



Analytical Services for Shale Oil and Gas Exploration

With 50 years of environmental testing experience, Lancaster Laboratories offers a comprehensive scope of analytical testing services and technical expertise to serve the needs of gas drillers, consulting firms, homeowners and regulatory agencies to support shale oil and gas exploration efforts. From baseline survey water testing to wastewater characterization and analytical method development, we offer testing for all phases of the drilling and exploration process, including:

- Pre-drilling Survey of Residential Wells
- Spill and Emergency Response
- Ambient Air Quality
- Disposal
- Hazardous Waste Characterization
- Wastewater Characterization



Why Choose Lancaster Laboratories?




- As the largest single-site environmental laboratory in the United States, our 225,000-square-foot facility provides the capacity to meet demanding sampling events.
- Three shifts of operation working 24/7 and nearly 800 technical and support staff members allow us to accommodate rush turnaround times for spill, emergency response disposal and other projects.
- With accreditations held in 40 states (NELAP), including PA, NY, WV, OH, MD and TX and rigorous internal quality standards, we provide the regulatory support needed to comply with local, state and federal regulations.
- A single point of contact for all of your analytical needs and 24/7 online data access provide the highest level of trouble-free communication with data in Excel and PDF formats.
- We offer 120 Electronic Data Deliverable (EDD) formats, including EQUIS.

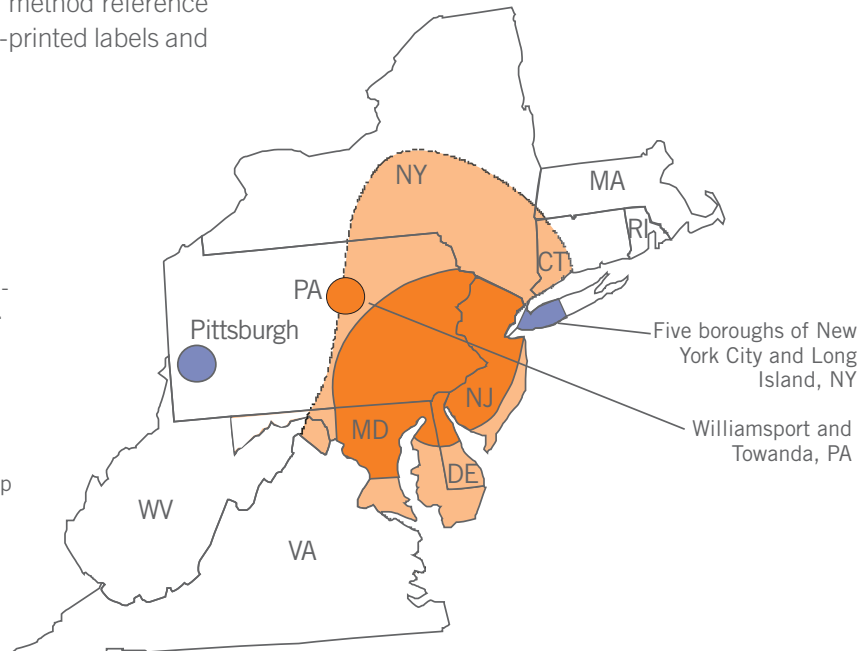




Sample Pickup Services

- Lancaster Labs offers sample pickup and pack-and-ship services throughout the shale gas exploration areas of the United States. Couriers will pick up your samples at your office or project site and deliver them to our laboratory the same day. We also offer pack-and-ship services where we will pack samples in coolers with ice and ship them to our laboratory via overnight a.m. delivery.
- Our coolers are expertly prepared and easy to use. They include all sample containers and a detailed inventory list with holding time, method reference and preservative, as well as pre-printed labels and return shipment forms.
- Our sample packing process ensures that your samples arrive at our facility safely, in a timely manner and within temperature specifications.
- Each pack-and-ship location also maintains an emergency supply of coolers, COCs, bottles and packing materials for those projects that just can't wait.

-  Approximate area covered by Lancaster Labs' daily courier service.
-  Sample pickups can be made in these areas by special arrangement through Lancaster Labs' expanded courier service.
-  Sample pickup and pack-and-ship services cover these areas.



www.LancasterLabsEnv.com

Standard Services:

Volatiles
Semivolatiles
Metals
Pesticides/PCBs/Herbicides
Petroleum-Related Analysis
Waste Characterization
Water Quality

Drinking Water
Vapor & Air Analysis
Sediment & Tissue Testing
Method Development
Shale Oil & Gas Analysis

Specialty Services:

Dioxins/Furans
Hydrazines/NDMA
Explosives
Perchlorate
Alkyl PAHs, Alkanes, Biomarkers
PFC (PFOA)
Organic Acids

Aldehydes
1,4-Dioxane (low level)
Low-Level Mercury
PMI
Method 25D
Gulf Coast Services

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