

# **NJ-GeoWeb: NJDEP's Latest Internet Interactive Mapping Application**

***EPA OEI 2010 Environmental Information Symposium***

***"Enabling Environmental Protection Through Transparency and Open Government"***

**Philadelphia Marriott Downtown Hotel**

**Philadelphia, PA**

**May 10-14, 2010**

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**New Jersey Department of Environmental Protection**

# What is NJ-GeoWeb?

- NJDEP's latest generation web-based environmental interactive mapping application.
- Profiles
  - GeoWeb
  - Volunteer Water Monitoring
  - Well Driller
  - more on the way in next release...
- Searches get users to an area of interest or display unique features from a GIS layer.

# NJ-GeoWeb Launch Page

NJDEP - NJ GeoWeb - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.nj.gov/dep/gis/geoweb splash.htm> Go

[njhome](#) | [citizen](#) | [business](#) | [government](#) | [services A to Z](#) | [departments](#)

new jersey **nidep**  
department of environmental protection

## NJ-GeoWeb

new jersey **nidep**  
department of environmental protection

**NJ-GeoWeb Home**

**LAUNCH NJ-GeoWeb**

**View the TUTORIALS**

**Read the DISCLAIMER**

**CONTACT US**

**TRAINING**

### Welcome to NJ-GeoWeb


NJDEP's "next generation" environmental mapping tool


**GeoWeb Profile** query the best of the em (GIS) data. NJ-DEP **Data Miner** to data related to selected features appearing on the map.

There are **profiles** for **Well Drillers**, **Volunteer Water Monitoring** contributors, and a one size fits all profile called **GeoWeb**. The GeoWeb profile was developed to allow users to explore a location or area of interest and view and query a great number of mapped environmental layers. It has NJDEP's greatest hits that are currently included in i-MapNJ DEP.

**NJ-GeoWeb** will make the **i-MapNJ** series obsolete in the future. More profiles and map layers will be added to NJ-GeoWeb and existing tools will be enhanced. We aim to make the user's experience a positive one as we follow up with new releases.

**We would very much like to hear from you with any comments you may have.**






NJDEP wins award for NJ-GeoWeb:  
**1st Place Web-Based Application at the 2009 ESRI International User Conference.**  
[View details.](#)

### View the Tutorials

To become familiar with the new interface and the powerful new tools it possesses, we recommend that users:

**Watch the NJ-GeoWeb Demo and Review the Tutorials**



To use **NJ-GeoWeb**, Select a profile and click the **Launch** button.

GeoWeb

### Sign up for NJ-GeoWeb Training

Visit our [training page](#) to sign up for NJ-GeoWeb training.

<http://www.nj.gov/dep/gis/geoweb launch.htm> Internet

# NJ-GeoWeb Interface

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

[video](#) [reports](#) [help](#) [data descriptions](#)

Welcome vwm | [Logout](#)

**Map** Search

GeoWeb Volunteer\_Water\_Monitoring

**Map Tools**

- 
- 
- 
- 
- 
- 
- 
- 

**Layer Manager**

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

- Environmental Data
  - Environmental Monitoring
  - Sites and Facilities
  - Planning Areas
  - Landscape/Natural Heritage
  - Historic Areas
  - Water
  - Land
  - Base Layers
  - Aerial Photos 2002

**Advanced Tools**

- Selection
- Measure
- Buffer Selections
- Locate Point Using NJ State Plane Coordinate

Scale 1: 2331000

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# Profile for Volunteer Water Monitoring

The screenshot displays the NJ-GeoWeb interface. At the top, the header includes the NJ-GeoWeb logo, the New Jersey Department of Environmental Protection name, and navigation links for video, reports, help, and data descriptions. A user greeting 'Welcome vwm' and a 'Logout' link are visible on the right. The main map area shows New Jersey counties with labels: SUSSEX, PASSAIC, WARREN, MORRIS, BERGEN, ESSEX, HUDSON, UNION, SOMERSET, UNTERDON, BURLINGTON, OCEAN, CAMDEN, GLOUCESTER, SALEM, ATLANTIC, CUMBERLAND, and CAPEMAY. Neighboring states (Pennsylvania, New York, Connecticut, Delaware, Maryland) and a scale bar (0 to 35 miles) are also shown. A red callout box with the text 'Has unique layer set' points to the 'Volunteer Water Monitoring Stations' layer in the Layer Manager panel. The Layer Manager panel is titled 'Layer Manager' and contains a note: 'Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.' Below the note is an 'Apply' button. The panel lists several layer categories: 'Environmental Data' (with sub-categories 'Environmental Monitoring', 'Sites and Facilities', and 'Water'), and 'Advanced Tools' (with sub-categories 'Selection', 'Measure', 'Buffer Selections', and 'Locate Point Using NJ State Plane Coordinate'). The 'Volunteer Water Monitoring Stations' layer is checked under 'Environmental Monitoring'. The 'Advanced Tools' panel is also visible at the bottom right.

