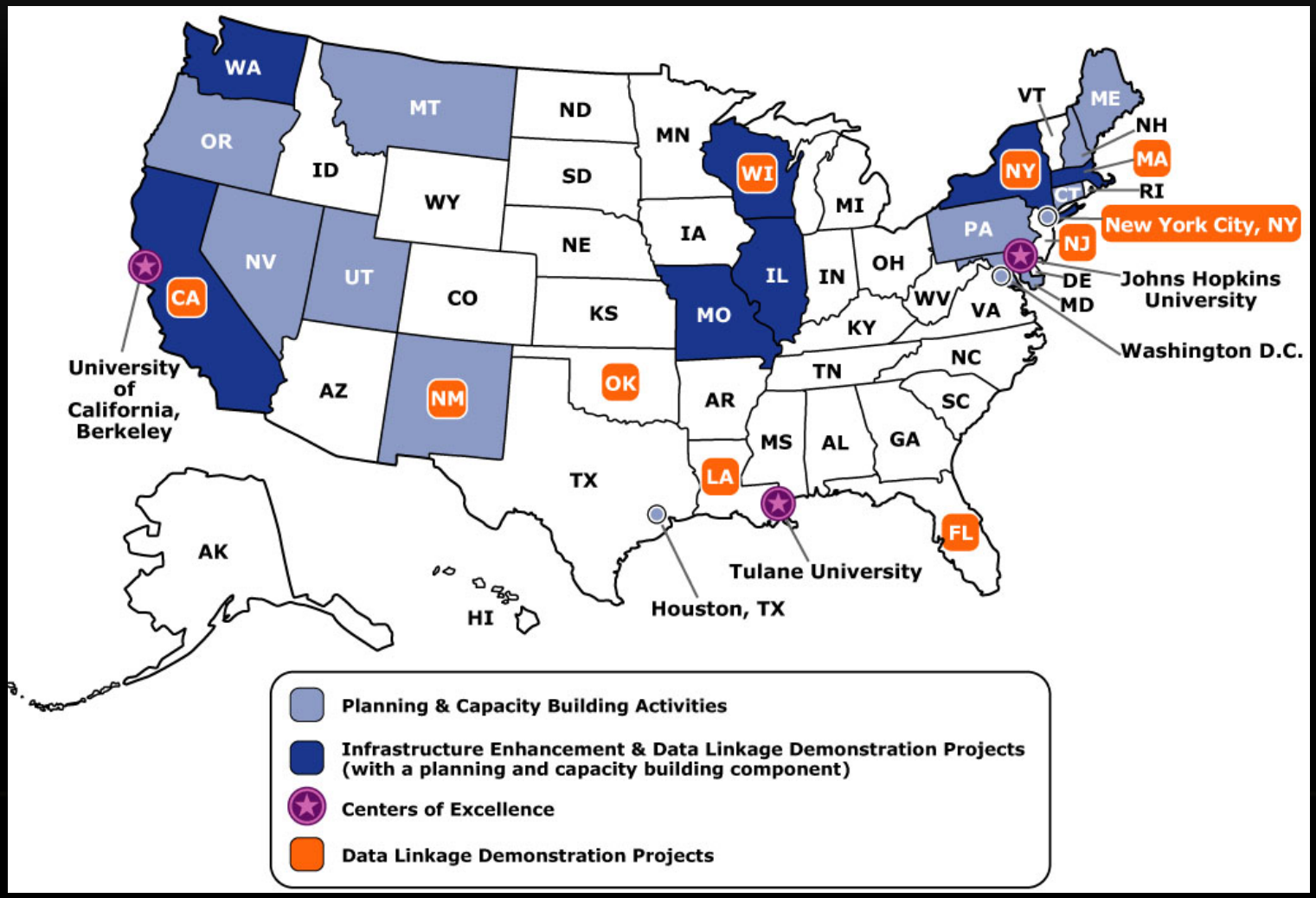
ENVIRONMENTAL PUBLIC HEALTH TRACKING AND THE AMBIENT RADIATION DATA EXCHANGE

By: Mike Matsko,
NJ Department of Environmental Protection

EVERYONE KNOWS THIS MAP!

Operational | In Development | Not Yet Started

WHAT ABOUT THIS ONE?



ENVIRONMENTAL PUBLIC HEALTH TRACKING (EPHT)

- The ongoing collection, integration, interpretation, and dissemination of data from environmental hazard monitoring, human exposure and health effects surveillance.
- CDC and States building a data sharing Network.
- Standardized information is shared and made available on the National and state/local public portals. Secure portals exist for non-public data.
- Some States provide content in addition to the nationally consistent data measures.

NATIONAL TRACKING NETWORK PORTAL

http://ephtracking.cdc.gov/showHome.action

View Favorites Tools Help

National Environmental Public Health Tracking Networ...

CDC Home

Centers for Disease Control and Prevention

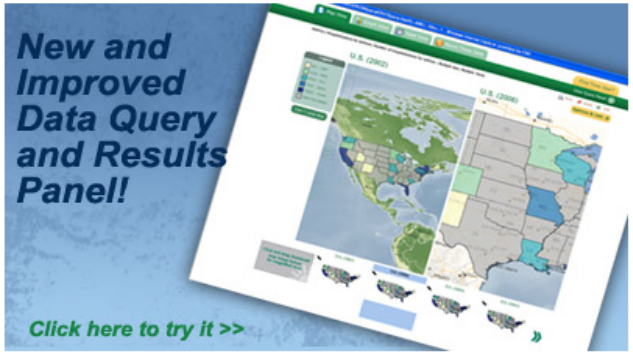
CDC 24/7: Saving Lives. Protecting People. Saving Money Through Prevention.

SEARCH

Tracking A-Z Index A B C D E F G H I J K L M N O P Q R S T U V W X Y Z #

Glossary A-Z | CDC A-Z | Tracking A-Z

National Environmental Public Health Tracking Network



3/4

The National Environmental Public Health Tracking Network (Tracking Network) is a system of integrated health, exposure, and hazard information and data from a variety of national, state, and city sources.

On the Tracking Network, you can view maps, tables, and charts with data about:

- chemicals and other substances found in the environment
- some chronic diseases and conditions
- the area where you live

Learn more about the Tracking Network

Explore Tracking Data

Quick Links

- Home
- About Tracking Program
- State & Local Tracking Portals
- Indicators & Data
- Secure Portal
- Print page
- Bookmark and share
- CDC on Facebook
- CDC on Twitter

Tracking Hot Topics

Drinking Water Week- May 6-12th

CDC releases new biomonitoring module

Evaluation of a Heat Vulnerability Index on

Environments

- Climate Change
- Outdoor Air

Health Effects

- Asthma
- Cancer

Internet

NATIONALLY CONSISTENT DATA MEASURES

- Air Quality
- Asthma
- Birth Defects
- Cancer
- Carbon Monoxide Poisoning
- Childhood Lead Poisoning and Age of Housing
- Community Drinking Water
- Myocardial Infarctions (Heart Attacks)
- Vital Statistics/Reproductive Health Outcomes

NEW JERSEY'S PORTAL

http://www4.state.nj.us/dhss-shad/home

Edit View Favorites Tools Help

Welcome to NJSHAD: New Jersey's Public Health Data...

Page Tools

Search

NJHome | Services A to Z | Departments/Agencies | FAQs

STATE OF NEW JERSEY
DEPARTMENT OF HEALTH AND SENIOR SERVICES

» New Jersey State Health Assessment Data

SHAD

Home Publications Indicator Reports Dataset Queries

- Welcome
- Contents and Usage
- Acknowledgments
- Site Map
- Suggested Citation
- Contact Information
- Help

Welcome to NJSHAD: New Jersey's Public Health Data Resource

You are Here: NJSHAD > Home > current page

Welcome to the New Jersey Department of Health and Senior Services' State Health Assessment Data (NJSHAD) System. This site provides access to public health datasets and information on the health status of New Jerseyans.

