



# TRI-STATE Laboratory Services, LLC

## ABOUT TRI-STATE

Tri-State Laboratory Services, LLC (a division of Summit Engineering, Inc.) offers a full range of environmental testing to help meet our client's changing needs with the current market place emphasis on environmental regulation.

Tri-State Laboratory includes a full staff of chemists, biologists, lab techs, administrative personnel and field technicians to ensure that all analyses are conducted by acceptable methods and under strict quality assurance guidelines. The laboratory holds the following approvals and accreditations:

- ✓ VA-NELAC accredited through VELAP  
VA Laboratory ID No. 460205
- ✓ WV – Approved by WVDEP Division  
of Water and Waste Management (Cert.  
No. 386)
- ✓ KY – Approved by KY Division of  
Water Laboratory ID No. 08003
- ✓ EPA Lab ID No. KY01111

## SERVICES

- ◆ Ground Water Testing
- ◆ Surface Water Testing
- ◆ Soil Sample Testing
- ◆ Rock Sample Testing

## TRI-STATE LAB NEWS

### OIL & GAS INDUSTRY SERVICES

Tri-State Laboratory can collect and analyze pre-fracturing, pre-drilling, and post-drilling groundwater samples from area water wells to satisfy your state agency's requirements for oil and gas well development. Along with the lab's central location in Pikeville, Kentucky, 3 additional area offices of parent company Summit Engineering, Inc. in West Virginia and Kentucky places us within easy reach of the region's gas and oil fields.

The laboratory can provide analysis of total and dissolved metals in addition to general chemistry parameters in both soil and water matrices. For other specific needs (BTEX, organics, etc.) please contact us for additional information. We have arrangements with many area laboratories in order to handle all of your testing requirements.



**Tri-State Laboratory Services LLC**  
A DIVISION OF SUMMIT ENGINEERING, INC.



**TRI-STATE LABORATORY**  
A Division of  
**Summit Engineering, Inc.**



**Contact:**

160 Lank Branch, Suite #1  
Pikeville, KY 41501  
606-509-0866  
Fax: 606-509-0867

**Jeff Robinson – Lab Manager**  
[jrobinson@summit-engr.com](mailto:jrobinson@summit-engr.com)



[tri-statelab.com](http://tri-statelab.com)



**SUMMIT ENGINEERING, INC.**

**Corporate Headquarters:**

131 Summit Drive  
Pikeville, KY 41501  
Tel: 606-432-1447

**Lexington:**

3205 Summit Square Place  
Lexington, KY 40509  
Tel: 859-264-9860

**Henderson:**

1970 Barrett Court  
Henderson, KY 42420  
Tel: 270-827-1447

**South Charleston:**

100 Technology Drive  
South Charleston, WV 25303

## SOIL & ROCK TESTING

Our Laboratory analyzes soil and rock samples from a variety of sources such as mining operations, coal refuse facilities, and construction sites. We offer acid-base accounting services for cored rocks and overburden, topsoil and alternate topsoil, Standard Proctor, moisture content, and particle size analysis. We can also test for nutrient content in soils, soil pH, lime requirements, and determination of hay land productivity (grass clippings).

## WATER TESTING

Tri-State Laboratory is a full service facility capable of analyzing a variety of inorganic water parameters as needed by area industries, governments, and individuals. We can collect, test, and report water samples required for NPDES compliance, permit specific groundwater and surface water compliance, pre-permit baseline monitoring, bond release sampling, stormwater analysis, and other required sampling activities.

Not only can Tri-State Laboratory analyze a wide range of samples, but the laboratory is uniquely qualified to act as a data repository for current and archived sample results. The laboratory can work closely with the client's engineering or permitting consultant to provide data whenever needed and in whatever format may be required. Some examples would be easy to view/review spreadsheets, importable .xml files, and tables summarizing 6-month baseline studies. With the recent move to electronic submittal of data, the experienced IT staff at Tri-State is poised to convert any of the client's data to meet their formatting requirements.

The laboratory can receive samples collected by the client or with its fleet of 4-wheel drive vehicles and staff of field technicians, is capable of sample collecting in all areas and conditions.

The laboratory's new location in Pikeville, KY offers a central location within KY, VA, and WV area with a large modern facility. Our list of major testing equipment includes: Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES), Flame Atomic Absorption Spectrometry (FAAS), Stabilized Temperature Graphite Furnace Atomic Absorption (STGFAA), Ion Chromatography (IC), and SmartChem automated discrete wet analysis.



**TLs**

Tri-State Laboratory Services LLC  
A DIVISION OF SUMMIT ENGINEERING, INC.