



New Jersey Private Well Testing Act (PWTA) 2024

Effective as of 03/09/2024

Background Information from the NJDEP

In March 2001, the New Jersey Private Well Testing Act (PWTA)¹ was signed into law, and its regulations became effective in September 2002. Through a rule published in the New Jersey Register on September 4, 2018, the New Jersey Department of Environmental Protection (NJDEP) amended the PWTA rules and expanded testing for gross alpha and arsenic, and required new testing for uranium for private wells. On March 3, 2019, the amendment also required 1,2,3-trichloropropane (1,2,3-TCP), ethylene dibromide (EDB) and 1,2-dibromo-3-chloropropane (DBCP) testing. On December 1, 2021 the act is being amended to add PFAS compounds (PFNA, PFOS, and PFOA).

The PWTA is specific to New Jersey and is a consumer information law that requires sellers, buyers and lessors of properties with wells to test the untreated groundwater for a variety of water quality parameters, including over 30 parameters of human health concern. Sellers and buyers are required to review the test results prior to closing of title. Landlords are required to test their well water once every five years and provide a copy of the test results to each tenant. The test data is submitted electronically by EMSL Analytical, Inc. to the NJDEP for statewide analysis of groundwater quality.

Test Options

The PWTA program is designed for well water testing by county and can be applied to other drinking water sources.

TESTS	METHOD	HOLD-TIME
pH (Field Sampling)	SM 4500-H B	Analyze Immediately – 15 minutes
Total Coliform & <i>E. coli</i>	SM 9223B	30 Hours from time of collection
Iron	EPA 200.7	6 Months
Lead, Arsenic & Manganese	EPA 200.8	6 Months
Mercury	EPA 245.1	28 Days
Nitrate	EPA 300.0	48 Hours from time of collection
Gross Alpha	NJ Rapid Gross Alpha Method	36 – 48 Hours from time of collection
Total Uranium	EPA 200.8	6 Months
Volatile Organic Compounds (VOCs)	EPA 524.2	14 Days
1,2,3 – TCP, EDB, DBCP (SOCs)	EPA 504.1	14 Days extract – 24 Hours analysis
PFAS (PFNA, PFOS, PFOA)	EPA 537.1	14 Days extract – 28 Days analysis
Analysis includes EMSL submission to NJDEP via the E2 State Reporting System as required.		



1st Sampling Event \$1,149 per well

EMSL Analytical, Inc. provides a certified sampler, laboratory testing, and New Jersey E2 State Reporting. This is all included for a flat fee of **\$1,149** per well.

Tests Included ²:

- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Gross Alpha
- ◆ Total Uranium
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese
- ◆ PFAS (PFNA, PFOS, PFOA)

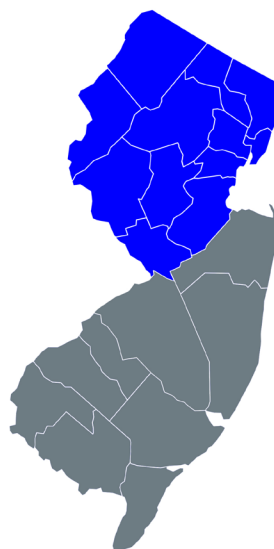
Turnaround:

- ◆ 1 Week Standard

Package C

Private Well Testing Act (PWTA) New Jersey **Northern Counties**

Bergen, Essex, Hudson, Hunterdon, Mercer, Middlesex, Morris, Passaic, Somerset, Sussex, Union, and Warren



Additional Sampling Events \$183 per well

Any additional re-sampling events will cost **\$183** per well plus the cost of analysis listed on page 6.

The charges will re-apply with each visit by the sampler (ie. 3rd re-sampling event, 4th re-sampling event, etc.).

A certified sampler and laboratory testing included.

Turnaround:

- ◆ Test Dependent



PFAS Only \$480 per well

Optional Post Treatment Package +\$580 per well

To round out your post treatment test results, request this add-on package for an additional **\$580** per well (**\$1,729** total)

- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ PFAS (PFNA, PFOS, PFOA)





1st Sampling Event \$1,149 per well

EMSL Analytical, Inc. provides a certified sampler, laboratory testing, and New Jersey E2 State Reporting. This is all included for a flat fee of **\$1,149** per well.

Tests Included ²:

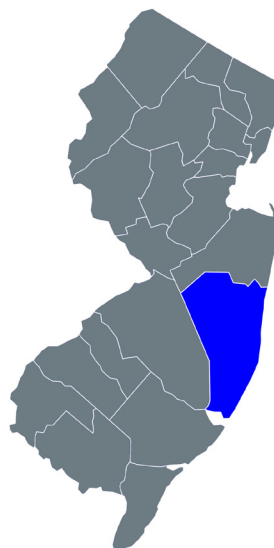
- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Mercury
- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese
- ◆ PFAS (PFNA, PFOS, PFOA)

Turnaround:

- ◆ 1 Week Standard

Package A

Private Well Testing Act (PWTA)
New Jersey **Ocean County**



Additional Sampling Events \$115 per well

Any additional re-sampling events will cost **\$115** per well plus the cost of analysis listed on page 6.

The charges will re-apply with each visit by the sampler (ie. 3rd re-sampling event, 4th re-sampling event, etc.).

A certified sampler and laboratory testing included.

Turnaround:

- ◆ Test Dependent



PFAS Only \$480 per well

Optional Post Treatment Package +\$580 per well

To round out your post treatment test results, request this add-on package for an additional **\$580** per well (**\$1,729** total)

- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ PFAS (PFNA, PFOS, PFOA)

Note: Fees include Ocean County Health Department reporting requirements.





