



Maryland-Certified Laboratories for the Sampling of Petroleum-Related Compounds in Private Supply Wells

The following list of laboratories has been compiled to assist property owners in finding Maryland-certified laboratories to collect and/or analyze drinking water samples for the purpose of testing for petroleum hydrocarbons. This list was prepared by the Maryland Department of the Environment (MDE) from information known and available at the time of preparation. MDE makes no claim as to its completeness, or to the quality of work performed. Inclusion on this list is not to be considered an endorsement by the State of Maryland. MDE strongly recommends that the consumer obtain prices and review company references before entering into agreements with any contractors or service providers.

Recommended Test Methods

EPA Method 524.2 is the recommended method for laboratory analysis of groundwater samples collected from drinking water supply wells. EPA Method 524.2 encompasses a wide range of VOCs including petroleum hydrocarbons such as benzene, toluene, ethylbenzene, and xylene (BTEX), fuel oxygenates (e.g., methyl tertiary butyl ether [MTBE]), and naphthalene.

EPA Method 8015(c) is the recommended method for laboratory analysis of groundwater samples collected from drinking water supply wells for total petroleum hydrocarbons – diesel range organics (TPH-DRO). It is important when contracting a laboratory to collect and/or analyze for EPA Method 8015(c) that you ensure the laboratory is capable of analyzing the sample to the drinking water standard of 47 parts per billion (ppb) (which can also be stated as micrograms per liter or ug/L).

Maryland Certified Labs

Advanced Environmental Concepts, Inc.

1751 Pulaski Hwy.
Havre de Grace, Maryland 21078
410-939-5550

Caliber Analytical Services, LLC

8851 Orchard Tree Lane
Towson, Maryland 21286
410-220-5212

Maryland Spectral Services, Inc.

1500 Caton Center Drive, Suite G
Baltimore, Maryland 21227
410-247-7600

Phase Separation Science, Inc.

6630 Baltimore National Pike
Baltimore, Maryland 21228
410-747-8770



Maryland
Department of
the Environment

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Fredericktowne Lab, Inc.*

3020 Suite A Ventrue Court
Myersville, Maryland 21773
301-293-3340

Fountain Valley Analytical Laboratory, Inc.*

1413 Old Taneytown Road
Westminster, Maryland 21158
410-848-1014

Martel Laboratories JDS, Inc.

1025 Cromwell Bridge Road
Baltimore, Maryland 21286
410-825-7790

** MDE Certified samplers are available to collect water samples, VOC analysis is subcontracted to another lab*

Questions

If you have additional questions or to report a detection of petroleum compounds in your drinking water, please contact the Oil Control Program at 410-537-3442.