ANNUAL WATER QUALITY REPORT

Reporting Year 2025

Montclair

Presented By

Montclair Water Bureau

PWS ID#: 0713001

Landlords must distribute this information to every tenant as soon as practicable, but no later than three business days after receipt. Delivery must be done by hand, mail, or email, and by posting the information in a prominent location at the entrance of each rental premises, pursuant to section 3 of P.L. 2021, c. 82 (C.58:12A-12.4 et seq.)

Our Commitment

We are pleased to present to you this year's annual water quality report. This report is a snapshot of last year's water quality covering all testing performed between January 1 and December 31, 2025. Included are details about your sources of water, what it contains, and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and providing you with this information because informed customers are our best allies.

Where Does My Water Come From?

The Township of Montclair obtains its water from the North Jersey District Water Supply Commission (NJDWSC). The Township of Montclair is a partner in NJDWSC, which owns and operates the 29.6-billion-gallon Wanaque Reservoir and Treatment Plant and the 7-billion-gallon Monksville Reservoir. The water is received by the Township of Montclair through its Grove Street pumping station and is pumped throughout Montclair. The Montclair system also includes three municipal wells, one in each of the three pressure zones. Glenfield and Lorraine Wells will run in the spring and summer of 2026 with carbon absorbers. Rand Well will be updated with per- and polyfluoroalkyl substances (PFAS) treatment in the near future. No wells will operate without carbon treatment.

Safeguard Your Drinking Water

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain it to reduce leaching to water sources, or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use U.S. EPA's Adopt Your Watershed to locate groups in your community.
- Organize a storm drain stenciling project with others in your neighborhood. Stencil a message next to the street drain reminding people "Dump No Waste – Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Why We Test So Often

Drinking water is one of the most closely monitored resources in the United States. Water systems regularly test for bacteria, disinfectants, metals, organic chemicals, radioactive substances, and many other contaminants. Some tests are performed daily, while others are conducted weekly, monthly, quarterly, or annually, depending on regulatory requirements and system size. Microbiological testing for bacteria such as coliforms ensures that disinfection is working properly. Turbidity monitoring confirms effective filtration. Chemical testing verifies that treatment processes remain optimized. All certified laboratories must meet strict quality assurance requirements to ensure accurate results. When results approach regulatory limits, corrective actions are taken immediately.

Water Conservation Tips

You can play a role in conserving water and saving yourself money in the process by becoming conscious of the amount of water your household is using and by looking for ways to use less whenever you can. It is not hard to conserve water. Here are a few tips:

- Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

Questions?

For more information about this report, or for any questions relating to your drinking water, please call Michael Primavera, Director of Utilities, at (973) 744-4600.

Source Water Assessment

The Source Water Assessment Plan (SWAP) is a program of the New Jersey Department of Environmental Protection (NJDEP) for the study of existing and potential threats to the quality of public drinking water sources throughout the state. Sources are rated depending on their contaminant susceptibility.

NJDEP has completed and issued the source water assessment report and summary for this public water system, which is available at nj.gov/dep/watersupply/swap/index.html or by contacting the NJDEP Bureau of Safe Drinking Water at (609) 292-5550 or watersupply@dep.nj.gov.

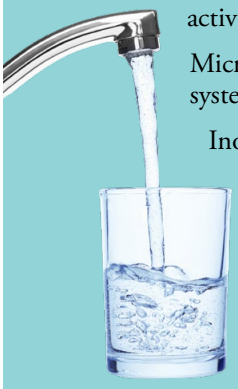
If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination of source water, not the existence of contamination. Public water systems are required to monitor for regulated contaminants and install treatment if any contaminants are detected at frequencies and concentrations above allowable levels. As a result of the assessments, NJDEP may customize (change existing) monitoring schedules based on the susceptibility ratings.

Source water protection is a long-term dedication to clean and safe drinking water. It is more cost-effective to prevent contamination than to address contamination after the fact. Every member of the community has an important role in source water protection. NJDEP recommends controlling activities and development around drinking water sources, whether through land acquisition, stormwater drain protection, or hazardous waste collection programs.

