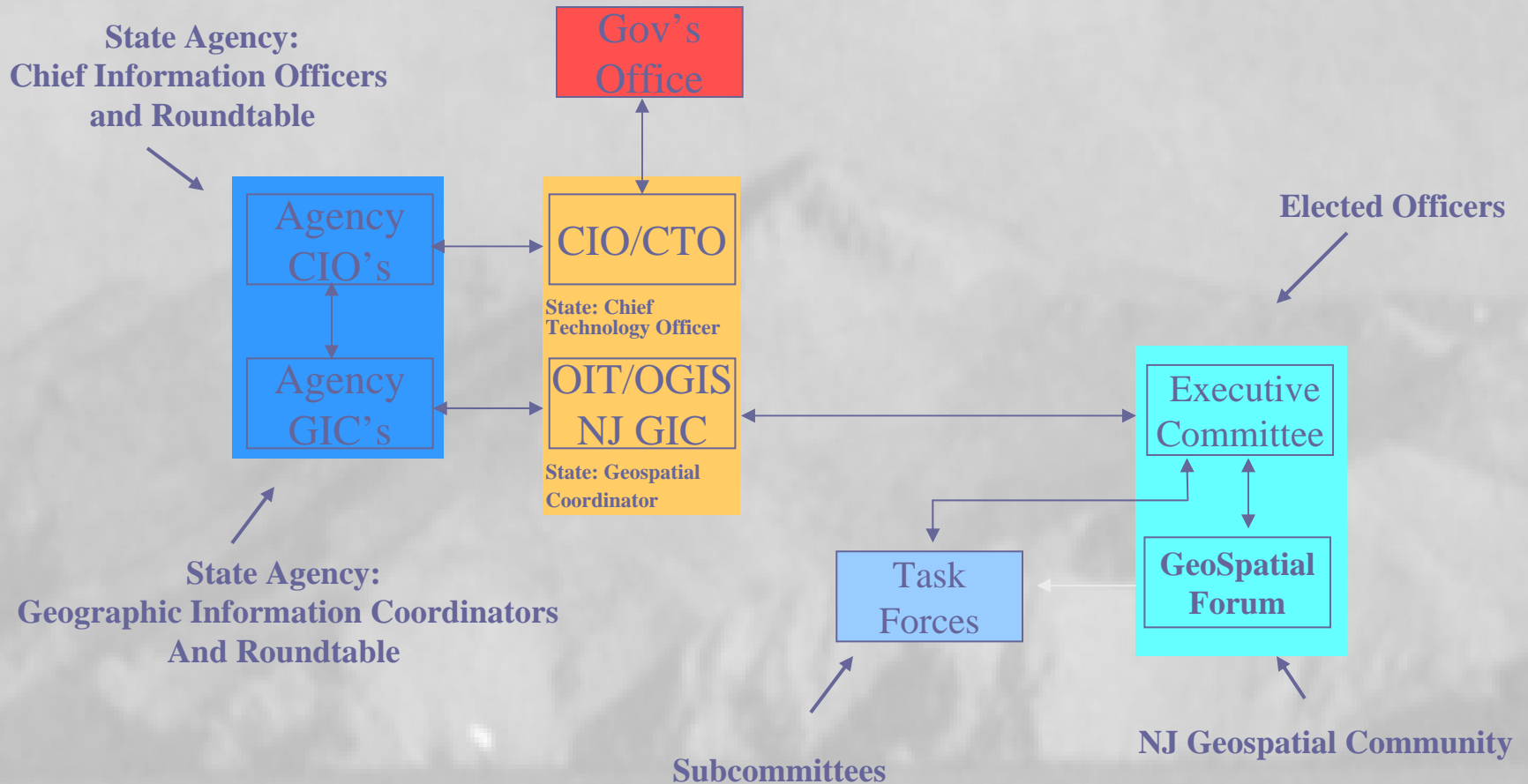


Geospatial Information Technology Governance Model



*“Seeking Spatial Intelligence
with NJ-GeoWeb”*

**Geographic Information Technology by the New Jersey
Department of Environmental Protection**

GIS bureau of geographic information systems

"Mapping the Present to Protect New Jersey's Future"

Interactive Mapping

[i-MapNJ ArcIntelligence](#)

[i-MapNJ Child Care Centers](#)

Downloads

[i-MapNJ DEP](#)

Standards

[i-MapNJ Geology](#)

GPS

[i-MapNJ NJEMS](#)

Resources

[i-Map Delaware River Basin](#)

Training

FAQs

Annual NJDEP Mapping Contest

Wednesday, April 25, 2007
at the Trenton War Memorial



[And the winners are ...](#)

[Send Us Your Feedback](#)

Monday, June 11, 2007

June 2007

Sun	Mon	Tue	Wed	Thu
3	4	5	6	7
10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

[meetings](#)

[articles](#)

