



Marcellus/Utica Shale

Analytical Testing Program

LOCAL:

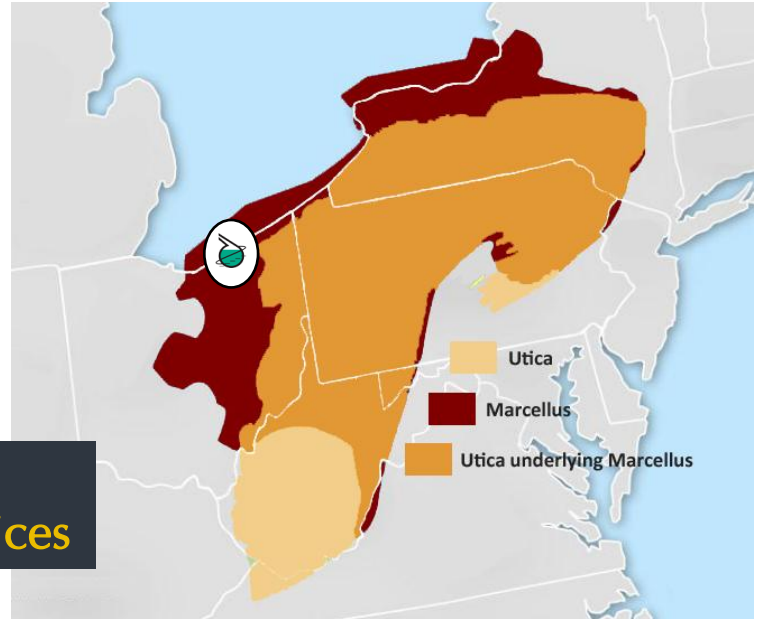
Envantage is a Cleveland based company ideally located to serve Marcellus and Utica Shale oil and gas operations.

INDUSTRIES SERVED:

Natural Gas
Shale and Tight Gas
Hydraulic Fracturing
O & G Exploration
O & G Production
Landfill / Biogas

ENVANTAGE, INC.

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Cleveland, OH 44125
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FAX 216-475-9954



Laboratory Testing Services

Oil and Gas Quality:

- Natural Gas Testing
- Natural Gas Composition
- Natural Gas Liquids (NGL) Testing
- Wet and Dry Gas Testing
- Crude Oil and Petroleum Feedstock Tests
- Sulfur Speciation
- BTEX

Water Quality:

- Methane in Ground Water
- Wastewater Characterization
- TCLP / SPLP testing
- Solids: Total and Dissolved
- VOCs, Semi- VOCs
- Metals
- Pesticides

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Analytical
Chemistry
Services and
Solutions



Laboratory Services *

*Partial listing

ENVANTAGE
established 1992

Envantage, Inc. is an analytical chemistry services and solutions company with operations based in Cleveland, OH and Houston, TX.

Members of:

- ASTM
- ACS
- GPA
- SWANA

In addition to analytical services our company offers commercial software products, standard and customized analyzers, instrument repair services, and consulting.



Gas Analysis:

- Natural Gas – GPA 2261
- Extended Gas (C12+) – GPA 2286
- Refinery Gas – UOP 539
- BTEX – GPA 2286

Liquid Analyses:

- NGL C6/C7+ - GPA 2165
- NGL Capillary – GPA 2186
- LPG & NGL Products – GPA 2177
- BTEX – GPA 2186

Water Quality Analyses

- EPA and SW-846 Methods

Landfill Gas

- Reformed Gases – ASTM D 1946
- BTU Content – GPA 2172-92, ASTM D 3588
- NMOC – EPA 25C and EPA 18
- H₂S- EPA 15/16, ASTM D 5504
- Total Non-Methane Hydrocarbons EPA 25C

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