



WATER RESOURCE MANAGEMENT

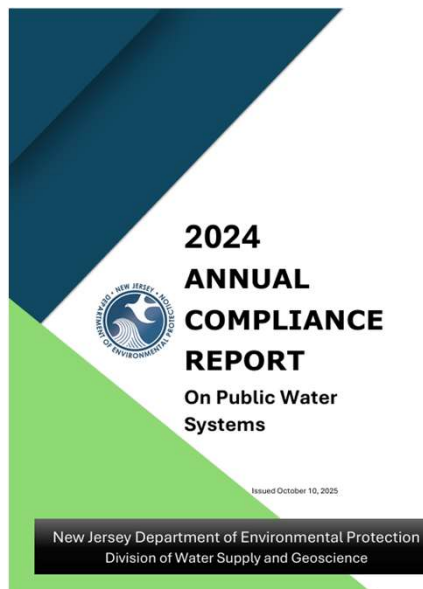
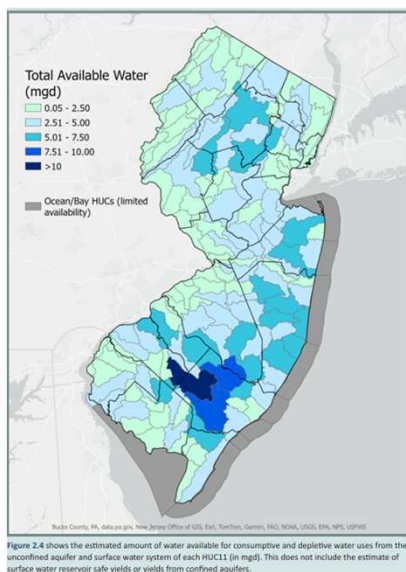
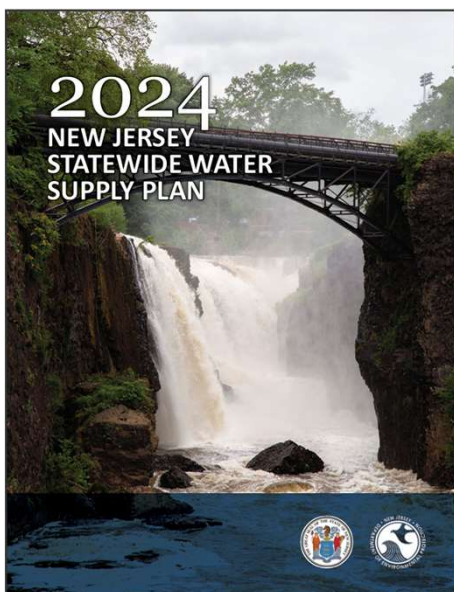
Drinking Water “101”

ANJEC Webinar June 9, 2026

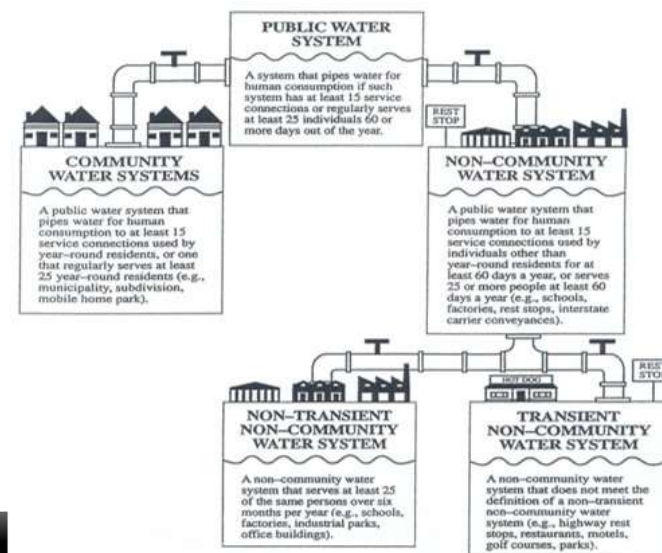


How does NJDEP Oversee Water Supply?