NJ-GeoWeb new jersey department of environmental protection

video reports help data descriptions

Welcome vwm | Logout

Map Search

GeoWeb Volunteer\_Water\_Monitoring

Advanced Tools Layer Manager

Map Tools

Layer Manager

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

Apply

Environmental Data

- Environmental Monitoring
  - Volunteer Water Monitoring Stations
  - Ambient Biomonitoring Network (AMNET)
  - Fish Index Of Biotic Integrity
  - Shellfish Classification
- Sites and Facilities
  - NJEMS Sites
  - Known Contaminated Sites List
  - Groundwater Contamination Areas (CKE)
  - Groundwater Contamination Areas (CEA)
  - Deed Notice Areas
- Water
  - Streams
  - Water Bodies

Advanced Tools

- Selection
- Measure
- Buffer Selections
- Locate Point Using NJ State Plane Coordinate

Scale 1: 2331000

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# Profile for Well Drillers

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

video reports help data descriptions

Welcome welldriller | Logout

Map Search

GeoWeb **Well\_Driller**

Advanced Tools Layer Manager

**Map Tools**

**Layer Manager**

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

Apply

**Environmental Data**

- Potential Groundwater Pollution Concern**
  - Groundwater Contamination Areas (CEA)
  - Groundwater Contamination Areas (CKE)
  - Deed Notice Areas
  - Known Contaminated Sites List
  - NJEMS Sites
- Wells and Well Head Protection Areas**
  - Public Community Water Supply Wells
  - Well Head Protection Areas (Community)
  - Well Head Protection Areas (Non-Community)
- Planning Areas**
  - Highlands
  - Pinelands Boundary

Scale 1: 2331000

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# Executing Searches

The screenshot displays the NJ-GeoWeb interface. At the top left, the logo reads "NJ-GeoWeb" with "new jersey" and "department of environmental protection" below it. To the right of the logo are links for "video", "reports", "help", and "data descriptions". On the far right, it says "Welcome vwm | Logout". Below the header, there are two tabs: "Map" and "Search", with the "Search" tab highlighted by a red circle. Underneath the tabs, there are two buttons: "GeoWeb" and "Volunteer\_Water\_Monitoring". The main map area shows a map of New Jersey with county boundaries and names. The map is surrounded by a compass rose with "NORTH" at the top and "SOUTH" at the bottom, and "WEST" on the left and "EAST" on the right. A scale bar at the bottom left indicates 0 to 35 miles. At the bottom of the map area, there is a "Scale 1: 2331000" input field with a right arrow button and three small square icons. To the right of the map is a "Layer Manager" panel. It has a title bar with "Layer Manager" and window control buttons. Below the title bar is a "Note" and an "Apply" button. The panel contains a list of layers under the heading "Environmental Data":

- Environmental Monitoring
- Sites and Facilities
- Planning Areas
- Landscape/Natural Heritage
- Historic Areas
- Water
- Land
- Base Layers
- Aerial Photos 2002

There is also a "Map Tools" panel on the left side of the Layer Manager with various icons for map navigation and interaction. At the bottom left of the entire interface, it says "Copyright © NJDEP, State of New Jersey, 2009".

# Basic Search Set Available To All Profiles



- Basic search set allows users to locate and select an area of interest.
- Each profile may have additional searches to allow users to locate and select features of interest from mapped layers.

# Regulated Facility Sites Search

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

Map Search

Address Search County Municipality **NJEMS Sites in an Area of Interest** All Searches

**NJEMS Sites in an Area of Interest** [help](#)

**Search for NJEMS Sites Using:**

**County / Municipality:**

County

Municipality

**Or Watershed / Sub-watershed:**

Watershed Management Area

Watershed

Sub-watershed

**Options: by NJDEP Program and Status:**

Program

Active

Y/N (Blank will include both active and inactive interests)