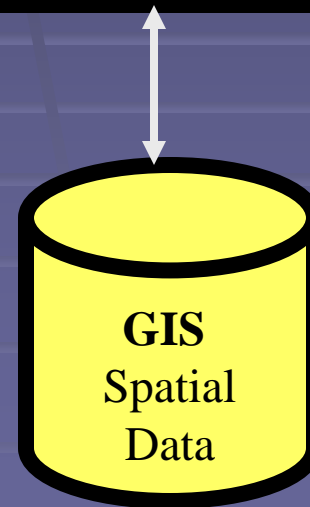
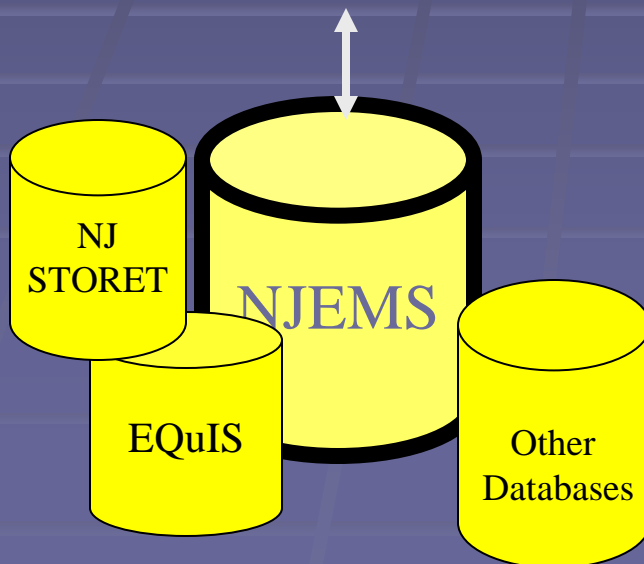
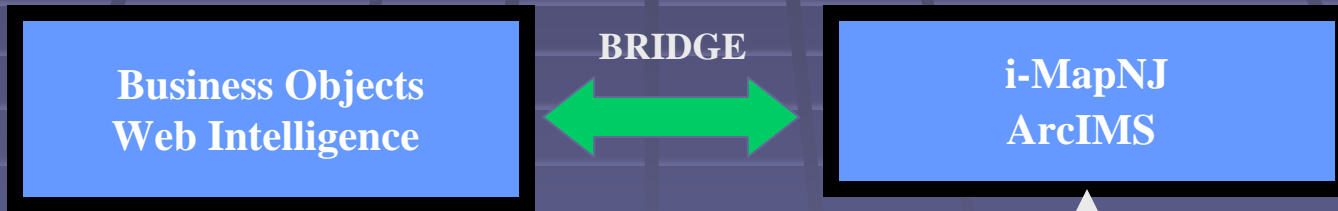
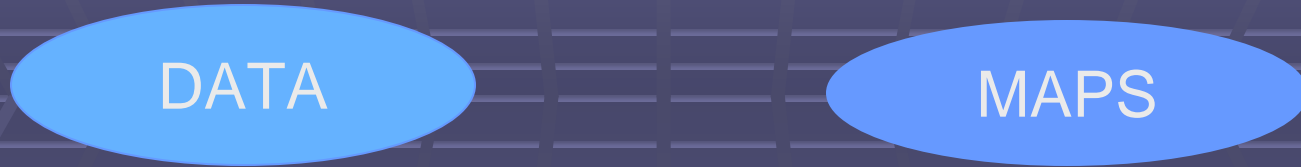
[View Events Calendar](#)

The data server for DEPView has changed. tcshared.

DEPView Users:

(Internet Explorer 6.x or higher strongly recommended).

i-MAPNJ ArcIntelligence

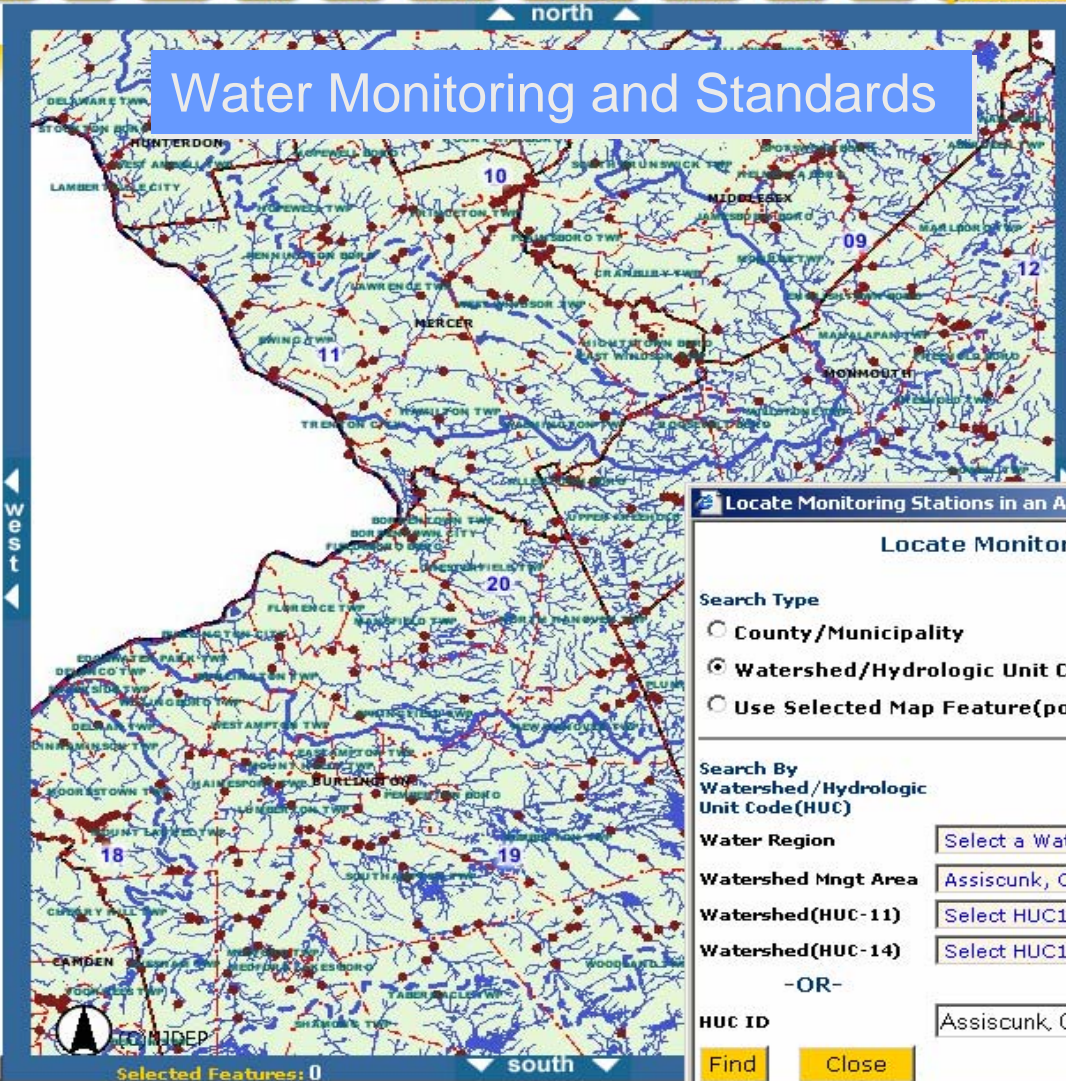


Data Layers Legend

refresh map

Visible Active

- Water Bodies**
- Watershed Management Areas**
- Watersheds by Name (HUC11)**
- Sub-Watersheds (HUC14)**
- Streams**
- Counties**
- Municipalities**
- Storet**
- NJPDES Discharge Points-Surface Water**



West



Selected Features: 0

Queries Reports

User: ljacoby
Group: Water Monitoring and Standards (WMS)

- [Find Location of interest](#)
- [Locate Monitoring Stations in an Area](#)**
- [Locate Discharge sites in an Area](#)



Locate Monitoring Stations in an Area - Microsoft Internet E...

