

ENGINEERING AND CONSTRUCTION SERVICES

Bowser-Morner has evolved as one of the leading companies in the nation providing engineering and construction services.

ENGINEERING SERVICES includes a staff of geotechnical and civil engineers, geologists, and drafters. This talented team of professionals has extensive project experience in areas such as foundation designs, grading and drainage, freshwater dams, coal refuse embankments, surface mine reclamation, hazardous and sanitary waste disposal facilities, and other geotechnical aspects.

MATERIALS TESTING LABS These labs perform physical testing of soil, rock, aggregate, concrete, asphalt, and other construction materials. This laboratory is an AASHTO/ISO-17025-accredited laboratory.

FIELD SERVICES Our cross-trained technicians have experience in construction observation and QA/QC work at construction sites around the world.

GEO-ENVIRONMENTAL services include environmental assessments and audits of commercial and industrial property (including brownfields), conducting remedial investigations, and preparing cleanup plans for hazardous-waste sites, and monitoring the execution of the remediation work with VAP certification. Studies are also performed to delineate wetlands in accordance with the U.S. Army Corps of Engineers' criteria.

SUBSURFACE EXPLORATION

As an integral part of our Engineering and Construction Services team, Bowser-Morner's Subsurface Exploration team has served individuals, commercial/industrial concerns, and governmental agencies throughout the United States for more than 60 years.

SUBSURFACE EXPLORATION Our crew chiefs and assistants have years of experience in the areas of environmental investigations, geotechnical, mineral exploration, and a variety of other subsurface services.

EQUIPMENT diversity is key to Bowser-Morner's ability to perform efficiently in a wide variety of terrains and under varying subsurface conditions. Our fleet includes SONIC, auger, rotary, cable tool, and soil probe rigs.

ENVIRONMENTAL applications have constituted 50% to 60% of our subsurface workload over the past twenty years including federal program facilities, CERCLA, RCRA, landfills, industrial sites, and a host of other types of facilities.

SAFETY is strongly emphasized in everything we do, from our facilities, to the work sites and everywhere in between. Regular meetings, intensive training, incentives, and awards are used to promote safe practices with minimal effects on efficient production.

ANALYTICAL SERVICES

ANALYTICAL CHEMISTRY conducts qualitative and quantitative analyses in the following areas:

General Chemistry performs analysis of steel, cast iron, ores, slags, and limestone as well as a variety of physical tests on oil, rubber, paint, plastic, elastomers, etc.

Environmental Chemistry analyzes water, wastewater, solid waste, and sludges.

Special Chemistry evaluates and determines the cause of failure for a multitude of manufactured products and processes.

PRODUCT AND MATERIAL TESTING evaluates a wide range of manufactured components including automotive, aerospace, aircraft, and other industrial and consumer products. Our services include life cycle tests while subjecting test items to extremes in environmental conditions such as temperature, humidity, salt spray, rain, and vibration.

METALLURGICAL LABORATORY This lab offers a broad range of mechanical, metallurgical, and welding evaluations including tensile, impact testing, hardness, micro-hardness, corrosion evaluations, weld testing, and consulting in the above areas.

CALIBRATION services are **A2LA accredited** (Cert. # 0071.05) in the areas of dimensional, mass, force, time, and thermodynamic requirements.

Corporate Overview:

***Satisfying clients one at a time:
It's how we build our business and
our reputation.***

Bowser-Morner's mission is to provide quality professional services in field and laboratory testing, engineering, subsurface explorations, analytical services, and scientific consulting to support construction, manufacturing, commerce, and the environment.

We are dedicated to professional ethics, providing value to our clients, and support of the public welfare.

Our staff of engineers, scientists, and technicians coupled with our modern facilities and equipment have strategically positioned the company to provide quality solutions that meet our clients' expectations.

For our clients, this means:

- ◆ Stringent QA/QC protocols
- ◆ Objective, accurate data
- ◆ Reduced project lead times
- ◆ Innovative solutions
- ◆ Personalized attention
- ◆ Confidentiality
- ◆ Excellent safety records
- ◆ Stability and experience
- ◆ Value

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Bowser-Morner Headquarters, Dayton, Ohio



Committed to excellence since 1911

- Engineering
- Construction QA/QC
- Subsurface Explorations
- Laboratory Testing
- Geologic Consulting
- Analytical Services
- Calibration Services