	Pathogens			Nutrients			Pesticides			Volatile Organic Compounds			Inorganics			Radionuclides			Radon			Disinfection Byproduct Precursors		
SOURCES	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Wells - 3		3			3				3	3			3			3			3				3	
GUDI - 0																								
Surface Water Intakes - 0																								
NJDWSC - 5	5			5				2	3		5		5					5			5	5		

Substances That Could Be in Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:



Microbial Contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;

Inorganic Contaminants, such as salts and metals, which can occur naturally in the soil or groundwater or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production and can also come from gas stations, urban stormwater runoff, and septic systems; and

Radioactive Contaminants, which can occur naturally or be the result of oil and gas production and mining activities.

For more information about contaminants and potential health effects, call the U.S. Environmental Protection Agency's (U.S. EPA) Safe Drinking Water Hotline at (800) 426-4791.

Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data is included, along with the year in which the sample was taken.

Call us at (973) 744-4600 to find out how to get your water tested for lead. Testing is essential because you cannot see, taste, or smell lead in drinking water.

We participated in the fifth stage of the U.S. EPA's Unregulated Contaminant Monitoring Rule (UCMR5) program by performing additional tests on our drinking water. UCMR5 sampling benefits the environment and public health by providing the U.S. EPA with data on the occurrence of contaminants suspected to be in drinking water to determine if it needs to introduce new regulatory standards to improve drinking water quality. Unregulated contaminant monitoring data is available to the public, so please feel free to contact us if you are interested in obtaining this information. If you would like more information on the U.S. EPA's Unregulated Contaminant Monitoring Rule, please call the Safe Drinking Water Hotline at (800) 426-4791.

Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants may be particularly at risk from infections. These people should seek advice about drinking water from their health-care providers. The U.S. EPA/Centers for Disease Control and Prevention (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791.

REGULATED SUBSTANCES [1]

				Montclair		North Jersey Water Supply Commission (NJDWSC)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Alkalinity (ppm)	2025	NA	NA	97	32–162	44	NA	No	NA
Alpha Emitters (pCi/L)	2022	15	0	11.1	NA	NA	NA	No	Erosion of natural deposits
Antimony (ppb)	2025	6	6	NA	NA	ND	NA	No	Discharge from petroleum refineries; Fire retardants; Ceramics; Electronics; Solder
Arsenic (ppb)	2023	5	0	1.99	1.56–2.42	NA	NA	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (ppm)	2023	2	2	0.315	0.285–0.345	0.0135[2]	ND–0.0135[2]	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chlorine (ppm)	2025	[4]	[4]	0.89	0.23–1.54	1.2	0.71–4.39	No	Water additive used to control microbes
Chromium (ppb)	2023	100	100	0.917	0.909–0.925	NA	NA	No	Discharge from steel and pulp mills; Erosion of natural deposits
Cryptosporidium (oocysts/L)	2016	TT	NA	NA	NA	ND–0.1	NA	No	Microbial pathogens found in surface water throughout the U.S.
Fluoride (ppm)	2023	4	4	ND	NA	NA	NA	No	Erosion of natural deposits; Water additive that promotes strong teeth; Discharge from fertilizer and aluminum factories
Giardia (cysts/L)	2016	TT	NA	NA	NA	0–0.4	NA	No	Microbial pathogens found in surface water throughout the U.S.
Gross Alpha Emitters (pCi/L)	2022	15	0	11.1	NA	NA	NA	No	Erosion of natural deposits
Haloacetic Acids [HAA5] (ppb)	2025	60	NA	33.5	24–43	23-32	NA	No	By-product of drinking water disinfection
Nitrate (ppm)	2025	10	10	2.65	2.47–2.83	0.192	NA	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

REGULATED SUBSTANCES[1]