Quantity



Quality



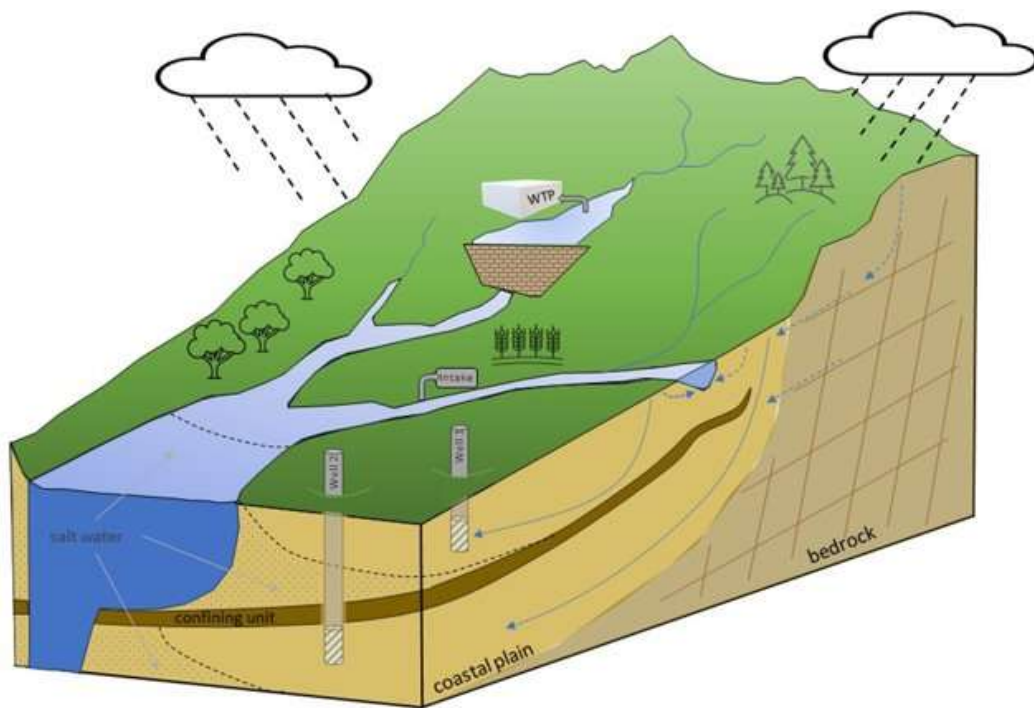
From: Public Notification Handbook for Public Water Systems, USEPA Office of Water, USEPA Publication 570/9-89-002 September 1989

Our Mission Statement

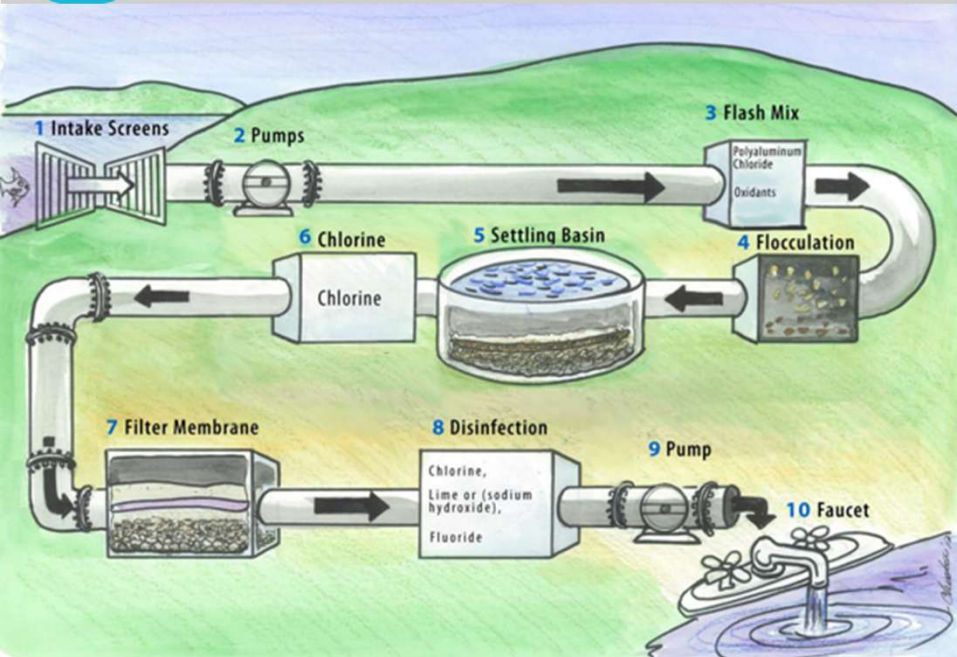
“The Division of Water Supply & Geoscience (DWSG) works to ensure New Jersey’s water supply is adequate, reliable, safe, and available for the future, based on sound science.”



