

Information regarding safe drinking water act compliance sampling may be obtained from the Environmental Health Services district office on your region.

**Beckley District Office**

100 East Prince Street  
Beckley, WV 25801  
Phone: 304-256-6666  
Fax: 304-256-6672  
Serving Fayette, Greenbrier, McDowell, Mercer, Monroe, Nicholas, Raleigh, Summers and Wyoming

**Kearneysville District Office**

1948 Wiltshire Road, Suite G  
Kearneysville, WV 25430  
Phone: 304-725-9453  
Fax: 304-725-3108  
Serving: Berkeley, Grant, Hampshire, Hardy, Jefferson, Mineral, Morgan and Pendleton

**Philippi District Office**

209 South Main Street  
Philippi, WV 26416  
Phone: 304-457-2296  
Fax: 304-457-5571  
Serving: Barbour, Braxton, Gilmer, Harrison, Lewis, Marion, Monongalia, Pocahontas, Preston, Randolph, Taylor, Tucker, Upshur and Webster

**St. Albans District Office**

808 B Street, Suite G  
St. Albans, WV 25177  
Phone: 304-722-0611  
Fax: 304-722-0615  
Serving: Boone, Cabell, Calhoun, Clay, Jackson, Kanawha, Lincoln, Logan, Mason, Mingo, Putnam, Roane, Wayne and Wirt

**Wheeling District Office**

Methodist Building, Suite 117  
11<sup>th</sup> & Chapline Street  
Wheeling, WV 26003  
Phone: 304-238-1145  
Fax: 304-238-1002  
Serving: Brooke, Doddridge, Hancock, Marshall, Ohio, Pleasants, Ritchie, Tyler, Wetzel, and Wood

WV Department of Health and Human Resources  
Bureau for Public Health  
Office of Laboratory Services  
Environmental Chemistry Laboratory  
4710 Chimney Drive, Suite G  
Charleston, West Virginia 25302

ENVIRONMENTAL PUBLIC HEALTH  
LABORATORY SERVICES FOR  
COMMUNITY/PUBLIC WATER  
SUPPLIES



For more information contact:

WV Department of Health and Human Resources  
Bureau for Public Health  
Office of Laboratory Services

ENVIRONMENTAL CHEMISTRY LAB  
4710 CHIMNEY DRIVE, SUITE G  
CHARLESTON, WV 25302  
Phone: 304-965-2694

OR

ENVIRONMENTAL MICROBIOLOGY LAB  
167 11<sup>TH</sup> AVENUE  
SOUTH CHARLESTON, WV 25303  
Phone: 304-558-3530

OR

BARDANE REGIONAL ENVIRONMENTAL  
MICROBIOLOGY LAB  
1498 WILTSHIRE ROAD, SUITE 6  
KEARNEYSVILLE, WV 25430  
Phone: 304-725-5832

*Healthy people in healthy communities*

WEST VIRGINIA BUREAU FOR PUBLIC HEALTH, Office of Laboratory Services, provides a variety of laboratory analyses to support both the environmental and clinical needs of the citizens of West Virginia. The Environmental Health Laboratories of the Office of Laboratory Services is comprised of the Environmental Microbiology Lab and the Environmental Chemistry Lab. These two sections, along with the entire Office of Laboratory Services, are dedicated to the promotion, protection and assurance of the health of the citizens of West Virginia.

Environmental Health Laboratories serve a wide variety of environmental clients including:

- Private well owners
- Municipal water supplies
- Non-community public water supplies
- State and local health agencies
- Commercial environmental labs
- US Environmental Protection Agency

The Environmental Health Laboratories of the Office of Laboratory Services analyze drinking water, source water and recreational water from both public and private systems. The Environmental Microbiology Lab analyzes water for coliform bacteria by Membrane Filtration, Multi Tube Fermentation or Chromogenic/Fluorogenic Substrate Test. Any samples that contain total coliform bacteria are further analyzed for either fecal coliform or *E.coli*. Total coliforms are used as an indication of the sanitary quality of the water. The Environmental Microbiology Lab located at Kearneysville, West Virginia serves the eastern panhandle and vicinity. The Environmental Chemistry Lab analyzes water for a variety of chemical /physical parameters using a variety of instrumental and wet chemistry techniques. If your facility has a requirement for an analysis not listed in **Table 1**, please contact the laboratory

