



NJ Ambient Water Quality Data Exchange Update

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NJDEP Water Monitoring & Standards

New Jersey Water Monitoring Council
NJDEP Public Hearing Room
September 22, 2010



NJ Ambient WQ Data Exchange

NJDEP
 - Water Monitoring & Standards
 - Div. Watershed Management
 - Div. Water Quality



Counties
 Commissions



TMDL Contractors
 319(h) Grantees



NJPDES Permittees
 (Water Quality Studies)



Volunteer Organizations
 Watershed Groups



Academia
 - Rutgers University



NJ Web Server



NJ Facility
 Database



NJ GIS



NJ Water Quality
 Database



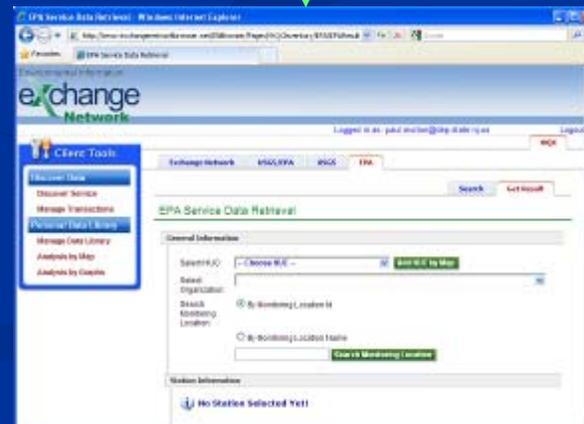
NJ GeoWeb / Data Miner



USEPA
 STORET



USGS
 NWIS



Exchange Network Browser



Enhanced Exchange Network Browser

<http://www.exchangenetworkbrowser.net/ENBrowser/Pages/Main/Login.aspx>

- Live on ECOS server
- View and download WQDE, EPA and USGS data
- **More stable, but still needs hardware upgrades to handle large data retrievals.**
- **Going Public!? Need NJWMCC and National WMCC participation to test queries and give feedback**

General Information

Service Provider:

Web Services:

Organization:
 USGS-AK
 USGS-AL
 USGS-AR
 USGS-AZ

Site Id:

(Concatenate an agency code, a hyphen ("-"), and a USGS site-identification number.)

Choose Site Type:

HUC Info

HUC: 02040301

of MonLoc: 28

JC from Map

- Hammoncton Creek at Route 90 at Hammoncton NJ
- North Branch Mataleoonk River at Lakewood NJ
- Hammoncton Creek tributary near Wescoaville NJ
- Toms River near Toms River NJ
- Dove Mill Branch at Whitesville NJ
- Mullica River at outlet of Abison Lk at Abison NJ
- Batsto River at Batsto NJ
- Blacks Branch at Lakehurst NJ
- Sunken Branch near Toms River NJ
- Blue Anchor Brook at Elm NJ
- Springen Brook near Hampton Furnace NJ
- Manasquan River at Squankum NJ
- West Branch Wading River at Maxwell NJ
- Hammoncton Creek at Wescoaville NJ
- Hays Mill Creek near Chesilhurst NJ
- Batsto River at Quaker Bridge NJ
- Mingamahone Bk near Earle NJ
- Landing Creek near Egg Harbor City NJ
- East Branch Bass River near New Orleans NJ
- Union Branch at Pine Lake Park NJ
- Hammoncton Creek at

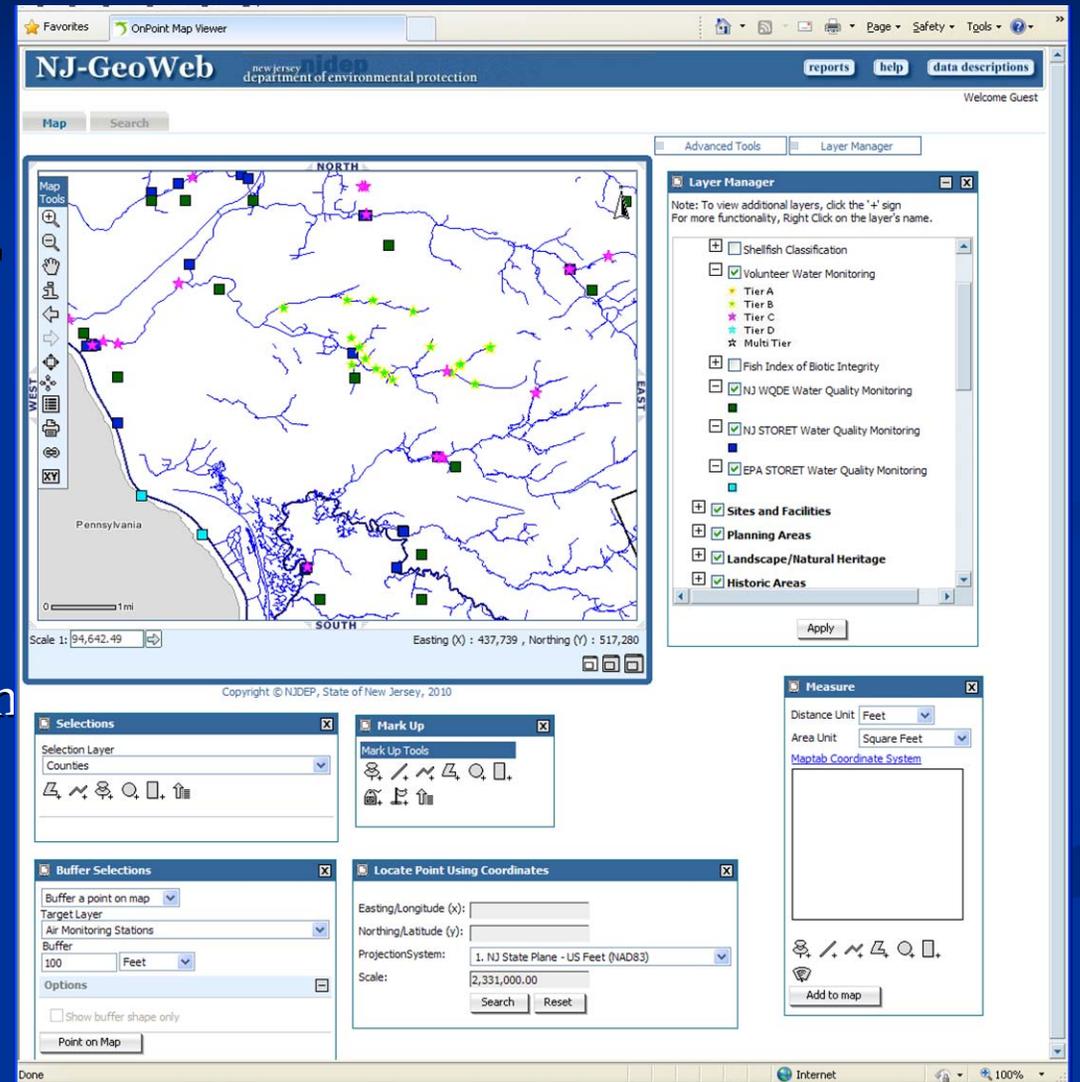
RES_UID	Organization	Activity ID	Collection Start Date	Collection End Date	Characteristic	Characteristic Additional Value	Result	Unit	Detection Condition	Analysis Start Date	Analysis End Date	Lab Name	Lab Accredid
161259	USGS New Jersey Water Science Center	drijtrn.01.00900573	03/25/2009 09:45:00		Oxygen		20	% saturatn					
161260	USGS New Jersey Water Science Center	drijtrn.01.00900573	03/25/2009 09:45:00		Oxygen		2.4	mg/l					



NJDEP NJ-GeoWeb

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

- NJDEP based Internet mapping solution for public access to WQDE, STORET and NWIS data
- **Now LIVE on Internet**
- **Video demo and online user guides**
- Still working on link between NJ-GeoWeb and NJDEP Data Miner.