Health Status
INDICATORS

- Brief Health Status Reports
- Graphs
- Data Interpretation

Custom Dataset
QUERIES

- User-Defined Queries
- Data Tables
- Graphs

More Info &

Background &

BEYOND THE NATIONAL DATA MEASURES

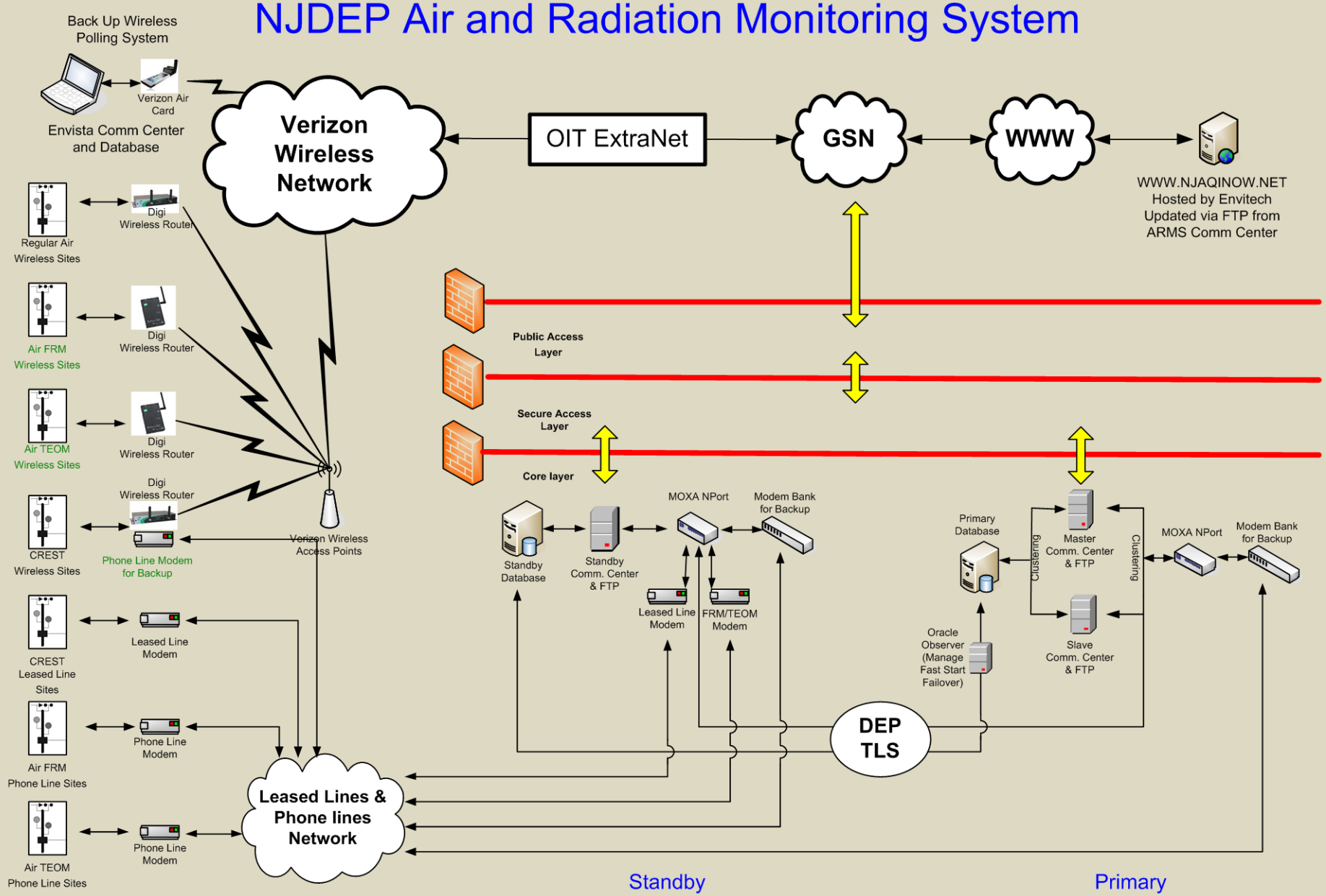
- Expanded Air Quality Monitoring Data
- Private Well Water Testing Results
- Site Cleanup Groundwater, Soil and Air Sampling
- Radon Monitoring Results
- Ambient Air Radiation Monitoring Data

These flows were built to meet Exchange Network standards and will be posted on the EN Website for reuse by any partner. If you are an EPHT state or just want to share this data, the flows will be available as EN Reuseability Packages.

AMBIENT AIR MONITORING DATA

- Air and Radiation Monitoring System
  - Continuous minute and hourly monitoring system
  - NJ data source for AirNow and AQS data submissions
- Exchange Network Services
  - AirNow
  - AQS
  - Air Monitoring Service to Law and Public Safety
  - Air Monitoring Service on the Exchange Network Browser

NJDEP Air and Radiation Monitoring System



Green Devices represent future projects

Prepared by Harry Chen, 12/1/2010

SITES AND MONITORS

Target	Sites	Monitors	Site Type
Air Quality	24	183	Continuous
Mercury	3	9	Non-Continuous
PAMS	3	175	Non-Continuous
PM Filter	26	229	Non-Continuous
Radiation	32	165	Continuous
Speciation	11	336	Non-Continuous
Toxics	4	292	Non-Continuous
Total	103	1389	

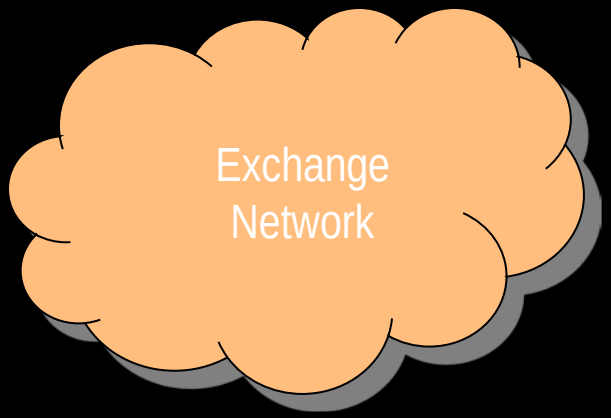
AMBIENT RADIATION DATA EXCHANGE

- Data Consumers – NJDOHSS, LPS, USDOE, FEMA, USEPA
- Consumers had their own analysis tool preference
- Consumers had different service requirements
  - Solicit vs. Submit
  - Different search parameters

RADIATION DATA EXCHANGE

<u>Data Consumers</u>

- NJDHSS
- LPS
- USDOE
- FEMA



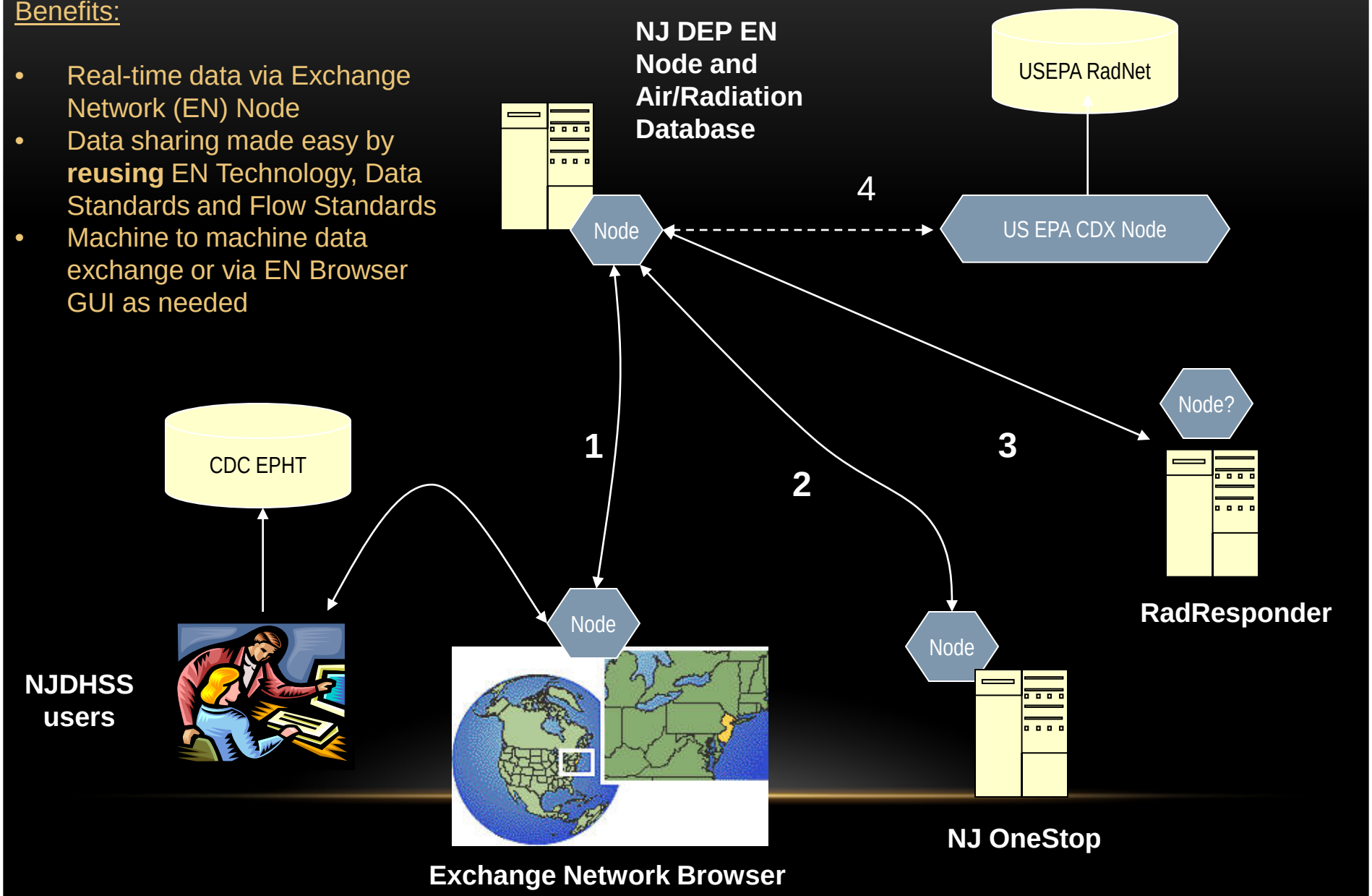
<u>Analysis Tools</u>

- EN Browser
- NJ OneStop
- RadResponder

Radiation Flows for NJDHSS, LPS, USDOE

Benefits:

- Real-time data via Exchange Network (EN) Node
- Data sharing made easy by **reusing** EN Technology, Data Standards and Flow Standards
- Machine to machine data exchange or via EN Browser GUI as needed



EN BROWSER - NJDHSS

ENBrowser - www.enbrowser.net

the exchange network browser

Home | Data Discovery | Transactions | Data Analysis | Dataflow Admin.

Welcome, mike.matsko@dep.state.nj.us (Production)

Home | Logout • about

Welcome to the Exchange Network Browser. This tool lets people retrieve data from environmental data providers who have published environmental and health data on the Exchange Network and registered their data with the Exchange Network Discovery Service.

