

4 9.0122

**D**

**DETERMINATION**

18 39.948

**R**

**REALIZATION**

9 18.998

**I**

**INSPECTION**

12 24.305

**L**

**LOCATION**

12 24.305

**L**

**LEGISLATION**

5 10.811

**E**

**EVALUATION**

4 9.0122

**D**

**DEDICATION**

THE TRUSTED LEADER IN ENVIRONMENTAL **DRILLING** SERVICES





# ENVIRONMENTAL



# DRILLING

## 5000 ENVIRONMENTAL DRILLING PROJECTS...AND COUNTING

SGS has successfully completed more than 5000 environmental drilling projects in its 29 year history. Our success is based on the dedication to our clients, the safe execution of our work, technical excellence and our commitment to getting the job done.

Since 1985, SGS North America's Environmental Drilling Division has focused exclusively on providing environmental drilling services and has helped set standards of excellence in our industry. We work directly with consulting engineers, industrial and pharmaceutical end users, chemical and petroleum facilities, and DOD and DOE agencies. Our field personnel and management teams' ultimate goals are to do the job right, safely and meet our customers' expectations. We are ready to serve you, your team and your environmental drilling needs.

### WE DO THE JOB RIGHT

We don't take short-cuts. We make sure our crews have the right materials and equipment to complete your job successfully. When you invite us to bid on your project, we ask questions, lots of them. That homework upfront makes it possible for us to understand the environment we are drilling. Based on the geological setting, your goals and the results you require, we select the best drilling method and the best team and equipment to do the job economically. We work closely with you to fine-tune the project so that the results exceed your expectations. You will discover that we are fanatical about customer service and will go out of our way to make sure your project is done correctly. We communicate with you regularly so you know what we are doing and what we might need from you to move the project along without delay.

### OUR DRILLING FLEET

SGS has a large and multi-disciplined drilling fleet that provides a variety of drilling techniques to serve our clients. Direct push equipment is used to perform economical soil and water sampling services. ATV-mounted direct push and full-size drill rigs are available for projects that have difficult access issues.

### OUR EXPERIENCED STAFF

All SGS Drilling Division staff have been trained in accordance with regulatory requirements of our industry and these of our clients. All employees are OSHA trained and medically monitored as per current OSHA regulations. All employees are enrolled in a Substance Abuse Program that requires pre-employment, annual, random, post accident and reasonable suspicion testing. SGS has a corporate and division health and safety program as well as a drilling safety handbook. All employees have had Loss Prevention Systems (LPS) training. SGS has "new hire" safety training.

### TECHNICALLY DIFFICULT PROJECTS ARE WELCOME.

SGS has a reputation for handling complex projects with great success. We are known for our innovative, problem-solving approaches to unusual and demanding situations.

## LICENSED IN YOUR AREA

SGS is licensed to perform drilling in the following States:

- New Jersey (NJ)
- New York (NY)
- Pennsylvania (PA)
- Delaware (DE)
- Maryland (MD)
- Connecticut (CT)
- South Carolina (SC)
- North Carolina (NC)
- Florida (FL)
- Massachusetts (MA)
- Michigan (MI)
- Virginia (VA)
- West Virginia (WVA)

SGS North America offers drilling services in the USA. All employees are 40 hour OSHA certified, and are medically monitored according to OSHA, and DOT regulations. SGS is a member of the NGWA and NJGWA



## HIGH-QUALITY DRILLING SERVICES / STATE – OF – THE – ART EQUIPMENT

### AIR KNIFE- VACUUM DIG UTILITY CLEARANCE SERVICES

Clearing for underground utilities is critical for a safe project. SGS can accomplish this task utilizing its specialized fleet of air knife-vacuum dig equipment. Specialized small limited access air knife –vacuum digging as well as large capacity high production equipment is available

### MONITORING WELLS

The majority of environmental projects SGS Drilling undertakes are monitoring wells. Our team drills monitoring wells to measure the quality of ground water in situations where contamination is suspected or known. The wells monitor water quality on a quarterly basis after the first test is achieved.

### RECOVERY WELLS

When our clients know they have a problem, recovery wells allow them to pump and treat the contaminated water.

### CERTIFIED WELL DECOMMISSIONING/ SEALING

SGS Drilling has the equipment, knowledge and certification to perform well decommissioning and sealing.

### DUAL ROTARY DRILLING

SGS is one of a very limited number of environmental drilling firms in NJ that uses this proprietary drill. The casing and the drill rod move independently of one another which creates a very flexible tool that can handle challenging drilling situations with speed and safety.

### ODEX DRILLING

(6", 8", 10" drills) The casing and the drill rod work as one and allow our team to drill efficiently in unstable formations.

### AIR ROTARY DRILLING

Air rotary drill rigs utilize compressed air with roller cone or down the hole air hammers to efficiently drill bedrock formations.

### MUD ROTARY DRILLING

Mud rotary drill rigs utilize high capacity positive displacement mud pumps to circulate mud or organic based fluids while drilling in overburden to stabilize the borehole and remove cuttings.

### HOLLOW STEM AUGER DRILLING

Augers rigs utilize hollow stem augers of various sizes (3 ¼ inch ID to 10 ¼ inch ID) to drill and sample soil borings and install monitoring wells in overburden formations.

### HYDROPUNCH GROUND WATER SAMPLING

Industry accepted direct push technology is employed to collect a discreet representative water sample in overburden formations.

### ROCK CORING

NQ and HQ wire line rock coring systems are utilized to obtain rock cores of bedrock formations.

### GEOPROBE "DIRECT PUSH" SAMPLING

This versatile drilling method is used to quickly and efficiently collect soil and ground water samples from overburden formations. Soil vapor sampling systems are also available to obtain soil gas samples.

### ORC/HRC INJECTION

ORC and HRC drilling and injection is performed with Direct Push drilling techniques and specialized high pressure injection/pumping equipment.

### PACKER TESTING

Inflatable packers are used to straddle packer tests specified zones in bedrock boreholes. Specialize manifolds, data recording systems and metering systems are available to provide accurate recording of packer test data.

### PUMP TESTS

A wide variety of pumping and flow meter manifold systems are available to accurately record pump tests data.

### MULTIPOINT WELL INSTALLATION

Multipoint well installations are performed for economy and efficiency of ground water investigation/remediation systems. SGS crews are experienced in both bed rock and overburden multipoint well installations.

### EXCAVATION & TEST PITTING SERVICES

In addition to our drilling services, SGS can provide experienced crews and required equipment to execute tests pit requirements.

### REDEVELOPING, MAINTAINING & CHEMICAL TREATMENT OF WELLS

SGS has equipment and well trained crews who specialize in providing Well Pump Maintenance, Well redevelopment and chemical treatment.

SGS is the world's leading inspection, verification, testing and certification company. Recognized as the global benchmark for quality and integrity, we employ 80,000 people and operate a network of more than 1,650 offices and laboratories around the world.



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WHEN YOU NEED TO BE SURE

**SGS**