Access from NJDEP Web Page

<http://www.nj.gov/dep>

NJDEP New Jersey Department of Environmental Protection - Windows Internet Explorer

<http://www.nj.gov/dep/>

File Edit View Favorites Tools Help

Favorites NJDEP New Jersey Department of Environmental Prot...

Governor Chris Christie • Lt. Governor Kim Guadagno

NJ Home | Services A to Z | Departments/Agencies | FAQs

Search All of NJ

STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION

About DEP Index by Topic Programs & Units

Air Information

Water Information

Land & Open Space

Site Cleanups

Waste Management

Parks & Forests

Fish & Wildlife

Climate Change

Education

Enforcement

Environmental Justice

Highlands

Historic Preservation

Pesticides

Radiation Protection

Recycling

School Facilities

Stewardship

Sustainable Planning

Citizen

Business

Event Calendars

Information Tools

DEP Online

NJ-GeoWeb/i-MapNJ

GIS Data

Data Miner

Public Records (OPRA)

Rules & Regulations

Environmental Standards

WILD Outdoor Expo

The DEP's first ever WILD Outdoor Expo will take place on the weekend of Sept. 25-26 at Assunpink Wildlife Management Area in Upper Freehold. Camping, hiking, fishing, kayaking and hunting will be among the many outdoor activities featured in a host of displays, educational sessions and hands-on events offered, mostly for free. To learn more, take a look at the [press release](#).

News Releases

Gulf Oil Spill Update

1-877-WARN DEP Hotline

Today's Air Quality

Bob Martin, Commissioner

DEP Commissioner
401 E. State St.
7th Floor, East Wing
P.O. Box 402
Trenton, NJ 08625-0402

Featured Topics

- New Jersey Clean Air Council 2010 Public Hearing Recommendations Presented to NJDEP
- DEP Vision and Priorities (pdf)
- Stakeholder Work Group & Public Meeting Schedule
- Governor's Executive Orders 1-4: Red Tape and Common Sense
- Passaic River Flood Advisory Commission - Second Public Meeting - August 18
- Buy and Print Your NJ Fishing License and Trout Stamp
- DEP Storm Surveys of Coastline, Dam Safety
- Proposed Comprehensive Bear Management Policy
- Outer Coast Deep Surface Water

Internet 100%



NJDEP Water Monitoring and Standards

Click on the NJ-GeoWeb link



The screenshot shows the NJDEP GIS Interactive Mapping website. The page title is "NJDEP GIS - Interactive Mapping - Windows Internet Explorer". The URL is "http://www.nj.gov/dep/gis/newmapping.htm". The page features a navigation menu on the left with links for Interactive Mapping, Downloads, Standards, GPS, Resources, Training, and FAQs. The main content area is titled "Interactive Mapping" and contains a table of available applications.

Available Applications (Click on image below to go to that applications splash page.)	Release Date	Description
	Sep 2010	NJDEP's "next generation" environmental mapping tool that can provide information about your community, county, or state (NJ). NJ-GeoWeb will assist users with becoming more engaged in decision-making about environmental issues in their communities. Sep 2010: new profiles, new tools, new searches, and 50 new and updated layers including 2007 NJ Imagery.
	Oct/Nov 2008	i-MapNJ DEP provides NJDEP's Geographic Information System (GIS) environmental data. Critical Environmental and Historic Sites layer has been added, Pinelands Management Areas and 7 other layers have been updated in the Oct/Nov 2008 release.
	Dec 2009	i-MapNJ Geology is an interactive mapping application that provides information about New Jersey's uniquely diverse and interesting Geology, Aquifers and their Wellhead Protection Areas, Abandoned Mines from New Jersey's long history of mining for iron, copper and other minerals, Earthquake Epicenters, and more. July 2010: Updated the Earthquake Epicenters layer.



Launch GeoWeb or Tutorials/Demo

NOTE: If you are using **IE 8.x**, run the application in **Compatibility Mode** by making the following change: Under Tools > Compatibility View Settings, in the "Add this website:" text box, enter STATE.NJ.US then click "Add" then "Close". This should allow the application to work properly.

Welcome to **NJ-GeoWeb**
NJDEP's "next generation"
environmental mapping tool

Updated: Sep 2010

With **NJ-GeoWeb** users can view and query the best of the NJDEP's Geographic Information System (GIS) data. NJ-GeoWeb users can link to reports from DEP **Data Miner** to access up to the minute environmental data related to selected features appearing on the map.

There are **profiles** for **Well Drillers**, **Ambient Water Monitoring** contributors, **Tidelands**, **Geology** 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. 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

Launch

Sign up for NJ-GeoWeb Training
Visit our training page to sign up for NJ-GeoWeb training.

GeoWeb

Tutorial/Demo



Search for an Area

Search tab

NJ-GeoWeb Search - Windows Internet Explorer

http://njwebmap.state.nj.us/NJGeoWeb/WebPages/Map/MapView.aspx?THEME=NJDEP&LH=True&RIDZ=63420

File Edit View Favorites Tools Help

NJ-GeoWeb new jersey njdep department of environmental protection

Welcome AWM

Map Search Results

Address Search County Municipality Place ZIP Code Parcels by Block/Lot All Searches

Municipality

Select a County/Municipality help

County MERCER

Municipality HOPEWELL TWP

Search Reset

Done Internet 100%

Municipality tab



Check Monitoring Layer to Display

The screenshot shows the NJ-GeoWeb Map Viewer interface. The map displays a pink-shaded area representing Mercer County, NJ, with labels for Hunterdon, Somerset, and Mercer counties, and Pennsylvania to the west. The map includes a scale bar (0 to 2 miles) and coordinates (Easting: 400,033, Northing: 581,398). The Layer Manager panel on the right lists various monitoring layers, with 'Fish Index of Biotic Integrity' highlighted by a red box and a red arrow pointing to a 'Click' button. The Selection List panel below shows 'HOPEWELL TWP, MERCER COUNTY - 2000 Population = 16105' selected.