Locate Monitoring Stations

Search Type

- County/Municipality
- Watershed/Hydrologic Unit Code(HUC)
- Use Selected Map Feature(polygons only)

Search By
Watershed/Hydrologic Unit Code(HUC)

Water Region:

Watershed Mngt Area:

Watershed(HUC-11):

Watershed(HUC-14):

-OR-

HUC ID:

NOTE: Availability of data layers is affected by zooming in/out.

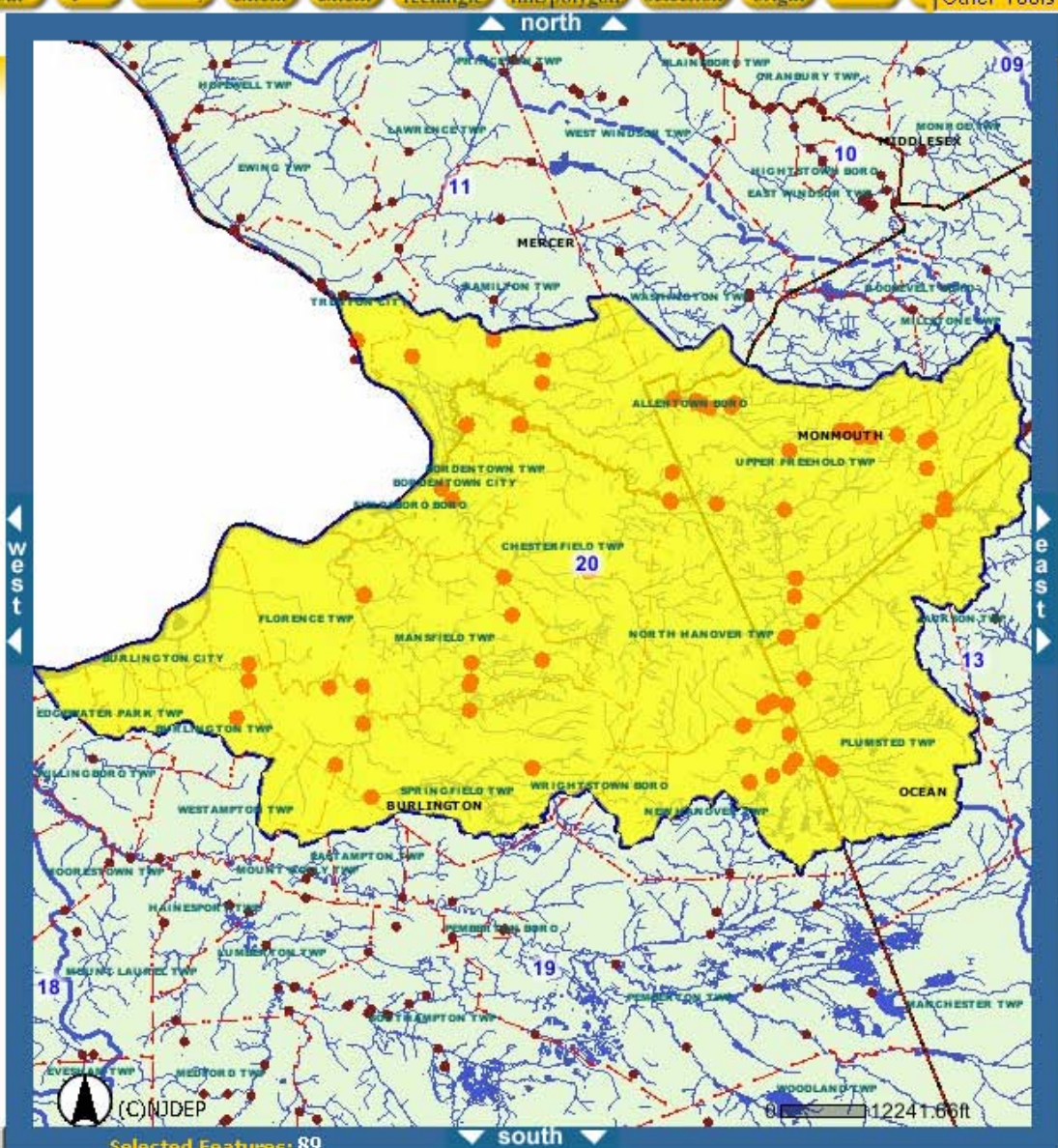
Results of the Query – Next Run Webi Report

Data Layers Legend

refresh map

- Visible Active
- Water Bodies
 - Watershed Management Areas
 - Watersheds by Name (HUC11)
 - Sub-Watersheds (HUC14)
 - Streams
 - Counties
 - Municipalities
 - Storet
 - NJPDES Discharge Points-Surface Water

NOTE: Availability of data layers is affected by zooming in/out.



Queries Reports

User: ljacoby
Group: Water Monitoring and Standards (WMS)

- STORET Monitoring Data
- STORET Monitoring Data Summary
- STORET Stations
- Link To Business Objects

Water Monitoring and Standards: Webi Report

STORET Monitoring Data

Station	Date	Time	Depth	Characteristic	Fraction	Medium	Statistic	Result Value Type	Analysis Procedure Source	Analysis Procedure	Result Value Text	BRDGSTORETH
01463920	10/16/02	09:45		Flow		Water		Actual	21NJDEP1	FLOW	12.1	320:
01463920	10/16/02	09:45		Phosphorus as P	Dissolved	Water		Actual	USEPA	365.4	0.36	320:
01463920	10/16/02	09:45		Phosphorus, orthophosphate as P	Dissolved	Water		Actual	USEPA	365.1	0.159	320:
01463920	10/16/02	09:45		Stream stage		Water		Actual			9.88	320:
01463920	10/16/02	09:59		Chloride	Total	Water		Actual	APHA	4500-CL-(B)	6.2	320:
01463920	10/16/02	09:59		Dissolved oxygen (DO)		Water		Actual	21NJDEP1	DO	7.72	320:
01463920	10/16/02	09:59		Dissolved Solids	Total	Water		Actual	APHA	2540-C	71	320:
01463920	10/16/02	09:59		Nitrogen, ammonia as N	Total	Water		Actual	USEPA	350.1	0.285	320:
01463920	10/16/02	09:59		Nitrogen, Kjeldahl	Total	Water		Actual	USEPA	351.1	1.17	320:
01463920	10/16/02	09:59		Nitrogen, Nitrite (NO ₂) + Nitrate	Total	Water		Actual	21NJDEP1	353.2	0.372	320:

- Corporate Documents
- Personal Documents
- Inbox Documents
- Create Documents
- Search
- Options
- Logout
- Help

Setting Filters On WEBI Report To Find Samples Over Standard

File Edit View Favorites Tools Help

Address <http://dep-bodev/wiaspm/newDocFrameTop.asp?univ=&entry=r14> Go Links >>

STORET i-MapNJ

Welcome

Corporate Documents

Personal Documents

Inbox Documents

Create Documents

Search

Options

Logout

Help

All Objects

- Stations
- Monitoring Results
- i-MapNJ Parameters

Query Conditions

- Characteristic equal to 'Total Suspended Solids (TSS)'
- and
- Fraction equal to 'Total'
- and
- Result Value greater than '25'

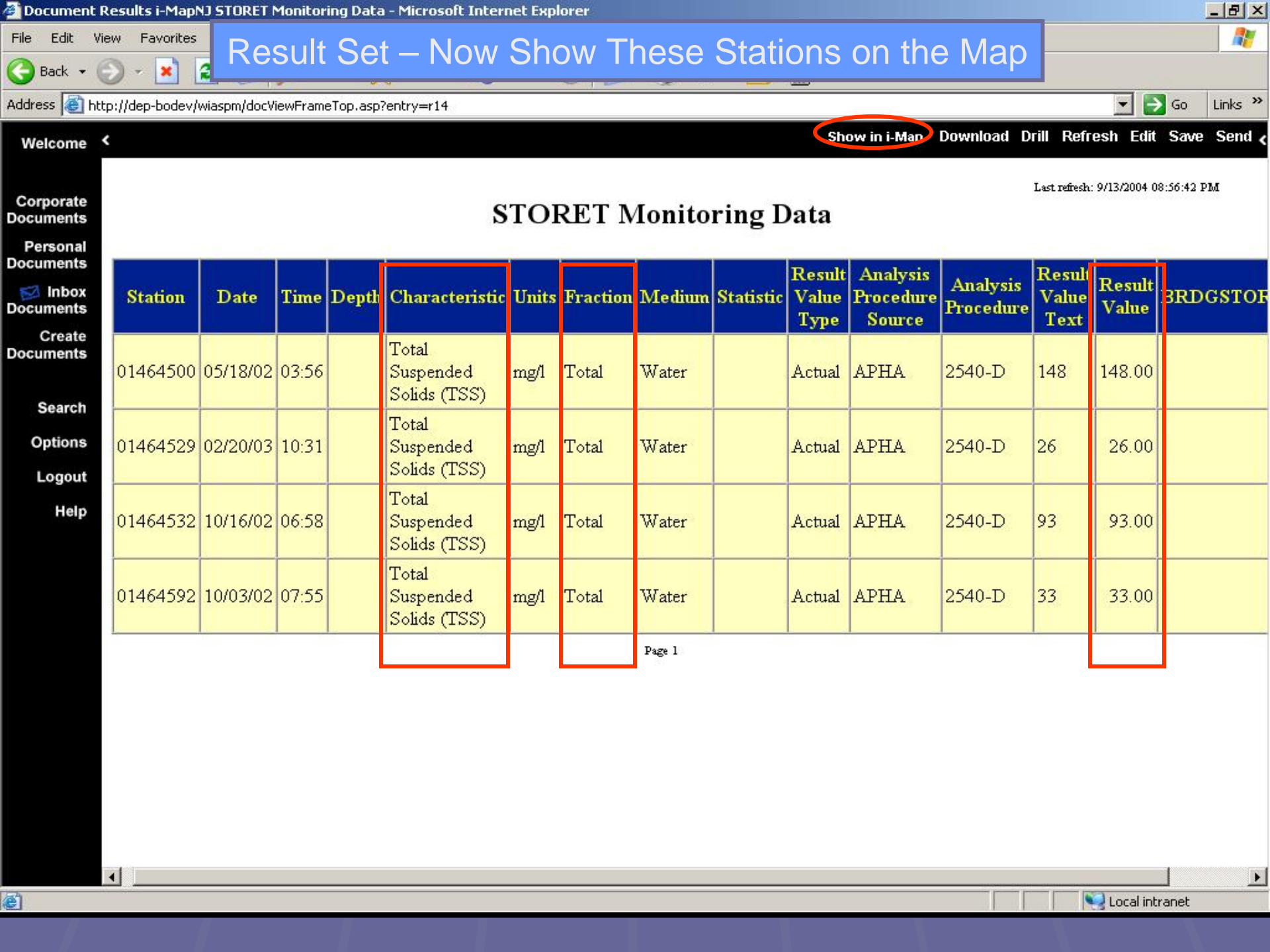
Document Filters

Drag objects from the list and drop them here.

Results Conditions Settings

Save and Close Apply Format Run Query

Done Local intranet



Result Set – Now Show These Stations on the Map

Show in i-Map

Download Drill Refresh Edit Save Send

Last refresh: 9/13/2004 08:56:42 PM

STORET Monitoring Data

Station	Date	Time	Depth	Characteristic	Units	Fraction	Medium	Statistic	Result Value Type	Analysis Procedure Source	Analysis Procedure	Result Value Text	Result Value	BRDGSTOR
01464500	05/18/02	03:56		Total Suspended Solids (TSS)	mg/l	Total	Water		Actual	APHA	2540-D	148	148.00	
01464529	02/20/03	10:31		Total Suspended Solids (TSS)	mg/l	Total	Water		Actual	APHA	2540-D	26	26.00	
01464532	10/16/02	06:58		Total Suspended Solids (TSS)	mg/l	Total	Water		Actual	APHA	2540-D	93	93.00	
01464592	10/03/02	07:55		Total Suspended Solids (TSS)	mg/l	Total	Water		Actual	APHA	2540-D	33	33.00	

Page 1

Data Layers | Legend

refresh map

- Visible Active
- Water Bodies**
 - Watershed Management Areas**
 - Watersheds by Name (HUC11)**
 - Sub-Watersheds (HUC14)**
 - Streams**
 - Counties**
 - Municipalities**
 - Storet**
 - NJPDES Discharge Points-Surface Water**

NOTE: Availability of data layers is affected by zooming in/out.



