

Environmental Information



Tribal Exchange Network Users Meeting

May 2011



Why the Network?

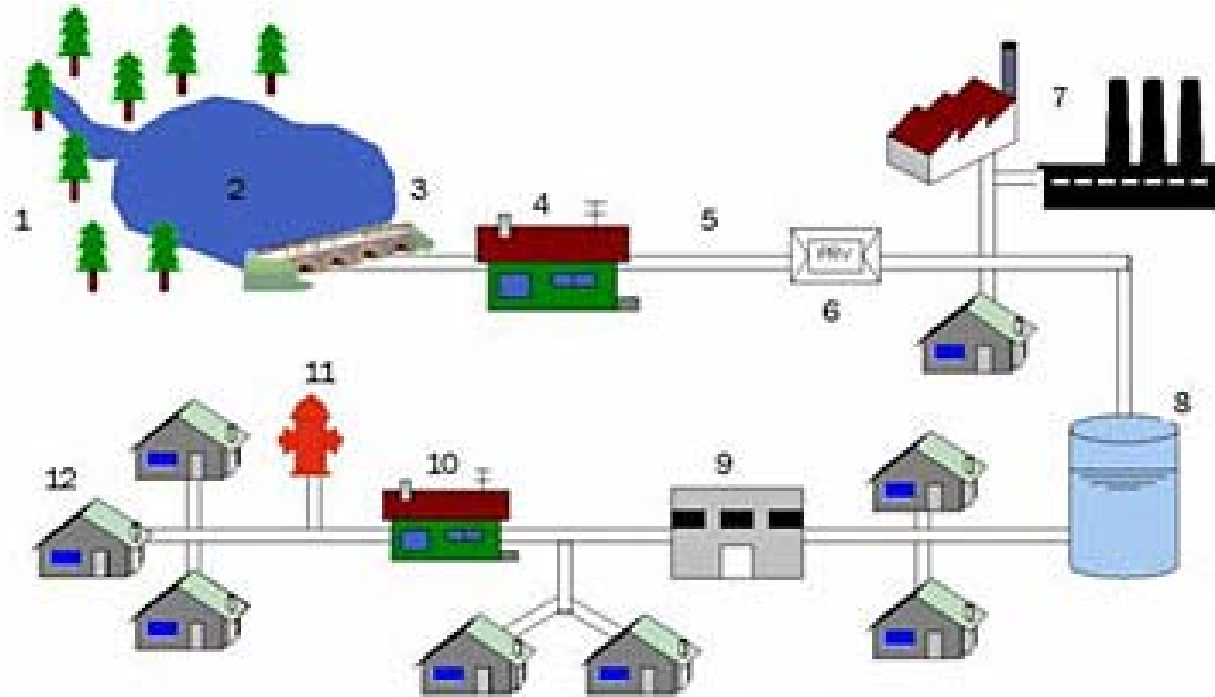
Proliferation of incompatible, inflexible IT systems led to:

- 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

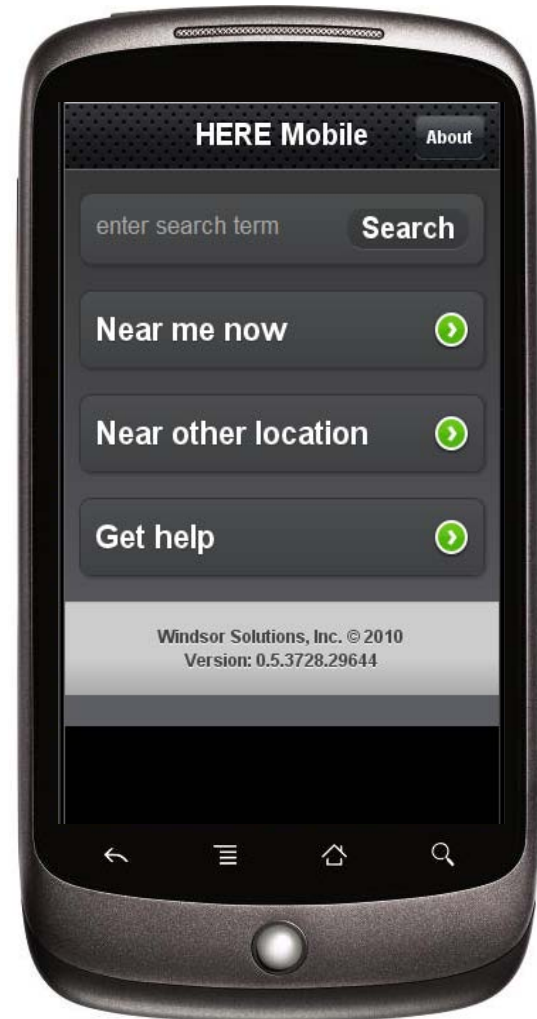


Tools at the End of the Pipe



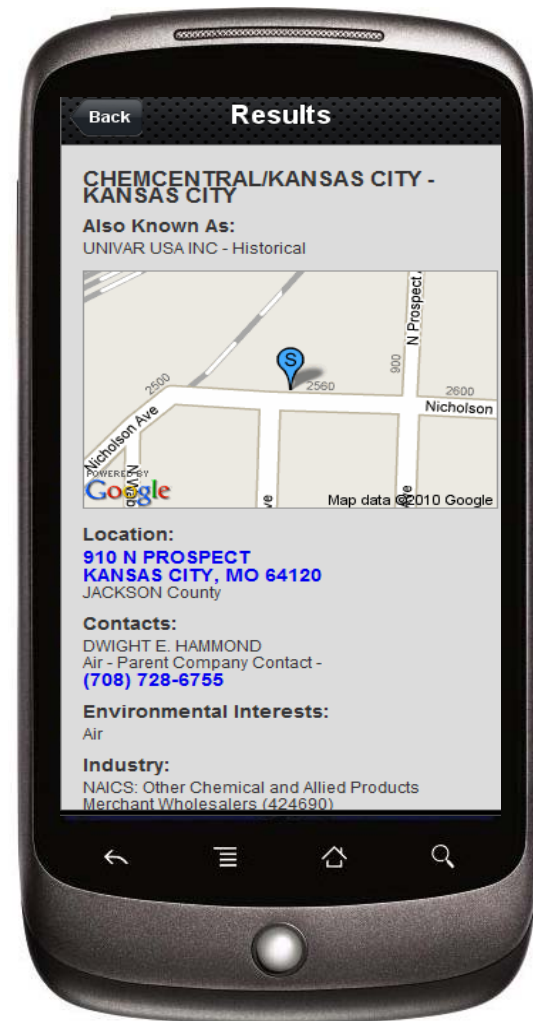
There's an App for That

- 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

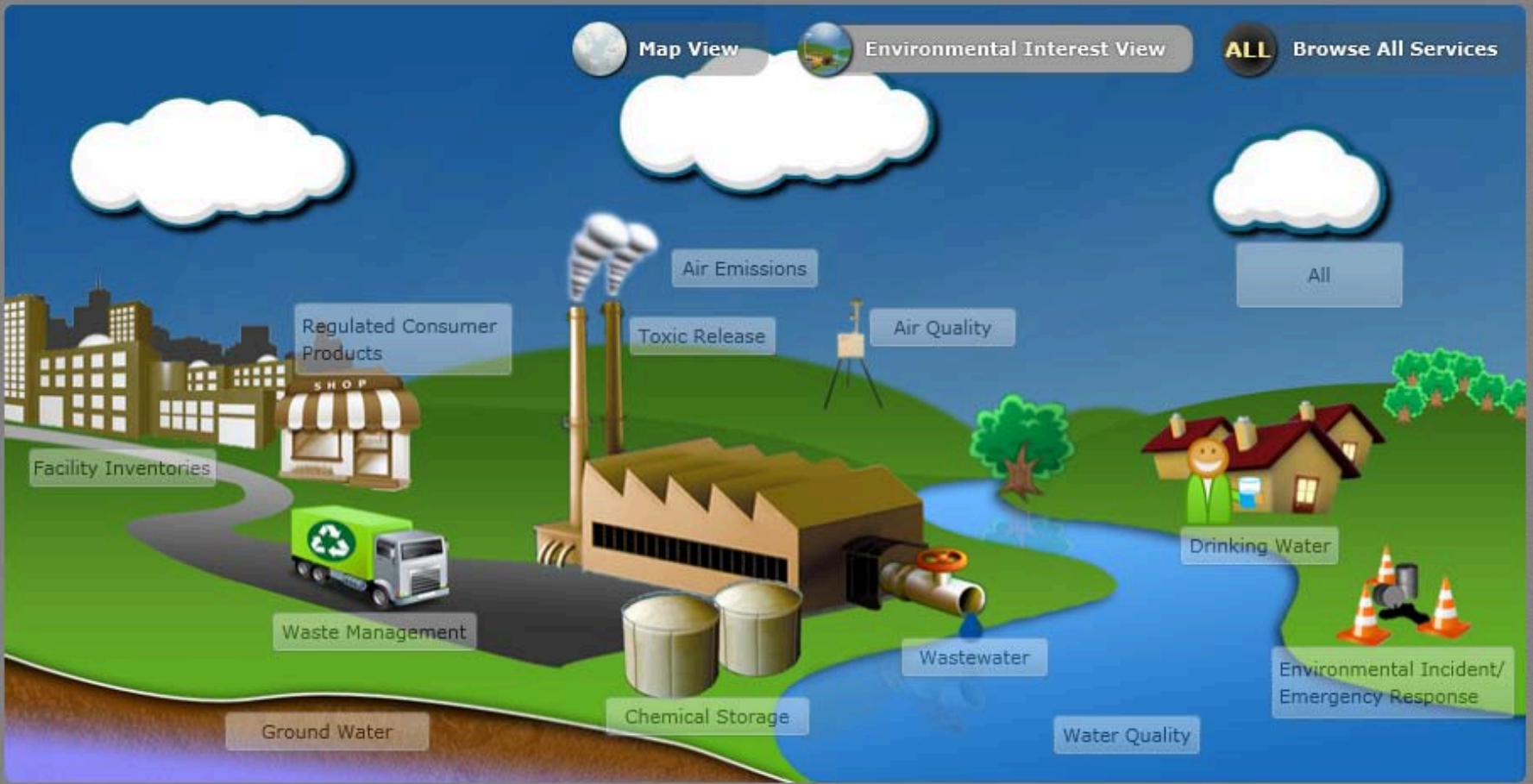
- See details about site:
 - Current / past name
 - Location
 - Environmental interests
 - Contacts and phone numbers