# Search Results

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

video reports help data descriptions

Welcome vwm | Logout

Map Search Results

GeoWeb Volunteer\_Water\_Monitoring

Advanced Tools Layer Manager

**Map Tools**

- +
- +
- +
- +
- +
- +
- +
- +
- +
- +

**Layer Manager**

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

Apply

**Environmental Data**

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

**Selection List**

**NJEMS Sites**

- Check All
- 1 43355 - ALLENTOWN BORO HALL, 8 N MAIN ST, ALLENTOWN, MONMOUTH
- 5 4796 - M&S SERVICE STATION, 148 S MAIN ST, ALLENTOWN, MONMOUTH
- 7 4797 - ALLENTOWN MOBIL SERVICE STATION, N MAIN ST & WALKER ST, ALLENTOWN
- 9 4794 - ALLENTOWN BORO MJA, 100 BREZA RD, ALLENTOWN, MONMOUTH
- 11 37357 - ALLENTOWN BORO WWTP, FOWLERS BRIDGE RD, ALLENTOWN BORO, MONMOUTH
- 13 18736 - UPPER FREEHOLD RGNL BD OF ED ALLENTOWN HIGH & ELEMENTARY SCHOC
- 17 4798 - VERIZON COMMUNICATIONS INC ALLENTOWN CO #53140, 5 WALKER AVE, AL
- 22 193226 - 47 SOUTH MAIN STREET, 47 S MAIN ST, ALLENTOWN BORO, MONMOUTH
- 24 162723 - 69 LAKEVIEW DRIVE, 69 LAKEVIEW DR, ALLENTOWN BORO, MONMOUTH
- 26 231131 - US POSTAL SERVICE, 12 S MAIN ST, ALLENTOWN, MONMOUTH

Scale 1: 15,155.56

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# More Information from Joined Tables

The screenshot displays a GIS application interface with several key components:

- More Information Window:** Contains two tables of site data. The first table lists attributes like NJEMS Site ID (18736) and Site Name (UPPER FREEHOLD RGNL BD OF ED ALLENTOWN HIGH & ELEMENTARY SCHOOL). The second table lists details like Active status (Y), Program Interest ID (20178), and Program (AIR - AIR).
- Layer Manager Window:** Shows a list of layers under 'Environmental Data', including Environmental Monitoring, Sites and Facilities, Planning Areas, Landscape/Natural Heritage, Historic Areas, and Water.
- Selection List Window:** Lists NJEMS Sites with a 'Check All' option and a list of site addresses and IDs, such as '43355 - ALLENTOWN BORO HALL, 8 N MAIN ST, ALLENTOWN, MONMOUTH'.

Two red callout boxes highlight specific data sources:

- From GIS layer:** Points to the 'City' field in the first 'More Information' table, which is 'ALLENTOWN'.
- From Joined Tables:** Points to the 'Program' field in the second 'More Information' table, which is 'AIR - AIR'.

Scale 1: 15,155.56

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# Linking to External Documents

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

video reports help data descriptions

Welcome Guest | [Login](#)

Map Search Results

GeoWeb

Advanced Tools Layer Manager

Map Tools

**More Information**

Program Interest ID	445817
Program Interest Name	THE CHILD DEV CTR AT BRISTOL MYERS SQUIBB
Preferred ID Number	445817
Program	SITE REMEDIATION - CHILD CARE FACILITY
Start Date	8/17/2007 12:00:00 AM

**More Information For This Site**

Active	Y
Location Description	Corner of Province Line Rd.
Program Interest ID	459114
Program Interest Name	BRISTOL MYERS SQUIBB COMPANY CCC
Preferred ID Number	459114
Program	SITE REMEDIATION - CHILD CARE FACILITY
Start Date	1/23/2008 12:00:00 AM

**More Information For This Site**

Active	Y
Location Description	
Program Interest ID	507374
Program Interest Name	BRISTOL MYERS SQUIBB INC
Preferred ID Number	507374
Program	RADIATION - RAD MATERIALS INDUSTRIAL FAC
Start Date	12/1/1997 12:00:00 AM

**Documents**

- Program Interests by Site ID Reports (NJDEP Data Miner)  
[http://Datamine2.state.nj.us/DEP\\_OPRA/OpraMain/pi\\_main?mode=pi\\_by\\_site&Select+a+Site:=15826](http://Datamine2.state.nj.us/DEP_OPRA/OpraMain/pi_main?mode=pi_by_site&Select+a+Site:=15826)

**Selection List**

**NJEMS Sites**

Check All

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

Total: 1 items

Scale 1: 10000

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**Site Remediation**

002864	BRISROL-MYERS SQUIBB	Y	RTE 206 & PROVINCE LINE RD, Lawrenceville, NJ 08540	SRP-PI	Enf. Actions by PI →
027289	BRISTOL MYERS SQUIBB CO	Y	RTE 206 & PROVINCE LINE RD, Lawrenceville, NJ 08543	SRP-PI	Enf. Actions by PI →
013630	SQUIBB CORP	Y	RTE 206 & PROVINCE LINE RD, Lawrenceville, NJ 08540	SRP-PI	Enf. Actions by PI →