Get Started:

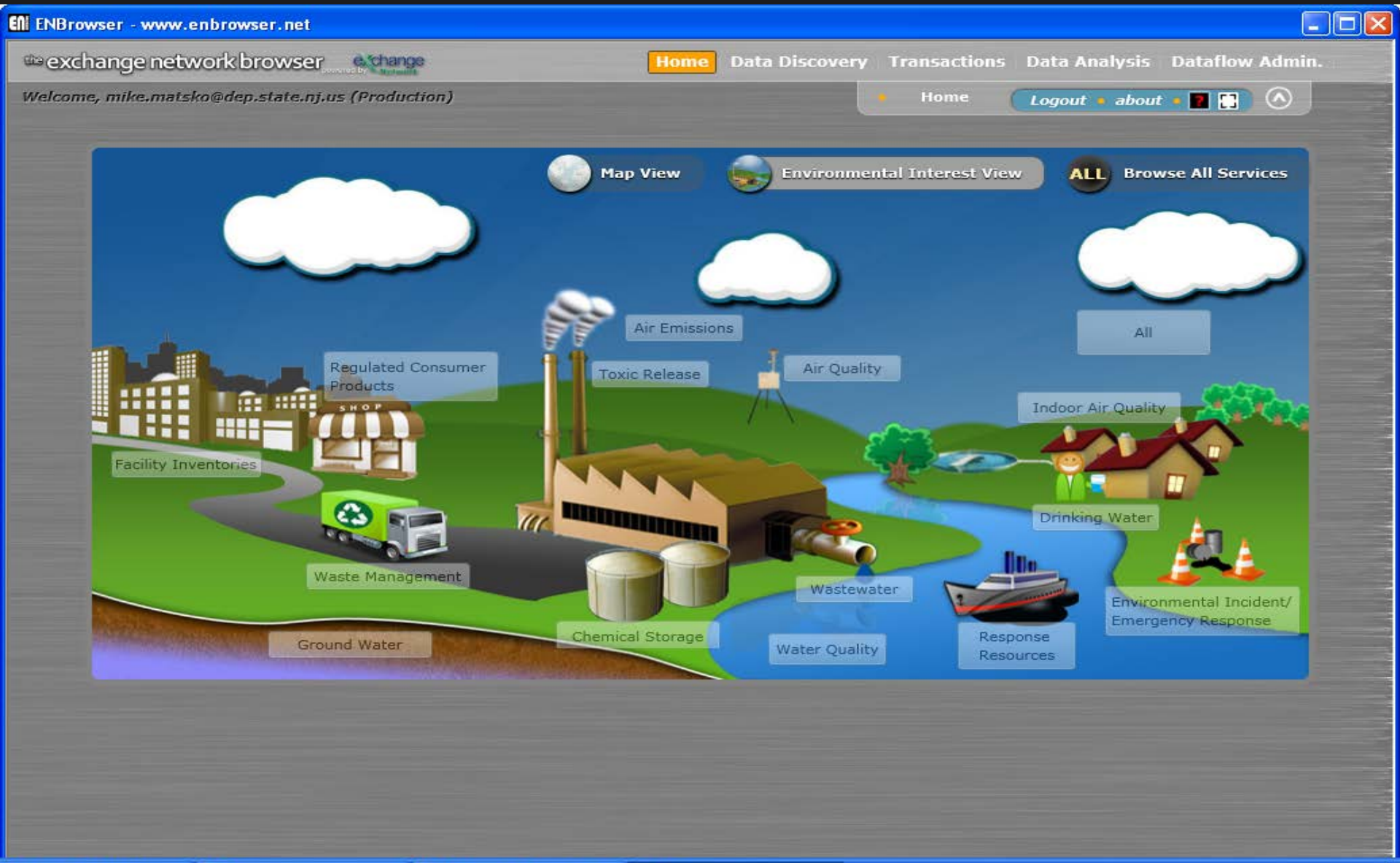
- **Map View** — Search data providers using a Map. This approach is useful when you are interested in multiple types of environmental data at one geographic location.
- **Environmental Interest View** — Search data by Environmental Interest. This is most useful when you are interested in a particular type of environmental data from multiple data providers.
- **ALL Browse All Services** — Browse all available services. This approach provides the most flexibility in searching for available data services across a variety of data providers.

For More Info:

About the ENBrowser | About the Exchange Network | Access ENBrowser Test | Help | Disclaimer

Inbox - Mike.Matsko... | R3 | Ambient Radiation Da... | ENBrowser - www.en...

EN BROWSER – ENVIRONMENTAL INTEREST VIEW



EN BROWSER – DATA FLOWS

ENBrowser - www.enbrowser.net

the exchange network browser

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Data Discovery | Logout • about

- Dataflow

AIRNOW
Data flows related to the AIRNOW program.

AMBIENT_RADIATION
Ambient Air Radiation Monitoring Data

AQDE
Air Quality Data Exchange, published ambient air quality data in AQS XML format.

AQS
Air Quality System

- Node/Services

NJDEP Production Node

- Ver. 2.0
- Last Update: 4/9/2013 10:43:54 AM
- Url: https://www11.state.nj.us/Node.WebServices/services/NetworkNode2

Inbox - Mike.Matsko... | R3 | Ambient Radiation Da... | ENBrowser - www.en...

EN BROWSER – SERVICE PARAMETERS

ENBrowser - www.enbrowser.net

the exchange network browser

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- Dataflow

AIRNOW
Data flows rela
program.

AMBIENT_RA
Ambient Air Ra
Data

AQDE
Air Quality Dat
published amb
in AQS XML fo

AQS
Air Quality Sys

- Node/Services

NJDEP Production Node
Ver. 2.0 • Last Update: 4/9/20
Url: https://www11.state.nj.us

Ambient_Radiation_Solicit_
Solicits raw hourly data from
return is an XML file that uses

AMBIENT_RADIATION > NJDEP Production Node > Ambient_Radiation_Solicit_v2 (Solicit)

Request Parameter Information

Begin Date and Time 4/8/2013 15 0:00:00 *

End Date and Time 4/9/2013 15 0:00:00 *

Request Data

Inbox - Mike.Matsko... | R3 | Ambient Radiation Da... | ENBrowser - www.en...

EN BROWSER – SERVICE CONFIRMATION

ENBrowser - www.enbrowser.net

exchange network browser

Home | Data Discovery | Transactions | Data Analysis | Dataflow Admin.

Welcome, mike.matsko@dep.state.nj.us (Production)

Logout • about

- Dataflow

AIRNOW

AMBIENT_RA

Ambient Air Ra Data

AQDE

AQS

- Node/Services

NJDEP Production Node

Ver. 2.0 • Last Update: 4/9/20

Url: https://www11.state.nj.us

Ambient_Radiation_Solicit_

Solicits raw hourly data

return is an XML file tha

AMBIENT_RADIATION > NJDEP Production Node > Ambient_Radiation_Solicit_v2 (Solicit)

Request Parameter Information

Begin Date and Time 4/8/2013 0:00:00

End Date and Time 4/9/2013 0:00:00

Request Data

Request has been sent

Your request for data has been sent to the following node:

NJDEP: NewJerseyNodeV2_Prod

You can track this request at the Transaction Management screen with

Request ID: 2203

What do you like to do now?

Track This Request | Make Another Request

Inbox - Mike.Matsko... | R3 | Ambient Radiation Da... | ENBrowser - www.en...

EN BROWSER – SERVICE TRACKING

ENBrowser - www.enbrowser.net

the exchange network browser

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Transaction Management | Logout • about

Transaction Search Criteria

Request ID:

Status:

Node Identifier:

Data Flow:

Service:

Method:

Requested Date From: <M/d/yyyy>

Date To: <M/d/yyyy>

Search

Request ID	Status	Dataflow	Node Name	Service	File Name	Created Date
2203	**Data Downloaded**	AMBIENT_RADIATION	NewJerseyNodeV2_Prod	Ambient_Radiation_Solicit_v2	File_2203_20130409.zip	4/9/2013 9:52:
2147	**No Data**	WQX	NewJerseyNodeV1_Prod	GetWaterQualityDataSolicit	File_2147_20130212.zip	2/12/2013 1:26
2142	**Data Downloaded**	AMBIENT_RADIATION	NewJerseyNodeV2_Prod	Ambient_Radiation_Solicit_v2	File_2142_20130205.zip	2/5/2013 2:21:
2141	**Data Downloaded**	SDWIS	NewJerseyNodeV1_Prod	GetSDWISXML	File_2141_20130205.zip	2/5/2013 10:04
2071	**Request Submitted**	WQX	EPA Storet Mini Portal	getResults		12/4/2012 9:16
2070	**Request Submitted**	WQX	EPA Storet Mini Portal	getStations		12/4/2012 9:16
2060	**Data Downloaded**	WQX	NewJerseyNodeV1_Prod	GetWaterQualityDataSolicit	File_2060_20121127.zip	11/27/2012 3:0
2038	**Data Downloaded**	WQX	EPA Storet Mini Portal	getStations	2038_getStations.zip	11/20/2012 1:0
2037	**Data Downloaded**	WQX	EPA Storet Mini Portal	getStations	2037_getStations.zip	11/20/2012 1:0

OK Authenticate ⇨ OK Request Data ⇨ OK Download Data ⇨ ? Parse Data

Transaction ID: _08e6a67f-c993-456f-b834-16ffb0473cff

Node Version: 2.0

Node URL: https://www11.state.nj.us/Node.WebServices/services/NetworkNode2

Service Name: Ambient_Radiation_Solicit_v2

Method Name: Solicit

Parameters: Show Parameters

Status: Data Downloaded

Additional Info.: The transaction has completed,no further action will be taken on the request/submission except Node Wizard thread.

Transform | Download Files | Populate Data to Local PDL | Request Again | Delete

3.1.4728 (12/11/2012 1:46:40 PM EST) (mike.matsko@dep.state.nj.us)

EN BROWSER – DATA TRANSFORMATION

ENBrowser - www.enbrowser.net

the exchange network browser

Home | Data Discovery | Transactions | Data Analysis | Dataflow Admin.