Selected Features: 4

Queries | Reports

- User: ljacoby
 Group: Water Monitoring and Standards (WMS)
- ? [Find Location of interest](#)
 - ? [Locate Monitoring Stations in an Area](#)
 - ? [Locate Discharge sites in an Area](#)

NJ-GeoWeb

A New Vision for Seeking Spatial Intelligence

Integrating customized GIS and analysis tools
with enterprise databases for
improved decision-making
on the Internet

What is: NJ-GeoWeb

- DEP's next generation i-MapNJ on the Internet. Replaces ArcIntelligence on the intranet.
- Uses profiles (roles) that access default data layers and reports (ie. Child Care, What's in My Neighborhood, Smart Growth, Business Viewer...)
- Allows Internet users to view, interact with, analyze and submit points, lines and polygons
- Links to departmental databases (DataMiner, eNJEMS, etc).
- Uses "enterprise" data from all Agencies (and serves from the Web)
- Links to external services on the web.
- Working with OIT make NJ-GeoWeb a state agency resource.

“NJ-GeoWeb”

Permitting Compliance Enforcement

Surveillance
Inspections
ePermits



Clean & Plentiful Water

Water/Sewer Infrastructure
Water Allocation
Storm Water Runoff
Monitoring



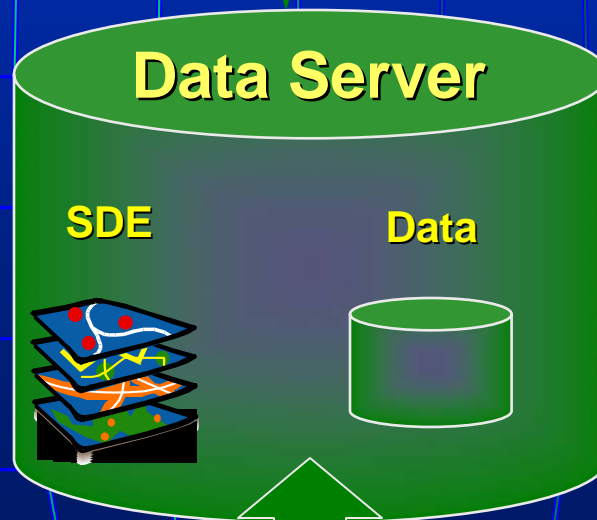
What's in My Backyard

Regulated Sites
Incident Mgmt
Flood Mapping
Endangered Species



Sustainable Growth

Align Economic and Env. Goals
Env. Sensitive Areas
Green Technologies



Taking care of Business

Economic Incentives
Employment Info
Revitalize and Redevelop

Live Feeds from State Government



NJ-GeoWeb..... a vanilla prototype

The screenshot displays the NJ-GeoWeb interface, a web-based geographic information system. The main map shows the state of New Jersey with its county boundaries highlighted in yellow. The counties labeled are: SUSSEX, PASSAIC, WARREN, MORRIS, BERGEN, ESSEX, HUDSON, SOMERSET, JUNIOR, HUNTERDON, MIDDLESEX, MERCER, MONMOUTH, BURLINGTON, OCEAN, CAMDEN, GLOUCESTER, SALEM, ATLANTIC, CUMBERLAND, and CAPE MAY. Surrounding states are labeled: Pennsylvania to the west, Delaware to the south, Virginia to the southwest, New York to the north, and Connecticut to the northeast. The interface includes a top navigation bar with the NJ-GeoWeb logo and the text "new jersey department of environmental protection". Below this are tabs for "Map", "Search", "Advanced Tools", and "Layer Manager". A "Theme" dropdown menu is set to "NJDEP". A secondary navigation bar contains tabs for "Sustainable Growth", "My Neighborhood", "NJEMS", "Water Monitoring", and "NJGeology". On the left side of the map, there is a "Map Tools" panel with icons for zooming, panning, and other map functions, and a "Navigator" panel with directional arrows. At the bottom left, a scale bar is set to "Scale 1: 3000000". On the right side, a "Layer Manager" panel is open, showing a list of layers under the heading "NJDEP Smart Growth". The layers are: Watershed Management Area, Watersheds (HUC11), Sub-watersheds (HUC14), State Planning Areas, State Plan Centers, Water Bodies, Streams, Category One Waters, Roads (Tele Atlas), Pinelands Management Area, Pinelands Boundary, Highlands, CAFRA Boundary, Counties (checked), Municipalities, Zip Codes, Place Names, NJEMS Sites, and Mid-Atlantic States (checked). An "Apply" button is located at the bottom of the Layer Manager panel. At the bottom of the page, the following text is displayed: "Copyright © State of New Jersey, 2007", "Department of Environmental Protection", "P. O. Box 402", "Trenton, NJ 08625-0402".

NJ-GeoWeb new jersey department of environmental protection

Welcome Guest | [Login](#) | Theme: NJDEP

Map Search Advanced Tools Layer Manager

Sustainable Growth My Neighborhood NJEMS Water Monitoring NJGeology

Map Tools

Navigator

Scale 1: 3000000

Layer Manager

- ✓ NJDEP Smart Growth
 - Watershed Management Area
 - Watersheds (HUC11)
 - Sub-watersheds (HUC14)
 - State Planning Areas
 - State Plan Centers
 - Water Bodies
 - Streams
 - Category One Waters
 - Roads (Tele Atlas)
 - Pinelands Management Area
 - Pinelands Boundary
 - Highlands
 - CAFRA Boundary
 - ✓ Counties
 - Municipalities
 - Zip Codes
 - Place Names
 - NJEMS Sites
 - ✓ Mid-Atlantic States

Apply

Copyright © State of New Jersey, 2007
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Search Wizard Functionality to Get User to Location or Area of Interest

The screenshot shows the NJ-GeoWeb search wizard interface. At the top, the logo for NJ-GeoWeb is displayed, along with the text "new jersey nidep department of environmental protection". Below the logo, there are three tabs: "Map", "Search", and "Results", with "Search" being the active tab. Underneath the tabs, there are four search options: "Address Search", "NJEMS Site ID", "NJEMS Preferred ID", and "More", with "NJEMS Site ID" being the selected option. The main content area is titled "NJEMS Site ID" and "Wizard Page 1". It contains a text input field labeled "Site Id" with the value "15826" entered. Below the input field are two buttons: "Search" and "Reset".

