

## Timothy J. Herbert, P.G. | Manager, Environmental Services

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### Professional Summary:

Mr. Herbert has over 33 years of experience specializing in soil and groundwater assessments. Mr. Herbert has extensive experience with assessments as part of property transactions ranging from Phase I Environmental Site Assessments to Phase II Environmental Site Assessments. Mr. Herbert has a long history of interaction with state regulatory agencies on behalf of clients. Mr. Herbert has extensive background in underground storage tanks (USTs). Mr. Herbert has experience in designing UST systems, removing UST systems and remediation of soil and groundwater associated with releases from UST systems.

### Areas of Expertise

- Phase I/II Environmental Site Assessments
- Underground Storage Tanks
- Soil and Groundwater Remediation
- Project Management

### Licenses and Certifications:

Professional Geoscientist, Geology, Texas, License No. 2932

Professional Geoscientist, Louisiana, License No. 139

Corrective Action Project Manager, Texas, CAPM No. 00032

### Project Experience:

#### **U.S. Postal Service**

Managed an Underground Storage Tank (UST) program for the U.S. Postal Service in Texas, Oklahoma and Arkansas. Responsibilities included contractor work order preparation, supervision of tank installations and removals, environmental sampling, site assessments and site remediation.

#### **City of Houston**

Managed construction contracts involving the City of Houston underground storage tank program. Responsible for construction oversight during tank installations and removals. Responsibilities also included environmental assessments/remediation associated with leaking underground storage tanks.

#### **Texas Commission on Environmental Quality (TCEQ)**

Managed a state-lead remediation contract for the TCEQ. Responsibilities included contract negotiation, contract management and supervision of remedial activities. This contract included over 60 sites throughout Texas.

#### **U.S. Army Corps of Engineers**

Provided corrective action support for leaking underground storage tanks in Arkansas, Kansas and Ft. Worth, Texas. Projects included soil and groundwater assessment, groundwater modeling and human health risk assessments. The corrective actions included in-situ remediation of hydrocarbon-impacted groundwater.

**City of Galveston**

Provided environmental services to the City of Galveston, Texas when an unknown black petroleum substance was encountered during the renovation of a former water plant. The project involved collection of a sample of the material to determine if it was hazardous. Once it was established that the material was not hazardous, the material was removed for disposal at a permitted landfill. The material appeared to be sludge from a former bulk fuel tank that powered on-site water pumps. The TCEQ was consulted as to which program would handle the site and, once the program was identified, sampling of soil and groundwater was completed. Additional contamination was identified and removed. Upon completion of the delineation and remediation activities, the site was closed by the TCEQ.

**City of Galveston**

Provided environmental services to the City of Galveston, Texas when an unknown (ghost) UST was encountered during street improvement activities. Provided oversight for the removal contractor, collected the required environmental samples and coordinated with the TCEQ to obtain closure for the tank.

**Texas Department of Transportation (TxDOT)**

Provided technical support and oversight of a Phase II ESA for the TxDOT for a planned highway bypass in Corsicana, Texas. The Phase II consisted of locating and collecting samples near oil wells located in the right of way. Many of the wells were not listed with the Texas Rail Road Commission. The purpose of the sampling was to determine if remediation would be required prior to road construction activities. Soil samples were collected from near approximately 30 oil wells and tank batteries.

**Major Oil Company, Texas, Oklahoma and New Mexico**

Provided technical management of 15 oil field and truck stop facilities. Responsibilities included oversight of assessment and remediation activities and negotiations with state agencies to facilitate closure. Regulatory closure was obtained for more than half of the sites within the first year of the program.

**Major Drilling Fluids Company, Texas and Louisiana**

Performed Phase I and II ESAs on 23 drilling mud facilities in Texas and Louisiana. Of the 23 sites, 3 required extensive remediation in accordance with Louisiana Department of Environmental Quality (LDEQ) and TCEQ regulations. All three sites were successfully closed under the applicable rules.

**Industrial Battery Warehouse, Houston, Texas**

Managed the removal and disposal of approximately 75 cubic yards of lead-impacted soils associated with an industrial battery company's warehouse. Represented the client in negotiations with the Houston Police Department (HPD), the City of Houston Environmental Health Division and the TCEQ. Based on Mr. Herbert's efforts, the client avoided any criminal or civil penalties.

**Anodizing Facility, Missouri City, Texas**

Provided technical support for the delineation of soils impacted by anodizing operations after surface and subsurface soils were impacted by metals associated with the site operations over a period of approximately 30 years. Worked closely with the TCEQ to address concerns about residual soil concentrations and, based on that work, a Certificate of Completion was issued for the site.

**Printed Circuit Board Manufacturer, Santa Clara, California**

Provided technical support, project management and regulatory coordination for a 150,000 square foot printed circuit board manufacturing facility. The building's tenant went out of business and abandoned a large quantity of hazardous materials and hazardous waste in the building.

Additionally, chemicals used in the manufacturing process seeped through cracks and joints in the concrete floors and impacted shallow soils. Coordinated the removal of the hazardous waste and materials, decontamination of the remaining facility and equipment and the removal of impacted soils. The site was closed by the state and county regulators following the submittal of closure documents and a human-health risk assessment.

**Metal-Contaminated Site, El Paso, Texas**

Provided technical support for the delineation of soils impacted by historical operations. Surface and subsurface soils were impacted by metals associated with a slag-type material that was placed on the site during the early 1900's as fill. Mr. Herbert worked closely with the TCEQ to address concerns about residual soils concentrations associated with the slag both on-site and off-site. Successfully argued that off-site properties did not have to be assessed based on the source of contamination, contrary to standard TCEQ rules. Based on that effort, a No Further Action letter was issued for the site.

**Professional Experience:**

- EFI Global, Inc., Manager, 2023 - present
- EFI Global, Inc., Senior Project Manager, 2006 – 2022
- SSCI, Senior Project Manager, 2005 - 2006
- US Labs, Director of Environmental Services, 2004 - 2005
- ENSR, Project Manager, 1990 - 2004
- BJ Services, Technical Services, 1988 – 1990
- Core Laboratories, Core Analyst, 1984 – 1988

**Education:**

- Bachelor of Science, Geology, Texas Tech University, Lubbock, Texas, May 1984.