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	Montclair AMOUNT DETECTED	Montclair RANGE LOW-HIGH	North Jersey Water Supply Commission (NJDWSC) AMOUNT DETECTED	North Jersey Water Supply Commission (NJDWSC) RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Perfluorononanoic Acid [PFNA] (ppt)	2025	13	NA	ND	NA	ND	NA	No	Discharge from industrial chemical factories
Perfluorooctanoic Acid [PFOA] (ppt)	2025	14	8	ND	NA	4.47	ND–4.47	No	Used in the production of Teflon, firefighting foams, cleaners, cosmetics, greases and lubricants, paints, polishes, adhesives, and photographic films
Selenium (ppb)	2023	50	50	2.79	2.3–3.27	NA	NA	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Total Coliform Bacteria (percent positive samples)	2025	<5% of monthly total sample	NA	0.00	NA	0.00	NA	No	Naturally present in the environment
Total Coliform Bacteria (positive samples)	2025	TT	NA	ND	NA	ND	NA	No	Naturally present in the environment
Total Organic Carbon [TOC] (percent removal)	2025	TT	NA	NA	NA	1.2[3]	31–51	No	Naturally present in the environment
Total Trihalomethanes [TTHMs] (ppb)	2025	80	NA	55.3	32.9–77.6	30-40	NA	No	By-product of drinking water disinfection
Turbidity (NTU)	2025	TT	NA	NA	NA	0.40[4]	NA	No	Soil runoff
Turbidity (lowest monthly percent of samples meeting limit)	2025	TT = 95% of samples meet the limit	NA	NA	NA	99.97	NA	No	Soil runoff
Uranium (ppb)	2024	30	0	NA	NA	ND[2]	NA	No	Erosion of natural deposits

Tap water samples were collected for lead and copper analyses from sample sites throughout the community

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	MCLG	Montclair AMOUNT DETECTED (90TH %ILE)	Montclair RANGE LOW-HIGH	Montclair SITES ABOVE AL/ TOTAL SITES	North Jersey Water Supply Commission (NJDWSC) AMOUNT DETECTED (90TH %ILE)	North Jersey Water Supply Commission (NJDWSC) RANGE LOW-HIGH	North Jersey Water Supply Commission (NJDWSC) SITES ABOVE AL/ TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2025	1.3	1.3	0.0732	ND–0.125	0/32	0.2340	0.0148–0.244	0/5	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (ppb)	2025	15	0	ND	ND–4.23	0/32	3.82	ND–4.87	0/5	No	Lead service lines; Corrosion of household plumbing systems including fittings and fixtures; Erosion of natural deposits

SECONDARY SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	RUL	MCLG	Montclair AMOUNT DETECTED	Montclair RANGE LOW-HIGH	North Jersey Water Supply Commission (NJDWSC) AMOUNT DETECTED	North Jersey Water Supply Commission (NJDWSC) RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
ABS/L.A.S. (ppm)	2023	500	NA	ND	NA	ND[2]	NA	No	Common major components of synthetic detergents
Aluminum (ppb)	2023	200	NA	ND	NA	18[2]	NA	No	Erosion of natural deposits; Residual from some surface water treatment processes
Chloride (ppm)	2023	250	NA	157	156–158	55.4[2]	NA	No	Runoff/leaching from natural deposits
Color (units)	2023	10	NA	ND	NA	2.0[2]	NA	No	Naturally occurring organic materials

SECONDARY SUBSTANCES

				Montclair		North Jersey Water Supply Commission (NJDWSC)			
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	RUL	MCLG	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2025	1.0	NA	0.0086	0.00466–0.0125	0.2340	0.0148–0.244	No	Corrosion of household plumbing systems; Erosion of natural deposits
Corrosivity (units)	2023	Non-corrosive	NA	0.55	-0.074–-0.035	NA	NA	No	Natural or industrially influenced balance of hydrogen, carbon, and oxygen affected by temperature and other factors
Hardness [as CaCO3] (ppm)	2023	250	NA	350	342–360	42[2]	NA	No	Naturally occurring
Iron (ppb)	2025	300	NA	ND	NA	ND	NA	No	Leaching from natural deposits; Industrial wastes
Manganese (ppb)	2025	50	NA	ND	NA	4.7	NA	No	Leaching from natural deposits
Odor (TON)	2023	3	NA	1.5	1–2	ND–8[2]	ND–8[2]	No	Naturally occurring organic materials
pH (units)	2025	6.5–8.5	NA	7.57	7.12–8.02	7.78	6.5–8.5	No	Naturally occurring
Sodium (ppm)	2023	50	NA	34	33.5–34.4	34.7[2]	NA	No	Naturally occurring
Sulfate (ppm)	2023	250	NA	24.2	21.8–26.6	6.99[2]	NA	No	Runoff/leaching from natural deposits; Industrial wastes
Total Dissolved Solids (ppm)	2023	500	NA	547	539–555	170[2]	NA	No	Runoff/leaching from natural deposits
Zinc (ppm)	2023	5	NA	ND	NA	ND[2]	NA	No	Runoff/leaching from natural deposits; Industrial wastes

