

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 • www.mde.maryland.gov

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 EPA Method 524.2 is the recommended method for laboratory analysis of groundwater samples collected from domestic 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.

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.

Company	Address	City, State, and Zip	Telephone
Anne Arundel County:			
ECS Mid-Atlantic, LLC	1340 Charwood Road, Suite P	Hanover MD 21076	410-859-4300
Baltimore City/County:			
Caliber Analytical Services, LLC*	8851 Orchard Tree Lane	Towson MD 21286	410-825-1151
Enviro-Chem Laboratories, Inc.	47 Loveton Circle, Suite K	Sparks MD 21152	410-472-1112
Federated Environmental Assoc., Inc.	1314 Bedford Ave., Suite 107	Pikesville MD 21208	410-653-8434
Martel Laboratories JDS, Inc.*	1025 Cromwell Bridge Road	Baltimore MD 21286	410-825-7790
Maryland Spectral Services, Inc.*	1500 Caton Center Drive, Suite G	Baltimore MD 21227	410-247-7600
Microbac Laboratories, Inc.*	2101 Van Deman Street	Baltimore MD 21224	410-633-1800
Penniman & Browne, Inc.	6252 Falls Road	Baltimore MD 21209	410-825-4131
Phase Separation Science, Inc.*	6630 Baltimore National Pike	Baltimore MD 21228	410-747-8770
Trace Laboratories, Inc.*	5 North Park Drive	Hunt Valley MD 21030	410-584-9099
Carroll County:			
Advanced Environmental Concepts, Inc.	5292 Enterprise Street, Suite C	Eldersburg MD 21784	410-795-5955

Company	Address	City, State, and Zip	Telephone
Fountain Valley Analytical Lab., Inc.	1413 Old Taneytown Road	Westminster MD 21158	410-848-1014
Charles County:			
ECS Mid-Atlantic, LLC	8 Jay Gould Court, Suite E	Waldorf MD 20602	301-645-6472
Science Applications International Corp.	1129 Business Parkway S. Ste. 10	Westminster MD 21157	410-876-0280
Frederick County:			
ECS Mid-Atlantic, LLC	5112 Pegasus Court, Ste S	Frederick MD 21704	301-668-4303
Fredericktowne Lab, Inc.	3039-C Ventrice Ct, P.O. Box 244	Myersville MD 21773	301-293-3340
GPL Laboratories, LLLP	7210A Corporate Court	Frederick MD 21703	301-694-5310
Harford County:			
Aardvark Water Testing Laboratory, Inc.	260 Gateway Drive, Suite 3A	Bel Air MD 21014	410-893-5257
ECS Mid-Atlantic, LLC	1202 Technology Drive	Aberdeen MD 21001	410-297-8108
Howard County:			
Analytical Laboratory Services, Inc.	8965 Guilford Road, Suite 100	Columbia MD 21046	410-290-8884
EnviroSystems, Inc.	9200 Rumsey Road, Suite B102	Columbia MD 21045	410-964-0330
General Physics Corporation	6095 Marshalee Drive, Suite 300	Elkridge MD 21075	410-379-3600
Montgomery County:			
Anabell Environmental, Inc.	8648 Dakota Drive	Gaithersburg MD 20877	301-548-9425
Environmental Management Services Inc.	1688 East Gude Drive, Suite 301	Rockville MD 20850	301-309-0475