

ABOUT SMITH & Co.

Smith & Co., located in Poplar Bluff, Missouri, was founded in 1968. Now the largest engineering firm in Southeast Missouri, the firm employs Professional Engineers, Registered Geologists, Professional Land Surveyors, and other scientific and technical professionals.

Smith & Co. provides complete civil, environmental, and sanitary engineering services; environmental permitting; subsurface geotechnical engineering and exploration; land surveying; concrete, asphalt, and soil testing; construction inspection; and construction management.

Smith & Co.'s soil and concrete testing laboratory includes two soil/rock drilling rigs and the most commonly used testing equipment. Our wide range of services and equipment allows you to have one consultant for virtually all of your environmental, geotechnical, civil engineering and surveying needs.

Our experience in the environmental field includes Phase I Site Assessments, underground storage tank removal and closure, site characterization, soil vapor monitoring, and corrective action (remediation).

Smith & Co. provides the equipment, personnel, and experience necessary for the most demanding project. Our commitment to quality and client satisfaction are unsurpassed in the region. We look forward to working with you.

An Employee Owned Company
Certified HUBZone Small Business
Veteran Owned Small Business

SMITH & Co.

CERTIFICATION & TRAINING

- ◆ HAZWOPER 40-hr trained employees
- ◆ 10hr Occupational Safety & Health Training
- ◆ MDNR-permitted monitoring well & pump installers
- ◆ Missouri Certified Asbestos Inspection Training
- ◆ NRC licensed for nuclear density gauges
- ◆ ACI Certified Concrete Technicians
- ◆ MoDOT Certified Material Testing Techs
- ◆ Onsite Soil Evaluator for Missouri Department of Health

SUPPORT EQUIPMENT & FACILITIES

- ◆ GPS & Total Station Survey Equipment
- ◆ Backhoe and 20-ton dump truck
- ◆ Photo Ionization Detector (PID)
- ◆ Water/product interface probes
- ◆ Portable, dual-phase, vacuum-enhanced, product recovery unit
- ◆ Ex-situ soil remediation (land farm)
- ◆ Soil, concrete and asphalt testing lab
- ◆ Dual-Mass dynamic cone penetrometer
- ◆ Unconfined compression testing
- ◆ Soil resistivity (4-probe Wenner Method)
- ◆ Open Channel Hydraulic Flow Measurement
- ◆ Pressure transducers with data recorders

901 Vine Street, P. O. Box 72
Poplar Bluff, MO 63901-4954
Phone: 573-785-9621, Fax: 573-785-2651
Email: info@shsmithco.com
www.shsmithco.com

ENVIRONMENTAL & GEOTECHNICAL SERVICES



SMITH & Co.

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ENVIRONMENTAL

- ◆ Phase I & II Environmental Site Assessment
- ◆ MRBCA Site Characteristic & Risk Assessment
- ◆ Groundwater monitoring
- ◆ LNAPL Recovery
- ◆ Remediation System design & installation
- ◆ Aquifer testing



CME-750 ATV

- ◆ All Terrain Vehicle, 4X4
- ◆ Boring and sampling to 500'
- ◆ Height: Driving, 12'-0",
Sampling 25'-8" (Mast up)
- ◆ Length: 22'-4", Width: 7'-9"
- ◆ SPT with automatic hammer
(140-lb & 300-lb)

GEOTECHNICAL

- ◆ Subsurface investigation & geotechnical evaluation
- ◆ Soil classification and properties
- ◆ Bearing capacity of soil and rock
- ◆ Shallow and deep foundation design
- ◆ Fill or debris area determination
- ◆ Rock probes
- ◆ Rock coring, (conventional or wireline)
- ◆ Mud rotary, hollow-stem, and continuous flight auger drilling
- ◆ Slope stability analysis
- ◆ Liquefaction evaluation
- ◆ Piezometer installation



CME-45B

- ◆ Rough terrain vehicle, 4X4
- ◆ Boring and sampling to 250'
- ◆ Height: Driving, 9'-5", Sampling
24'-3" (Mast up), 16'-0" (Mast down)
- ◆ Length: 24'-0", Width: 7'-9"
- ◆ SPT with 140-lb hammer

Sampling:

- ◆ 2" & 3" split spoon samplers
- ◆ 5" clear-walled continuous sampler
- ◆ 2" & 3" Undisturbed thin wall samplers (Shelby tubes)
- ◆ Rock Cores (NQ)
- ◆ Standard Penetration Test (SPT)
- ◆ 12" pavement cutting bit
- ◆ Water quality samples
- ◆ 2-3/4", 3-3/4", & 6" I.D. hollow stem
- ◆ 4" O.D. flight augers



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