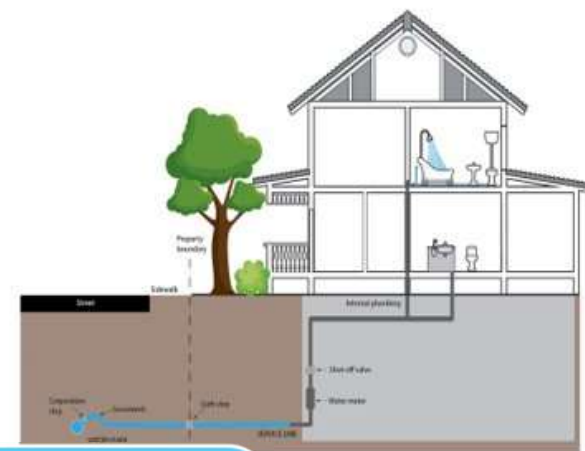
Where Does My Water Come From?



For Public Water System Customers



- Monitoring requirements for contaminants based on health risk, population, source water type.
- Public Notification issued based on contaminant type, and health risks.



Community Water Systems

Secondaries

Nontransient Noncommunity

PBCU
VOCS
RADS
IOC
DBP*
PFAS

Transient

RTCR/GWR

Nitrate



Regulated contaminants in Drinking Water

Federal and NJ State Primary and Secondary Drinking Water Standards as of June 2020

