



Enviro-Logical Solutions, Inc.

Providing Tomorrow's Solutions, Today

Fact Sheet

Headquarters: 5147 West Clifton Street
Tampa, Florida 33634

Active Procurement Access Vehicle:

Website: <http://www.enviro-logical.com>



Business Size: Small Business

NAICS Codes: 541330, Engineering Services
562910, Remediation Services

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Keywords: Soil and groundwater remediation
Petroleum cleanup
Environmental engineering
Property assessment
Compliance management

Special Equipment: Mobile remediation trailers

Geographic coverage: Florida < Southeast U.S. < Continental U.S.

Membership: Florida Petroleum Marketers and Convenience Store Association (FPMA)
Steel Tank Institute (STI)
Petroleum Equipment Institute (PEI)
Terminal Properties Exchange (TPE)

Environmental Services



Schedule
Contract GS-10F-0006R

Enviro-Logical Solutions, Inc. (ELS) is a full-service environmental engineering, remediation and consulting firm providing services throughout the southeastern and continental United States. Our mission is, and always has been, to provide our clients with innovative and cost-effective solutions that enable them to achieve regulatory compliance while reducing their environmental liabilities and protecting our natural resources.

Our commitment to GSA, and all our clients, encompasses four key concepts:

- **Innovation in Design.** ELS continually improves its remedial designs in order to provide clients with the most effective strategy possible. Our professional engineers and geologists are frequent speakers at regional and national conferences on the remediation of contaminants including petroleum hydrocarbons and arsenic.
- **Ingenuity in Programs.** ELS consistently saves clients money by keeping up-to-date with funding programs and working with the client and regulatory agencies to find the most cost- and technically-effective solution.
- **Quality Service.** ELS has built its reputation on exceptional customer service, and we know that there is no substitute for doing it right the first time. We deliver quality service without sacrificing time or thoroughness.
- **Safety at All Times.** All field personnel are OSHA trained, and our exceptional safety record is a testament to the integration of safety procedures into our daily operations.

899-2: Compliance Services

- UST and AST Services
- SPCC Plans
- Storm Water Permitting
- Storm Water Pollution Prevention Plans
- Environmental Compliance Audits
- Phase I, II and III Environmental Site Assessments
- Integrated Contingency Plans
- Best Management Practice (BMP) Studies
- Air Quality Permitting

899-4: Waste Management Services

- Characterization of Unknown Contaminants
- Evaluation of Environmental and Health Risks of Unknown Contaminants
- Investigation of RCRA-Related Issues
- Waste Management Plans
- Contingency Plans for Hazardous Materials Incidents
- Creation of Software Programs for Management of Environmental Programs

899-3: Occupational Training Services

- 40 CFR 112, SPCC Rule
- OPA90, Spill Management
- Storm Water Sampling and Management
- Materials Handling
- RCRA Reporting

899-8: Remediation Services

- Air Sparging (AS)
- Soil Vapor Extraction (SVE)
- Multi-Phase Extraction (MPE)
- Biosparging
- Bioventing
- Bioslurping

View our catalog online
www.enviro-logical.com/gsa.htm
www.gsaadvantage.gov

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Work Experience

Leak Detection Monitoring Fort Worth, Texas

Work Completed	June 2005
Approx. Revenues	\$100,000 of \$180,000
Client	Charleston Air Force Base
Point of Contact	J.D. Davis, (817) 782-6480
Key Personnel	John L. Krabbe, P.E., David, E. Troutman, P.G., Christopher D. Troutman
Key Services	Program design and implementation; AST/UST compliance; monitoring

Project Description

ELS performed monthly and quarterly leak detection monitoring for three aboveground jet fuel storage systems that included a storage capacity of nearly five million gallons, 2000 feet of buried pipeline, six additional underground storage tanks (USTs) and oil water separators.

Monthly injections of a volatile, non-reactive tracer were dispensed into all the fuel distribution systems, and subsurface samples were collected and analyzed to evaluate if a line or tank leak was present. The use of tracer technology provided a sensitivity of two to twenty times that of conventional tank and line testing. The results of the tests were stored in an electronic database, and monthly reports were generated for compliance managers. On several occasions, minor spills occurred and were detected due to the tracer. Follow-up sampling pinpointed the source of the spill, and localized contamination was remediated.

