

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration • Oil Control Program

1800 Washington Boulevard • Suite 620 • Baltimore Maryland 21230-1719

410-537-3442 • 800-633-6101 x3442 • 410-537-3092 (fax) • www.mde.maryland.gov

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

Anabell Environmental, Inc.*

8648 Dakota Drive
Gaithersburg, Maryland 20877
301-548-9425

Analytical Laboratory Services, Inc.*

8965 Guilford Road, Suite 100
Columbia, Maryland 21046
410-290-8884

Caliber Analytical Services, LLC*

8851 Orchard Tree Lane
Towson, Maryland 21286
410-825-1151

Chemtech

284 Sheffield Street
Mountainside New Jersey 07092
908-728-3142

Chesapeake Environmental Lab, Inc.

P.O. Box 946
Stevensville Maryland 21666
410-643-0800
1-800-300-TEST

ECS Mid-Atlantic, LLC

1340 Charwood Road, Suite P
Hanover, Maryland 21076
410-859-4300

Enviro-Chem Laboratories, Inc.

47 Loveton Circle, Suite K
Sparks, Maryland 21152
410-472-1112

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

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 Ventry Court, P.O. Box 244
Myersville, Maryland 21773
301-293-3340

GPL Laboratories, LLLP
7210 Corporate Court, Suite A
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

Trace Laboratories, Inc.*
5 North Park Drive
Hunt Valley, Maryland 21030
410-584-9099