Volatile Organic Compounds		Inorganics		Synthetic Organic Compounds		Secondary Standards	
Contaminants	Maximum Contaminant Levels [MCL] (µg/l or ppb)	Contaminants	Maximum Contaminant Levels [MCL] (µg/l or ppb)	Contaminants	Maximum Contaminant Levels [MCL] (µg/l or ppb)	Physical Characteristics	Recommended Upper Limit or Optimum Range
Benzene	1* (5)	Antimony	2	Alcohol	2	Color	10 color units (standard cobalt scale)
Carbon Tetrachloride	2* (5)	Arsenic	5* (10)	Aldicarb	+	pH	6.5 to 8.5 (optimum range)
Chlorobenzene	50* (100)	Asbestos	7 x 10 ⁶ fibers/l >10 µm	Aldicarb Sulfone	+	Odor	3 Threshold odor number
1,2-Dichlorobenzene	600	Barium	2,000	Aldicarb Sulfoxide	+	Taste	No objectionable taste
1,3-Dichlorobenzene	600*	Beryllium	2,000	Atrazine	3		
1,4-Dichlorobenzene	75	Cadmium	5	Benzo(a)pyrene	0.2		
1,1-Dichloroethane	50*	Chromium	100	Carbofuran	40		
1,2-Dichloroethane	2* (5)	Copper	1,300**[AL]	Chlordane	0.5* (2)		
1,1-Dichloroethylene	2* (7)	Cyanide	200	Dalapon	200		
cis-1,2-Dichloroethylene	70	Fluoride	4,000	Dibromochloropropane [DBCP]	0.2		
trans-1,2-Dichloroethylene	100	Lead	15**[AL]	Di[2-ethylhexyl]adipate	400		
1,2-Dichloropropane	5	Mercury	2	Di[2-ethylhexyl]phthalate	6		
Ethylbenzene	700	Nickel	+	Dinoseb	7		
Methyl tertiary Butyl Ether	70*	Nitrate [as nitrogen]	10,000	Diquat	20		
Methylene Chloride	3*	Nitrite	1,000	Endothall	100		
Naphthalene	300*	[combined nitrate/nitrite]	10,000	Endrin	2		
Styrene	100	Selenium	50	Ethylene dibromide [EDB]	0.05		
1,1,2,2-Tetrachloroethane	1*	Thallium	2	Glyphosate	700		
Tetrachloroethylene	1* (5)	** An [AL] action level is not an MCL. It is a trigger point at which remedial action is to take place		Heptachlor	0.4		
Toluene	1,000	+ No MCL - Monitoring Required		Heptachlor Epoxide	0.2		
1,2,4-Trichlorobenzene	9* (70)	* N.J. MCL [A-280]		Hexachlorobenzene	1		
1,1,1-Trichloroethane	30* (200)	Disinfection Byproducts		Hexachlorocyclopentadiene	50		
1,1,2-Trichloroethane	3* (5)	Contaminants		Lindane (BHC-Gamma)	0.2		
Trichloroethylene	1* (5)	Maximum Contaminant Levels		Methoxychlor	40		
Vinyl Chloride	2	[MCL] µg/l or ppb (as running annual averages per group)		Oxamyl	200		
Xylenes [Total]	1,000* (10,000)	Dichlorobromomethane	80 (TTHM)	PCBs	0.5		
* N.J. MCL [A-280], () Federal standard, if applicable		Chlorodibromomethane	80 (TTHM)	Pentachlorophenol	1		
Radionuclides		Bromofrom	80 (TTHM)	Perfluorononanoic acid (PFNA)	0.013*		
		Chlorofrom	80 (TTHM)	Perfluorooctanoic acid (PFOA)	0.014*		
		Monochloroacetic acid	60 (HAAS)	Perfluorooctanoic sulfonic acid (PFOS)	0.013*		
		Dichloroacetic acid	60 (HAAS)	Picloram	500		
		Trichloroacetic acid	60 (HAAS)	Simazine	4		
		Bromoacetic acid	60 (HAAS)	Toxaphene	3		
		Dibromoacetic acid	60 (HAAS)	2,3,7,8-TCDD [Dioxin]	3x10 ⁻¹⁵		
		Bromate	10	2,4-D	70		
		Chlorite	1,000	2,4,5-TP [Silvex]	50		
Other Contaminants		TTHM- Trihalomethanes		1,2,3-Trichloropropane (1,2,3-TCP)	0.030*		
		HAAS- Haloacetic Acids		* N.J. MCL [A-280]			
		Bromate (only for treatment plants using ozone)		+ No MCL - Monitoring Required			
		Chlorite (only for treatment plants using chlorine dioxide), requires daily follow-up monitoring, not annual		() Federal standard, if applicable			
				Per- and Polyfluoroalkyl Substances (such as PFNA) are considered to be Synthetic Organic Compounds due to their chemical makeup, however, their regulatory framework follows that of Volatile Organic Compounds			



New Jersey Department of
Environmental Protection

Division of Water Supply and Geoscience

Bureau of Safe Drinking Water

For a detailed explanation of the Safe Drinking Water Program, refer to the Federal Safe Drinking Water Act regulations [40 CFR Parts 141, 142, 143] and the New Jersey Safe Drinking Water regulations [N.J.A.C. 7:10-1 et seq.].