**Solid Waste**

205762	BRISTOL MYERS SQUIBB	N	ROUTE 206 & PROVINCE LINE ROAD, Wilbur, NJ 08648	SOLID WASTE TRANSPORTER	Enf. Actions by PI →
205790	BRISTOL MYERS SQUIBB	N	ROUTE 206 & PROVINCE LINE ROAD, Wilbur, NJ 08648	SOLID WASTE TRANSPORTER	Enf. Actions by PI →
132288	BRISTOL-MEYERS SQUIBB	Y	RTE 206 & PROVINCE LINE RD, Lawrenceville, NJ 086480000	SOLID WASTE FACILITY	Enf. Actions by PI →
213559	BRISTOL-MYERS SQUIBB	Y	RT 206&PROVLINE RD, BRISTOL MYERS SQUIBB, Lawrenceville, NJ 08648	SOLID WASTE TRANSPORTER	Enf. Actions by PI →

**Water Quality**

46935	BRISTOL-MYERS SQUIBB CO	Y	RT 206 & PROVINCE LINE RD, Lawrenceville, NJ 08540	NJPDES	Enf. Actions by PI →
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**Water Supply**

1498	BRISTOL MYERS SQUIBB	Y	RT 206 & PROVIDENCE LINE RD, Lawrence Twp, NJ 08648	PHYSICAL CONNECTION	Enf. Actions by PI → Enf. Actions by PI Inspections by PI NJPDES DMR Data by PI Pending Permit Progress Violations by PI
10735W	BRISTOL-MYERS SQUIBB CO	Y	RT 206 & PROVINCE LINE RD, Lawrenceville, NJ 086480000	WATER ALLOCATION	Enf. Actions by PI →

## NJPDES DMR Data by Program Interest

### Central Delaware Tributaries

BRISTOL-MYERS SQUIBB CO

46935

NJPDES Permit Number	Monitored Location	Mon. Period Start Date	Mon. Period End Date	Parameter Number	Parameter Description	Sample Point	Quantity Units	Reported Value Quantity Average	Quantity Average Stat Base	Reported Value Quantity Maximum	Quantity Max Stat Base	Concentration Units	Reported Value Concentration Min	Comments
NJ0027618	001A	03/01/07	03/31/07	00010	Temperature, oC	Effluent Gross Value						DEGREES CENTIGRADE		
NJ0027618	001A	03/01/07	03/31/07	00340	Oxygen Demand, Chem. (High Level) (COD)	Effluent Gross Value						MILLIGRAMS PER LITER		
NJ0027618	001A	03/01/07	03/31/07	00400	pH	Effluent Gross Value						STANDARD UNITS (I.E. PH)	7.68	01F
NJ0027618	001A	03/01/07	03/31/07	00530	Solids, Total Suspended	Effluent Gross Value						MILLIGRAMS PER LITER		
NJ0027618	001A	03/01/07	03/31/07	00551	Petroleum Hydrocarbons	Effluent Gross Value						MILLIGRAMS PER LITER		
NJ0027618	001A	03/01/07	03/31/07	50050	Flow, In Conduit or Thru Treatment Plant	Effluent Gross Value	MILLION GALLONS PER DAY (MASS)	.00864	01MOAV	.00864	01DAMX			
NJ0027618	001A	03/01/07	03/31/07	99999	Lab Certification #	Lab		12028	Lab #		Lab #			Lab

# Tools Enable Collaboration Between Users

The screenshot displays the NJ-GeoWeb interface, which is part of the New Jersey Department of Environmental Protection's system. The main map area shows an aerial view of a residential area with a large open field. The map is oriented with North at the top and includes a scale bar indicating 0.07 miles. The interface includes several key components:

- Header:** "NJ-GeoWeb" logo, "new jersey department of environmental protection", and navigation links for "video", "reports", "help", and "data descriptions". A "Welcome Guest | Login" link is also present.
- Map Area:** A central map window with "Map Tools" (pan, zoom, home, etc.) and a scale of 1:5,079.62.
- Layer Manager:** A panel on the right titled "Layer Manager" with a note: "Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name." It lists several layers, all of which are checked:
  - Environmental Data
    - Environmental Monitoring
    - Sites and Facilities
    - Planning Areas
    - Landscape/Natural Heritage
    - Historic Areas
    - Water
    - Land
    - Base Layers
  - Aerial Photos 2002
- Advanced Tools:** A panel at the bottom right containing tools for "Selection", "Measure", "Buffer Selections", and "Locate Point Using NJ State Plane Coordin".
- Measure Panel:** A floating window titled "Measure" with dropdown menus for "Distance Unit" (set to Feet) and "Area Unit" (set to Acres), and a large empty box for the measurement result.

