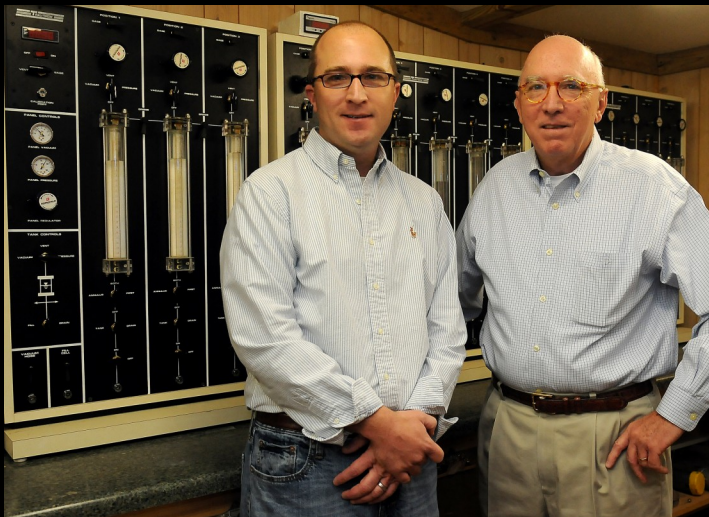


CONSTRUCTION QA/QC AND MATERIALS TESTING



ENVIROTECH ENGINEERING & CONSULTING, INC., based in Enid, Oklahoma, is veteran-owned and operated. What started in 1992 as a two-man partnership servicing primarily northwestern Oklahoma, has grown into a full-service design engineering, environmental consulting, and geotechnical services firm servicing public and private clients throughout the United States.

ENVIROTECH is known for its ability to deliver high-quality civil engineering and environmental consulting services within given schedule and cost constraints. We strive to complete every project in the most effective and efficient manner, while adhering to both the schedule and budgetary limitations of our clients. Over 90% of our business is generated from repeat clients.

Construction QA/QC

ENVIROTECH ENGINEERING & CONSULTING, INC., offers a comprehensive Construction Quality Assurance/Quality Control (QA/QC) Program that focuses on testing and inspection services for large-scale construction projects. We oversee contractors, owner's interests, and ensure all regulatory requirements are met during construction.

ENVIROTECH's staff has experience providing QA/QC for a multitude of earthwork and landfill construction or closure, including soils, geotextiles, concrete, rebar, structural steel inspection, and coating inspection. ENVIROTECH also offers QA/QC for construction of DOD facilities; educational facilities expansion projects; large commercial construction; and agricultural facilities.

Our technicians have qualifications in the following:

Concrete Sampling and Testing

Nuclear Field Density Testing

Drilled-Pier Inspection

Footing Inspection and Testing

Reinforcing Steel Inspection

Inspection of Structural Steel Fasteners

Asphalt Field Density Testing

Concrete and Asphalt Coring



Construction Materials Testing

ENVIROTECH ENGINEERING & CONSULTING, INC., offers Level I, II, and III Concrete/Soils Technicians. ENVIROTECH provides technicians that are ACI and Troxler certified with a wide range of experience in soil, aggregate, and concrete testing. Our geotechnical testing laboratory maintains the Army Corps of Engineers' and Oklahoma Department of Transportation accreditation for providing soil, concrete, and aggregate testing.



Laboratory Testing (per ASTM standards):

Field Density Testing (D2922, D3017)

Atterberg Limits (D4318, D4312)

Density, Drive-Cylinder (D2937)

Flexible Wall Permeability (D5084)

Percent Passing #200 Sieve (D1140)

Coarse Material Sieve (C136)

Grain Size Analysis—Hydrometer or Sieve Only (D422)

Granular Soil Permeability (D2434)

Standard and Modified Proctors (D698 and D1557)

Moisture Content (D2216)

Oversize Correction (D4718)

USCS Soil Classification (D2487)

Specific Gravity (D854)

Porosity

Standard Penetration Testing (D1586)

Concrete Sampling & Testing (C172, C143, C1064, C138, C31, C231, C138, C173)



Concrete Compressive Strength Testing (C39)

Grout Strength Testing (C1019)

Mortar Testing (C109)

Concrete and Asphalt Core Sampling

Flexural Strength Testing (C78)

Prism Testing (C1314)



Other Services



ENVIROTECH ENGINEERING & CONSULTING, INC., provides complete solutions to your design engineering, environmental consulting, and quality control/quality assurance needs. Our complete range of integrated services enables us to manage most any infrastructure or environmental project from conception through development, planning, design, and construction oversight. Our geotechnical testing laboratory has received the Army Corps of Engineers' accreditation for providing soil, concrete, and aggregate testing.

