

# B.F. Environmental Consultants Inc.

Environmental Scientists, Hydrogeologists, & Environmental Education Specialists  
Located in Northeastern Pennsylvania

water reuse

hydrogeology

soil testing

## Hydrogeological Professional Consulting Services



Conducting water availability analysis, water supply development, aquifer analysis, pumping tests, and Spring water development.

Fracture trace analysis, well redevelopment, well cleaning, and river basin allocation.

**Licensed Geologist  
Soil Scientist  
PA SEO  
Expert Testimony  
Licensed Well Driller**

**Watershed Management  
Professional Training Courses**



B.F. Environmental Consultants Inc.  
15 Hillcrest Drive  
Dallas, PA 18612

<http://www.bfenvironmental.com>

## Soils Testing



Conducting soil morphological analysis, siting alternative septic systems, hydroconductivity testing, infiltration testing, and regional wastewater management systems.

Siting and sizing stormwater best management systems, such as infiltration and bioretention systems.

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### Stormwater Issues



For over 15 years, the Center has been working on the development, siting, and sizing of on-site stormwater management systems.

These systems include individual bioretention systems, water gardens, stormwater retention ponds, and water reuse systems.

Conducted workshops and professional training sessions in soil science, geology, water resource management, and low impact development.

### Rainwater Harvesting and Water Reuse

The Center has assisted in the sizing, design, and evaluation of cistern and rainwater capture systems in the United States and

India. Technical assistance included the following:

Sizing Bioretention Systems  
Infiltration Systems

Developing Alternative Recharge  
Management and Water  
Reuse Systems



### Infiltration Testing



The Center has conducted training in soil morphology, infiltration / permeability testing, and water budget analysis as part of sizing stormwater best management systems and groundwater recharge systems.

The Center has facilitated the design / build of over 1000 Bioretention, infiltration, and bioinfiltration systems for residential, commercial, and industrial use.

# Marcellus Shale – Natural Gas Development



Tour in February 2009

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## Professional Consulting Services

Educating Municipalities, Royalty Owners, and Landowners

Developing Baseline Environmental Assessment Programs, Expert Testimony, Geological Mapping

Geochemical Analysis, Frac Water Treatment, Chain-of-Custody, and Residential Well Monitoring / Testing.

### Contact

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# University Courses



B.F. Environmental Consultants Inc. works with Wilkes University and other local colleges to offer graduate and undergraduate courses in soil science, hydrogeology, low impact development, and land-based wastewater disposal.

# Distance Learning Outreach Program

**Internet Based  
Self-Paced  
Low Cost  
Professional Online  
Continuing Education Courses**

**Topics Include:**  
**Alternative and Renewable Energy**  
**Industrial Safety and Health**  
**Environmental Training**  
**Engineering Related**  
**Petrochemical**  
**Geotechnical**  
**Electrical**  
**Building Design**  
**Over 900 Courses**

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# Soils Testing (Field Courses)



Field Training in Soil Morphology, Hydric Soils, Soil Science, and Geology.

Applications related to groundwater recharge, land-based wastewater disposal, stormwater management, and landscape irrigation.

Meets Act 48  
Requirements