Tribal Exchange Network Users Meeting
May 2011
Why the Network?

Proliferation of incompatible, inflexible IT systems led to:

• Burdensome, repetitive data entry
• Inefficient processes for uploading data
• More demands for money and staff
• Data quality and reliability issues
• Difficulty sharing data other than with EPA
• Duplication of efforts across programs
What Can I Do With It?

• Submit data to EPA
  – e.g. ambient water monitoring data to STORET
• Submit data to other trusted partners
  – NWIFC and USET water quality exchange
• Make your data available for consumption by trusted EN partners and automated tools
• Discover and access data published by other Network partners
The Network as Plumbing
Tools at the End of the Pipe
There’s an App for That

- Region 7 states built an app to access Facility data on a mobile device
  - Search on any term
  - Search current location
  - Search near any location
There’s an App for That

- See details about site:
  - Current / past name
  - Location
  - Environmental interests
  - Contacts and phone numbers
EDWR  
Drinking Water Data

SDWIS  
Safe Drinking Water Information System Data Publishing

- Node/Services

NJDEP Test Node
- Ver. 1.1 - Last Update: 3/26/11 11:08:00 PM -04:00

GetSDWISXML (Solicit)
Solicits PWS Inventory, Violations, Lead Action Level Exceedances, and Sample Results from the NJDEP SDWIS-State System.

CDXTest2.0
- Ver. 2.0 - Last Update: 3/26/11 11:08:00 PM -04:00

Request Parameter Information

- County Name: MERCER
- Start Date (mm/dd/yyyy): 1/1/11
- End Date (mm/dd/yyyy): 1/31/11
- Analyte Name
- Regulated Indicator: Y

Request Data
Transaction Management Page

Welcome: kurt@exchangenetwork.net

Transaction Search Criteria

Request ID: [Input Field]
Status: [Dropdown]
Node Identifier: [Input Field]
Data Flow: [Dropdown]
Service: [Dropdown]
Method: [Dropdown]
Requested Date From: [Input Field]
Date To: [Input Field]

Search

Transaction Management

Request ID | Status | Dataflow | Node Name | Service | FileName | Created Date
-----------|--------|----------|-----------|---------|----------|--------------
99 | Data Downloaded | SDWIS | NJ | GetSDWISXML | File_99_20110327.zip | 3/27/11 8:43:36

Transaction ID: _90b7cbe3-1bbf-406b-90f3-5becae421b45
Node Version: 1.1
Node URL: https://www11-stg.state.nj.us/Node.WebServices/services/NetworkNodeSoap_V11
Service Name: GetSDWISXML
Method Name: Solicit
Parameters: Show Parameters
Status: Data Downloaded
Error: Completed

Transform | Download Files | Request Again | Delete

Transferring data from exchangenetworkbrowser.net...
## SDWIS Data

### PWS Inventory

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EN2011 Highlights

- More time devoted to needs of new users
- Finishing Phase 1 of the Exchange Network
- Sessions on National System Flows
- Panel discussion on Gulf Oil Spill and opportunities for the Network
- Small group sessions and brainstorming exercises
- Hands-on opportunities at the Exchange Network Petting Zoo
More information at:
http://www.exchangenetwork.net

or

Kurt Rakouskas
301.531.5186
kurt@exchangenetwork.net