

# ENVIRONMENTAL CONSULTING SERVICES



(800) 864-0536 www.envirotechconsulting.com

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.

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.

NAICS Codes 541330 541620 541340 562910



### **Environmental Assessments and Permitting**

ENVIROTECH has established a solid reputation built on performance and our proven ability to deliver technically-sound, cost-effective solutions to our clients' environmental project needs. Our staff not only has extensive experience with environmental projects, but we offer a sound capacity for addressing all technical issues and an intimate knowledge and sensitivity to budgetary issues, schedule compliance, response to public interest and input, and health and safety issues.

### **Environmental Studies / Assessments**

Phases I, II, and III Environmental Site Assessments (ESAs) Indoor Air Quality Assessments Risk Assessments Environmental Information Documents Tank Closure Site Assessments



### **Regulatory Compliance**

Federal, State, and Local Regulatory Permitting
National Environmental Policy Act (NEPA) Compliance
Spill Prevention, Control, and Countermeasure (SPCC) Plans
Stormwater Pollution Prevention (SWPP) Plans
Stormwater Discharge Permitting
UST/AST Compliance
Air Emission Inventories
OSHA Compliance
SARA Title III Filing

#### **Pollution Assessments**

Delineation of Soil and Groundwater Contamination Monitoring Well Installation

### **Remediation System**

Design Implementation Long-Term Monitoring



### **Environmental Sampling and Field Services**



ENVIROTECH provides environmental sampling and field services. ENVIROTECH maintains a portable environmental field testing laboratory for salinity and hydrocarbon testing. In addition, we provide recurrent

groundwater sampling and monitoring programs for clients

### Services

Groundwater and Soil Sampling
Hydrologic Analysis and Aquifer Testing
Water Quality Monitoring
Oilfield Contamination Assessment and Remediation
Electromagnetic Surveying
Indoor Air Quality Survey
Contaminant Monitoring
Mold Survey
Monitoring Well Installation
Soil Borings
Geoprobe
NORM Surveys



### **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.

### Services

- Petroleum Industry
- Waste Disposal Design and Construction
- Agribusiness
- Geotechnical and Environmental Drilling
- Geotechnical Engineering and Design
- Construction Materials Testing
- Construction QA/QC
- Site Development
- Municipal Infrastructure Design
- Wind Energy







### **Johnson Space Center, Houston TX**

ENVIROTECH ENGINEERING & CONSULTING, INC., provided environmental services to NASA as a sub-contractor to CSC Applied Technology, Inc.'s Facilities Support Services Contract. ENVIROTECH'S primary responsibilities included pick-up and handling of Industrial Solid Waste (ISW) generated



at the facilities to include collection, storage, disposal and tracking of all ISW generated at the facility. In addition, ENVIROTECH provided 24-hr./day, 7-days/week Emergency Spill Response Services. ENVIROTECH provided Environmental Operations, Consulting, and Compliance for several systems to include a groundwater remediation system and waste treatment systems as well as a Water Pollution Control and Prevention Program; Sanitary Sewer Discharge Field Program; Stormwater Field Program; and a Spill Prevention, Control, and Countermeasures Field Program.

### **B&W Pantex, Amarillo, TX**

Pantex is a government-owned, contractor-run (Babcox & Wilcox) facility located in Amarillo, Texas, that assembles and disassembles nuclear weapons. Environment currently has a design contract with Pantex to evaluate and update a 300-acre drip irrigation system designed to dispose of all industrial and domestic wastewater from the site. The system also



receives wastewater from two (2) pump-and-treat remediation systems located at the facility. This system is permitted and regulated through the Texas Commission on Environmental Quality (TCEQ).

ENVIROTECH's tasks include evaluating and re-engineering the existing system to improve the efficiency as well as increase the irrigated area to approximately 400-acres. The system includes pumps, filters, meters, and a SCADA control system that all will require some level of upgrade.

All on-site work tasks are performed under very stringent security and operational nuclear protocols.

