

PA-DEP Recommended Basic Oil & Gas Pre-Drill Parameters

The Pennsylvania Department of Environmental Protection (DEP) has developed the following list of parameters that are recommended for homeowners who wish to have their private well tested. The following list is not an exhaustive list of testing, homeowners may wish to have their water tested for a more extensive list of parameters. Additionally, while it is not recommended, if a homeowner wishes to test for less than the recommended list, the minimum parameters that should be analyzed for are printed in **bold** in the table below. It is recommended that homeowners test their water within one year prior to well drilling. Homeowners can sign up for DEP's e-notice system to receive notice of well permit applications DEP has received for wells in the area they choose. The Web site address is: <http://www.ahs2.dep.state.pa.us/eNOTICEWeb/>.

Analyte (Inorganic)	Analyte (Trace Metal)	Analyte (Organic)
Alkalinity	Barium	Ethane*
Chloride	Calcium	Methane*
Conductivity	Iron*	
Hardness	Magnesium	
Oil and Grease	Manganese*	
pH*	Potassium	
Sulfate	Sodium*	
Total Dissolved Solids*	Strontium	
Residue - Filterable		
Total Suspended Solids		
Residue – Non Filterable		
		Analyte (Microbiology)
		Total Coliform/E.coli

* As a minimum, a homeowner wishing to have their private well tested should analyze for these parameters.

How to find a laboratory to perform the testing:

1. The DEP Laboratory Accreditation Program offers a "[Search PA Accredited Environmental Laboratories](http://www.depweb.state.pa.us/labs)" option at the following Web site www.depweb.state.pa.us/labs. Choose "Laboratory Accreditation Program" on the right-hand side of the page. Scroll to "Search Environmental Laboratories." Use this search to find a laboratory accredited to perform these tests.
2. Contact a local laboratory and ask if it can perform the above testing or if it could help you find a laboratory.
3. Contact the DEP Laboratory Accreditation Program via e-mail at eplabaccredit@state.pa.us or via telephone at 717-346-7200.

What to ask/tell the laboratory before you send samples:

1. Inform the chosen laboratory that you are a homeowner who wants to have well water tested for Oil & Gas Pre-Drill parameters.
2. Ask the laboratory if it is accredited to perform the requested testing. If the laboratory is not, ask if it will subcontract to an accredited laboratory.

3. Ask the laboratory if it provides sample-collection services. DEP recommends that a third party (a consultant or the laboratory) collect and transport the sample for testing.
4. Instruct the laboratory to perform the testing and reporting of your sample(s) in accordance with all Chapter 252 Accreditation Requirements.

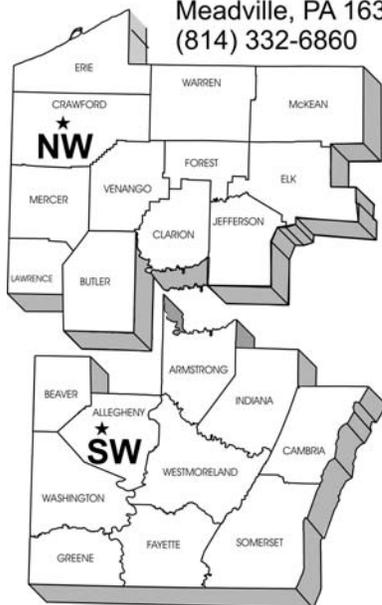
This map shows DEP Regional Office coverage by county for oil and gas activities. Please contact the Regional Office for your area for information about well permits, transfers, or bonds. Report complaints about wells to Regional Offices.★

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL & GAS OFFICES**

Oil and Gas Regions

★ **Northwest Region**

230 Chestnut Street
Meadville, PA 16335-3481
(814) 332-6860



★ **Eastern Region**

208 West Third Street
Williamsport, PA 17701-6448
(570) 321-6550



★ **Southwest Region**

400 Waterfront Drive
Pittsburgh, PA 15222-4745
(412) 442-4024

● **Central Office**

Bureau of Oil and Gas Management
PO Box 8765
Harrisburg, PA 17105-8765
(717) 772-2199

For more information, visit www.depweb.state.pa.us, keyword: Oil and Gas.