Service Areas:

Petroleum Industry

Waste Disposal Design and Construction

Agribusiness

Environmental Assessments and Permitting

Environmental Sampling and Field Services

Geotechnical and Environmental Drilling

Geotechnical Engineering and Design

Site Development

Municipal Infrastructure Design

Wind Energy

LLRW Disposal Facility in Andrews, TX

ENVIROTECH ENGINEERING & CONSULTING, INC., is serving as the Quality Assurance agent of the General Contractor during construction of a Low-Level Radioactive Waste Disposal Facility (LLRW) for Waste Control Specialists, LLC. DelHur is the general contractor. ENVIROTECH developed and implemented the NQA-1 Quality Assurance Program (QAP) and is providing continual monitoring and administration throughout the course



of the project. In addition, ENVIROTECH is providing on-site Quality Control for all QL-1 items to include soil and plastic liner systems. ENVIROTECH is also providing on-site quality control testing on concrete placements; however, this is a QL-2 item. In order to accommodate these activities a laboratory and office trailer were mobilized to the site at start-up and will remain through completion. ENVIROTECH is providing a full-time on-site Construction Coordinator and technician who have extensive experience in all aspects of landfill and heavy civil construction. Testing provided includes: permeability, gradation, base coarse, proctors, specific gravity, USCS classification of soils, natural moisture, and field densities for soils and all field testing and compressive strength testing for concrete.

Nuclear Waste Disposal Facility in Richland, WA



ENVIROTECH ENGINEERING & CONSULTING, INC., provided professional services at the Hanford site in Richland, Washington, between 2003 and 2010 on four (4) major projects. The Department of Energy (DOE) had overall

responsibility for the site with the U. S. Environmental Protection Agency (U.S.EPA) and the Washington State Department of Ecology providing oversight services.

The four (4) project scopes included providing Construction Quality Assurance (CQA) and Final Construction Certification services for landfills designed to contain low-level nuclear and hazardous waste. ENVIROTECH's primary role included CQA services for both earthwork and geosynthetics as well as leachate and infrastructure piping and control systems. In this role, ENVIROTECH served as a subcontractor to Bechtel Hanford, Inc., CH2MHill, and Washington Closure Hanford. ENVIROTECH provided an on-site Quality Assurance (QA) Professional Engineer, soil and geosynthetic technicians, and equipment for this project.

Concrete and Soil Testing at Vance AFB, OK

ENVIROTECH ENGINEERING & CONSULTING, INC., has provided service on numerous projects at Vance Air Force Base. Specific projects include the following:

- ENVIROTECH provided soil and concrete testing at Taxiway F as well as a Stormwater Pollution Prevention Plan.
- ENVIROTECH provided soil and concrete testing at Taxiway C.
- ENVIROTECH provided QA/QC testing and inspection services required by the U.S. Army Corps of Engineers for ECI Construction for the fuel systems maintenance hangar construction project. These services included soil, concrete and asphalt testing, as well as inspecting all foundation installations, steel structures, and piers.
- ENVIROTECH provided all QA/QC testing and inspection services required by the U.S. Army Corps of Engineers for an \$11 million military housing construction project. These services included soil, concrete and asphalt testing, as well as inspecting all foundation installations and steel structures.



