPA can provide to help make your partnership and presence on the EN a success. EPA will provide a brief overview of changes implemented and on the horizon, as well as discuss topics such as CDX Node Help Desk trends and feedback, Administrative Tools that may be of value to Network partners, and lessons learned from the last year. EPA is extremely interested in hearing from you directly on ways that the Agency can help make your success on the Network easier.</p>	<p><b>10:15 – 11:30</b> <b>Room: Holabird Room</b> <i>Moderator: enfoTech</i></p> <p>This is an opportunity for Node administrators to interact with other users and with Node developers to discuss issues, tips, and successes in using the open source EN Node product.</p>	<p><b>10:15 – 11:30</b> <b>Room: Sullivan Room</b> <i>Moderator: Windsor Solutions</i></p> <p>This is an opportunity for Node administrators to interact with other users and with Node developers to discuss issues, tips, and successes in using OpenNode2.</p>
<p><b>11:40 – 12:00</b> 7<sup>th</sup> Floor Grand Ballroom</p> <p><b>Closing General Session</b> <i>Kurt Rakouskas, ECOS</i> Final thoughts and meeting wrap-up.</p>					