



Exchange Network Users Meeting

April 18, 2006 – April 19, 2006

Hilton San Francisco Hotel

Monday, April 17, 2006

5:30 – 7:00 PM

Pre-Conference Reception & Pre-Registration

Hilton San Francisco Hotel

Plaza Room A

Tuesday, April 18, 2006

Pre-Meeting Session

8:00 – 9:00 am

Continental Parlor 1-2

Network & Node 101

This session targets newcomers to the Network. Those more familiar with the basic concepts of the Network and Node building may wish to use this time for networking with other users. This session will provide a basic overview of Nodes, XML, and web services and provide information on resources for implementation and testing.

8:30 – 9:15

General Registration and Continental Breakfast

Continental Ballroom 4

General Session | Continental Ballroom 4

9:15 – 9:30

Welcome and Introductions – Molly O’Neill

9:30 – 10:30

Network Status Update – Kurt Rakouskas, ECOS

Overview of the New Network Governance Structure – Molly O’Neill

Network Future Direction – Mitch West, OR DEQ

10:30 – 10:45

Facility Data Exchange Refresh – Mitch West, OR DEQ & Pat Garvey, U.S. EPA

10:45 – 11:00

Break

11:00 – 12:00

Panel Discussion with Web Services Vendors

This session will feature a panel discussion on emerging web services technologies with representatives from Oracle, Microsoft, and IBM.

12:00 – 1:15 pm

Lunch - on your own

Breakout Sessions

Track 1: Water Related Data Exchanges	Track 2: Air Related Data Exchanges	Track 3: Technical Information
<p>1:15 – 3:15 Continental Parlor 1-2 <i>Moderator: Rob Willis, Ross & Associates</i></p> <ul style="list-style-type: none"> • EPA Office of Water - Water Quality Exchange (WOX) Joe Wilson, U.S. EPA • Chesapeake Bay Program Regional Exchange for BMPs Nancy Imler, PA DEP • Minnesota Hydrographic Geospatial Data Exchange Mark Olsen, MN Pollution Control Agency 	<p>1:15 – 3:15 Continental Parlor 3 <i>Moderator: Pat Garvey, EPA OEI</i></p> <ul style="list-style-type: none"> • Air Quality System (AQS) Nick Mangus, U.S. EPA • Interstate Air Quality Data Exchange / AirNow Angela Witcher, NJ DEP • National Emissions Inventory Air Force Pilot Project Steve Rasmussen, U.S. Air Force Sally Dombrowski, U.S. EPA 	<p>1:15 – 3:15 Continental Ballroom 4 <i>Moderator: Bill Rensmith, Windsor Solutions</i></p> <ul style="list-style-type: none"> • Guidance for Designing Data Exchanges Tom Aten, Wisconsin DNR • Technical Best Practices for Data Exchange Design Bill Rensmith, Windsor Solutions • Shared Schema Components Doug Timms, enfoTech
<p>3:15 – 3:30 Break</p>	<p>3:15 – 3:30 Break</p>	<p>3:15 – 3:30 Break</p>
Track 1: Water Related Data Exchanges	Track 2: Waste Related Data Exchanges	Track 3: Technical Information
<p>3:30 – 5:30 Continental Parlor 1-2 <i>Moderator: Rob Willis, Ross & Associates</i></p> <ul style="list-style-type: none"> • Electronic Exchange of Drinking Water Lab Data Mike Matsko, NJ DEP • NetDMR Greg Nudd, TX Commission on Environmental Quality • Southeast Concentrated Animal Feeding Operation (CAFO) Data Exchange Melanie Morris, MS DEQ Randy Moody, NC DENR 	<p>3:30 – 5:30 Continental Parlor 3 <i>Moderator: Pat Garvey, EPA OEI</i></p> <ul style="list-style-type: none"> • RCRAInfo Steve Rosenberger, Windsor Solutions • Waste X - Washington Hazardous Waste Transporters Tracking System Dan Kruger, WA Department of Health 	<p>3:30 – 4:45 Continental Ballroom 4 <i>Moderator: Chris Clark, EPA OEI</i></p> <ul style="list-style-type: none"> • Exchange Network Security (NAAS) <ul style="list-style-type: none"> ◦ SAK, XKMS • Network Software Developer Kit - A toolkit designed for integrating Network functions directly into applications including signature, encryption, and other basic Network functions. • QA Services - XML document parsing service utilizing the .NET Reader (New 2.0 version). • Stylesheet Transformation Service - New service that can transform a document based on a stylesheet (XSLT) into a new format. <p>4:45 – 5:30 Panel Discussion on Emerging Issues <i>Mitch West, OR DEQ / Miles Neale, WA DOE / Tom Aten, WI DNR / Chris Clark, EPA OEI</i></p> <ul style="list-style-type: none"> • Error Handling • Database Synchronization • Querying Costing

Wednesday, April 19, 2006

Breakout Sessions

Track 1: Partnering with Other Networks & Agencies	Track 2: Cross Program Data Exchanges	Track 3: Technical Information
<p>8:30 – 10:30 Continental Parlor 1-2 <i>Moderator: Mary McCaffery, U.S. EPA</i></p> <ul style="list-style-type: none"> • Overview of Other Networks (Health, Justice) Mary McCaffery, U.S. EPA • Homeland Security Data Exchange Mike Beaulac, MI DEQ • Montana Methamphetamine Lab Data Exchange Robin Trenbeath, MT DEQ 	<p>8:30 – 10:30 Continental Parlor 3 <i>Moderator: Tom Aten, WI DNR</i></p> <ul style="list-style-type: none"> • Substance Registry System Dennis Murphy, DE DNREC • Biodiversity Data Exchange Douglas Sellers, NatureServe Janice Miller, WA DNR • Washington DOE/DOH Fish Tissue Data Exchange Miles Neale, WA Department of Ecology 	<p>8:30 – 10:30 Continental Ballroom 4 <i>Moderator: Chris Clark, EPA OEI</i></p> <ul style="list-style-type: none"> • Open Source - Overview/Tools/Node - An overview of open source tools and the integration of tools into a node implementation based completely on open sources code. • Velocity High Performance Open Source Data Mapper - This tool supports the conversion of practically any format to any format based on a configuration file. • Business Process Execution Language (BPEL) in the CDX Node - This technology supports the orchestration and management of complex business processes that require multiple steps and web service calls. • XML Gateway - a new security service that filters web service messages based on predefined rules such as adherence to the network WSDL and adds an additional security layer for messaging.

General Session

10:30 – 10:45	Break
10:45 – 12:00	<p>Exchange Network Return on Investment Study – Mike Beaulac, MI DEQ & Doug Timms, enfoTech Exchange Network Performance Measures Project – Mary Greene, U.S. EPA Business Drivers – Ken Blumberg, U.S. EPA Region I Communications Plan – Mike Beaulac, MI DEQ & Mary Greene, U.S. EPA</p>
12:00 – 1:15	Lunch - on your own
1:15 – 2:30	Exchange Network Discovery Service (ENDS) – Mitch West & Glen Carr - OR DEQ, Chris Clark – U.S. EPA
2:30 – 3:00	Meeting Wrap-up and Closing Comments