

The New Jersey Department of Environmental Protection (NJDEP) has completed and issued the Source Water Assessment Report and Summary for this public water system, which is available at <http://www.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 contamination category, it does not mean a customer is - or will be - consuming contaminated water. The rating reflects the Potential for contamination of a source water, not the existence of contamination. Public water systems are required to monitor for regulated contaminants and to install treatment if any of those contaminants are detected at frequencies and concentrations above allowable levels. The source water assessments performed on the intakes for each system listed in the table (above/below) the susceptibility ratings for a variety of contaminants that may be present in source waters

Source Water Assessment and Intake Susceptibility Ratings								
Sources	Pathogens	Nutrients	Pesticides	Volatile Organic Compounds	Inorganic Contaminants	Radionuclides	Radon	Disinfection Byproduct Precursors
PVWC Surface Water (4 intakes)	4-High	4-High	1-Medium 3-Low	4-Medium	4-High	4-Low	4-Low	4-High
NJDWSC (5 intakes)	5-High	5-High	2-Medium 3-Low	5-Medium	5-High	5-Low	5-Low	5-High

A Note to People with Special Health Concerns

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 can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to reduce the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

2021 Water Quality Results -- Table of Detected Contaminants

System Name PWSID: NJ						
Regulated Contaminant (units)	Goal (MCLG)	Highest Level Allowed (MCL)	PVWC Little Falls-WTP PWSID: NJ1605002	NJDWSC Wanaque-WTP PWSID: NJ1613001	Source of Substance	Violation
Treated Drinking Water at Treatment Plant						
Inorganic Contaminants						
Barium (ppm)	2	2	0.023 (0.014-0.023)	0.0095	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	No
Nickel (ppb)	N/A	N/A	2.8 (1.48-2.8)		Erosion of Natural Deposits	No
Nitrate (ppm)	10	10	1.06 (0.51-1.68)	0.26	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	No
Perfluorinated Compounds						
Perfluorooctanesulfonic acid [PFOS] (ppt)	0	13*	4.86 <i>highest running annual average</i> (3.4-6.6)	2.84**	Metal plating and finishing, discharge from industrial facilities, aqueous film-forming (firefighting) foam	No
Perfluorooctanoic acid [PFOA] (ppt)	0	14*	7.9 <i>highest running annual average</i> (5.5-11)	3.6**	Metal plating and finishing, discharge from industrial facilities, aqueous film-forming (firefighting) foam	No
<small>*MCL created by the state of New Jersey. Currently there is no Federal MCL for perfluorinated compounds. **These values taken from NJ Drinking Water Watch.</small>						
Disinfection ByProducts (DBPs)						
Bromate (ppm)	N/A	10	0.94 <i>highest running annual average</i> (<5.0-16.17)		By-product of drinking water disinfection	No
Treatment Technique (TT) Monitoring						
Turbidity (NTU)	N/A	TT =1	Highest Level Detected = 0.275 (0.029-0.275)	Highest Level Detected = 0.5 (0.01-0.5)	Soil run-off	No
	N/A	TT = % of samples <0.3 NTU (min 95%)	Lowest Monthly % of Samples meeting Turbidity Limits = 100%	Lowest Monthly % of Samples meeting Turbidity Limits = 99.99%		
<small>Turbidity is a measure of the cloudiness of the water and is monitored as an indicator of water quality. High turbidity can limit the effectiveness of disinfectants.</small>						
Total Organic Carbon (%)	N/A	TT = % Removal or Removal Ratio	51-82 (Achieved) Required: 25-50	Running Annual Average (RAA): 1.1 % Removal Range: 33-48 Removal Ratio Range: 0.9-1.4	Naturally present in the environment	No

2021 Water Quality Results - Table of Detected Secondary Contaminants

System Name PWSID: NJ

Contaminant (units)	NJ Recommended Upper Limit (RUL)	PVWC Little Falls-WTP PWSID: NJ1605002		NJDWSC Wanaque-WTP PWSID: NJ1613001	
		Range of Results	RUL Achieved	Result	RUL Achieved
Alkylbenzene Sulfonate [ABS]/ Linear Alkylbenzene Sulfonate [LAS] (ppb)	500	25-90	Yes	<50	Yes
Alkalinity (ppm)	N/A	45-67.5	N/A	49.6	N/A
Aluminum (ppb)	200	15.1-43.7	Yes	38.1	Yes
Chloride (ppm)	250	89.71-100.7	Yes	51.2	Yes
Color (CU)	<10	<5	Yes	2	Yes
Copper (ppm)	<1	0.68-1.06	No	0.013	Yes
Corrosivity (ppm)	non-corrosive	-0.41-0.3	No		
Hardness, CaCO ₃ (ppm)	250	86-148	Yes	52	Yes
Manganese (ppb)	50	2.69-17.97	Yes	3.7	Yes
Odor (Threshold Odor Number)	3	1-20	No	<1.00	Yes
pH	6.5 to 8.5 (optimum range)	8.03-8.58	No	7.98	Yes
Sodium (ppm)	50	42.33-96.5	No*	29.4	Yes
Sulfate (ppm)	250	42.1-55.6	Yes	7.78	Yes
Total Dissolved Solids (ppm)	500	279.5-354.5	Yes	170	Yes
Zinc (ppb)	5000	1.04-5.06	Yes	<10	Yes

**PVWC's finished water was above New Jersey's Recommended Upper Limit (RUL). Possible sources of sodium include natural soil runoff, roadway salt runoff, upstream wastewater treatment plants, and a contribution coming from chemicals used in the water treatment process. For healthy individuals, the sodium intake from water is not important, because a much greater intake of sodium takes place from salt in the diet. However, sodium levels above the recommended upper limit may be a concern to individuals on a sodium restricted diet.*

Totowa Boro Water Dept. NJ 1612001 2021 Water Quality Data

PRIMARY CONTAMINANTS	Compliance Achieved	MCLG	MCL	DISTRIBUTION SYSTEM RESULTS	
					TYPICAL SOURCE
MICROBIOLOGICAL CONTAMINANTS				Highest Monthly Result	
Total Coliform Bacteria, %	N/A	N/A	5% of monthly samples are positive	0%	Naturally present in the environment.
DISINFECTION BYPRODUCTS				Highest LRAA and Range of Results	
Haloacetic Acids (HAA5), ppb	Yes	N/A	60	.021MG/L .008MG/L--0.33MG/L	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM), ppb	Yes	N/A	80	.045MG/L .024MG/L--0.059MG/L	By-product of drinking water disinfection.
DISINFECTANTS				Highest RAA and Range of Results	
Chlorine,ppm	Yes	4	4	1.00MG/L 0.70MG/L--1.20MG/L	Water additive used to control microbes.
COPPER AND LEAD				90TH PERCENTILE	
Lead (ppm)	Yes	N/A	0.5	0.00367MG/L	Corrosion of household plumbing systems
Copper (ppm)	Yes	N/A	1.8	0.11029MG/L	Corrosion of household plumbing systems