NJ-GeoWeb new jersey nidep department of environmental protection

Map Search Results

Address Search NJEMS Site ID NJEMS Preferred ID More

NJEMS Site ID

Wizard Page 1

Site Id

Search Reset


Search Result

NJ-GeoWeb new jersey nidep
department of environmental protection

Welcome Guest | [Login](#) | Theme: **NJDEP**

Map Search Results Advanced Tools Layer Manager

Sustainable Growth Economics/Planning Workforce/Demographic



Map Tools

- Map Tools icons: Home, Zoom In, Zoom Out, Pan, Measure, Draw Polygon, Draw Line, Draw Circle, Print, Refresh

Navigator

Selection List

Njems sites

- Check All
- 1 15826, BRISTOL MYERS SQUIBB CO, RT 206 & PROVINCE LINE RD, LAWRENCEVILLE, MERCER

Layer Manager

- BaseMapLayers
 - Place names
 - Zip codes
 - Municipalities
 - Counties
 - Roads (tele atlas)
 - Aerial photos 2002
 - Mid-atlantic states
 - Transportation
- Environmental Factors
 - Njems sites
 - Chromate sites
 - Public community water supp
 - Known contaminated sites lis
 - Urban enterprise zones
 - Municipalities
 - Counties
 - Cafra boundary
 - Highlands
 - Pinelands boundary

Apply

Map

Search

Results

Advanced

Sustainable Growth

Economics/Planning

Workforce/Demographic



Displays select layer attributes, plus select data from joined tables

More Information

Attribute Details For Njems sites

1 features found. Displaying 1 to 1

Attribute	Value
Site Id	15826
Site Name	BRISTOL MYERS SQUIBB CO
Address Line 1	RT 206 & PROVINCE LINE RD
City	LAWRENCEVILLE
Zip Code	08648
County	MERCER
Municipality	LAWRENCE TWP
X Coord Num	434627
Y Coord Num	542120

Layer attributes

Njems Site Pi Xref

Pi Id	16975
Site Id	15826

Attributes from joined tables

Njems Pi

Active Flag	N
End Date	8/14/2001 12:00:00 AM
Location Desc	
Pi Id	16975
Pi Name	SQUIBB, E.R. & SONS, INC.
Pi Type Code	8
Pref Id Num	60069
Program Code	AQ
Start Date	

Njems Cmtb Program

Pi Id	16975
-------	-------

Selection List



Njems sites

Check All

1 15826, BRISTOL MYERS SQUIBB CO, RT 206 & PROVINCE LINE RD, LAWRENCEVILLE

NJDEP Data Miner Report Program Interests

[njhome](#) | [my new jersey](#) | [people](#) | [business](#) | [government](#) | [departments](#)


 new jersey department of environmental protection
OPRA | New Jersey Open Public Records Act

[opra home](#) | [contact opra](#) | [njdep home](#)

[data errors](#)

[site search](#)

[reports by category](#)

[reports search](#)

[help](#)

PI by site
15826
 (Note: You can bookmark this page)

[15826 Inspections](#)

[15826 Enforcement Actions](#)

[15826 Violations](#)

[1 to 18 of 18]

Program						
Air						
PI ID	NAME	ACTIVE	ADDRESS	TYPE	REPORTS	
61052	E R SQUIBB & SONS LLC	Yes	RT 206 & PROVINCE LINE RD Lawrence Twp NJ 08648	AIR OPERATING PERMITS	[Pending Permits] [Air SI Inventory] [Inspections] [Enforcement Actions] [Violations]	
60069	SQUIBB,E.R. & SONS, INC.	No	RT. 206 & PROVINCE LINE Lawrence Twp NJ .	AIR	[Pending Permits] [Air SI Inventory] [Inspections] [Enforcement Actions] [Violations]	
DPCC						
110700179000	BRISTOL-MYERS SQUIBB - PRINCETON	Yes	ROUTE 206 & PROVINCE LINE ROAD Lawrenceville NJ 085430000	DPCC MAJOR FACILITIES	[Pending Permits] [Inspections] [Enforcement Actions] [Violations]	
Hazardous Waste						
NJD001865534	BRISTOL MYERS SQUIBB	Yes	RT 206 & PROVINCE LINE RD Lawrence Twp NJ 08648	HW GENERATOR AND TSD	[Pending Permits] [Inspections] [Enforcement Actions] [Violations]	
Land Use						
	BRISTOL-MYERS SQIBB					

Mark Ups to ArcMap

- Mark ups can also be imported to ArcMap
- Requires install of Orion Tools toolbar in ArcMap
- Enables connection to OnPoint database, and retrieval of saved mark ups as graphics
- Can be saved in ArcMap to a shapefile

Mark Up Tool Enables Collaboration Between Users

The screenshot displays the NJ-GeoWeb interface, which is part of the New Jersey Department of Environmental Protection (NJDEP). The main map area shows an aerial view of a residential and commercial area with a lake. A red arrow points to a specific location on the map. To the right, the 'Advanced Tools' panel is open, showing the 'Mark Up Map' tool selected. Below it, the 'Map Mark up' panel is also open, showing various drawing tools. A red arrow points to the 'Mark Up Map' tool in the 'Advanced Tools' panel. The 'Layer Manager' panel is also visible, showing various layers such as 'Place names', 'Zip codes', 'Municipalities', 'Counties', 'Roads (tele atlas)', 'Aerial photos 2002', 'Mid-atlantic states', 'Transportation', 'Njems sites', 'Chromate sites', 'Public community water supply', 'Known contaminated sites list', 'Urban enterprise zones', 'Municipalities', 'Counties', 'Cafra boundary', 'Highlands', and 'Pinelands boundary'. The 'Map Mark up' panel contains icons for drawing lines, polygons, text, and other map features. The 'Advanced Tools' panel also includes options for 'Selection', 'Mark Up Map', 'Measure', 'Buffer selections', and 'Search by Co-ordinates'. The 'Map Mark up' panel has an 'Apply' button at the bottom.

