



# Middletown Laboratory

The ALS laboratory in Middletown, Pennsylvania has been a leader in the analytical laboratory arena for over 30 years. We provide governmental agencies and the business community with quality analytical solutions in the areas of environmental testing, industrial hygiene and field services for over 25 years. Within our modern 26,000 square-foot facility and multiple service centers, we possess the expertise, necessary personnel, instrumentation and certifications to perform analyses on a variety of sample matrices.

ALS employs expert analysts who understand all aspects of environmental testing and quality assurance for environmental compliance and restoration programs including RCRA, Superfund, Clean Water, Clean Air and Safe Drinking Water. Our internal data validation ensures that analytical results are technically and legally defensible and project requirements have been met. Our data has met the tough requirements of the US Environmental Protection Agency (CLP Program), US Department of Defense, US Army Corps of Engineers, and most state programs.

ALS delivers the best, and we are proud of our stellar track record. We will not settle for the status quo when performance excellence is our goal. ALS recognizes you have a choice, and we are committed to your success. Call us to arrange a laboratory tour or speak with one of our Project Managers to see how we can assist you on your testing requirements.

## Convenient Service Centers across the Northeast

- Columbia, Maryland 9175 Guilford Road • Columbia, MD 21046 • +1 240 456 0127
- Washington, Pennsylvania 1146 West Chestnut St. • Washington, PA 15301 • +1 724 503 4786
- Spring City, Pennsylvania 10 Riverside Drive • Spring City, PA 19475 • +1 610 948 4903
- York, Pennsylvania 2323 Carlisle Rd., Suite 11 • York, PA 17408 • +1 717 505 5280

### SERVICE

- On-time data delivery and rapid TAT
- Experienced staff with expertise
- Available after-hours and weekends

### VALUE

- Instant access to data with Webtrieve™ and Webtrieve™ Mobile App
- Custom bottle kits with pre-printed labels and COCs

### RELIABILITY

- Technical experts that can answer your most difficult questions
- A real focus on quality and process control with a rigorous QA/QC program

### Get Connected!

Visit our website for more information about ALS.



Scan the QR Code with your smartphone or search for "ALS Environmental" on YouTube.

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## Middletown Laboratory

Over time, ALS has seen major changes in the regulations and attitudes toward environmental compliance. With these changes has come expanded capability of the services available from our laboratory. We pride ourselves on being able to offer services to our customers that meet the changing requirements mandated by federal, state and local regulatory agencies. Our staff of trained professional chemists have developed the procedures and protocols to complete your testing with quality, expedience, and reliability giving you confidence. ALS has evolved into a full service environmental laboratory, where the majority of our analyses are performed in-house allowing us to maintain control on quality, turnaround time, and costs.

ALS provides environmental testing of drinking water, storm water, waste water, solid waste, hazardous waste, and air. We have added many certifications and accreditations in those areas including the DoD Accreditation. Testing ranges from simple analyses on residential wells to the very complex testing requirements of industries, schools, hospitals, consulting and engineering firms, governmental agencies, and many other entities throughout the world. Listed below are some of the areas served by our environmental laboratory. We provide the testing that meets your needs, including:

- NPDES Monitoring
- Groundwater Monitoring
- Industrial Discharge Analysis
- Priority Pollutant Analysis
- RCRA Criteria Monitoring
- RCRA Waste Characterization
- TCLP Analysis
- Petroleum Contaminated Soil
- Public Water System Testing
- DoD Project Analysis
- Toxic Organics in Air

## Our Expertise Includes:

### Gas Chromatography/Mass Spectroscopy

- Priority Pollutants
- Target Compound List
- Volatile Organic Compounds
- Semivolatiles
- Total Toxic Organics
- Library Search (Tentatively Identified Compounds)

### Gas Chromatography

- Volatile Organic Compounds
- Organohalide Pesticides
- Carbamate Pesticides
- BTEX
- GC Fingerprint
- TPH by GC/FID
- Pesticides/PCBs
- Chlorinated Herbicides
- Organophosphorus Pesticides
- Organic Acids

### Inorganic Metals

- Elemental Analysis by ICP
- Elemental Analysis by ICP/MS
- Mercury by Cold Vapor
- Inorganic Chemicals (IOCs)
- Target Analyte List (23 elements)
- Priority Pollutant Metals
- RCRA Metals (8 elements)
- TCLP Metals (8 elements)

### Water Quality - Wet Chemistry

- Alkalinity
- Biochemical Oxygen Demand
- Chemical Oxygen Demand
- Chloride
- Hexavalent Chromium
- Cyanide
- Fats, Oils and Grease
- Fluoride
- Hardness
- Nitrogens

- Odor
- Phenols
- Phosphorus
- Solids - Total, Total Dissolved, Total Suspended, Total Volatile, Total Fixed
- Specific Conductance
- Sulfate, Sulfide, Sulfite
- Surfactants
- Total Organic Carbon (TOC)
- Total Organic Halogen (TOX)
- Turbidity

### Microbiology

- Total Coliform
- Fecal Coliform
- Standard Plate Count
- Iron Bacteria