Welcome, mike.matsko@dep.state.nj.us (Production)

Transaction Management | Logout | about

Transaction Search Criteria

Request ID:
Status:
Node Identifier:
Data Flow:
Service:
Method:
Requested Date From: <M/d/yyyy>
Date To: <M/d/yyyy>

Search

Request ID	Status	Dataflow	Node Name	Service	File Name	Created Date
2203	Data Downloaded	AMBIENT_RADIATION	NewJerseyNodeV2_Prod	Ambient_Radiation_Solicit_v2	File_2203_20130409.zip	4/9/2013 9:52:
				DataSolicit	File_2147_20130212.zip	2/12/2013 1:26
				on_Solicit_v2	File_2142_20130205.zip	2/5/2013 2:21:
					File_2141_20130205.zip	2/5/2013 10:04
						12/4/2012 9:16
						12/4/2012 9:16
2060	Data Downloaded	WQX	NewJerseyNodeV1_Prod	GetWaterQualityDataSolicit	File_2060_20121127.zip	11/27/2012 3:0
2038	Data Downloaded	WQX	EPA Storet Mini Portal	getStations	2038_getStations.zip	11/20/2012 1:0
2037	Data Downloaded	WQX	EPA Storet Mini Portal	getStations	2037_getStations.zip	11/20/2012 1:0

Delete

Transform Option

File List:

- AQDERawData_RadiationSubmission_08e6a67f-c993-456f-b834-16ffb0473cff.xml (14:

File Style Sheet:

- CSV: Creates a comma separated flat file readable by Excel.
  - Remove Empty Columns (suitable for a .CSV file which contains only one table)
- GML: Transforms Ambiant Radiation Data to GML Format
- HTML: Transforms Ambiant Radiation Data to HTML Format

Apply Transform

3.1.4728 (12/11/2012 1:46:40 PM EST) (mike.matsko@dep.state.nj.us)

EN BROWSER – HTML / CSV / GML

Facility Display - Windows Internet Explorer

http://www.enbrowser.net/enbrowser/Handler/hdTransform.ashx?userName=mike.matsko@dep.state.nj.us&tranRID=2142&fileName=AQDERawData_Radiat

File Edit View Favorites Tools Help

Favorites | Facility Display

Site ID: 9045 - OC1
State Code: 34
County Code: 029

Facility Site Details

Location Address:	Ocean Vocational School Rt 532 08758
City Code:	76820
Address Postal Code:	08758
Local Name:	OC1

Substance Name:	Radiation
Substance Occurrence Code:	1

Sample Date	Sample Time	Raw Result	Uni
2013-02-04	00:00:00-05:00	.0074	mR/
2013-02-04	01:00:00-05:00	.0073	mR/
2013-02-04	02:00:00-05:00	.0071	mR/
2013-02-04	03:00:00-05:00	.007	mR/
2013-02-04	04:00:00-05:00	.007	mR/
2013-02-04	05:00:00-05:00	.007	mR/
2013-02-04	06:00:00-05:00	.007	mR/
2013-02-04	07:00:00-05:00	.007	mR/
2013-02-04	08:00:00-05:00	.007	mR/
2013-02-04	09:00:00-05:00	.007	mR/
2013-02-04	10:00:00-05:00	.007	mR/
2013-02-04	11:00:00-05:00	.007	mR/
2013-02-04	12:00:00-05:00	.0071	mR/
2013-02-04	13:00:00-05:00	.007	mR/

Done

AQDERawData_RadiationSubmission_08e6a67f-c993-456f-b834-16ffb0473cff[1].csv - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Paste | Clipboard | Font | Alignment | Number | Conditional Formatting | Format as Table | Cell Styles | Styles | Insert | Delete | Format | Cells | Sort & Filter | Find & Select | Editing

A1 | State Code

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	State Cod	County Cc	Facility Sit	Location A	City Code	Postal Coc	Local Nam	Latitude	Longitude	Substance	Substance	Sample Cc	Sample Cc	Measure \	Measure \	Data
2	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	01:00:00-0	0.0068	mR/hr	V
3	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	02:00:00-0	0.0068	mR/hr	V
4	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	03:00:00-0	0.0069	mR/hr	V
5	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	04:00:00-0	0.0069	mR/hr	V
6	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	05:00:00-0	0.0069	mR/hr	V
7	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	06:00:00-0	0.0069	mR/hr	V
8	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	07:00:00-0	0.0069	mR/hr	V
9	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	08:00:00-0	0.0069	mR/hr	V
10	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	09:00:00-0	0.007	mR/hr	V
11	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	10:00:00-0	0.0069	mR/hr	V
12	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	11:00:00-0	0.007	mR/hr	V
13	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	12:00:00-0	0.0069	mR/hr	V
14	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	13:00:00-0	0.0069	mR/hr	V
15	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	14:00:00-0	0.007	mR/hr	V
16	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	15:00:00-0	0.0069	mR/hr	V
17	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	16:00:00-0	0.007	mR/hr	V
18	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	17:00:00-0	0.0069	mR/hr	V
19	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	18:00:00-0	0.0069	mR/hr	V
20	34	29	9045	Ocean Voc	76820	8758	OC1	39.79648	-74.2452	Radiation	1	4/8/2013	19:00:00-0	0.0069	mR/hr	V

AQDERawData_RadiationSubmission

Ready 100%

EN BROWSER – MAP ANALYSIS

ENBrowser - www.enbrowser.net

the exchange network browser

Home | Data Discovery | Transactions | Data Analysis | Dataflow Admin.

Welcome, mike.matsko@dep.state.nj.us (Production)

Analysis By Map | Analysis By Chart | Local Data Management | Logout | about

Data Search Panel

Facility Search

Data Flow: AMBIENT_RADIATI

Transaction: 1982

Facility Name:

Site Type:

Search

Monitoring Location Search

Sample/Result Search

Environmental Incident Search

Response Resource Search

Show Unparsed Transaction Records

Layer Visibility Control

- Facility Layer
- Monitor Location Layer
- Sample Layer
- Environmental Incident Layer
- Response Resource Layer

Road | Aerial

Philadelphia, Norristown, Abington, Bensalem, Levittown, Chesterfield, Manasquan, Point Pleasant, Silverton, Toms River, Barnegat Beach, Staffordville, North Beach Haven, Atlantic City, Absecon, Mays Landing, Egg Harbor City, Hammonton, Waterford Works, Vineland, Millville, Bridgeton, Newport, Ocean City, Belleplain State, Estell Manor, Glassboro, Woodstown, Pennsville, Swedesboro, Wilmington, Newark, Elkton, Middletown, Smyma, Massey, Rising Sun, Oxford, New Garden, Talleyville, Chester, Woodbury, Lindenwold, Tabernacle, Audubon, Marlton, Springfield, Marlboro, Coatesville, West Chester, Lionville, Berwyn, Cheltenham, Willingboro, Fort Dix, Fort Dix Military Reservation, Lumberton, Country Lake Estates, Marple, Havertown, Salisbury Heights, Van Sciver Lake, Park, Chesapeake and Delaware Canal, Elk River, Sassafras River, Great Bay

25 Miles

© 2010 NAVTEQ © 2013 Microsoft Corporation

Map Location	Transaction ID	FacilitySiteIdentifier	Geographiclocation ID	Dataflow	FacilitySiteName	FacilitySiteType	FederalFacili
16	1982	34|033|9036	34|033|9036	AMBIENT_RADIATION	AI5		
17	1982	34|033|9038	34|033|9038	AMBIENT_RADIATION	AI7		
N/A	1982	34|033|9039	34|033|9039	AMBIENT_RADIATION	AI8		
18	1982	34|033|9041	34|033|9041	AMBIENT_RADIATION	AI10		

1 2 3 4 5

Facility

3.1.4728 (12/11/2012 1:46:40 PM EST) (mike.matsko@dep.state.nj.us)

EN BROWSER – CHART ANALYSIS

ENBrowser - www.enbrowser.net

the exchange network browser

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Analysis By Map | Analysis By Chart | Local Data Management | Logout • about

Data Search Panel

Time Series (Pollutants over Time)

Sample Media:

Facility: OC14

Monitoring Loc.:

Characteristics:

Ambient Radiation

Sample Start Date <M/d/yyyy>

End Date <M/d/yyyy>

Generate Chart

Column Chart (Average pollutant values for multiple monitoring locations)