Two red arrows highlight the "Advanced Tools" and "Layer Manager" panels, indicating their collaborative capabilities. The copyright notice at the bottom left reads "Copyright © NJDEP, State of New Jersey, 2009".

# Measure an Area of Interest – Add to Map

The screenshot displays the NJ-GeoWeb interface. At the top, the logo for NJ-GeoWeb is shown, along with the text "new jersey department of environmental protection". Navigation links for "video", "reports", "help", and "data descriptions" are present. A "Welcome Guest | Login" message is visible in the top right corner.

The main map area shows an aerial photograph of a residential area with a yellow polygon highlighting a specific area of interest. The map includes a scale bar indicating 0.07 miles and a scale of 1:5,079.62. The map is oriented with North at the top.

On the right side, there are two panels:

- Layer Manager:** This panel lists various layers with checkboxes. The "Aerial Photos 2002" layer is checked. Other layers include Environmental Data, Environmental Monitoring, Sites and Facilities, Planning Areas, Landscape/Natural Heritage, Historic Areas, Water, Land, and Base Layers.
- Measure:** This panel displays the results of the measurement. It shows "Distance Unit" set to Feet and "Area Unit" set to Acres. The "Geometry1" section lists "Area 8,832 acr" and "Perimeter 2,875.659 ft".

At the bottom right, there is an "Advanced Tools" panel with icons for Selection, Measure, Buffer Selections, and Locate Point Using NJ State Plane Coordinates. The "Measure" icon is circled in red. Below this panel, there is a toolbar with several icons, and the "Add to map" button is also circled in red.

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# Save Selections Allows Later Retrieval

The screenshot displays the NJ-GeoWeb interface. At the top, the logo for NJ-GeoWeb is shown, along with the text "new jersey department of environmental protection". Navigation links for "video", "reports", "help", and "data descriptions" are present. A user greeting "Welcome Guest | Login" is visible in the top right.

The main map area shows an aerial view of a residential area with a green polygon selection labeled "1". A scale bar indicates a scale of 1:5,079.62, with a 0.07 mi marker.

Overlaid panels include:

- Selection List:** Shows a list with one item: "1" with a checked box. It displays "Perimeter: 2,875.659 ft, Area: 8.832 ac" and "Total: 1 items". A "Check All" checkbox is also present.
- Selection Tools:** A context menu with options: "Toggle Active Selection", "Delete Selected Features", "Hide/Show Label", "Save Selections" (highlighted with a red circle), "Zoom To All Selections", "Zoom To Active Selections", and "Clear Buffer Rings".
- Layer Manager:** Lists various layers under "Environmental Data":
  - Environmental Monitoring
  - Sites and Facilities
  - Planning Areas
  - Landscape/Natural Heritage
  - Historic Areas
  - Water
  - Land
  - Base Layers
  - Aerial Photos 2002
- Measure:** Shows "Distance Unit" set to "Feet" and "Area Unit" set to "Acres". It includes a large empty box for results and an "Add to map" button.

At the bottom left, the copyright notice reads: "Copyright © NJDEP, State of New Jersey, 2009".

# E-mail URL for the Selection

The screenshot displays the NJ-GeoWeb interface. At the top left, the logo reads "NJ-GeoWeb" with "new jersey department of environmental protection" below it. On the top right, there are buttons for "video", "reports", "help", and "data descriptions", along with the text "Welcome Guest | [Login](#)".

The main map area shows an aerial view with a green polygon selection labeled "1". A "Selection List" dialog is open over the map, showing a table with one item:

	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	<input checked="" type="checkbox"/>								

Below the table, it states "Total: 1 items".

On the right side, the "Layer Manager" dialog is open, listing several layers with checkboxes:

- Environmental Monitoring
- Sites and Facilities
- Planning Areas
- Landscape/Natural Heritage
- Historic Areas
- Water
- Land
- Base Layers
- Aerial Photos 2002

Below the Layer Manager, the "Measure" dialog is open, showing "Distance Unit" set to "Feet" and "Area Unit" set to "Acres".