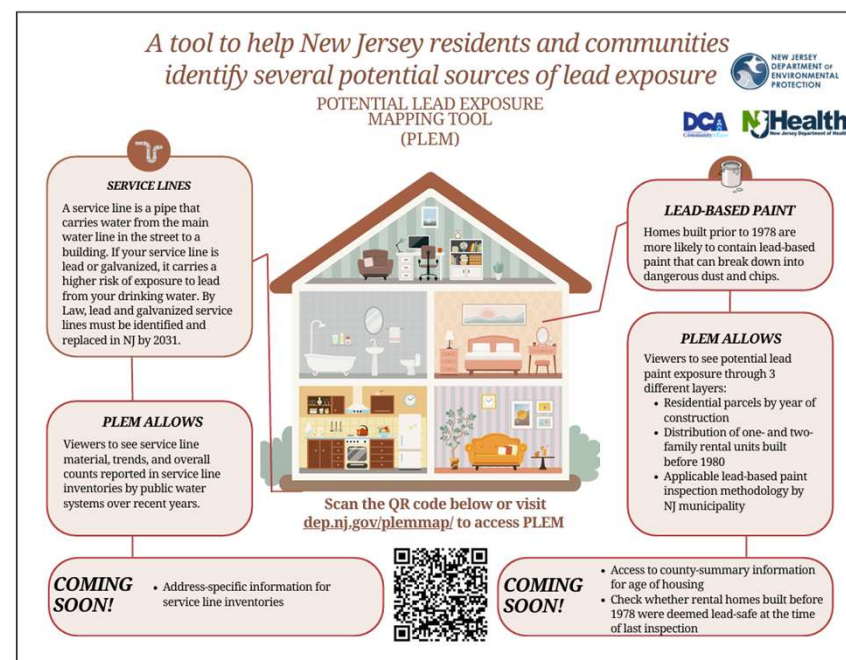


**NEW JERSEY
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**



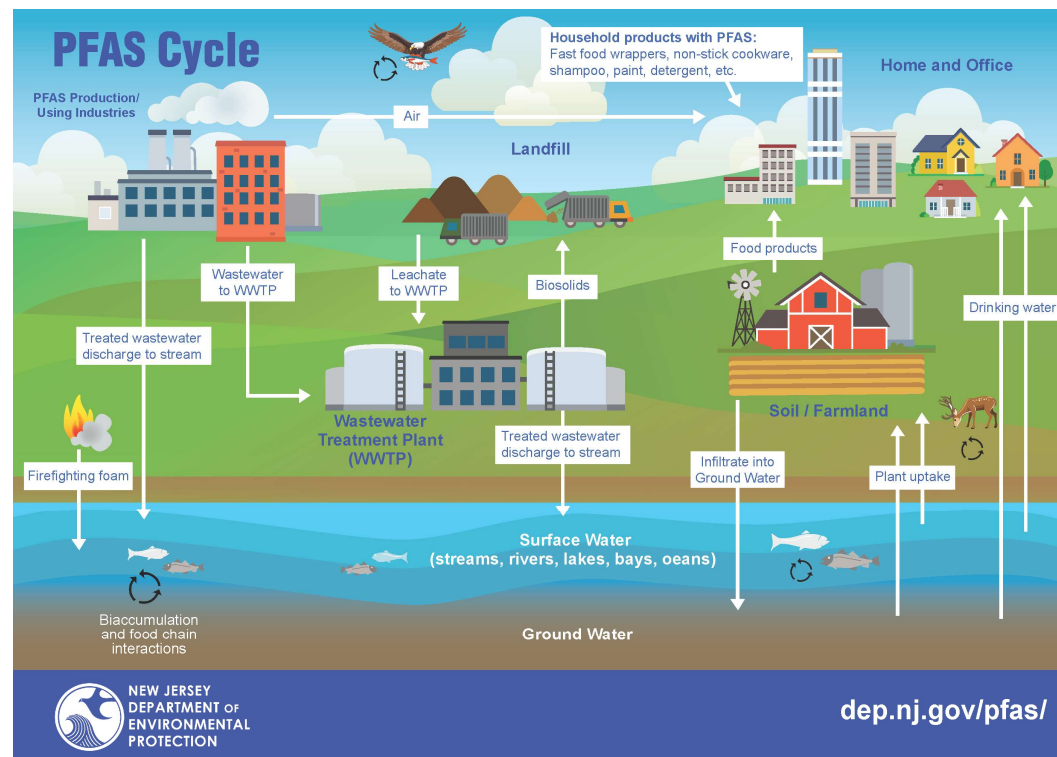
Lead in Drinking Water

- Lead service lines are the dominant source of lead in drinking water.
- Public water systems must monitor, and treat water to minimize risk of corrosion.
- Community Water systems must identify and replace all lead or galvanized service lines by 2031.
 - Replacement may have a cost share component for the homeowner, but the system must coordinate the replacement.
- Residents can use a number of strategies, such as flushing, using filters, removing other lead fixtures to reduce the risk of exposure.