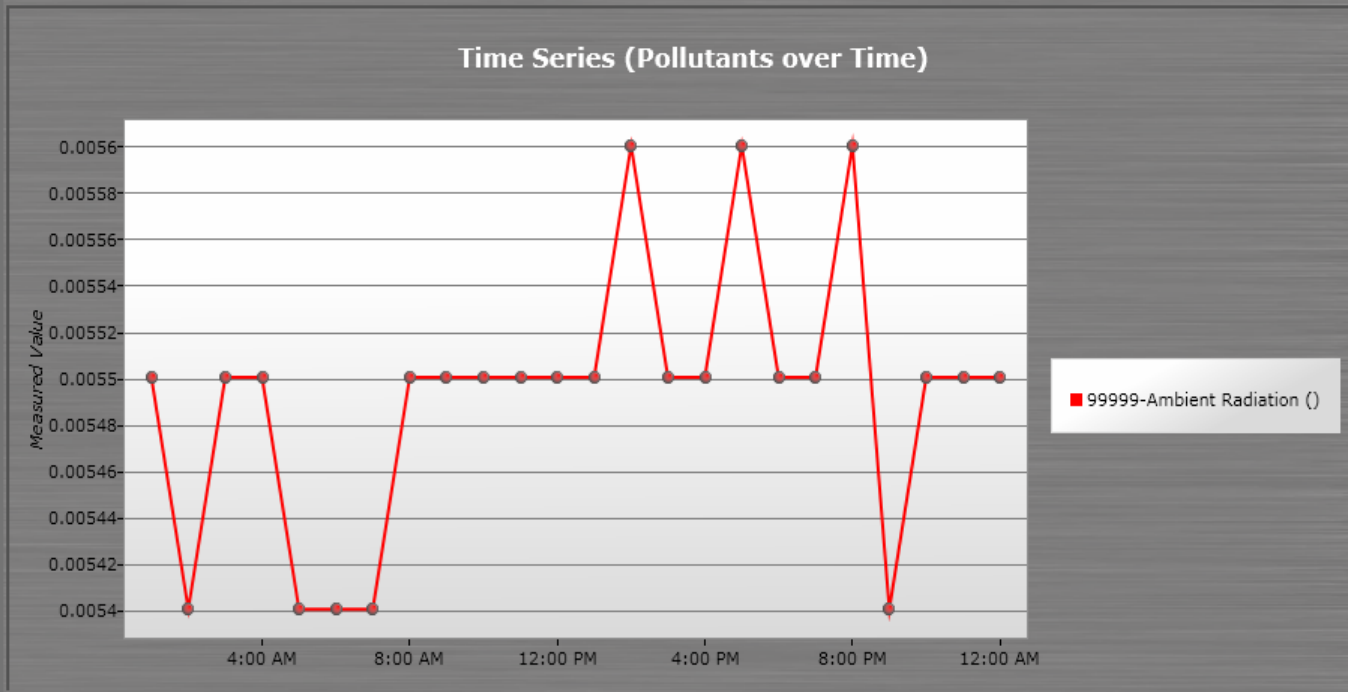
Bivariate Scatter Plot (Two pollutant results on same dates)

Show Unparsed Transaction Records

Chart Control

Hide Legend

Chart Display: Line



SampleID	MonitoringLocationName	SubstanceIdentifier	SubstanceName	Result	Unit	MeasuredDate
34|029|9058|2013-04-08|00:00:00-05:00	OC14	99999	Ambient Radiation	0.0055		4/8/2013 1:00:00 AM
34|029|9058|2013-04-08|01:00:00-05:00	OC14	99999	Ambient Radiation	0.0054		4/8/2013 2:00:00 AM
34|029|9058|2013-04-08|02:00:00-05:00	OC14	99999	Ambient Radiation	0.0055		4/8/2013 3:00:00 AM
34|029|9058|2013-04-08|03:00:00-05:00	OC14	99999	Ambient Radiation	0.0055		4/8/2013 4:00:00 AM

1 2 3 4 5

3.1.4728 (12/11/2012 1:46:40 PM EST) (mike.matsko@dep.state.nj.us)

NJ ONESTOP – LPS / PARTNERS

NJ ONESTOP – LPS / PARTNERS

Michael Matsko | Log Out

NEW JERSEY ONESTOP

Home | Sharing | CREST

Welcome

Welcome to NJ OneStop

The New Jersey OneStop is a secure and personalized gateway providing simplified, integrated access to people, information, applications, and business processes for those involved in law enforcement, homeland security, emergency preparedness and response.

For more information, please send an email to:OneStopHelp@gw.njsp.org

NJOS Notice

*****Scheduled Maintenance*****

*****Updated*****

Document Sharing through Quickr

Beginning: Monday, 11 February 2013 at 8:00 am (ET)
Ending: TBD
Impact: Document Sharing through Quickr will be unavailable during the maintenance window.
Purpose: The Document Sharing tools will be offline while we perform important system and security upgrades.

Thank you in advance for your cooperation and understanding during this scheduled maintenance. If you have any questions, please contact us.

****

HURRICANE SANDY RECOVERY EFFORT

The New Jersey Office of Emergency Management is using the ETeam located at the URL:

http://eteamdirect.n-c4.net/newjerseysp

The "ETeam Direct" link is being used to manage incidents and events around Hurricane Sandy. Counties and agencies that are accessing

NJOS Applications

NJ OneStop Map Viewer

NJOS Tools

- Secure Messaging
- Web Conferencing
- Change Password

NJ OneStop Info

- About NJ OneStop
- System Requirements
- What's New?

NJ ONESTOP – DATA ANALYSIS

Michael Matsko Log Out

NEW JERSEY ONESTOP

Home | Sharing | CREST

CREST History - AI

NJDEP Radiation Monitoring - Artificial Island

View the latest readings, along with Sectors and ERPAs on the NJ OneStop Map Viewer. See the Help for instructions on how to drill down, turn layers on and off, and other map tool functionality.

NJOS Map Viewer

Refresh | Hourly Average for AI | Rows: 20

Monitor: -Choose Monitor-

Filter by Date: From 2013-04-08 11:27 To 2013-04-09 11:27

Filter Now | Reset

	LEVEL	MONITOR	READING	NJOS_TIMESTAMP
		AI01	.0067 mR/hr	04/08/2013 12:01:28
		AI02	.0070 mR/hr	04/08/2013 12:01:28
		AI10	.0055 mR/hr	04/08/2013 12:01:28
		AI01	.0067 mR/hr	04/08/2013 13:01:27
		AI02	.0069 mR/hr	04/08/2013 13:01:27
		AI10	.0055 mR/hr	04/08/2013 13:01:27
		AI01	.0067 mR/hr	04/08/2013 14:01:34
		AI02	.0069 mR/hr	04/08/2013 14:01:34
		AI09	.0074 mR/hr	04/08/2013 14:01:34

CREST History - OC

NJDEP Radiation Monitoring - Oyster Creek

View the latest readings, along with Sectors and ERPAs on the NJ OneStop Map Viewer. See the Help for instructions on how to drill down, turn layers on and off, and other map tool functionality.

NJOS Map Viewer

Refresh | Hourly Average for OC | Rows: 20

Monitor: -Choose Monitor-

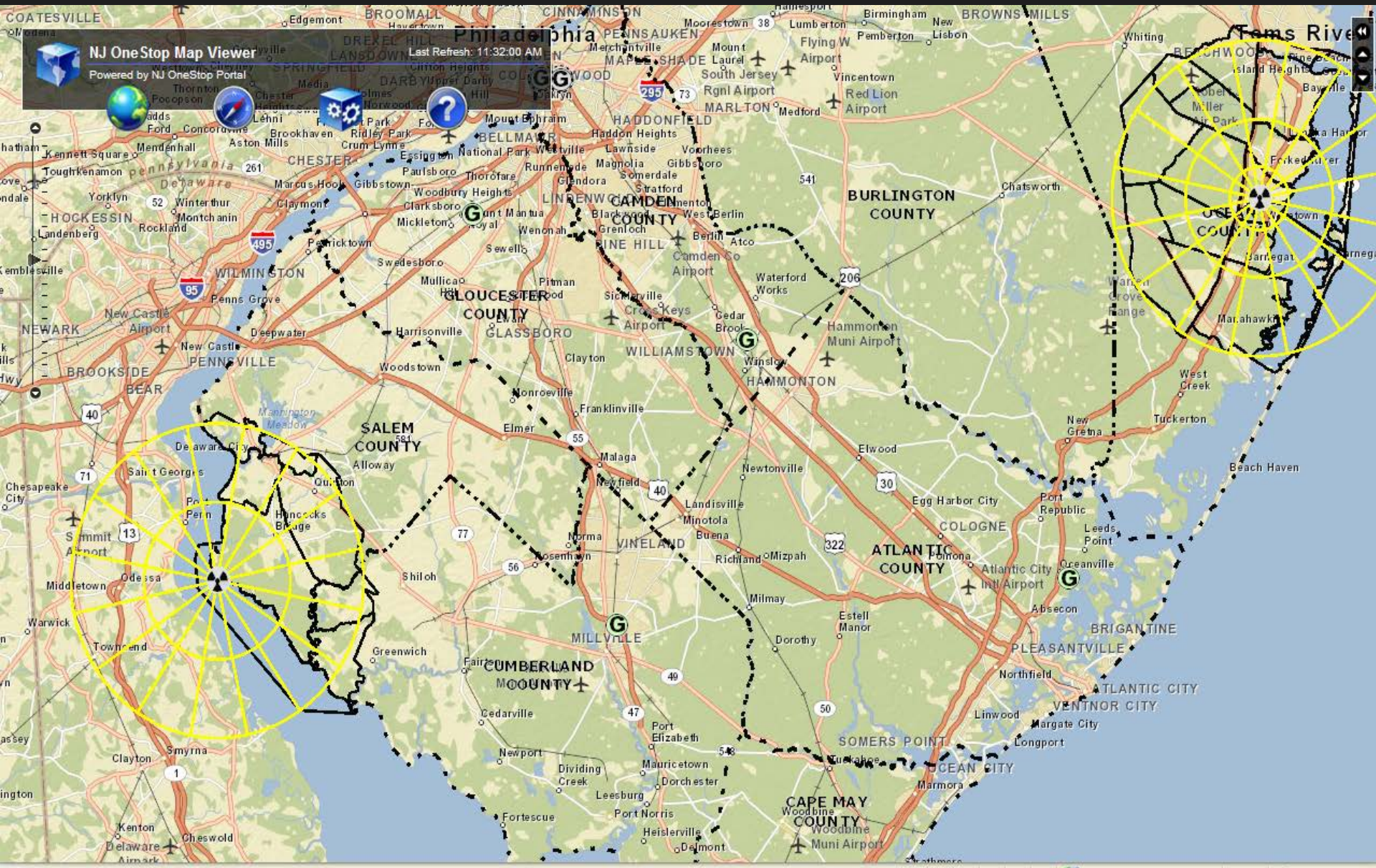
Filter by Date: From 2013-04-08 11:27 To 2013-04-09 11:27

