



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Oil Control Program, 1800 Washington Boulevard, Suite 620, Baltimore MD 21230-1719
410-537-3442 • 1-800-633-6101 410-537-3092 fax

LABORATORIES

The laboratories listed below are capable of analyzing samples for the purpose of testing for petroleum hydrocarbons. You are encouraged to fully discuss with the company you select the issues associated with sampling for fuel oxygenates, such as methyl tertiary-butyl ether (MTBE), tertiary-amyl methyl ether (TAME), diisopropyl ether (DIPE), and tertiary-butyl alcohol (TBA).

Please note that EPA Method 524.2 is the recommended method for laboratory analysis of groundwater samples collected from drinking water supply wells since petroleum compounds of concern can be detected at very low levels using this specific method. EPA Method 524.2 encompasses a wide range of petroleum hydrocarbons such as benzene, toluene, ethylbenzene, and xylene (BTEX), in addition to fuel oxygenates such as MTBE. Please note that you should verify with each laboratory if they are certified in Maryland to collect drinking water samples.

Companies with an asterisk (*) have notified the Oil Control Program that they are prepared to either test for the suite of common fuel oxygenates following the U.S. EPA's validated analytical methods for common fuel oxygenates or they have taken the necessary alternative steps to determine the levels of fuel oxygenates in water and soil. Contact these companies to be fully informed of the sample preservation method they require prior to your sampling event. For more information, access EPA's Underground Storage Tank Fact Sheet – Analytical Methodologies for Fuel Oxygenates at www.epa.gov/oust/mtbe/omethods.pdf.

The Maryland Department of the Environment assembled this list from the best available information at the time of preparation. The Department makes no claim as to the list's completeness or to the quality of work performed by these laboratories. Inclusion on this list is not to be considered an endorsement by the State of Maryland.

Aardvark Water Testing Laboratory, Inc.*
260 Gateway Drive, Suite 3A
Bel Air, Maryland 21014
410-893-5257

ECS Mid-Atlantic, LLC
1340 Charwood Road, Suite P
Hanover, Maryland 21076
410-859-4300

Anabell Environmental, Inc.*
8648 Dakota Drive
Gaithersburg, Maryland 20877
301-548-9425

Enviro-Chem Laboratories, Inc.
100 Lakefront Drive
Hunt Valley, Maryland 21030
410-785-9739

Analytical Laboratory Services, Inc.*
8965 Guilford Road, Suite 100
Columbia, Maryland 21046
410-290-8884

Environmental Management Services, Inc.
1688 East Gude Drive, Suite 301
Rockville, Maryland 20850
301-309-0475

Caliber Analytical Services, LLC*
8851 Orchard Tree Lane
Towson, Maryland 21286
410-825-1151

EnviroSystems, Inc.
9200 Rumsey Road, Suite B102
Columbia, Maryland 21045-1934
410-964-0330

Federated Environmental Assoc., Inc.

1314 Bedford Avenue
Baltimore, Maryland 21208
410-653-8434

Fountain Valley Analytical Laboratory, Inc.

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

Fredericktowne Lab, Inc.

3039-C Ventrie Court
P.O. Box 244
Myersville, Maryland 21773
301-293-3340

General Physics Corporation

6095 Marshalee Drive, Suite 300
Elkridge, Maryland 21075
410-379-3600

GPL Laboratories, LLLP

7210A Corporate Court
Frederick, Maryland 21703
301-694-5310

Martel Laboratories JDS, Inc.*

1025 Cromwell Bridge Road
Baltimore, Maryland 21204
410-825-7790

Maryland Spectral Services, Inc.*

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

Microbac Laboratories, Inc.*

2101 Van Deman Street
Baltimore, Maryland 21224-6697
410-633-1800

Penniman & Browne, Inc.

6252 Falls Road
Baltimore, Maryland 21209
410-825-4131

Phase Separation Science, Inc.*

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

Science Applications International Corp.

1129 Business Parkway South, Suite 10
Westminster, Maryland 21157
410-876-0280

Trace Laboratories, Inc.*

5 North Park Drive
Hunt Valley, Maryland 21030
410-584-9099