NJ-GeoWeb new jersey **njdep** department of environmental protection

Welcome Guest | [Login](#) | Theme: NJDEP

Map Search Results Advanced Tools Layer Manager

Sustainable Growth Economics/Planning Workforce/Demographic

Map Tools

Navigator

Copyright message

Scale 1: 8,500.00

Copyright © State of New Jersey, 2007
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Layer Manager

- BaseMapLayers
 - Place names
 - Zip codes
 - Municipalities
 - Counties
 - Roads (tele atlas)
 - Aerial photos 2002
 - Mid-atlantic states
 - Transportation
- Environmental Factors
 - Njems sites
 - Chromate sites
 - Public community water supply
 - Known contaminated sites list
 - Urban enterprise zones
 - Municipalities
 - Counties
 - Cafra boundary
 - Highlands
 - Pinelands boundary

Advanced Tools

- Selection
- Mark Up Map
- Measure
- Buffer selections
- Search by Co-ordinates

Map Mark up

Apply

User May Mark Up the Map with Points, Lines, Polys, & Labels

The screenshot displays the NJ-GeoWeb interface, which includes a main map area, a top navigation bar, and several floating tool panels. The map shows an aerial view of a residential area with a yellow hatched polygon drawn over a portion of it. The interface is organized as follows:

- Top Bar:** "NJ-GeoWeb" logo, "new jersey department of environmental protection" text, and "Welcome Guest | Login" link.
- Navigation:** "Map", "Search", "Results", "Advanced Tools", and "Layer Manager" buttons. A "Theme: NJDEP" dropdown menu is also present.
- Map Area:** Aerial imagery with a yellow hatched polygon. A "Map Tools" sidebar on the left contains icons for zooming, panning, and other map functions. A "Navigator" panel is also visible.
- Layer Manager Panel:** A list of layers with checkboxes:
 - BaseMapLayers:** Place names, Zip codes, Municipalities, Counties, Roads (tele atlas), Aerial photos 2002, Mid-atlantic states (checked), Transportation (checked).
 - Environmental Factors:** Njems sites (checked), Chromate sites, Public community water supp, Known contaminated sites lis, Urban enterprise zones, Municipalities, Counties, Cafra boundary, Highlands, Pinelands bound.
- Advanced Tools Panel:** Selection, Mark Up Map, Measure, Buffer selections, Search by Co-ordinates.
- Map Mark up Panel:** Contains icons for drawing points, lines, polygons, and other shapes.
- Selection List Panel:** A table showing the selected polygon:

Map Mark up	Check All	Edit Vertex	Edit Symbology
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Copyright © State of New Jersey, 2007
Department of Environmental Protection
P. O. Box 402

User May Save, Retrieve, or Email Mark Ups to Other Users

The screenshot displays the NJ-GeoWeb interface, which is part of the New Jersey Department of Environmental Protection (NJDEP). The main map area shows an aerial view with a yellow polygon highlighting a specific parcel. Several tool windows are open, including:

- Save Selections/Redlining:** A dialog box for saving the selected area. It contains the following fields and options:
 - Selection Name: North corner parcel
 - Description: (empty)
 - Saving Options: Save All, Save Selected
 - Accessibility Options: Private
 - User Id: property_mgr
 - Email To: lou.jacoby@dep.state.nj.us
 - Send credentials with E-mail
 - Save button
- Layer Manager:** A panel showing a list of layers with checkboxes:
 - BaseMapLayers:
 - Place names
 - Zip codes
 - Municipalities
 - Counties
 - Roads (tele atlas)
 - Aerial photos 2002
 - Mid-atlantic states
 - Transportation
 - Environmental Factors:
 - Njems sites
 - Chromate sites
 - Public community water supp
 - Known contaminated sites lis
 - Urban enterprise zones
 - Municipalities
 - Counties
 - CaFra boundary
 - Highlands
 - Pinelands bound
- Advanced Tools:** A panel with icons for Selection, Mark Up Map, Measure, Buffer selections, and Search by Co-ordinates.
- Map Mark up:** A panel with icons for various marking tools.
- Selection List:** A panel showing a list of selected items with checkboxes and icons for editing:
 - Map Mark up
 - Check All
 - Edit Vertex
 - Edit Symbology
 - 1 polygon

Email Received by Other User Provides URL to Mark Up in NJ-GeoWeb

The screenshot shows the Novell GroupWise Mailbox interface. The window title is "Novell GroupWise - Mailbox". The menu bar includes File, Edit, View, Actions, Tools, Window, and Help. The toolbar contains icons for Address Book, New Mail, New Appt, New Task, and other actions. The "Display" dropdown is set to "<Mailbox Custom Settings>". The mailbox view shows a list of folders (Online, Deleted Items) and a list of emails. The selected email is from "<Mail@dep.state.nj.us>" with the subject "Saved List link from OnPoint", received on 4/27/2007 at 10:20 AM. The email body contains the following text:

From: <Mail@dep.state.nj.us> 4/27/2007 10:20 AM
To: <lou.jacoby@dep.state.nj.us>
Subject: Saved List link from OnPoint

OnPoint user has sent you a link to a saved list link - Click on the following link to view list.
http://DEP-GISARCSERV//OnPointWebDev/URLHandler.ashx?CMD=VIEW_SELECTION&saveseid=73131586&MAPTABID=3

The status bar at the bottom right indicates "Selected: 1" and "Total: 360".

The URL Launches NJ-GeoWeb

Zoomed to Saved Mark Up

NJ-GeoWeb new jersey njdep
department of environmental protection

Welcome Guest | [Login](#) | Theme: NJDEP

Map Search Advanced Tools Layer Manager

Sustainable Growth Economics/Planning Workforce/Demographic

Map Tools
+ - Hand Pan Measure Print

Navigator
Home Previous Next

Copyright message
Scale 1: 2,941.74

Layer Manager

- BaseMapLayers
 - Place names
 - Zip codes
 - Municipalities
 - Counties
 - Roads (tele atlas)
 - Aerial photos 2002
 - Mid-atlantic states
 - Transportation
- Environmental Factors
 - Njems sites
 - Chromate sites
 - Public community water supp
 - Known contaminated sites lis
 - Urban enterprise zones
 - Municipalities
 - Counties
 - Cafra boundary
 - Highlands
 - Pinelands boundary

Selection List

North corner parcel

- Check All
- 1 polygon

Copyright © State of New Jersey, 2007
Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

My Neighborhood

Theme: NJDEP

Advanced Tools Layer Manager



Scale 1: 5000

Copyright © NJDEP, State of New Jersey, 2007

Layer Manager

- Environmental Data
 - Environmental Monitoring
 - Planning Areas
 - Landscape/Natural Heritage
 - Sites and Facilities
 - Water

More Information

Attribute Details For

1 features found. Displaying 1 to 1

Attribute	Value
IbI Site	FIBI099
Waterbody	Walkkill River
Location	Rt 94
Mun	HAMBURG BORO
County	SUSSEX
R1yr	2004
R2yr	
Ibiscr1	46
Ibilar1	Excellent

Print

Documents

Fish IBI

[ibi2004acrobat7.pdf](#)