At the bottom right, the "Save Selection/Mark Up" dialog is open, with the following fields:

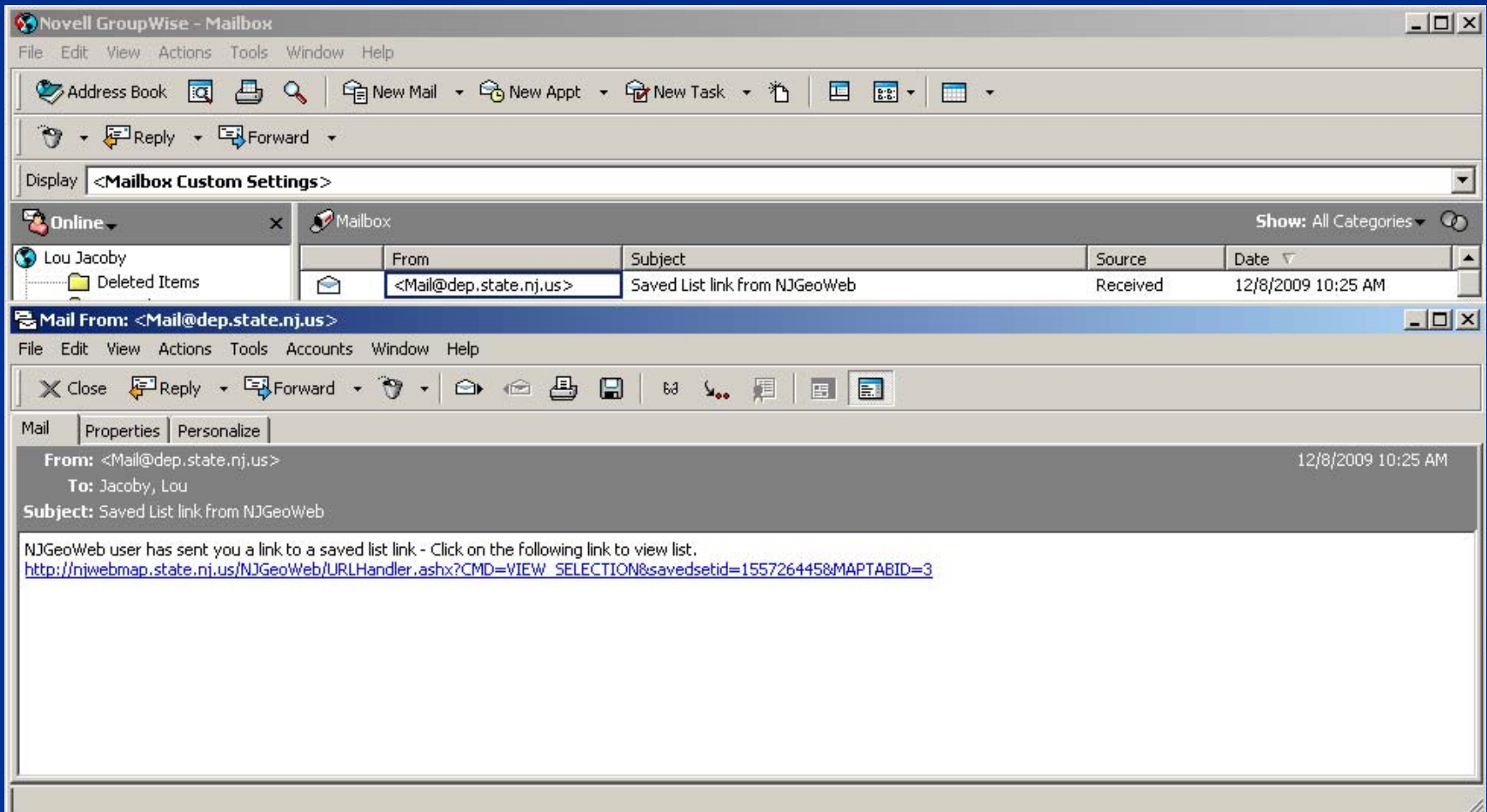
- Selection Name:
- Description:
- Saving Options:  Save ALL,  Save Selected
- Accessibility Options:
- Email To:

The "Email To" field is highlighted with a red border. A "Save" button is located at the bottom of this dialog.

At the bottom left of the interface, there is a scale bar and the text "Scale 1: 5,079.62".

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# Email Providing URL to Launch NJ-GeoWeb with Saved Selection



The screenshot displays the Novell GroupWise Mailbox interface. The main window shows a list of emails in a table format. The selected email is from <Mail@dep.state.nj.us> with the subject "Saved List link from NJGeoWeb", received on 12/8/2009 at 10:25 AM. The email content is visible in the lower pane, showing the sender's message and a URL to view a saved list link.