UNREGULATED SUBSTANCES

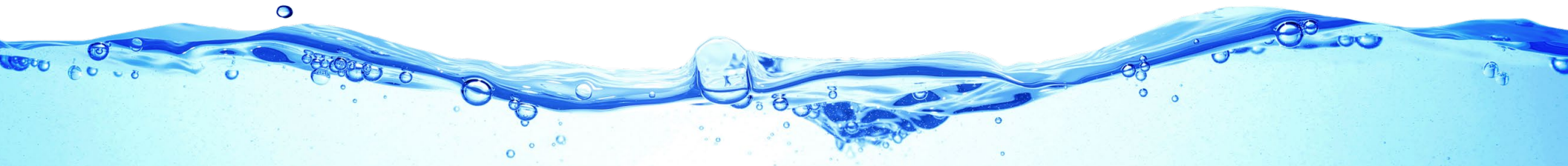
		Montclair		North Jersey Water Supply Commission (NJDWSC)		
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid [11Cl-PF3OUdS] (ppb)	2025	ND	NA	ND	NA	Used as a solvent, food additive, and in production of other chemicals
Perfluorobutanesulfonic Acid [PFBS] (ppb)	2025	0.0022	ND–0.0025	ND	NA	By-product of drinking water disinfection
Perfluorobutanoic Acid [PFBA] (ppb)	2025	ND	NA	NA	NA	By-product of drinking water disinfection
Perfluorodecanoic Acid [PFDA] (ppb)	2025	ND	NA	ND	NA	Naturally occurring element; Commercially available in combination with other elements and minerals; Used in steel production, fertilizer, batteries, and fireworks; Drinking water and wastewater treatment chemical; Essential nutrient

[1] Under a waiver granted on December 30, 1998, by the NJDEP, our system does not have to monitor for synthetic organic chemicals or pesticides because several years of testing have indicated that these substances do not occur in our source water. The New Jersey Safe Drinking Water Act (SDWA) regulations allow monitoring waivers to reduce or eliminate the monitoring requirements for asbestos, volatile organic chemicals, and synthetic organic chemicals. Our system received monitoring waivers for synthetic organic chemicals and asbestos.

[2] Sampled in 2025.

[3] The value reported under Amount Detected for TOC is the lowest ratio of percentage of TOC actually removed to the percentage of TOC required to be removed. A value of greater than 1 indicates that the water system is in compliance with TOC removal requirements. A value of less than 1 indicates a violation of the TOC removal requirements.

[4] Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. The turbidity rule requires that 95% or more of the monthly samples must be less than or equal to 0.3 NTU (no sample may exceed 1 NTU).



Why Save Water?

Although 80% of the Earth's surface is water, only 1% is suitable for drinking. The rest is either salt water or is permanently frozen, and we can't drink it, wash with it, or use it to water plants.

Lead in Home Plumbing

Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing you tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have it tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or epa.gov/safewater/lead.

To address lead in drinking water, public water systems were required to develop and maintain an inventory of service line materials by October 16, 2024. Developing an inventory and identifying the location of lead service lines (LSL) is the first step for beginning LSL replacement and protecting public health. The lead service line inventory may be accessed at montclairnjusa.org. Please contact us if you would like more information about the inventory or any lead sampling that has been done.

Definitions

90th %ile: The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Herbicide: Any chemical(s) used to control undesirable vegetation.

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NA: Not applicable.

ND (Not detected): Indicates that the substance was not found by laboratory analysis.

NTU (Nephelometric Turbidity Units): Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

pCi/L (picocuries per liter): A measure of radioactivity.

Pesticide: Generally, any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

ppt (parts per trillion): One part substance per trillion parts water (or nanograms per liter).

RUL (Recommended Upper Limit): These standards are developed to protect aesthetic qualities of drinking water and are not health based.

TON (Threshold Odor Number): A measure of odor in water.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.