<p>FBI035- @ Walkill River</p> <p>Date Sampled - 8/04/2004</p>	<p>Excellent Good Fair Poor</p>
	<p>Score</p>
# of Fish Species	5
# of Benthic Insectivorous Species (BI)	5
# of Trout and Centrarchid Species (trout, bass, sunfish, crappie)	5
# of Intolerant Species (15)	3
Proportion of Individuals as White Suckers	5
Proportion of Individuals as Generalists (carp, creek chub, banded killifish, goldfish, fathead minnow, green sunfish)	5
Proportion of Individuals as Insectivorous Cyprinids (I and BI)	5
Proportion of Individuals as Trout "whichever gives better score"	
OR	
Proportion of Individuals as Piscivores (Excluding American Eel)*	3
Number of Individuals in Sample	5
Proportion of Individuals w/disease/anomalies (excluding blackspot)	5
Total	46
<p>Stream Rating</p> <p>45-50 Excellent</p> <p>37-44 Good</p> <p>29-36 Fair</p> <p>10-28 Poor</p>	

FIBI099 08-04-2004

Walkkill River

LISTED IN ORDER OF ABUNDANCE FOUND

COMMON NAME	SCIENTIFIC NAME	# FOUND	SIZE RANGE (INCHES)
Longnose Dace	<i>Rhinichthys cataractae</i>	262	
Cutlips Minnow	<i>Exoglossum maxillingua</i>	43	
Redbreast Sunfish	<i>Lepomis auritus</i>	32	3.5 - 6.3
White Sucker	<i>Catostomus commersoni</i>	31	
Blacknose Dace	<i>Rhinichthys atratulus</i>	25	
Common Shiner	<i>Notropis cornutus</i>	21	
Tessellated Darter	<i>Etheostoma olmstedi</i>	18	
Spottail Shiner	<i>Notropis hudsonius</i>	14	
Creek Chub	<i>Semotilus atromaculatus</i>	11	
Margined Madtom	<i>Noturus insignis</i>	6	
Pumpkinseed	<i>Lepomis gibbosus</i>	6	3.9 - 4.3
Redfin Pickerel	<i>Esox americanus americanus</i>	4	5.1 - 7.9
Yellow Bullhead	<i>Ameiurus natalis</i>	3	1.2 - 8.3

Species Identified at Walkill River (FIBI099) (Not to Scale)



John Scarola

Longnose Dace



Jenkins, Burkhead

Cutlips Minnow



John Scarola

Redbreast Sunfish



John Scarola

White Sucker



John Scarola



John Scarola

NJ-GeoWeb: Advantages

- Deployed on Intra and Internet
- Integrated Cross Media/Program Data by Department or state government (federal??)
- Customized Views as a Enterprise Function
- GIS Analysis Power (Buffer, Search, Delineate, etc)
- Direct Connect to NJEMS
- Security Tools
- *Integrates with the State's IT Enterprise as a Best Practice*
- *What's Next: Migrate to ArcServer; build more profiles (roles)*

- lawrence.thornton@dep.state.nj.us

- www.nj.gov/dep/gis

NJ-GeoWeb Profiles

- NJ-GeoWeb will consist of profiles (themes) each focusing on a DEP program or department-wide theme.
- NJ-GeoWeb will enables rapid development and deployment of profiles.
- Profiles include default spatial data to data from NJEMS, COMPASS, Air/Radiation, etc...), custom searches, and linked reports (Data Miner).
- Security allows access to be limited (ie. Water infrastructure)

Leveraging External Web Pages and Other Documents Providing More Information

The screenshot displays the NJ-GeoWeb application interface. At the top, the logo for NJ-GeoWeb is shown, along with the text "new jersey nidep department of environmental protection". The interface includes a navigation bar with tabs for "Map", "Search", and "Results", and buttons for "Advanced Tools" and "Layer Manager". A "Theme" dropdown menu is set to "NJDEP". Below the navigation bar, there are tabs for "Sustainable Growth", "Economics/Planning", and "Workforce/Demographic".

The main map area shows an aerial view of a residential or commercial development with a large pond. A white box with the number "1" is overlaid on a specific site. To the left of the map is a "Map Tools" panel with various icons for zooming and navigation. Below the map is a "Navigator" panel with directional arrows.

On the right side, there is a "Layer Manager" panel with a tree view under "BaseMapLayers" containing "Place names", "Zip codes", "Municipalities", and "Counties". Below the map is a "Selection List" panel with a "Check All" button and a list of selected items: "15826, BRISTOL MYERS SQUIBB CO, RT 206 & PROVINCE LINE RD, LAWRENCEVI".

The "More Information" popup window is open, displaying "Attribute Details For Njems sites". It shows "1 features found. Displaying 1 to 1". The details are as follows:

Attribute	Value
Site Id	15826
Site Name	BRISTOL MYERS SQUIBB CO
Address Line 1	RT 206 & PROVINCE LINE RD
City	LAWRENCEVILLE
Zip Code	08648
County	MERCER
Municipality	LAWRENCE TWP
X Coord Num	434627
Y Coord Num	542120

Below the table, there is a link for "Njems Site PI Xref" and a "Documents" section. The "Documents" section lists "DataMiner-PI by Site ID" with a URL: http://datamine.state.nj.us/DEP_OPRA/OpriMain/pi_main?mode=pi_by_site&Select=+a+Site:=15826. This URL is highlighted with a red box.

My Neighborhood



Scale 1: 8000

Copyright © NJDEP, State of New Jersey, 2007

More Information

Attribute Details For NJEMS Sites

1 features found. Displaying 1 to 1

Attribute	Value
Site ID	50686
Site Name	FRANKLIN TRANSMISSION & TIRE CO
Address Line 1	403 RT 23
Address Line 2	
City	FRANKLIN
Zip Code	07416
County	SUSSEX
Municipality	FRANKLIN BORO
X Coord Num	470119
Y Coord Num	833701
Coord Sys	NJ STATE PLANE (NAD83) - USFEET
Coord Type	GPS
Coord Origin	DEP-GIS
Mun	FRANKLIN BORO
Objectid	26309

Njems Site Pi Xref

Print

Documents

Data Miner - PI by Site ID

http://datamine2.state.nj.us/DEP_OPRA/OpraMain/?mode=pi_by_site&Select+a+Site:=50686

Selection List



NJEMS Sites

Check All

1 50686, FRANKLIN TRANSMISSION & TIRE CO, 403 RT 23, FRANKLIN, SUSSEX