Welcome: kurt@exchangenetwork.net

Map View | Environmental Interest View | **ALL** Browse All Services





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- Dataflow

- Node/Services

SDWIS > NJDEP Test Node > GetSDWISXML (Solicit)

Request Parameter Information

County Name MERCER

Start Date (mm/dd/yyyy) 1/1/11 15

End Date (mm/dd/yyyy) 1/31/11 15

Analyte Name

Regulated Indicator Y

Request Data

EDWR

Drinking Water Data

SDWIS

Safe Drinking Water Information System Data Publishing



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



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Transaction Search Criteria

Request ID:

Status:

Node Identifier:

Data Flow:

Service:

Method:

Requested Date From: 15

Date To: 15

Search

Request ID	Status	Dataflow	Node Name	Service	File Name	Created Date
99	Data Downloaded	SDWIS	NJ	GetSDWISXML	File_99_20110327.zip	3/27/11 8:43:39



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](#)

SDWIS Data

PWS Inventory

Primary Source Code	Principal City Served Name	Principal County Served Name	PWS Name	PWS Number	State Served Name	System Population	Total Connections	County FIPS Code	Year
GW	EAST WINDSOR TWP.-1101	MERCER	EAST WINDSOR MUA	NJ1101002	NJ	25000	6053	34021	2011
SWP	HAMILTON TWP.-1103	MERCER	AQUA NJ - HAMILTON SQUARE	NJ1103001	NJ	49000	13000	34021	2011
GW	HIGHTSTOWN BORO-1104	MERCER	HIGHTSTOWN WATER DEPARTMENT	NJ1104001	NJ	5400	1791	34021	2011
SWP	HOPEWELL BORO-1105	MERCER	HOPEWELL BORO W DEPT	NJ1105001	NJ	2035	837	34021	2011
GW	HOPEWELL TWP.1106-	MERCER	HOPEWELL TWP WATER&SEWER	NJ1106001	NJ	356	103	34021	2011
GW	HOPEWELL TWP.1106-	MERCER	MERCER COUNTY CORRECTIONAL CEN	NJ1106002	NJ	860	2	34021	2011
GW	LAWRENCE TWP.-1107	MERCER	LAWRENCEVILLE SCHOOL	NJ1107001	NJ	1000	82	34021	2011
GW	LAWRENCE TWP.-1107	MERCER	LAWRENCEVILLE WATER COMPANY	NJ1107002	NJ	8655	2665	34021	2011
GW	PENNINGTON BORO-1108	MERCER	PENNINGTON W DEPT	NJ1108001	NJ	2600	968	34021	2011
SW	TRENTON CITY-1111	MERCER	TRENTON WATER WORKS	NJ1111001	NJ	205000	60000	34021	2011

SDWIS Data

Sample Results

Analyte	Code	Data Quality Code	Detection Limit UOM Code	PWS Number	Sampling Point	UOM Code	Collection Date	Concentration	Detection Limit Number	Less Than Indicator	Sample ID
CHLOROFORM	2941	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
BROMOFORM	2942	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
BROMODICHLOROMETHANE	2943	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
CHLORODIBROMOMETHANE	2944	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
TETRACHLOROETHYLENE	2987	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
TRICHLOROETHYLENE	2984	A	UG/L	NJ1103001	TP004014		10JAN2011	.5	1		782448
CHLOROFORM	2941	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
BROMODICHLOROMETHANE	2943	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
TRICHLOROETHYLENE	2984	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
TETRACHLOROETHYLENE	2987	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
CHLORODIBROMOMETHANE	2944	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
BROMOFORM	2942	A	UG/L	NJ1103001	TP012035		10JAN2011	.5	1		782447
CHLOROFORM	2941	A		NJ1104001	TP001004	UG/L	05JAN2011	1.46		0	775263
TETRACHLOROETHYLENE	2987	A	UG/L	NJ1104001	TP001004		05JAN2011	.15		1	775263
CHLORODIBROMOMETHANE	2944	A		NJ1104001	TP001004	UG/L	05JAN2011	1.32		0	775263
TRICHLOROETHYLENE	2984	A	UG/L	NJ1104001	TP001004		05JAN2011	.14		1	775263
BROMODICHLOROMETHANE	2943	A		NJ1104001	TP001004	UG/L	05JAN2011	1.4		0	775263
BROMOFORM	2942	A		NJ1104001	TP001004	UG/L	05JAN2011	.5		0	775263
CHLOROFORM	2941	A		NJ1105001	DBPMAX	UG/L	04JAN2011	19.3		0	778742
TOTAL TRIHALOMETHANES (TTHM)	2950	A		NJ1105001	DBPMAX	UG/L	04JAN2011	28.97		0	778742

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