### Vance AFB and Kegelman Auxiliary Field, OK

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

 Drilling, developing, and sampling new monitoring wells installed to investigate potential contaminated sites.



- Plugging of monitoring wells no longer required for investigative purposes.
- Geoprobe investigation activity in support of potential contaminated site locations and delineation.
- On-call sampling of monitoring wells, surface water features, and remediation systems. Projects ranged from large sampling events to specific well re-samplings.
- Resource Conservation and Recovery Act (RCRA) permit compliance.
- ENVIROTECH staff coordinated directly with the Vance IRP Program manager to ensure full compliance for all requirements and applicable systems during the term of the contract.

### Vance AFB and Kegelman Auxiliary Field, OK

- ENVIROTECH technical staff provided daily oversight and operation of the Central Groundwater Treatment Facility. This included all of the components housed within the facility as well as operation of the air compressor units, down hole pumps, valves and other equipment associated with groundwater recovery systems. The full-time CGTF operator was supported by ENVIROTECH's maintenance superintendent to ensure continuous operations of all mentioned facilities.
- ENVIROTECH provided technical staff for the maintenance of the Site 03 Phytoremediation system. ENVIROTECH technical staff provided daily monitoring and operations maintenance for the air stripping unit and associated components at site DP-05.
- Daily operation and maintenance support of the remediation system located at IRP Site 5. In addition, repair support for equipment and system during malfunctions.



### Robert L. Stallings, PE, Chairman

Chairman/Principal Engineer/Project Manager

Robert L. Stallings, Principal Engineer, serves as principal-in-charge for all environmental projects undertaken by Envirotech. Stallings has also gained applied expertise in the areas of feasibility studies, pollution assessments, geophysical surveying, remediation system design, underground storage tank investigations, and risk assessments. 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**

Nuclear Waste Disposal Facility in Richland, WA. Project Principal and Certification Engineer for four projects providing CQA and Final Construction Certification services for landfills designed to contain low-level nuclear and hazardous waste.

#### B & W Pantex Design Project in Amarillo,

**TX.** Project Principal and Certification Engineer for update of a 300-acre drip irrigation system designed to dispose of all industrial and domestic wastewater from the site.

Johnson Space Center, Houston, TX.
Project Principal for environmental services subcontract. ENVIROTECH's primary responsibilities included pick-up and handling of Industrial Solid Waste (ISW) generated at the facilities to include collection, storage, disposal and tracking of all ISW generated.

Shaw Site 5 GTU Remediation System Sampling at Vance AFB in Enid, OK. Served as Project Manager during the collection of influent and effluent samples from the remediation system to ensure compliance with the City of Enid's Industrial User Permit.

### James R. Stallings, PE, President

President/Principal Geotechnical Engineer

James (Jimmy) R. Stallings, Principal Engineer, has gained extensive experience in materials testing and inspection projects for both government and private sectors. This experience includes serving as the Quality Assurance Officer for Environment's Army-Corps-of-Engineers-certified laboratory and conducting numerous geotechnical investigations for projects ranging from small residential structures to large industrial facilities. In addition, Stallings serves as the laboratory manager and has supervised technicians serving as QA/QC inspectors.

### **Relevant Project Experience**

Nuclear Waste Disposal Facility in Richland, WA. Stallings spent time on site observing both soil and synthetic liner placement for four projects providing CQA and Final Construction Certification services for landfills designed to contain low-level nuclear and hazardous waste.

**Expansion of Municipal Landfill in Enid, OK.** Stallings served as the principal-incharge during the provision of CQA services for a subcell upgrade at the municipal landfill in Enid, OK.

## Abbott Labs Evaporative Lagoon Cap Design and Construction in Haysville, KS. ENVIROTECH provided cap design and CQA/ COC services for an evaporative Jagoon in

CQC services for an evaporative lagoon in Haysville, Kansas. Stallings conducted the initial borrow source investigation and assisted in the lagoon cap design.

**Military Housing Construction at Vance AFB 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.



#### **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