From	Subject	Source	Date
<Mail@dep.state.nj.us>	Saved List link from NJGeoWeb	Received	12/8/2009 10:25 AM

**Mail From:** <Mail@dep.state.nj.us>

**From:** <Mail@dep.state.nj.us> 12/8/2009 10:25 AM  
**To:** Jacoby, Lou  
**Subject:** Saved List link from NJGeoWeb

NJGeoWeb user has sent you a link to a saved list link - Click on the following link to view list.  
[http://niwebmap.state.nj.us/NJGeoWeb/URLHandler.ashx?CMD=VIEW\\_SELECTION&savedsetid=155726445&MAPTABID=3](http://niwebmap.state.nj.us/NJGeoWeb/URLHandler.ashx?CMD=VIEW_SELECTION&savedsetid=155726445&MAPTABID=3)

# The URL Launches NJ-GeoWeb

The screenshot displays the NJ-GeoWeb interface. At the top left, the logo reads "NJ-GeoWeb" with "new jersey department of environmental protection" below it. Navigation links for "video", "reports", "help", and "data descriptions" are in the top right. A "Welcome Guest | Login" link is also present. The main map area shows the state of New Jersey divided into counties, with a red box highlighting "SMITH'S FIELD" in Monmouth County. A scale bar at the bottom left indicates "Scale 1: 2,331,000.000".

On the right side, the "Layer Manager" panel is open, listing various data layers with checkboxes:

- Environmental Data
  - Environmental Monitoring
  - Sites and Facilities
  - Planning Areas
  - Landscape/Natural Heritage
  - Historic Areas
  - Water
  - Land
  - Base Layers
  - Aerial Photos 2002

Below the Layer Manager, the "Selection List" panel shows details for "Smith's Field":

- Check All
- 1  Perimeter: 2,875.659 ft , Area: 8.832 acr
- Total: 1 items

The "Selection Tools" panel is also open, with the "Zoom To Active Selections" option circled in red:

- Toggle Active Selection
- Delete Selected Features
- Hide/Show Label
- Save Selections
- Zoom To All Selections
- Zoom To Active Selections
- Clear Buffer Rings

# Zoomed to Active Selection

**NJ-GeoWeb** new jersey department of environmental protection [video](#) [reports](#) [help](#) [data descriptions](#)

Welcome Guest | [Login](#)

Map Search

GeoWeb

Advanced Tools Layer Manager

**Map Tools**

**Layer Manager**

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

Apply

Environmental Data

- Environmental Monitoring
- Sites and Facilities
- Planning Areas
- Landscape/Natural Heritage
- Historic Areas
- Water
- Land
- Base Layers
- Aerial Photos 2002