Filter Now | Reset

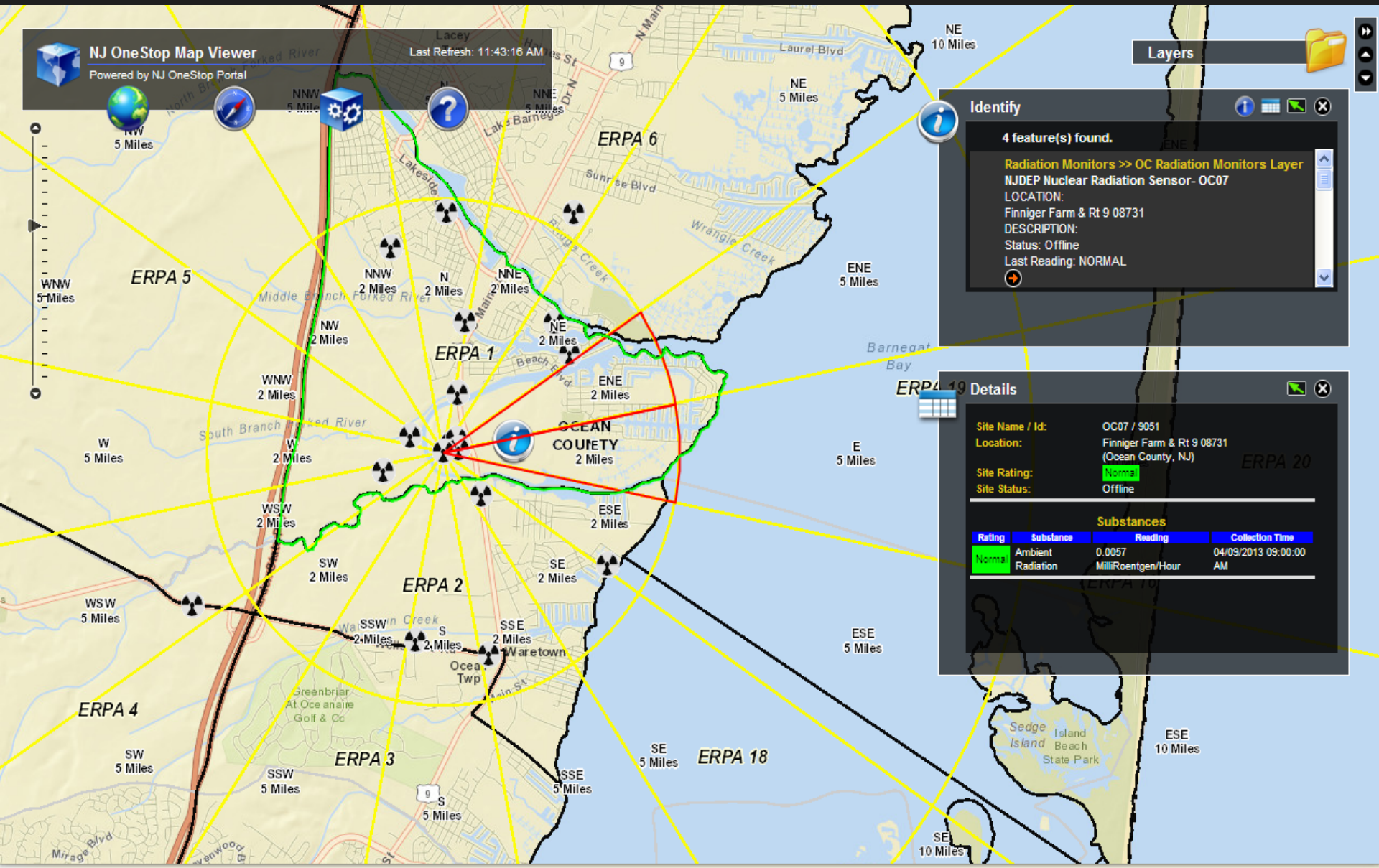
	LEVEL	MONITOR	READING	NJOS_TIMESTAMP
		OC01	.0069 mR/hr	04/08/2013 12:01:28
		OC04	.0054 mR/hr	04/08/2013 12:01:28
		OC05	.0058 mR/hr	04/08/2013 12:01:28
		OC06	.0059 mR/hr	04/08/2013 12:01:28
		OC07	.0057 mR/hr	04/08/2013 12:01:28
		OC12	.0057 mR/hr	04/08/2013 12:01:28
		OC13	.0054 mR/hr	04/08/2013 12:01:28
		OC14	.0055 mR/hr	04/08/2013 12:01:28
		OC15	.0078 mR/hr	04/08/2013 12:01:28