Layer Manager

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

- Environmental Data
 - Sites and Facilities
 - Water Monitoring
 - NJ WQDE Water Quality Monitoring
 - NJ STORET Water Quality Monitoring
 - EPA STORET Water Quality Monitoring
 - USGS NWIS Water Quality Monitoring
 - Volunteer Water Monitoring
 - Ambient Biomonitoring Network (AMNET)
 - Fish Index of Biotic Integrity
 - Shellfish Classification
 - Land
 - Planning Areas
 - Water
 - Base Layers

Selection List

Municipalities

- Check All
- 1 HOPEWELL TWP, MERCER COUNTY - 2000 Population = 16105

Total: 1 items



Right Click Layer and Identify

2. Click to select Identify Tool, then click site

3. Identify Results

1. Right click to make layer active

The screenshot shows the NJ-GeoWeb Map Viewer interface. The 'Map Tools' panel on the left has the 'Identify' tool selected. The 'Layer Manager' panel on the right shows the 'Fish Index of Biotic Integrity' layer selected. The 'More Information' panel displays the following data:

Attribute	Value
IBI Site	FIBI028
Waterbody	Moore Creek
Location	Pleasant Valley Rd, Bridge to house #48
Municipality	HOPEWELL TWP
County	MERCER
Round1	2001
Round2	2006
Round1 IBI Score	42
Round2 IBI Score	30
Round1 IBI Rating	Good
Round2 IBI Rating	Fair
Status	

The 'Layer Manager' panel shows the following layers:

- Environmental Data
 - Sites and Facilities
 - Water Monitoring
 - NJ WQDE Water Quality Monitoring
 - NJ STORET Water Quality Monitoring
 - EPA STORET Water Quality Monitoring
 - USGS NWIS Water Quality Monitoring
 - Volunteer Water Monitoring
 - Ambient Biomonitoring Network (AMNET)
 - Fish Index of Biotic Integrity
 - Shellfish Classification
- Land
- Planning Areas
- Water
- Base Layers



Identify EPA Site & View Document

The screenshot shows the NJ-GeoWeb Map Viewer interface. The main window displays the 'More Information' panel for 'EPA STORET Water Quality Monitoring'. Below this, a table lists the following attributes:

Attribute	Value
Organization ID	31DRBCSP
Station ID	DRBCNJ0006
Station Name	Moore Creek
Organization Name	Delaware River Basin Commission
Primary Type	River/Stream
HUC8	02040105
Latitude	40.332778
Longitude	-74.907778
Horizontal Datum	NAD83
Positioning Method	GPS Carrier Phase Static Relative Position
County	MERCER

Below the table, a 'Documents' section lists 'EPA STORET WQ Samples' with a link: http://iaspub.epa.gov/storpubl/storet_wme_pkq.Display_Station?p_station_id=DRBCNJ0006&p_org_id=31DRBCSP. A red arrow points from a blue box labeled 'Click on Link' to this URL. The 'Layer Manager' panel on the right shows a tree view of layers, including 'Environmental Data', 'Land', 'Planning Areas', 'Water', and 'Base Layers'. The 'Selection List' panel at the bottom shows 'Municipalities' with 'Check All' and 'HOPEWELL TWP, MERCER COUNTY - 2000 Population = 16105' selected.



See EPA Data Summary

EPA > STORET > STORET Station Home Page - Windows Internet Explorer

US EPA http://iaspub.epa.gov/storpub/storet_wme_pkg.Display_Station?p_station_id=DRBCNJ0006&p_org_id=31DRBCSP

File Edit View Favorites Tools Help

US EPA > STORET > STORET Station Home Page

U.S. ENVIRONMENTAL PROTECTION AGENCY

STORET

[Recent Additions](#) | [Contact Us](#) | [Print Version](#) Search: **GO**

[EPA Home](#) > [Water](#) > [Wetlands, Oceans, & Watersheds](#) > [Monitoring and Assessing Water Quality](#) > [STORET](#) > Station Information

Station: DRBCNJ0006 Moore Creek
 Organization: 31DRBCSP Delaware River Basin Commission



Station Information	
Primary Type	River/Stream
Secondary Type	
Latitude/Longitude	Latitude 40.3327778, Longitude -74.9077778, NAD83
Elevation	
State	NEW JERSEY
County	MERCER
Hydrologic Unit	02040105, Middle Delaware-Musconetcong.

	Number of Results	Date Range
Temperature_air	6	1999-06-29 1999-08-17
Temperature_water	6	1999-06-29 1999-08-17
Dissolved oxygen (DO)	3	1999-06-29 1999-08-17
Dissolved oxygen saturation	3	1999-06-29 1999-08-17
Dissolved oxygen saturation	3	1999-06-29 1999-08-17
Elevation_water_surface_MSL	3	1999-06-29 1999-08-17
Enterococcus Group Bacteria	3	1999-06-29 1999-08-17
Specific conductance	3	1999-06-29 1999-08-17
pH	3	1999-06-29 1999-08-17

Comments? If you have a question or comments on this website or on the STORET system, please call STORET User Assistance at 1-800-424-9067, or send us an email at STORET@epa.gov.

[Help](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

Last updated on December 5, 2003
 URL: http://iaspub.epa.gov/storpub/storet_wme_pkg.Display_Station

Internet 100%



See USGS Summary from Link

The screenshot shows the USGS National Water Information System (NWIS) web interface. The browser title is "USGS ** USGS 01462200 Moores Creek near Titusville NJ - Windows Internet Explorer". The address bar shows the URL: http://nwis.waterdata.usgs.gov/nwis/nwisman/?site_no=01462. The page features the USGS logo and navigation links for Home, Contact, and Search. The main content area is titled "National Water Information System: Web Interface" and includes a search filter for "Data Category: Site Information" and "Geographic Area: United States". A news banner mentions "New Real-Time and Site Web Services! - updated August 26, 2010". The site title is "USGS 01462200 Moores Creek near Titusville NJ". A button labeled "Available data for this site" is set to "SUMMARY OF ALL AVAILABLE DATA". The "Stream Site" section includes a "DESCRIPTION:" with coordinates (40°19'26", 74°55'01" NAD83), location (Mercer County, New Jersey), and drainage area (10.20 square miles). The "AVAILABLE DATA:" section contains a table with columns for Data Type, Begin Date, End Date, and Count. The "OPERATION:" section states that the record is maintained by the USGS New Jersey Water Science Center and provides a link for "Water-Data Inquiries". Footer links include "Questions about sites/data?", "Feedback on this web site", "Automated retrievals", "Help", "Top", "Explanation of terms", "Subscribe for system changes", and "News".

USGS
science for a changing world

USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources (Cooperator Access) Data Category: Site Information Geographic Area: United States GO

News New Real-Time and Site Web Services! - updated August 26, 2010

USGS 01462200 Moores Creek near Titusville NJ

Available data for this site SUMMARY OF ALL AVAILABLE DATA GO

Stream Site

DESCRIPTION:
Latitude 40°19'26", Longitude 74°55'01" NAD83
Mercer County, New Jersey, Hydrologic Unit 02040105
Drainage area: 10.20 square miles
Contributing drainage area: 10.20 square miles,

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field measurements	1958-09-12	2002-09-20	13
Field/Lab water-quality samples	1959-05-04	1978-05-15	31

OPERATION:
Record for this site is maintained by the USGS New Jersey Water Science Center
Email questions about this site to [New Jersey Water Science Center Water-Data Inquiries](#)

[Questions about sites/data?](#) [Top](#)
[Feedback on this web site](#) [Explanation of terms](#)
[Automated retrievals](#) [Subscribe for system changes](#)
[Help](#) [News](#)

Accessibility FOIA Privacy Policies and Notices
U.S. Department of the Interior | U.S. Geological Survey
Title: ** USGS 01462200 Moores Creek near Titusville NJ

1. Make USGS layer active
2. Select Identify Tool
3. Identify Site
4. Click Document Link



Volunteer Monitoring Reports

The screenshot displays the NJ-GeoWeb Map Viewer interface. The main content area is titled "Ambient_Water_Monitoring" and "GeoWeb". A "More Information" window is open, showing details for a project in Hopewell Twp, Mercer County. The "Reports" section of this window lists various report formats with "View" buttons. A red arrow points from a blue box labeled "Click Buton" to the "View" button for "VWM Common Name Macroinvertebrate Results (DEP Data Miner)".