- Often referred to as “Forever chemicals” due to environmental persistence.
- NJ was the first to establish a standard in drinking water (PFNA in 2019)
- In 2024, EPA established Federal standards for 6 PFAS.
- In 2026, EPA proposed extending compliance timeframe, and recission of 4 of the PFAS.
- NJDEP is evaluating EPA’s proposals.





How can I Learn About My Water Quality?

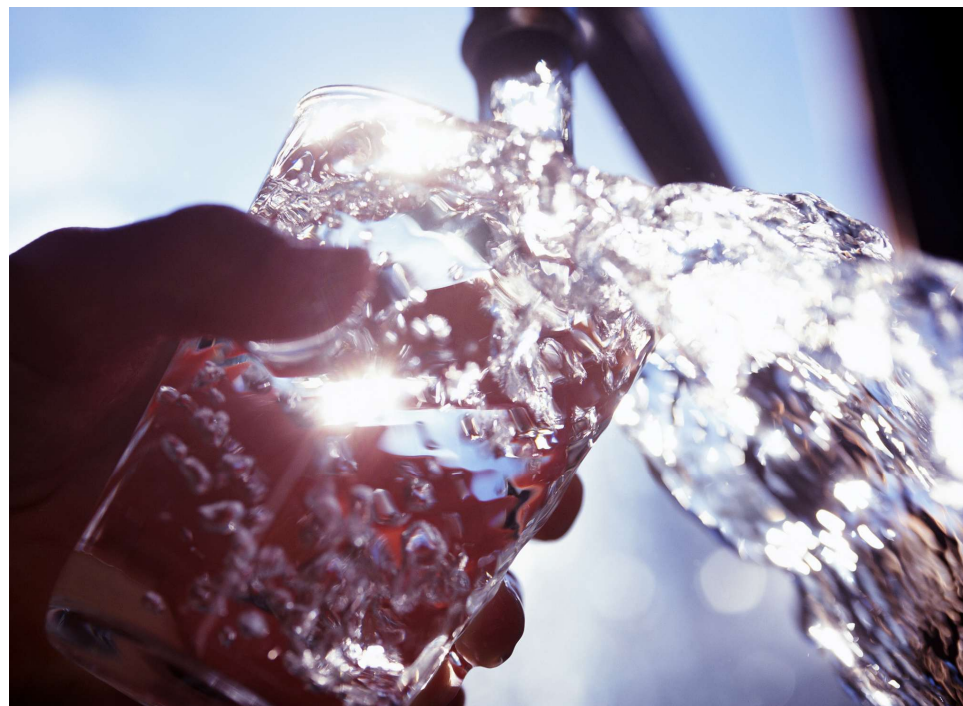
- Consumer Confidence Reports
 - A.k.a. Annual Drinking Water Quality Reports
- NJ Drinking Water Viewer
 - Shows near-live monitoring requirements, analytical results, violations
- Public Notification
 - Direct delivery to customers required for water quality violations.
- Contact your water system directly for specific questions.

The screenshot shows the 'DRINKING WATER VIEWER' interface from the NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION. It features a 'SEARCH HUB' section with a description of the tool's purpose. Below this is a search bar with a dropdown for 'Categories' set to 'All' and a 'Filter by Keywords' field. A row of search buttons includes 'Water Systems', 'Violations', 'Samples', 'Lead & Copper 90th Percentile', and 'Sample Schedules'. The 'Search for: Water Systems' section is expanded, showing a grid of search criteria: 'Water System Name', 'Water System ID', 'Water System Type', 'Primary Source Water Type', 'Service Type', 'Regulating Agency', 'Principal County/Parish Served', and 'Principal City Served'. Each criterion has a corresponding input field or dropdown menu. A 'Map' button is located next to the 'Principal County/Parish Served' dropdown. At the bottom of the search section are 'Reset' and 'Search' buttons. A 'Search Results' section is visible at the very bottom of the interface.