1st Sampling Event \$1,149 per well

EMSL Analytical, Inc. provides a certified sampler, laboratory testing, and New Jersey E2 State Reporting. This is all included for a flat fee of **\$1,149** per well.

Tests Included ²:

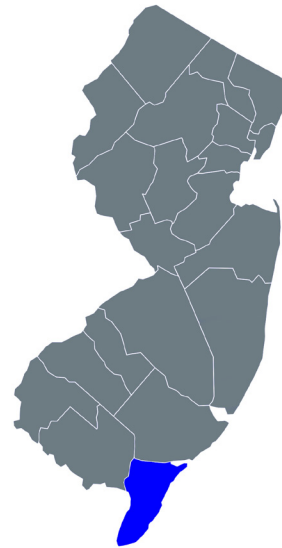
- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Mercury
- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese
- ◆ PFAS (PFNA, PFOS, PFOA)

Turnaround:

- ◆ 1 Week Standard

Package A

Private Well Testing Act (PwTA)
New Jersey **Cape May County**



Additional Sampling Events \$183 per well

Any additional re-sampling events will cost **\$183** per well plus the cost of analysis listed on page 6.

The charges will re-apply with each visit by the sampler (ie. 3rd re-sampling event, 4th re-sampling event, etc.).

A certified sampler and laboratory testing included.

Turnaround:

- ◆ Test Dependent

See Page 6
for 3-day
options.

PFAS Only \$480 per well

Optional Post Treatment Package +\$580 per well

To round out your post treatment test results, request this add-on package for an additional **\$580** per well (**\$1,729** total)

- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ PFAS (PFNA, PFOS, PFOA)





1st Sampling Event \$939 per well

EMSL Analytical, Inc. provides a certified sampler, laboratory testing, and New Jersey E2 State Reporting. This is all included for a flat fee of **\$939** per well.

Tests Included ²:

- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Mercury
- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese
- ◆ PFAS (PFNA, PFOS, PFOA)

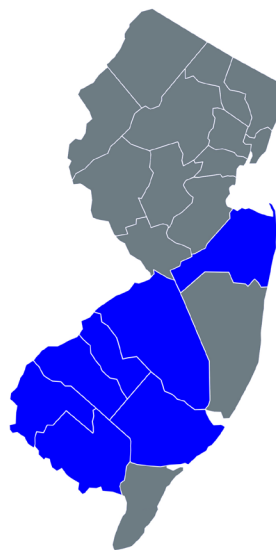
Turnaround:

- ◆ 1 Week Standard

Package A

Private Well Testing Act (PWTA) New Jersey **Southern Counties**

Atlantic, Burlington, Camden, Cumberland, Gloucester, Salem, and Monmouth



Additional Sampling Events \$115 per well

Any additional re-sampling events will cost **\$115** per well plus the cost of analysis listed on page 6.

The charges will re-apply with each visit by the sampler (ie. 3rd re-sampling event, 4th re-sampling event, etc.).

A certified sampler and laboratory testing included.

Turnaround:

- ◆ Test Dependent



PFAS Only \$480 per well

Optional Post Treatment Package +\$580 per well

To round out your post treatment test results, request this add-on package for an additional **\$580** per well (**\$1,519** total)

- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ PFAS (PFNA, PFOS, PFOA)





	Cost Per Test Package			
PWTA Packages by Region	3 Days	1 Week		
New Jersey Northern Counties	\$1,463	\$1,149		
New Jersey Ocean County	\$1,463	\$1,149		
New Jersey Cape May County	\$1,463	\$1,149		
New Jersey Southern Counties	\$1,254	\$939		
	Cost Per Test			
Test(s)	3 Days	1 Week		
pH	\$17	N/A		
Total Coliform and <i>E. coli</i>	\$72	N/A		
Iron	\$88	\$63		
Lead	\$88	\$67		
Arsenic	\$88	\$67		
Manganese	\$88	\$67		
Mercury	\$134	\$107		
Hardness	\$94	\$80		
Nitrate	\$85	N/A		
Gross Alpha	\$94	N/A		
Total Uranium	\$88	\$63		
Volatile Organic Compounds (VOCs)	\$498	\$306		
1,2,3 – TCP, EDB, DBCP (SOCs)	\$290	\$192		
PFAS (PFNA, PFOS, PFOA)	\$728	\$480		
Radon in Water	\$72	\$65		
Total Dissolved Solids	\$99	\$64		
	Cost Per Test			
Test(s)				4 Weeks
Radium-226				\$199
Radium-228				\$199
	Cost Per Test Package			
Test Package	3 Days	1 Week		
Copper, Nickel, Zinc	\$112	\$87		
Antimony, Barium, Beryllium, Cadmium, Selenium, Thallium	\$148	\$123		
Anions – Fluoride, Chloride, Nitrate, Nitrite, Bromide, Ortho-Phosphate as P, Sulfate	\$421	\$264		
Cyanide	\$196	\$134		
	Cost Per Test Package			
Test Packages			2 Weeks	
Biologicals – <i>Legionella</i> (M343) and <i>Cryptosporidium</i> and <i>Giardia</i> (M640)			\$1,044	
	Cost Per Test Package			
Test Packages				4 Weeks
Total Uranium, Gross Alpha, Radium-226, and Radium-228				\$555





Reference Links

¹New Jersey Division of Science, Research and Technology; The New Jersey Private Well Testing Act: An Overview; April, 2009; <https://www.nj.gov/dep/dsr/research/pwta-overview.pdf>

NJ PWTA Homepage: https://www.state.nj.us/dep/watersupply/pw_pwta.html

²NJ PWTA link to required tests by county: https://www.state.nj.us/dep/watersupply/pwta/pwta_list.htm

NJ PWTA Frequently Asked Questions Page: https://www.state.nj.us/dep/watersupply/pwta/pwta_faq.htm