Report Format	Action
Report (CSV)	View
Report (HTML)	View
Report (PDF)	View
Report (XML)	View
VWM Chemical Results Report (DEP Data Miner)	View
VWM Common Name Macroinvertebrate Results (DEP Data Miner)	View
VWM Scientific Name Macroinvertebrate Results (DEP Data Miner)	View
VWM Stream Side Land Use Assessment (DEP Data Miner)	View

The "Layer Manager" window on the right shows a tree view of layers. Under "Environmental Data", "Water Monitoring" is expanded, and "Volunteer Water Monitoring" is checked. Other layers include "Land", "Planning Areas", "Water", and "Base Layers".

The "Selection List" window shows a list of municipalities with "Check All" and "HOPEWELL TWP, MERCER COUNTY - 2000 Population = 16105" selected. Total: 1 items.

Click Buton



Prompt for Date Range

The screenshot shows a web browser window titled "NJDEP-OPRA prompt base - Windows Internet Explorer". The address bar shows the URL: http://datamine2.state.nj.us/DEP_OPRA/OpraMain/REPORT_FA. The page header includes navigation links: [njhome](#) | [my new jersey](#) | [people](#) | [business](#) | [government](#) | [departments](#). Below the header is the NJDEP logo and the text "new jersey department of environmental protection" and "OPRA | New Jersey Open Public Records Act". There are buttons for "site search", "reports by category", "reports search", and "help".

The main content area is titled "NJGeoWeb Common Name Macroinvertebrate Results Searchable by Station ID". It contains a form with the following fields:

Enter Begin Date:	<input type="text" value="6/21/2000"/>
Enter End Date:	<input type="text" value="9/21/2010"/>
SelectionID	<input type="text" value="180666791"/>

Below the form are "OK" and "CANCEL" buttons. A note below the form states: "Please be advised that the broader the search criteria, the longer the retrieval time." At the bottom of the page, there are links for "contact dep", "privacy notice", and "legal statement".

OK
To change

Don't
change!



VWM Report & Chart

NJDEP-OPRA multireport base - Windows Internet Explorer

http://datamine2.state.nj.us/DEP_OPRA/OPRAMain/get_long_re

File Edit View Favorites Tools Help

Common Name Macroinvertebrate Results Searchable by Station ID

Run At: 09/21/10 6:47 PM

Note: For Quality Assurance Projects Plan or study design, click project links below

VWM-2724

Project: 2009-2010 Monitoring Program (ID: VWM-78)	Project Tier: C	Station: WA09101	VM Group: NJDEP, NJ Watershed Ambassador Prog	Water Body Name: Moore's Creek
Watershed: WMA 11	County: Mercer	Latitude: 40.324484	Longitude: -74.916548	Activity Date: 10/26/09
Sample Equipment: Kick Net	Submission Date: 02/09/10			
Macroinvertebrate Comments:	Submission ID: 37384			

Common Name	Number of Individuals	Sensitivity	% Abundance
Stonefly nymphs	1	Intolerant/Sensitive Species	0.65 %
Mayfly nymphs	2	Intolerant/Sensitive Species	1.31 %
Water penny larvae	3	Intolerant/Sensitive Species	1.96 %
Caddisfly larvae	52	Intolerant/Sensitive Species	33.99 %
Souls	2	Somewhat tolerant/intolerant species	1.31 %
Cranefly larvae	15	Somewhat tolerant/intolerant species	9.80 %
Caddisfly larvae (net-spinners)	76	Somewhat tolerant/intolerant species	49.07 %
Blackfly larvae	2	Tolerant Species	1.31 %
Totals	153	Sum:	100%

Macroinvertebrate Results Pollution Tolerance Chart

NJDEP-OPRA multireport base - Windows Internet Explorer

http://datamine2.state.nj.us/DEP_OPRA/OPRAMain/get_long_re

File Edit View Favorites Tools Help

Common Name Macroinvertebrate Results Searchable by Watershed

Run At: 09/21/10 6:47 PM

Note: For Quality Assurance Projects Plan or study design, click project links below

Project: 2009-2010 Monitoring Program (ID: VWM-78)	Project Tier: C	Station: WA09101	VM Group: NJDEP, NJ Watershed Ambassador Prog	Water Body Name: Moore's Creek
Watershed: WMA 11	County: Mercer	Latitude: 40.324484	Longitude: -74.916548	Activity Date: 10/26/09
Sample Equipment: Kick Net	Submission Date: 02/09/10			
Macroinvertebrate Comments:	Submission ID: 37384			

Sensitivity	Percentage
Intolerant/Sensitive Species	37.91 %
Somewhat tolerant/intolerant species	60.78 %
Tolerant Species	1.31 %

Macroinvertebrate Results Pollution Tolerance Chart



Select Multiple Points

The screenshot shows the NJ-GeoWeb Map Viewer interface. The map displays a grid over a region in Mercer County, NJ, with a red box highlighting a specific area. The Layer Manager on the right shows 'Volunteer Water Monitoring' selected. The Selection List at the bottom left shows 'HOPEWELL TWP, MERCER COUNTY' selected. The Advanced Tools panel at the bottom center shows the 'Selection' tool type selected.

1. Click Advanced Tools

5. Draw box around points

2. Click Selection tool

3. Select Layer

4. Select tool type



Export Points

The screenshot displays the NJ-GeoWeb Map Viewer interface. The main map area shows a pink-shaded region with several green and purple points. A 'Reports' dialog box is open, showing 'Report (CSV)' selected and a 'View' button. The 'Layer Manager' on the right lists various data layers, with 'Volunteer Water Monitoring' checked. The 'Selection List' at the bottom left shows a list of 6 water monitoring points, all checked. The 'Advanced Tools' and 'Selections' panels are also visible.

Map Tools

Reports

Select Reports: Report (CSV) View

Layer Manager

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

Environmental Data

- Sites and Facilities
- Water Monitoring
 - NJ WQDE Water Quality Monitoring
 - NJ STORET Water Quality Monitoring
 - EPA STORET Water Quality Monitoring
 - USGS NWIS Water Quality Monitoring
 - Volunteer Water Monitoring
 - Ambient Biomonitoring Network (AMNET)
 - Fish Index of Biotic Integrity
 - Shellfish Classification
- Land
- Planning Areas
- Water
- Base Layers

Apply

Selection List

Volunteer Water Monitoring

- Check All
- 1 VWM-2698 - WA09105
- 2 VWM-2723 - WA09102A
- 3 VWM-170 - SB4(B)
- 4 VWM-2725 - WA09102B
- 5 VWM-161 - SB4
- 6 VWM-2717 - WA09104

Total: 6 items

Advanced Tools

- Selection
- Mark Up
- Measure
- Buffer Selections
- Locate Point Using Coordinates

Selections

Selection Layer: Volunteer Water Monitoring

3. Click View

2. Select Report Type

1. Click on Report/ Export Editor icon



Download File and Open in Excel

The screenshot shows a Microsoft Excel window titled 'Microsoft Excel - report[2]'. The spreadsheet contains the following data:

Station Code	Site Name	Site Descr	Station Ty	Latitude	Longitude	Location M	Date Modif	Watershec	Water Bod	Stream Gr	Volunteer I	Project Tie	NJSPC Ea	NJSPC No	Mun
VWM-2698	WAD9105	NULL	Waterbody	40.30716	-74.8338	GPS	#####	11	Jacob's Cr	Low	NJDEP, N.C		399036	536975	HOPE
VWM-2723	WAD9102A	NULL	Waterbody	40.3311	-74.8331	GPS	#####	11	Jacob's Cr	Low	NJDEP, N.C		399270	545698	HOPE
VWM-170	SB4(B)	sample up	Long-Term	40.33175	-74.7783	GPS	#####	10	Stony Bro	High	Stony Bro	C	414534	545880	PENN
VWM-2725	WAD9102B	NULL	Waterbody	40.33065	-74.8315	GPS	#####	11	Jacob's Cr	Low	NJDEP, N.C		399713	545532	HOPE
VWM-161	SB4	sample up	Long-Term	40.33175	-74.7783	GPS	#####	10	Stony Bro	High	Stony Bro	B	414534	545880	PENN
VWM-2717	WA09104	NULL	Waterbody	40.30751	-74.8263	GPS	#####	11	Jacobs Cr	Low	NJDEP, N.C		401127	537095	HOPE



NJDEP Data Miner

http://datamine2.state.nj.us/dep/DEP_OPRA/index2.html

- NJDEP's "text based" query and reporting tool for environmental data (WQ, facility, permits, etc)
- **Now Live On Internet**
- **Basic queries of monitoring locations and results**
- Need your help in adding query parameters and output columns.

The screenshot displays the NJDEP Data Miner interface. The main heading is "Common Name Macroinvertebrate Results Searchable by Watershed". Below this, there is a table with project details and a table of macroinvertebrate species.

Project No./WQA/MSL/2008 ID/VIMS#	Project Tier	Station	VM Group	Watershed	Water Body Name
0208.02.VIMS20	B	Assincks Creek 1	NJDEP - NJ	Assincks Creek	Assincks Creek
Watershed: WQA.20	County: Burlington	Latitude: 42.04405	Longitude: -74.75839	Activity Date: 07/11/08	

Common Name	Number of Individuals	Sensitivity	% Abundance
Aquatic scuds	1	Somewhat tolerant/intolerant species	3.87 %
Dragonfly larvae	2	Somewhat tolerant/intolerant species	7.14 %
Scuds	6	Somewhat tolerant/intolerant species	13.86 %
Aquatic worms	9	Tolerant Species	32.14 %
Midge fly larvae	11	Tolerant Species	39.29 %
Totals	29	Sum:	100%

Project No./WQA/MSL/2008 ID/VIMS#	Project Tier	Station	VM Group	Watershed	Water Body Name
0208.02.VIMS20	B	Assincks Creek 1	NJDEP - NJ	Assincks Creek	Assincks Creek
Watershed: WQA.20	County: Burlington	Latitude: 42.04405	Longitude: -74.75839	Activity Date: 07/11/08	

Below the table is a 3D pie chart showing the distribution of species: Tolerant Species (71.43%) and Somewhat tolerant/intolerant species (28.57%).



Access from NJDEP Web Page

press release.' To the right of the main content are sections for 'Gulf Oil Spill Update', '1-877-WARN DEP Hotline', 'Today's Air Quality', 'Bob Martin, Commissioner' (with a photo and address: 401 E. State St., 7th Floor, East Wing, P.O. Box 402, Trenton, NJ 08625-0402), and 'Featured Topics' including 'New Jersey Clean Air Council 2010 Public Hearing Recommendations Presented to NJDEP', 'DEP Vision and Priorities (pdf)', 'Stakeholder Work Group & Public Meeting Schedule', 'Governor's Executive Orders 1-4: Red Tape and Common Sense', 'Passaic River Flood Advisory Commission - Second Public Meeting - August 18', 'Buy and Print Your NJ Fishing License and Trout Stamp', 'DEP Storm Surveys of Coastline, Dam Safety', 'Proposed Comprehensive Bear Management Policy', and 'Quaker Creek Draft Surface Water'. The browser status bar at the bottom shows 'Done' and 'Internet'."/>

NJDEP New Jersey Department of Environmental Protection - Windows Internet Explorer

http://www.nj.gov/dep/

Governor Chris Christie • Lt. Governor Kim Guadagno

NJ Home | Services A to Z | Departments/Agencies | FAQs

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Water Information

Land & Open Space

Site Cleanups

Waste Management

Parks & Forests

Fish & Wildlife

Climate Change

Education

Enforcement

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Historic Preservation

Pesticides

Radiation Protection

Recycling

School Facilities

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Citizen

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Event Calendars

Information Tools

DEP Online

NJ-GeoWeb/i-MapNJ

CIS Data

Data Miner

Public Records (OPRA)

Rules & Regulations

Environmental Standards

WILD Outdoor Expo

The DEP's first ever WILD Outdoor Expo will take place on the weekend of Sept. 25-26 at Assunpink Wildlife Management Area in Upper Freehold. Camping, hiking, fishing, kayaking and hunting will be among the many outdoor activities featured in a host of displays, educational sessions and hands-on events offered, mostly for free. To learn more, take a look at the [press release](#).

News Releases

Gulf Oil Spill Update

1-877-WARN DEP Hotline

Today's Air Quality

Bob Martin, Commissioner

DEP Commissioner
401 E. State St.
7th Floor, East Wing
P.O. Box 402
Trenton, NJ 08625-0402

Featured Topics

- New Jersey Clean Air Council 2010 Public Hearing Recommendations Presented to NJDEP
- DEP Vision and Priorities (pdf)
- Stakeholder Work Group & Public Meeting Schedule
- Governor's Executive Orders 1-4: Red Tape and Common Sense
- Passaic River Flood Advisory Commission - Second Public Meeting - August 18
- Buy and Print Your NJ Fishing License and Trout Stamp
- DEP Storm Surveys of Coastline, Dam Safety
- Proposed Comprehensive Bear Management Policy
- Quaker Creek Draft Surface Water

Data Miner



Click Button to Launch

NJDEP Record Access Program (OPRA): Online Access / Data Miner - Windows Internet Explorer

http://www.nj.gov/dep/opra/online.html

File Edit View Favorites Tools Help

Search

njhome | citizen | business | government | services A to Z | departments

new jersey njdep department of environmental protection

Record Access Program | OPRA

opra/rap home | njdep home

den Data Miner

Within DEP Data Miner, you will find a variety of reports that will provide you with up to the minute results. In order to provide flexibility, many of these reports require the user to enter some criteria, which will result in a customized document.

The DEP is dedicated to making environmental information readily available to our constituents while maintaining user confidence in the data. The information provided within NJDEP Data Miner and the viewing experience will continue to expand and improve as we work towards providing our constituents with an informative and easy-to-use environment.

The information contained in this site is the best available according to the procedures and standards of each of the contributing programs. The Department's programs are regularly maintaining the information in their databases, in order to maintain the quality and timeliness of the data. However, unintentional inaccuracies may occur. The Department has made every effort to present the information in a clear and understandable way for a variety of users. However, we cannot be responsible for the misuse or misinterpretation of the information presented by this system. Therefore, under no circumstances shall the State of New Jersey be liable for any actions taken or omissions made from reliance on any information contained herein from whatever source nor shall the State be liable for any other consequences from any such reliance.

INSTRUCTIONS

click here to launch DEP Data Miner

Click the above button to start mining.