Done | Local intranet | 100%

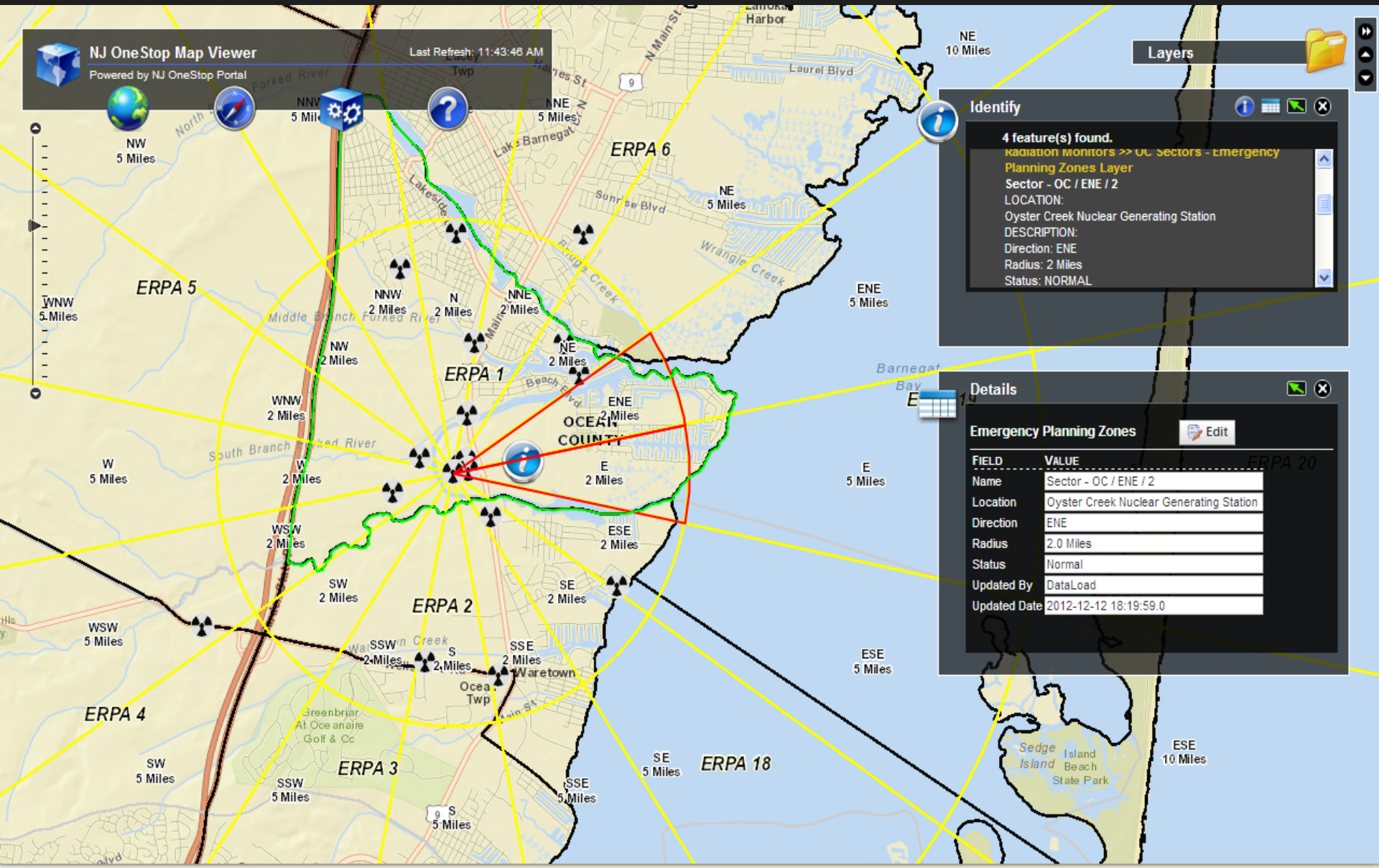
NJ ONESTOP – GIS ANALYSIS



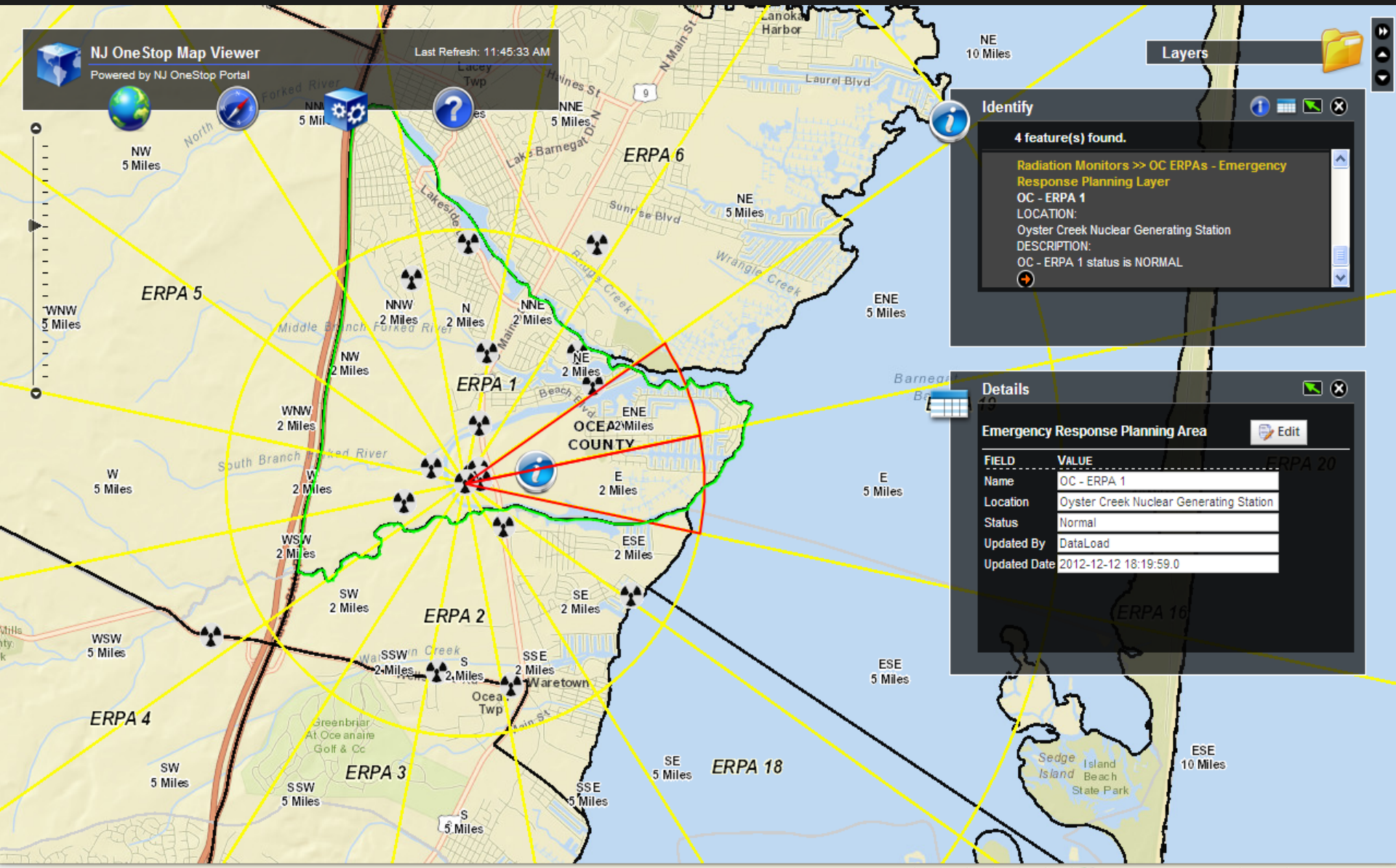
NJ ONESTOP – MONITOR DATA



NJ ONESTOP – SECTOR DATA

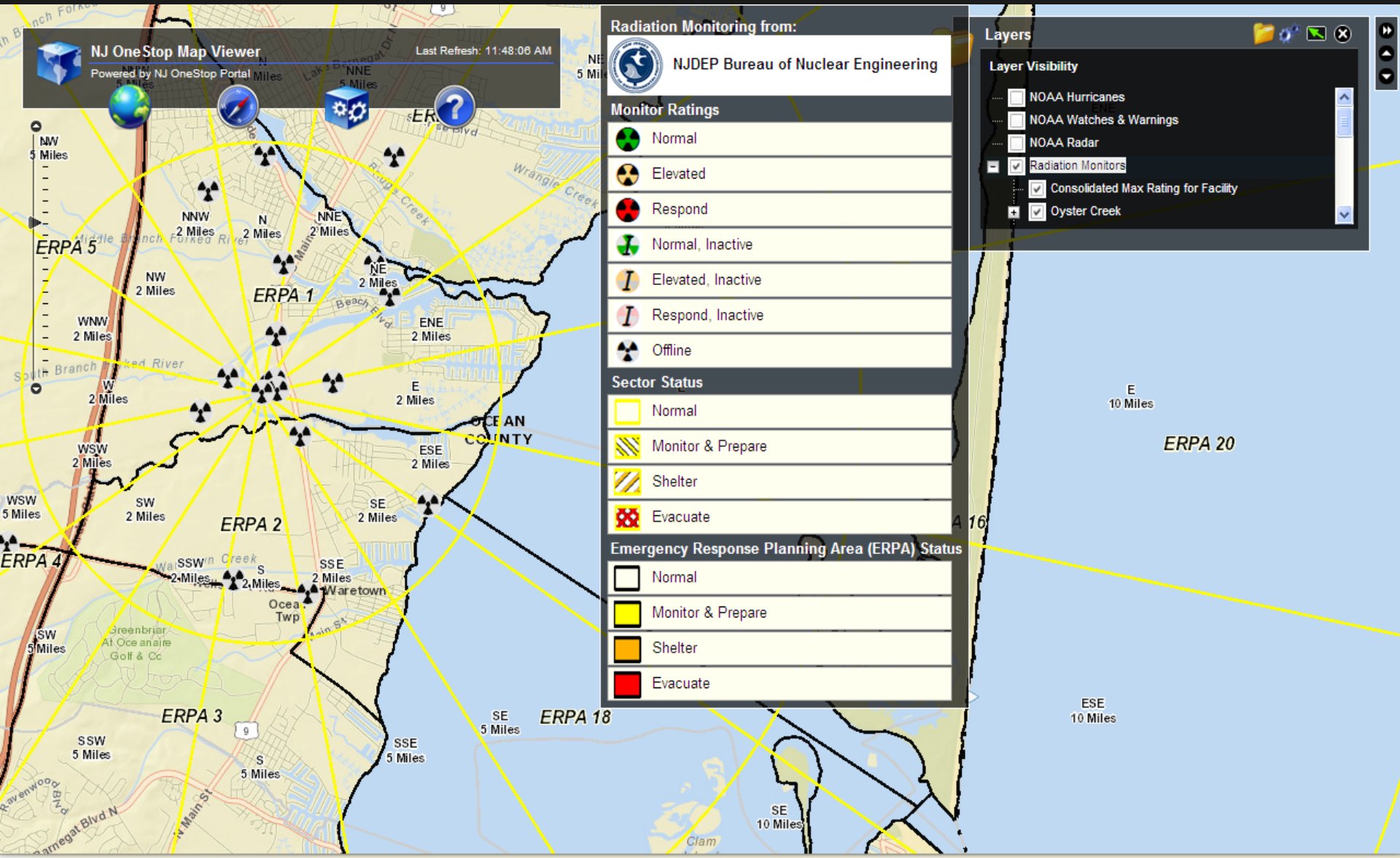


NJ ONESTOP – ERPA DATA



Done | Local intranet | 100%

NJ ONESTOP – SYMBOLOGY



RAD RESPONDER – USDOE / FEMA / PARTNERS

RadResponder - *Unlicensed* - Windows Internet Explorer

https://www.radresponder.net/

File Edit View Favorites Tools Help

Favorites | RadResponder - *Unlicensed*

RadResponder Network

The successful response to a radiation incident requires a coordinated effort across all levels of government. A crucial component of this response is the rapid collection and organization of the data that is needed to characterize the incident and support lifesaving decisions. FEMA's RadResponder tool will provide access to the needed resources for State, local, tribal, and territorial responders to further support this crucial component of the response to a large scale radiation incident.

SIGN UP

Click on the button below to request a free account. Your request will be processed within one business day.

Request an Account

SIGN IN

Username

Password

LogOn

Forgot Password?

Done | Internet | 100%

RAD RESPONDER – USDOE / FEMA / PARTNERS

RadResponder - Windows Internet Explorer

https://www.radresponder.net/Application/Desktop.aspx

File Edit View Favorites Tools Help

Favorites RadResponder

RadResponder Network

mike.matsko@dep.state.nj.us

New Jersey DEP

No Event Selected

Event Summary

Measurements

Event Map

SkyDrive
Click here to access documents

Document Library

Calendar

165 Organizations
473 Responders

Network Map

RadResponder Team
support@radresponder.net

Internet 100%

RAD RESPONDER – SELECT EVENT

RadResponder - Windows Internet Explorer

https://www.radresponder.net/Application/Desktop.aspx

File Edit View Favorites Tools Help

Favorites RadResponder

Select an Event

All data in RadResponder is associated to an Event.
Please select from the list of events below. Click the "?" icon at the bottom of the screen to request access to additional events.