Should I buy an in-home water filter?

- NJDEP does not provide specific recommendations from individual manufacturers, but any filter should meet appropriate NSF standards.
- Using a filter as a customer of a public water system is a personal choice.
- Before purchasing, consider what objectives you want the filter to meet.
 - Simply addressing taste and odor issues?
 - Particular contaminants of concern?
 - What filter configuration do you want?
- **Maintain the treatment device in accordance with manufacturer's recommendations**





Considerations for Private Well Owners

You are your own
“water company”

- You are responsible for your well’s maintenance, testing.

Private Well Testing
Act

- Must be conducted during real estate transactions, or once every five years for leased properties

Only hire properly
licensed individuals
for work on the well
or pump

- NJDEP licenses well drillers and pump installers for technical expertise



Private Well Sampling Guidance

At least one time per year:

- Sample for Total Coliform bacteria
- Nitrate

At least once every five years:

- Volatile Organic Compounds
- Lead
- Synthetic Organic Compounds
- PFAS
- Iron
- Manganese

At least once:

- Arsenic*
- Mercury
- Gross Alpha
- Uranium

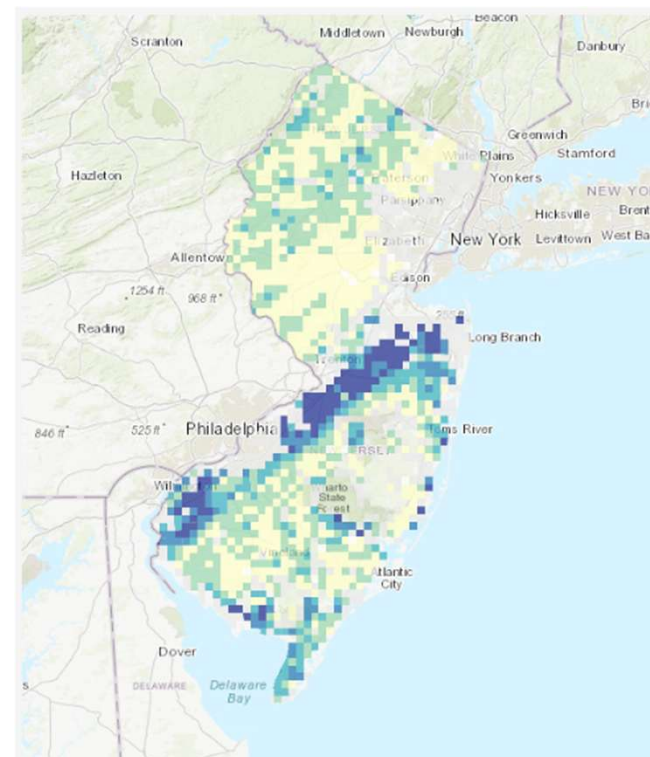


**THE ONLY WAY TO
KNOW THE QUALITY
OF YOUR PRIVATE
WELL WATER IS TO
TEST IT!**



What if my well exceeds a standard?

- Contact your local/county health department.
- Funding may be available if certain criteria are met
 - NJ Spill Fund
 - New Jersey Housing and Mortgage Finance Agency
- Consider what treatment may be appropriate given water quality conditions.





Useful Links

For public water system customers

- [Violations Reports](#)
- [Drinking Water Viewer](#)
 - [User Guide](#)
- [Lead in Drinking Water](#)
- [PFAS](#)
- [NJ Statewide Water Supply Plan](#)
- [NSF Certified Treatment Devices](#)

For Private Well Owners

- [Private Well Testing, Treatment Information](#)
- [Well Driller and Pump Installer Information](#)
- [Spill Fund Information](#)
- [NJHMFA Potable Water Loan Program](#)
- [Local Health Departments](#)

Contact

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<https://dep.nj.gov/watersupply/>



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