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opra: [opra home](#) | [most requested info](#) | [dep online reports](#) | [about opra](#) | [exceptions](#) | [opra form](#)
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Department of Environmental Protection
P. O. Box 402
Trenton, NJ 08625-0402

Last Updated: September 9, 2008

Click



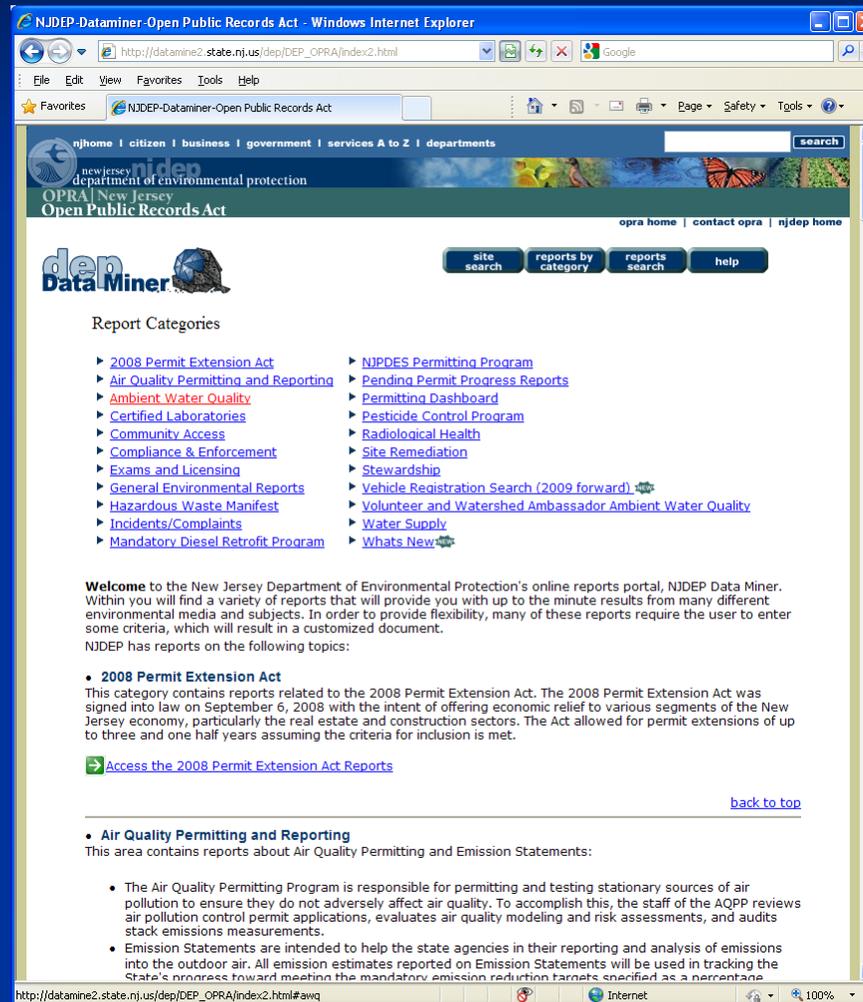
Click Reports by Category

The screenshot shows the NJDEP Dataminer website interface. At the top, there is a navigation bar with links for 'njhome', 'citizen', 'business', 'government', 'services A to Z', and 'departments'. Below this is the NJDEP logo and the text 'OPRA New Jersey Open Public Records Act'. A search bar is located in the top right corner. In the center, there are four buttons: 'site search', 'reports by category', 'reports search', and 'help'. Below the buttons, a text block explains that the following searches allow finding regulated sites or individuals. A red text instruction states: 'If you want to search for information by program or category, please click on the reports by category button above.' Below this, there are two search sections: 'Search for Regulated Sites by Location' and 'Search for Regulated Sites by Name'. Each section includes a search form with dropdown menus for County and Municipality, a text input for Zip Code, and radio buttons for 'All', 'Sites', and 'Licenses/Certifications/Regulated Individuals'. The 'Sites' radio button is selected in both sections.

click



Click Ambient Water Quality



The screenshot shows a web browser window displaying the NJDEP Data Miner website. The browser's address bar shows the URL: http://datamine2.state.nj.us/dep/DEP_OPRA/index2.html. The website header includes the NJDEP logo and navigation links for 'site search', 'reports by category', 'reports search', and 'help'. The 'Report Categories' section is visible, with 'Ambient Water Quality' highlighted in red text. Below this, a 'Welcome' message and a list of report categories are shown. The 'Air Quality Permitting and Reporting' category is expanded, showing details about the Air Quality Permitting Program and Emission Statements.

Report Categories

- ▶ [2008 Permit Extension Act](#)
- ▶ [Air Quality Permitting and Reporting](#)
- ▶ [Ambient Water Quality](#)
- ▶ [Certified Laboratories](#)
- ▶ [Community Access](#)
- ▶ [Compliance & Enforcement](#)
- ▶ [Exams and Licensing](#)
- ▶ [General Environmental Reports](#)
- ▶ [Hazardous Waste Manifest](#)
- ▶ [Incidents/Complaints](#)
- ▶ [Mandatory Diesel Retrofit Program](#)
- ▶ [NJDES Permitting Program](#)
- ▶ [Pending Permit Progress Reports](#)
- ▶ [Permitting Dashboard](#)
- ▶ [Pesticide Control Program](#)
- ▶ [Radiological Health](#)
- ▶ [Site Remediation](#)
- ▶ [Stewardship](#)
- ▶ [Vehicle Registration Search \(2009 forward\)](#)
- ▶ [Volunteer and Watershed Ambassador Ambient Water Quality](#)
- ▶ [Water Supply](#)
- ▶ [Whats New](#)

Welcome to the New Jersey Department of Environmental Protection's online reports portal, NJDEP Data Miner. Within you will find a variety of reports that will provide you with up to the minute results from many different environmental media and subjects. In order to provide flexibility, many of these reports require the user to enter some criteria, which will result in a customized document. NJDEP has reports on the following topics:

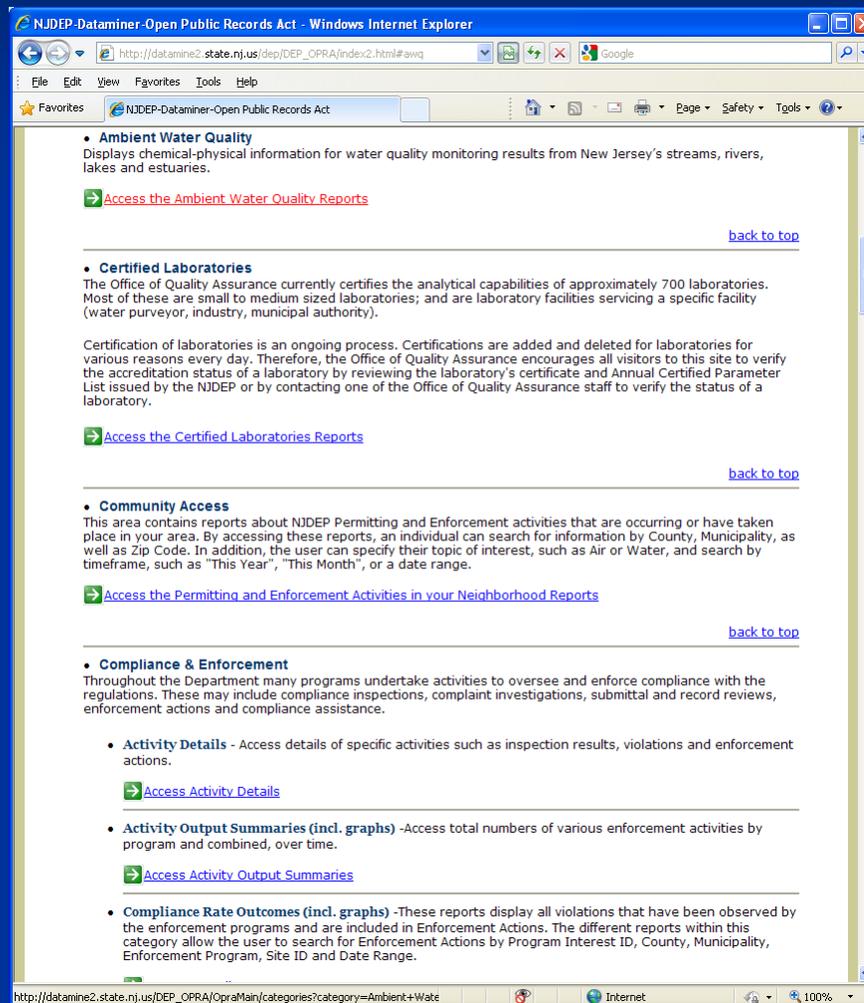
- **2008 Permit Extension Act**
This category contains reports related to the 2008 Permit Extension Act. The 2008 Permit Extension Act was signed into law on September 6, 2008 with the intent of offering economic relief to various segments of the New Jersey economy, particularly the real estate and construction sectors. The Act allowed for permit extensions of up to three and one half years assuming the criteria for inclusion is met.
[Access the 2008 Permit Extension Act Reports](#)