ORGANIZATION *New Jersey DEP[6]

ACTIVE? ☑

Next

	NAME	TYPE	LOCATION	START	END	MEASUREMENTS	SAMPLES
Select	Emergency Response	Unspecified	Emergency Response	12/01/2012	Ongoing	0	0
Select	NJ Hourly Averages	Routine Monitoring	NJ Hourly Averages	12/31/2012	02/14/2013	0	0
Select	NJ Minute Data	Routine Monitoring	NJ Minute Data	01/01/2013	03/26/2013	0	0
Select	Routine Monitoring	Unspecified	Routine Monitoring	12/01/2012	Ongoing	0	0
Select	Testing/Training	Exercise/Training	Testing/Training	12/01/2012	02/07/2013	0	0

Done Internet 100%

RAD RESPONDER – NJ MINUTE DATA

RadResponder - Windows Internet Explorer

https://www.radresponder.net/Application/Desktop.aspx

File Edit View Favorites Tools Help

Favorites RadResponder

RadResponder Network

mike.matsko@dep.state.nj.us

New Jersey DEP

NJ Minute Data

NJ Minute Data
New Jersey DEP
1/1/2013 - 3/26/2013
Measurements: 0
Samples: 0
Event Summary

Alphas: 0
Betas: 0
Gammas: 0
Total: 0
Fixed Sensor: 32770
Measurements

40.2179, -74.7594
View Plotted Data
Event Map

SkyDrive
Click here to access documents
Document Library

Calendar

165 Organizations
473 Responders
Network Map

RadResponder Team
support@radresponder.net

Done Internet 100%

RAD RESPONDER – DATA DOWNLOADS

RadResponder - Windows Internet Explorer

https://www.radresponder.net/Application/Desktop.aspx

File Edit View Favorites Tools Help

Favorites RadResponder

Alpha	0	0	0	0
Beta	0	0	0	0
Gamma	0	0	0	0
All	0	0	0	0

Measurement Set Downloads

File Format: *All

Download (1) Clear Selection

1

NJ Minute Data-Fixed Point-Past 7 Days - Excel

04/02/2013 - 04/09/2013

Published Date: 04-09-2013 - **Type:** Excel
α/β/γ field surveys- 610 - **Document Size:** 0.111 MB

NJ Minute Data-Fixed Point-Past 7 Days - KML

04/02/2013 - 04/09/2013

Published Date: 04-09-2013 - **Type:** KML
α/β/γ field surveys- 610 - **Document Size:** 0.13 MB

RadResponder Team
support@radresponder.net

Internet 100%

RAD RESPONDER – EXCEL DOWNLOAD

NJ_Minute_Data-Fixed_Point-Past_7_Days.xlsx - Microsoft Excel

RadResponder Network Fixed Data Point Export

Organization: New Jersey DEP
Event: NJ Minute Data
Latitude: 40.217869
Longitude: -74.759399
POC: Pat Mulligan (patrick.mulligan@dep.state.nj.us)
Time Zone: Eastern Standard Time
Start Date (local): 12/31/2012 7:00:00 PM
End Date (local): 3/25/2013 8:00:00 PM
Start Date (UDT): 1/1/2013 12:00:00 AM
End Date (UDT): 3/26/2013 12:00:00 AM
Minimum Polling Period:
Alert Level:
Data Compression Method:
Report Generation Date: 4/9/2013 4:46:26 AM

Fixed Point Measurements

ID		When				Where				What			How			
RR#	GUID	Start (local)	End (local)	Start (UDT)	End (UDT)	Station Name/ID	Station Address	Latitude	Longitude	Type	Value	Unit	Source	Source Id	Method	Equipme
93154	56e623b0-	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Alloway Creek Neck Road 08	39.4608	-75.518917	Gamma	0.007	mR/hr	NJDEP Min Data			
93155	2aed1a7b-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Alloway Creek Neck Road 08	39.4608	-75.518917	Gamma	0.007	mR/hr	NJDEP Min Data			
93156	290c6b0c-	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Poplar Street 08038	39.5017	-75.482267	Gamma	0.007	mR/hr	NJDEP Min Data			
93157	b00e39fa-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Poplar Street 08038	39.5017	-75.482267	Gamma	0.008	mR/hr	NJDEP Min Data			
93158	87cf1dd1-8	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Abbott Farm Road 08079	39.5165	-75.4797	Gamma	0.006	mR/hr	NJDEP Min Data			
93159	e63f6d38-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Abbott Farm Road 08079	39.5165	-75.4797	Gamma	0.006	mR/hr	NJDEP Min Data			
93160	a3b9467d-	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Fort Elfsborg-Hancock Bridge	39.5457	-75.51845	Gamma	0.007	mR/hr	NJDEP Min Data			
93161	d7c33bba-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Fort Elfsborg-Hancock Bridge	39.5457	-75.51845	Gamma	0.007	mR/hr	NJDEP Min Data			
93162	820709b4-	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Waretown Recreation Cente	39.7924	-74.20955	Gamma	0.008	mR/hr	NJDEP Min Data			
93163	198ca4af-8	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Waretown Recreation Cente	39.7924	-74.20955	Gamma	0.008	mR/hr	NJDEP Min Data			
93164	af15c118-5	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Ocean Vocational School Rt 9	39.7965	-74.245217	Gamma	0.007	mR/hr	NJDEP Min Data			
93165	3b795867-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Ocean Vocational School Rt 9	39.7965	-74.245217	Gamma	0.007	mR/hr	NJDEP Min Data			
93166	5f47981b-7	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		Dock Ave Park & Marina 087	39.8011	-74.179117	Gamma	0.005	mR/hr	NJDEP Min Data			
93167	d6de80dc-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		Dock Ave Park & Marina 087	39.8011	-74.179117	Gamma	0.005	mR/hr	NJDEP Min Data			
93168	31f93369-4	4/6/2013 6:5	4/6/2013 7:0	4/6/2013 10:	4/6/2013 11		BS-4 Pump Station Bay Pkwy	39.8091	-74.1992	Gamma	0.006	mR/hr	NJDEP Min Data			
93169	5f242590-	4/6/2013 7:2	4/6/2013 7:3	4/6/2013 11:	4/6/2013 11		BS-4 Pump Station Bay Pkwy	39.8091	-74.1992	Gamma	0.005	mR/hr	NJDEP Min Data			

Fixed Point | Fixed Point DD

RAD RESPONDER – KML DOWNLOAD

C:\Documents and Settings\mmatsko2\Local Settings\Temp\wzdc4a\NJ_Minute_Data-Fixed_Point-Past_7 - Windows Internet Explorer

C:\Documents and Settings\mmatsko2\Local Settings\Temp\wzdc4a\NJ_Minute_Data-Fixed_Point-Past_7_Days.kml

File Edit View Favorites Tools Help

Favorites C:\Documents and Settings\mmatsko2\Local Settings\...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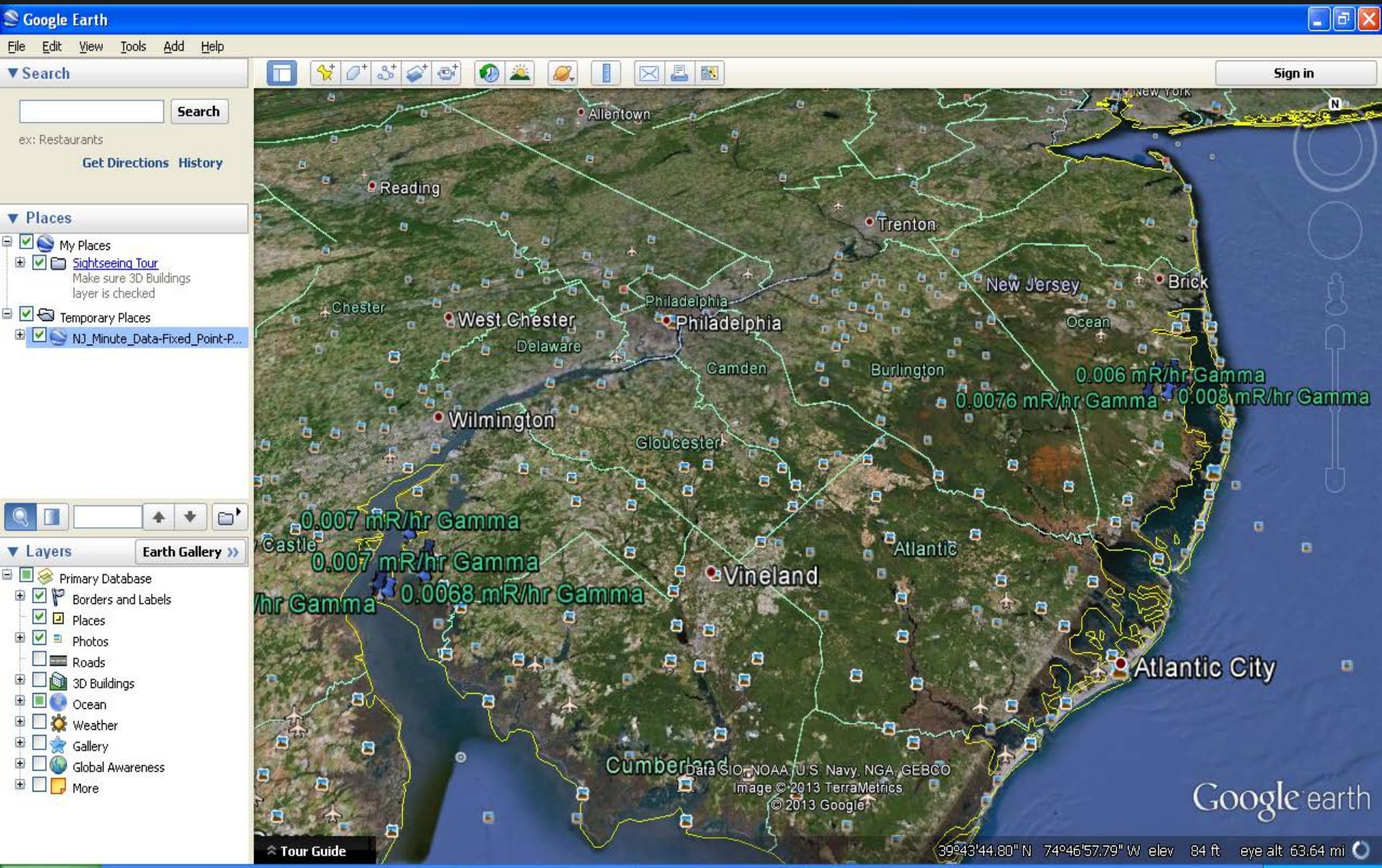
Internet 100%

KML DATA ANALYSIS – GOOGLE EARTH



QUESTIONS?