



New Jersey Private Well Testing Act (PWTA) 2021

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.

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
Analysis includes EMSL submission to NJDEP via the E2 State Reporting System as required.		



1st Sampling Event \$765 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 **\$765** per well.

Tests Included ²:

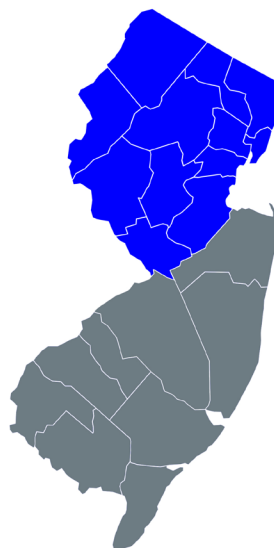
- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Gross Alpha
- ◆ Total Uranium
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese

Turnaround:

- ◆ 1 Week Standard

Private Well Testing Act (PWTa) New Jersey Northern Counties

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



2nd Sampling Event \$140 per well

If any of the tests do not meet their respective maximum contamination levels (MCLs) established by the NJ PWTa, EMSL Analytical, Inc. will re-sample all tests a second time for a flat fee of **\$140** per well.

A certified sampler and laboratory testing will be included at no additional cost.

Turnaround:

- ◆ Test Dependent

Additional Sampling Events \$140 per well +\$65 per test

Any additional re-sampling events will cost **\$140** per well plus **\$65** per each test.

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 will be included at no additional cost.

Turnaround:

- ◆ Test Dependent





1st Sampling Event \$815 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 **\$815** per well.

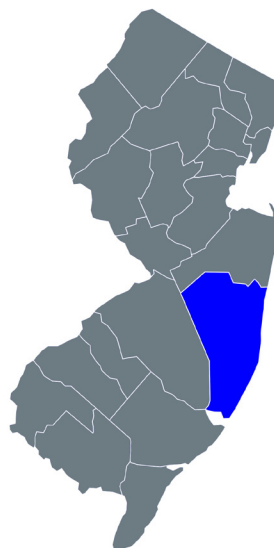
Tests Included ²:

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

Turnaround:

- ◆ 1 Week Standard

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



2nd Sampling Event \$85 per well

If any of the tests do not meet their respective maximum contamination levels (MCLs) established by the NJ PWTa, EMSL Analytical, Inc. will re-sample all tests a second time for a flat fee of **\$85** per well.

A certified sampler and laboratory testing will be included at no additional cost.

Turnaround:

- ◆ Test Dependent

Additional Sampling Events \$85 per well +\$65 per test

Any additional re-sampling events will cost **\$85** per well plus **\$65** per each test.

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 will be included at no additional cost.

Turnaround:

- ◆ Test Dependent

Note: Fees include Ocean County Health Department reporting requirements.





1st Sampling Event \$815 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 **\$815** per well.

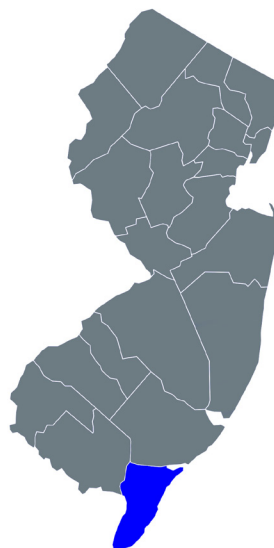
Tests Included ²:

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

Turnaround:

- ◆ 1 Week Standard

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



2nd Sampling Event \$140 per well

If any of the tests do not meet their respective maximum contamination levels (MCLs) established by the NJ PWTa, EMSL Analytical, Inc. will re-sample all tests a second time for a flat fee of **\$140** per well.

A certified sampler and laboratory testing will be included at no additional cost.

Turnaround:

- ◆ Test Dependent

Additional Sampling Events \$140 per well +\$65 per test

Any additional re-sampling events will cost **\$140** per well plus **\$65** per each test.

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 will be included at no additional cost.

Turnaround:

- ◆ Test Dependent





1st Sampling Event \$595 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 **\$595** per well.

Tests Included ²:

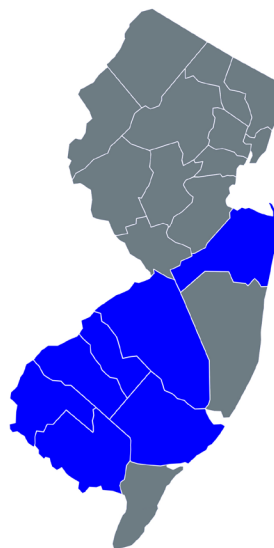
- ◆ pH
- ◆ Total Coliform
- ◆ Iron
- ◆ Arsenic
- ◆ Mercury
- ◆ Gross Alpha
- ◆ Volatile Organic Compounds (VOCs)
- ◆ 1,2,3 TCP, EDB, DBCP (SOCs)
- ◆ Nitrate
- ◆ *E. coli*
- ◆ Lead
- ◆ Manganese

Turnaround:

- ◆ 1 Week Standard

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

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



2nd Sampling Event \$85 per well

If any of the tests do not meet their respective maximum contamination levels (MCLs) established by the NJ PWTa, EMSL Analytical, Inc. will re-sample all tests a second time for a flat fee of **\$85** per well.

A certified sampler and laboratory testing will be included at no additional cost.

Turnaround:

- ◆ Test Dependent

Additional Sampling Events \$85 per well +\$65 per test

Any additional re-sampling events will cost **\$85** per well plus **\$65** per each test.

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 will be included at no additional cost.

Turnaround:

- ◆ Test Dependent





Common Add-On Tests

Tests	Turnaround	Cost Per Sample
Metals I – Chromium, Copper, Nickel, Zinc	1 Week	\$81
Metals II – Antimony, Barium, Beryllium, Cadmium, Selenium, Thallium	1 Week	\$81
Anions – Chloride, Fluoride, Sulfate	1 Week	\$201
Cyanide	1 Week	\$101
Biologicals – <i>Legionella</i> (M343) & <i>Cryptosporidium</i> & <i>Giardia</i> (M640)	2 Weeks	\$856
PFAS-3 Package: PFNA (Perfluorononanoic acid) PFOA (Perfluorooctanoic acid) PFOS (Perfluorooctanesulfonic acid)	4 Weeks	\$461
Radium-226	4 Weeks	\$151
Radium-228	4 Weeks	\$151

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