[back to top](#)

- **Air Quality Permitting and Reporting**
This area contains reports about Air Quality Permitting and Emission Statements:
 - The Air Quality Permitting Program is responsible for permitting and testing stationary sources of air pollution to ensure they do not adversely affect air quality. To accomplish this, the staff of the AQPP reviews air pollution control permit applications, evaluates air quality modeling and risk assessments, and audits stack emissions measurements.
 - Emission Statements are intended to help the state agencies in their reporting and analysis of emissions into the outdoor air. All emission estimates reported on Emission Statements will be used in tracking the State's progress toward meeting the mandatory emission reduction targets specified as a percentage.



Click Access Ambient Water Quality Reports



NJDEP-Datamine2-Open Public Records Act - Windows Internet Explorer

http://datamine2.state.nj.us/dep/DEP_OPRA/index2.html#awq

File Edit View Favorites Tools Help

Favorites NJDEP-Datamine2-Open Public Records Act

- **Ambient Water Quality**
Displays chemical-physical information for water quality monitoring results from New Jersey's streams, rivers, lakes and estuaries.
[Access the Ambient Water Quality Reports](#)
[back to top](#)
- **Certified Laboratories**
The Office of Quality Assurance currently certifies the analytical capabilities of approximately 700 laboratories. Most of these are small to medium sized laboratories; and are laboratory facilities servicing a specific facility (water purveyor, industry, municipal authority).
Certification of laboratories is an ongoing process. Certifications are added and deleted for laboratories for various reasons every day. Therefore, the Office of Quality Assurance encourages all visitors to this site to verify the accreditation status of a laboratory by reviewing the laboratory's certificate and Annual Certified Parameter List issued by the NJDEP or by contacting one of the Office of Quality Assurance staff to verify the status of a laboratory.
[Access the Certified Laboratories Reports](#)
[back to top](#)
- **Community Access**
This area contains reports about NJDEP Permitting and Enforcement activities that are occurring or have taken place in your area. By accessing these reports, an individual can search for information by County, Municipality, as well as Zip Code. In addition, the user can specify their topic of interest, such as Air or Water, and search by timeframe, such as "This Year", "This Month", or a date range.
[Access the Permitting and Enforcement Activities in your Neighborhood Reports](#)
[back to top](#)
- **Compliance & Enforcement**
Throughout the Department many programs undertake activities to oversee and enforce compliance with the regulations. These may include compliance inspections, complaint investigations, submittal and record reviews, enforcement actions and compliance assistance.
 - **Activity Details** - Access details of specific activities such as inspection results, violations and enforcement actions.
[Access Activity Details](#)
 - **Activity Output Summaries (incl. graphs)** -Access total numbers of various enforcement activities by program and combined, over time.
[Access Activity Output Summaries](#)
 - **Compliance Rate Outcomes (incl. graphs)** -These reports display all violations that have been observed by the enforcement programs and are included in Enforcement Actions. The different reports within this category allow the user to search for Enforcement Actions by Program Interest ID, County, Municipality, Enforcement Program, Site ID and Date Range.

http://datamine2.state.nj.us/DEP_OPRA/OpriMain/categories?category=Ambient+Wate



Last 3 are WQDE

NJDEP-OPRA category base - Windows Internet Explorer

http://datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=

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NJDEP-OPRA category base

njhome | my new jersey | people | business | government | departments

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

opra home | contact opra | njdep home

den
Data Miner

site search reports by category reports search help

Ambient Water Quality

- [Ambient Water Quality by County](#)
Displays Ambient Water Quality Monitoring results.
- [WQDE Chemical Results by Characteristics and Date Range](#)
Pick one or more characteristics and supply a date range. The system will return chemical results from NJDEP's ambient Water Quality Data Exchange (WQDE) system
- [WQDE Chemical Results by Submission ID](#)
Search for chemical results by the submission ID generated by the system at the time the data was uploaded to WQDE
- [WQDE Monitoring Locations](#)
Select one or more Organizations and see the Monitoring Locations associated with that Organization

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Last Updated: August 28, 2003

Useful for
making sure
your
submissions
got in
correctly



Chem Results by Characteristic and Date Range

NJDEP-OPRA prompt base - Windows Internet Explorer

http://datamine2.state.nj.us/DEP_OPRA/OptraMain/get_Jong_report?

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NJDEP-OPRA prompt base

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

opra home | contact optra | njdep home

site search reports by category reports search help

WQDE Chemical Results by Characteristics and Date Range

Earliest Date	<input type="text" value="01/01/2007"/>
Latest Date	<input type="text" value="01/01/2008"/>
Select one or More Characteristics (Press Ctrl-C to select multiple Characteristics)	<ul style="list-style-type: none">MercuryMethoxychlorMethyl bromideMethyl parathionMethyl tert-butyl etherMethylene chloride

OK CANCEL

Please be advised that the broader the search criteria, the longer the retrieval time.

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Multi Selects!



Results

NJDEP-OPRA report base page - Windows Internet Explorer

http://datamine2.state.nj.us/DEP_OPRA/OpraMain/get_long_report?