Free Product Recovery Washington, DC

Work Completed	January 2005
Approx. Revenues	\$50,000
Client	Naval Facilities Engineering Command (NavFac) Washington
Point of Contact	Ashish Desai, P.E., (202) 685-3276
Key Personnel	Joseph M. Fuhr, P.G., Christopher D. Troutman
Key Services	Assessment; construction; injection; monitoring; reporting

Project Description

NAVFAC Washington approached ELS regarding the presence of persistent free product (gasoline and heating oil) in monitoring wells at the Naval Observatory (NOBSY) in Washington, DC. Despite over five years of free product recovery and four years of monthly vacuum extraction events, the free product persisted around the former heating oil UST. ELS proposed conducting a pilot test utilizing surfactant injection to aid in emulsifying the free product. Fyrezyme™ was subsequently chosen as the injection medium.

After conducting two injections, free product was no longer measurable in the monitoring wells. No free product has been observed for the last year. ELS anticipates that after one more year of regulations-required monitoring, no further action will be required.

AST and UST Compliance Inspections Washington, DC

Work Completed	June 2004
Approx. Revenues	\$150,000 of \$225,000
Client	Engineering Field Activity (EFA) Chesapeake
Point of Contact	Ashish Desai, P.E., (202) 685-3276
Key Personnel	David E. Troutman, P.G., Christopher D. Troutman, Starlet S. Wright
Key Services	Project coordination; data compilation and reporting; AST secondary containment; spill prevention programs; compliance reports; database development; quality assurance

Project Description

ELS performed monthly compliance inspections of approximately 150 aboveground and underground storage tanks at seven U.S. Navy Activities within Naval District Washington (NDW) under an ID/IQ contract with EFA Chesapeake.

Initial inspections were performed by ELS engineers to identify deficiencies in the existing method of containment, compliance with the Facility Response Plan (FRP), and to develop Best Engineering Practices to repair or improve deficient fuel storage systems. Monthly compliance inspections were performed at each Activity along with inspections to evaluate secondary containment areas following rain/snow events. ELS developed a database to electronically store and sort compliance data compiled during inspections. The inspection results were reported to NDW and each Activity electronically and in a quarterly compliance report.

Spill Prevention, Control and Countermeasure (SPCC) Plans Multiple Locations, Southeast U.S.

Work Completed	2003
Approx. Revenues	\$250,000
Client	Naval Facilities Engineering Command (NavFac) Southern Division (SouthDiv)
Point of Contact	Herb Frasier-Rahim
Key Personnel	David E. Troutman, P.G., Joseph M. Fuhr, P.G., John L. Krabbe, Adrian A. Smith, E.I.T.
Key Services	Project management; SPCC Plans for all but one base

Project Description

ELS completed SPCC Plans at seven Navy Bases within Southern Division NAVFAC in compliance with the revised *40 CFR 112 Environmental Protection Regulations on Oil Pollution Prevention*, published July 17, 2002 by the USEPA. The scope of services at all facilities included inspection of over 400 tanks, drum storage areas, oil-water separators, grease traps, and mobile tanks and an evaluation of the adequacy of containment and the potential for leaks at each site.

Fuel storage systems ranged in size from 55 gallons to 3 million gallons. Over 700 transformers were evaluated to determine if they were covered under the revised regulations and, if so, what spill control and countermeasure were required. Best Engineering Practices were developed for transformer maintenance and spill control. Recommendations were also provided for integrity testing of each containment based on site-specific data compiled at each location.

RCRA Remediation and Oversight Charleston, South Carolina

Work Completed	May 2002
Approx. Revenues	\$160,000 of \$3,000,000
Client	Charleston Air Force Base
Point of Contact	Glen Easterby
Key Personnel	Barry J. Lester, P.E.
Key Services	Waste management and disposal; construction oversight; drilling; sampling and analysis; site assessment; health and safety; plan preparation

Project Description

ELS served as a subcontractor to Arctic Slope Construction, Inc. (ASCI) providing various environmental services and construction oversight during land disturbing activities and installation of underground utilities. The contract specifications required an environmental quality assurance specialist and an on-site health and safety officer during operations, and ELS personnel fulfilled these positions.

After reviewing the contract specifications and drawings, ELS developed a site-specific Health and Safety Plan, a Land Disturbance Plan, a Material Disposal Plan, and associated documentation as necessary to comply with the MILCON contract documents. ELS then provided continuous health and safety monitoring and managed all waste removal, storage, transport, and disposal operations. Contaminants of concern included jet fuel, diesel fuel, RCRA metals, pesticides and other related fuels and petroleum products. ELS also provided drilling services, sampling and analysis services and site assessment reports.

Each phase of this project was completed within the estimated schedule and costs were well below the projected budget for each phase of the project. Due to tight time constraints, ELS worked closely with ASCI to ensure the construction schedule and critical path efforts were met for the environmental portions of the work.