**Selection List**

**Smith's Field**

- Check All

1  Perimeter: 2,875.659 ft , Area: 8.832 acr

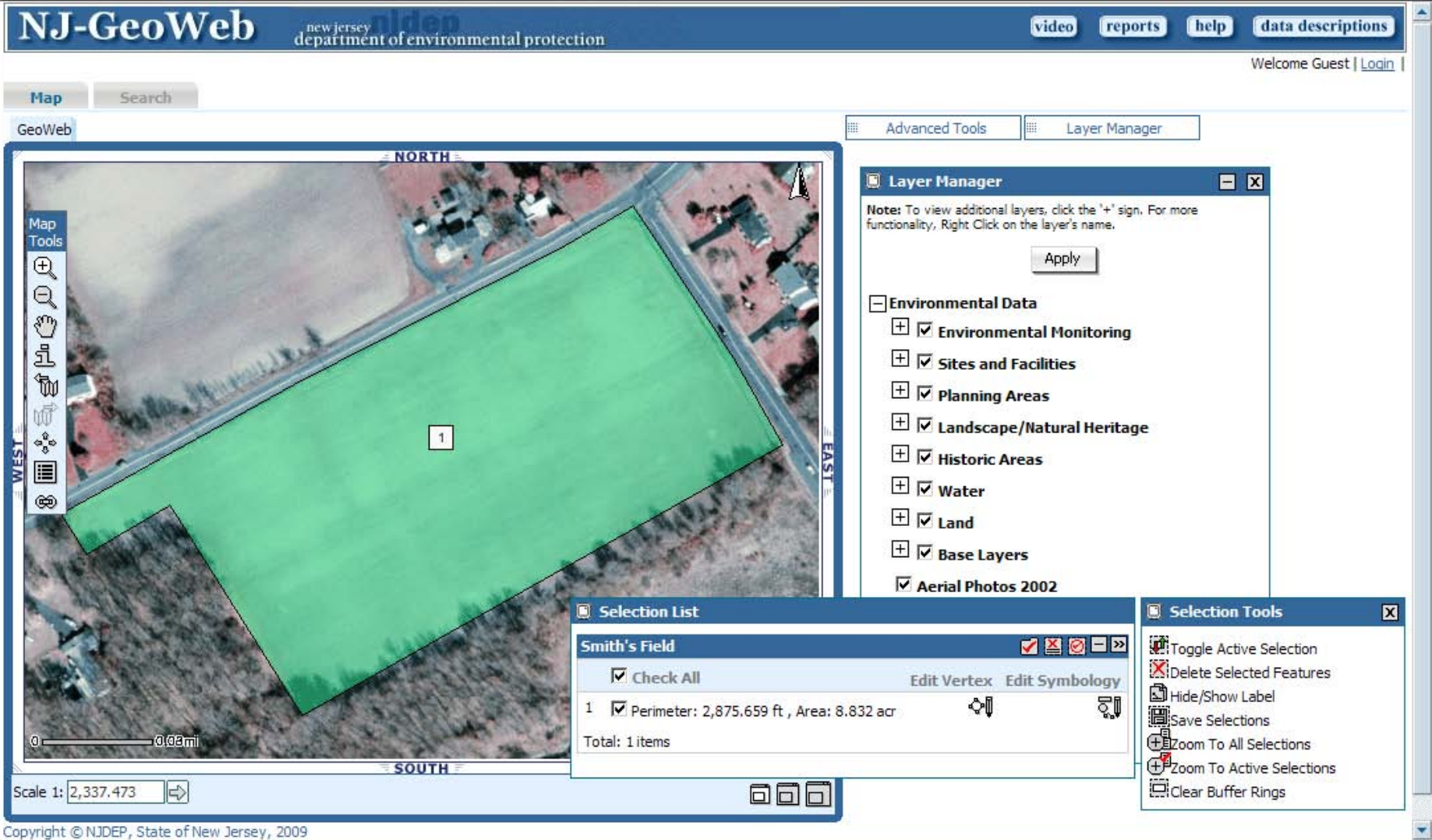
Total: 1 items

**Selection Tools**

- Toggle Active Selection
- Delete Selected Features
- Hide/Show Label
- Save Selections
- Zoom To All Selections
- Zoom To Active Selections
- Clear Buffer Rings

Scale 1: 2,337.473

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# NJ-GeoWeb Integration with NJDEP's Regulatory Services Portal

- RSP – Online business portal
  - [www.nj.gov/dep/online](http://www.nj.gov/dep/online) - register as a user through My New Jersey Portal
- Provides services enabling:
  - Registrations
  - Reporting of environmental data
  - Submission of reports
  - Electronic permits
- NJ-GeoWeb is integrated with e-permitting for:
  - Well permits
  - Storm water permits

# RSP - Well Permitting

File Edit View Favorites Tools Help

NJDEP Online

Home RSS Print Page Tools >>

## SITE INFORMATION

**Project Name:**

**\* Location Address:**

**\* Line 1:**

**Line 2:**

**Line 3:**

**\* City:**

**\* State:**

**\* Zip Code:**

**\* County:**

**OR**

**Multi-County:**


**\* Municipality:**

**OR**

**Multi-Municipality:**

**Location Description:**

**Coordinates** [Help to learn NJ-Geoweb](#)

X Coordinate (Easting)*	Y Coordinate (Northing)*	Coordinate System	NJ-Geoweb	Remove
444805	642719	NJ State Plane (NAD83) - USFEET		

To verify or obtain state plane coordinate information for this site click on the Geo-Web icon.

**Add Row**

**Block and Lot**

Block *	Lot *	County	Municipality	Remove
10	125	Somerset	Bridgewater Twp	

Done Internet 100%

# RSP – Integration with NJ-GeoWeb

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

Map Search

GeoWeb Well\_Driller

Advanced Tools Layer Manager

**Layer Manager**

Note: To view additional layers, click the '+' sign. For more functionality, Right Click on the layer's name.

Apply

**Environmental Data**

- Potential Groundwater Pollution Concerns**
  - Groundwater Contamination Areas (CEA)
  - Groundwater Contamination Areas (CKE)
  - Deed Notice Areas
  - Known Contaminated Sites List
  - NJEMS Sites
- Wells and Well Head Protection Areas**
- Planning Areas**
- Water**
- Base Layers**
- Aerial Photos 2002**

Scale 1: 10240

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# Plans for the Future

- More profiles, more GIS layers
- Integration of web services from other agencies
- e-permits for NJDEP's Land Use program
- Geo-processing tasks

# Thank You for Your Attention

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- [www.nj.gov/dep/gis](http://www.nj.gov/dep/gis)