File Edit View Favorites Tools Help

Search: search

protection

opra home | contact opra | njdep home

site search reports by category reports search help

WQDE Chemical Results by Characteristics and Date Range

Run At: 09/21/10 07:15 PM

Monitoring Location Identifier	Activity Start Date	Activity Identifier	Activity Type Code	Activity Media Name	Sample Collection Method Identifier	Sample Colleciton Method Context	Sample Colleciton Method Name	Sample Collection Equipment Name	Characteristic Name	Result Sample Fraction Text	Result Measure Value	Res Uni
INTAKE	2/13/2007	INTAKE_070213s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	3/24/2007	INTAKE_070324s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	3/25/2007	INTAKE_070325s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	3/26/2007	INTAKE_070326s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	4/4/2007	INTAKE_070404Bs	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	5/15/2007	INTAKE_070515s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	8/7/2007	INTAKE_070807s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
INTAKE	11/13/2007	INTAKE_071113s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
MF-1	2/13/2007	MF-1_070213s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
MF-1	5/15/2007	MF-1_070515s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
MF-1	8/7/2007	MF-1_070807s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
MF-1	11/13/2007	MF-1_071113s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
NA	2/13/2007	NA_070213s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l
NA	5/15/2007	NA_070515s	Sample-Routine	Water	See QA Plan	NJDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l

Done

Internet 100%



Select All in Browser, Copy & Paste into Spreadsheet

Microsoft Excel - Book1

File Edit View Insert Format Tools Data Window Help Adobe PDF

Type a question for help

Monitoring Location Identifier

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Monitoring Location Identifier	Activity Start Date	Activity Identifier	Activity Type Code	Activity Media Name	Sample Collection Method Identifier	Sample Collection Method Identifier Context	Sample Collection Method Name	Sample Collection Equipment Name	Characteristic Name	Result Sample Fraction	Result Measure Value	Result Measure Unit	Result Measure Qualifier Code	Result Status Identifier	Result Value Type Name	Result Comment Text
2	BTMUA	Watershed	INTAKE	2/13/2007	INTAKE_070213s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
3	BTMUA	Watershed	INTAKE	3/24/2007	INTAKE_070324s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
4	BTMUA	Watershed	INTAKE	3/25/2007	INTAKE_070325s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
5	BTMUA	Watershed	INTAKE	3/26/2007	INTAKE_070326s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
6	BTMUA	Watershed	INTAKE	4/4/2007	INTAKE_070404s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
7	BTMUA	Watershed	INTAKE	5/15/2007	INTAKE_070515s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
8	BTMUA	Watershed	INTAKE	8/7/2007	INTAKE_070807s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
9	BTMUA	Watershed	INTAKE	1/13/2007	INTAKE_071113s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
10	BTMUA	Watershed	MF-1	2/13/2007	MF-1_070213s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
11	BTMUA	Watershed	MF-1	5/15/2007	MF-1_070515s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
12	BTMUA	Watershed	MF-1	8/7/2007	MF-1_070807s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
13	BTMUA	Watershed	MF-1	1/13/2007	MF-1_071113s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
14	BTMUA	Watershed	NA	2/13/2007	NA_070213s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
15	BTMUA	Watershed	NA	5/15/2007	NA_070515s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
16	BTMUA	Watershed	NA	8/7/2007	NA_070807s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final
17	BTMUA	Watershed	NA	1/13/2007	NA_071113s	Sample-Routine	Water	See QA Plan	NUDEP	See Project QA Plan	Miscellaneous (Other)	Mercury	Total	0.0002	mg/l	K	Final

Sheet1 / Sheet2 / Sheet3 /

Ready Sum=2354927.012 NUM



NJDEP Electronic Environmental (E2) Reporting System

<http://www.njdeponline.com/>

- An easy to use eSubmission tool within NJDEP Online
- Common data entry portal for WQDE and Volunteer Monitoring results
- Data entry via Web forms and batch file loading
- **Added Links to Reference Materials for Characteristics and User Guides**

Delete	View file	File Type	File Name	Size (bytes)
<input type="checkbox"/>		application/pdf	2009QAPPambients.pdf	212130
<input type="checkbox"/>		application/pdf	2008QAPPambients.pdf	221062



System Utilization

■ System Available to Public:

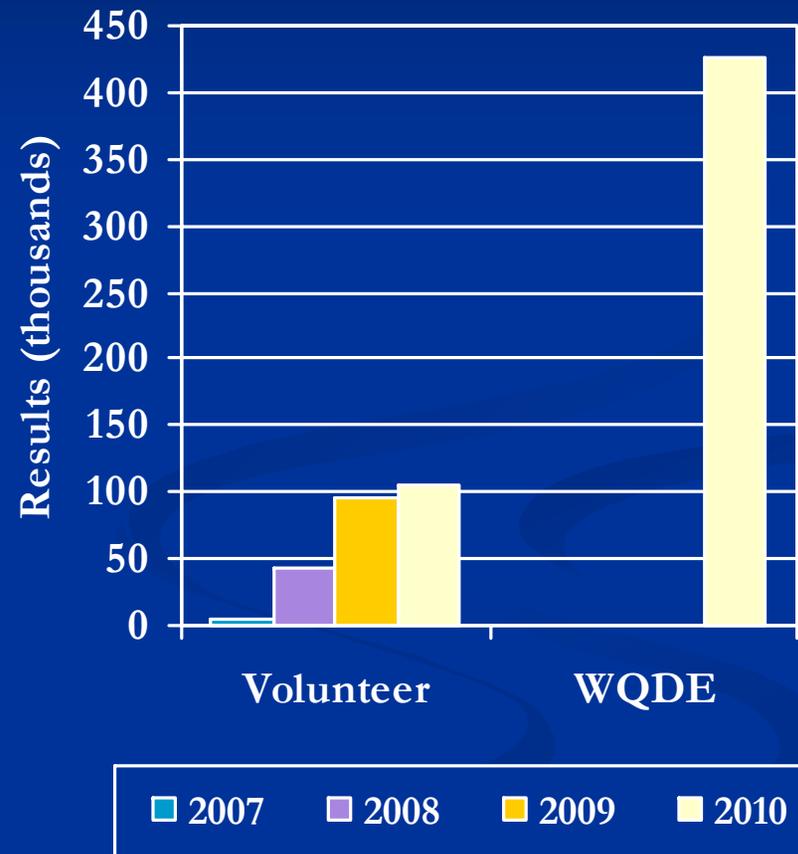
- Volunteer Module: 2007
- WQDE Module : 2010

■ Results

- > 425,000 WQDE Module
- > 104,000 Volunteer Module

■ Monitoring Locations

- >7,000 WQDE Module
- 1,400 Volunteer Module



Council Data Entered

- NJDEP Water Monitoring and Standards
- USEPA Region 2
- Delaware River Basin Commission
- Monmouth County Health Department
- Rutgers Cooperative Extension Service Water Resources Program
- NJ Harbor Dischargers Group
- Wallkill River Watershed Management Group



Volunteer Monitoring Community Tier “D”

- Crafts Creek/Spring Hill Brook Watershed Association
- Great Swamp Watershed Association (GSWA)
- Musconetcong Watershed Association
- Pequannock Watershed Association
- Pompeston Watershed Association
- So Br Raritan Watershed Association
- Stony Brook Millstone Watershed Association
- Upper Raritan Watershed Association
- New Jersey DEP Volunteer Monitoring Group



Next Steps

- Near Future
 - Enhance “Data In” to accept additional formats:
 - **Results in columns**, not rows
 - **Results with qualifiers** (<, >, etc.)
 - Further **consolidation** (sharing features) of Volunteer Monitoring and WQDE modules
 - **Deploy Business Objects server** to handle NJ-GeoWeb data queries to WQDE, STORET and NWIS (link between GeoWeg and WQDE)

- Long Term
 - **Migrate data** from Legacy and Modernized versions of STORET to WQDE for trends analysis
 - **Upgrade hardware at ECOS** to handle larger amounts of data through EN Browser



NJDEP Contact Information

NJDEP Water Monitoring & Standards

609-292-1623

- **Leslie McGeorge**, Administrator
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- **Paul Morton**
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- **Danielle Donkersloot**
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NJDEP Office of Information Resource Mgt

609-292-3211

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- **Mike Matsko**
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- **Lou Jacoby**
NJDEP NJ-GeoWeb
(lou.jacoby@dep.state.nj.us)



WQDE Screen Shots

Paul Morton

NJ Water Monitoring Council
Trenton, NJ
September 22, 2010