### SAMPLE COLLECTION AND SHIPMENT

Samples are tested for various chemical, microbiological and/or physical parameters as listed in **Table 1**. Optional parameters may be available upon request. Prior to submitting samples, it would be advisable to check with the Environmental Chemistry Section (304-965-2694) or the Environmental Microbiology Section (304-558-3530). Specific sampling containers and procedures are necessary to meet the quality assurance criteria for each parameter. Samples for microbiological analyses must be collected by an authorized sample collector which includes: water plant operators, state and county sanitarians, district engineers and others by special permission.

With each sample submitted to the laboratory a completed sample identification tag is necessary. For microbiological samples, the EM-1 report form included with the samples kit must accompany the sample. All information should be clearly marked with indelible ink.

### TURNAROUND TIME

The Environmental Health Laboratories are continually improving their processes to ensure that turnaround times are the lowest you will find. For the Environmental Chemistry Laboratory the goal is to always deliver results within one to two weeks of sample receipt. We have expanded our resources to meet this commitment. Special rush turnaround times may be available. Contact the chemistry laboratory if a faster turnaround time is required. The Environmental Microbiology Laboratory guarantees turnaround times from 18 to 96 hours, depending on the type of test requested.

### REPORTING PROCEDURES

Recommended limits for routine chemical and physical parameters are listed on the report sheet. Limits for all parameters may not exist. Copies of laboratory reports are kept on file for ten years, as mandated by EPA. All results for coliform analysis are reported as either "Present" or "Absent" for total coliform. If total coliforms are "Present", either fecal coliform or *E.coli* will be reported as "Present" or "Absent". By special request, the laboratory can provide total coliform and fecal coliform / *E. coli* density.

### FEE COLLECTION

Analyses are invoiced according to the fee schedule in **Table 1**. If fees do not accompany the sample, billing will be done following the completion of all analytical work.

### SALES TAX NO LONGER REQUIRED

**TABLE 1:** Analyses available from the Environmental Health Laboratories.

### MICROBIOLOGICAL

Parameter	Fee Per Parameter
<b>Water test for Bacteria</b>	15.00

### INORGANIC CHEMISTRY

Parameter	Fee Per Parameter
<b>Metals by Graphite Furnace Atomic Absorption</b> <i>(may include, but not limited to)</i> Arsenic, Beryllium, Cobalt, Cadmium, Thallium, Nickel Chromium, Lead, Antimony, Silver, Molybdenum, Tin, Selenium, Aluminum, Vanadium, Copper	14.00
<b>Metals by Flame Atomic Absorption</b> <i>(may include, but not limited to)</i> Iron, Manganese, Sodium, Zinc	15.00
<b>Metals by Inductively Coupled Plasma</b> <i>(may include, but not limited to)</i> Boron, Titanium, Cerium, Silicon, Potassium, Calcium, Magnesium, Barium, Lithium	12.00
<b>Metals by Cold Vapor Atomic Absorption</b> <i>(may include, but not limited to)</i> Mercury	25.00
<b>Analytes by Ion Chromatography</b> <i>(may include, but not limited to)</i> Fluoride, Chloride, Sulfate, Nitrate, Nitrite, Ortho-Phosphate	15.00
<b>Analytes by Ion Selective Electrode</b> <i>(may include, but not limited to)</i> Fluoride, pH, Cyanide	9.00

### MISCELLANEOUS INDIVIDUAL TEST

Parameter	Fee Per Parameter
Nitrate/Nitrite	15.00
Alkalinity (Total) as CaCO <sub>3</sub>	10.00
Calcium Hardness	10.00
Total Hardness	10.00
Conductivity	10.00
Chlorine, Free	12.00
Chlorine, Total	12.00
Magnesium by Titration	12.00
Turbidity	12.00
Dissolved Solids, Total	13.00
Calcium by Titration	15.00
Hydrogen Sulfide	15.00
Total Organic Carbon	40.00
SUVA	50.00

**CALL LABORATORY FOR BOTTLES AND SAMPLING INSTRUCTIONS**