ENVIROTECH ENGINEERING & CONSULTING, INC., maintains a comprehensive health and safety plan and develops site-specific plans for the following:

- 40 Hour Hazwoper
- Forklift Safety Certification
- CPR and First Aid
- OSHA General Safety & Health
- HAZMAT Certification
- Nuclear Gauge Safety



NAICS Codes

541330 541620
541340 562910



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Robert L. Stallings, PE, Chairman

Chairman/Principal Engineer/Project Manager

Robert L. (Rob) Stallings, Principal Engineer and Owner, has served as a practicing engineer for over 30 years. Stallings has accumulated a broad range of expertise in the areas of energy, environmental, and engineering projects throughout the continental United States. In addition, he is principally responsible for all of the firm's field services, which include construction inspection, subsurface drilling, field and laboratory testing, environmental monitoring, surveying and geophysics.



Education/Qualifications:

B.S., Mechanical Engineering; Auburn University (1974)

Licensed Professional Engineer:

Washington, Oklahoma, Alabama, Arkansas, Colorado, Georgia, Kansas, Mississippi, Montana, North Dakota, South Carolina, South Dakota, Texas

Monitoring Well Drilling Contractor:

Oklahoma and Kansas

Professional Affiliations:

National Society of Professional Engineers, Oklahoma Society of Professional Engineers

Relevant Project Experience

Multiple Cell Construction Projects at the Hanford Facility in Richland, WA. Stallings served as Certifying Engineer and headed the CQA organization during cell expansions at a Department of Energy (DOE) Environmental Restoration Disposal Facility (ERDF) in Richland, Washington.

Clean Harbors Lone Mountain Facility Cell 15 Subcells 3, 4, and 5 in Waynoka, OK. Stallings served as the Principal-in-Charge and Certifying Engineer (soils) during multiple expansions of Clean Harbors Environmental Services Lone Mountain Facility Cell 15. The facility is permitted through the Oklahoma Department of Environmental Quality as a RCRA facility.

CQA for Expansion of Enid Municipal Landfill. Stallings served as the Principal-in-Charge during the provision of CQA services for the upgrade of Subcells 8D and 9E at the Enid, Oklahoma, municipal landfill.

Multiple CAFOS, Northwestern OK. Stallings served as the Principal-in-Charge during the provision of geotechnical and liner quality assurance services during the development of confined animal feeding operations (CAFOS) throughout Oklahoma.

Jimmy R. Stallings, PE, President

President/Principal Geotechnical Engineer

James R. (Jimmy) Stallings, P.E., has gained extensive applied experience in materials testing and inspection projects for both government and private sectors. This experience includes serving as the Quality Assurance Officer for ENVIROTECH's Army-Corp-of-Engineers-certified laboratory and conducting numerous geotechnical investigations for projects ranging from small residential structures to large industrial facilities. Stallings coordinates technicians, reviews laboratory and field test results, and makes recommendations based on those findings.



Relevant Project Experience

Taxiway F Testing at Vance Air Force Base in Enid, OK. Stallings served as the principal-in-charge during testing services required by the U.S. Army Corps of Engineers, which included soil and concrete testing.

Military Housing Construction at Vance Air Force Base in Enid, OK. Stallings served as the QA/QC Supervisor during QA/QC testing and inspection services required by the U.S. Army Corps of Engineers, which included soil, concrete, and asphalt testing.

Wastewater Reclamation Facility in Enid, OK. Served as Project Manager during the provision of geotechnical and civil/site engineering services prior to construction of a new Wastewater Reclamation Facility (WRF). During construction, ENVIROTECH provided construction inspection and oversight with Jacobs Engineering.

Hotel Construction in Oklahoma City, OK. Stallings served as the project manager during ENVIROTECH's provision of a site inspection and density and construction materials testing services for a 117-room hotel construction project in Oklahoma City, OK.

Education/Qualifications:

B.S., Civil Engineering; Auburn University (1999)

Masters Program in Civil Engineering, Water Resources, and Environmental Fluid Mechanics; Georgia Institute of Technology

Licensed Professional Engineer:

Oklahoma, Kansas, New Mexico, Texas, Utah, Wyoming

Registrations:

Radiation Safety Officer Certification, Troxler Certification for Nuclear Gauge Safety, HazMat Nuclear Gauge Training; 40-Hour OSHA Certified

Professional Affiliations:

ASTM International, Oklahoma Groundwater Association