

# **PETER B. LEE, M.S., P.G., P.H.**

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## **A r e a s o f E x p e r t i s e**

- 20 years environmental project management experience
  - Technical and management skills in marine, coastal and environmental geology and geophysics for natural resource development and environmental management.
  - Extensive experience in DNAPL and chlorinated hydrocarbon investigations and remediation.
  - Management of CERCLA, RCRA and UST projects.
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## **P r o f e s s i o n a l E x p e r i e n c e**

### **PRINCIPAL HYDROGEOLOGIST**

- Marine geologist/geophysicist providing geophysical interpretation and geological hazard reports to marine survey contractors and oil companies.
- Expert witness/litigation support for environmental law cases involving oil leases and investigations.
- Response Action Contractor (RAC) for leaking underground storage tank (LUST) investigations and remediation.
- Project Manager for RCRA Facility Investigation/Corrective Measures Study for chemical plant with chlorinated hydrocarbon release.

### **CHIEF HYDROGEOLOGIST**

- Provided technical services both as an employee and contractor for DNAPL recovery and containment at a Superfund site in Baton Rouge. Responsible for \$3mm annual budget.
- Managed field drilling, sampling, and documentation of over 190 recovery wells and 350 test borings and wells.
- Applied groundwater and fate & transport modeling, geostatistics, ecological risk assessment, natural attenuation, geological data base management, 3-D stratigraphy, and geophysics to cost-effectively characterize subsurface conditions.
- Prepared Remedial Investigation/Feasibility Studies reports for two areas of Superfund site.

- Provided geological and hydrogeological assessment for solid waste permit application.

#### DISTRICT HYDROGEOLOGIST

- Provided technical support for industrial and petroleum site investigations and remediation in Louisiana, Mississippi, Arkansas, and Texas.
- Co-authored RFI work plan for chemical plant in Lake Charles, LA.
- Performed assessments and corrective action for over 150 LUST sites.
- Used surface geophysics to define groundwater contamination at two landfill sites.

#### GEOPHYSICIST/GEOPHYSICAL TECHNICIAN

- Performed marine geophysical (deep and high resolution seismic) surveys as technician and party manager.
- Performed geophysical processing and provided interpretation for geological hazards assessments for petroleum exploration.

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## E d u c a t i o n

**Louisiana State University Coastal Studies Institute**  
Baton Rouge, LA  
*M.S. Marine and Coastal Geology, 1986*

**University of Southern Mississippi**  
Hattiesburg, MS  
*B.S. Marine Biology, 1977*

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## P r o f e s s i o n a l A c c r e d i t a t i o n s

Certified Professional Hydrogeologist –American Institute of Hydrogeology

Registered Professional Geologist-Mississippi

Registered Professional Geologist-Arkansas

Licensed Water Well Contractor-Louisiana

40 Hour HAZWOPER Training

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## P u b l i c a t i o n s & P r e s e n t a t i o n s

**Lee, Peter B.**, 1998, *Application of Hydraulic Containment and Natural Attenuation of Chlorinated Organics*, in Proceedings of the National Ground Water Association, 50th Annual Meeting, Las Vegas.

Chaphalkar, P.G., K.T. Valsaraj, W.D. Constant, D. Roy, and **P.B. Lee**, 1996, *Application of Anionic and Nonionic Surfactants in the Enhancement of Pump and Treat Remediation Using Colloidal Gas Dispersions*, in Proceedings of the American Chemical Society I&EC Special Symposium, Birmingham, AL, September 9-11.

**Lee, Peter B.**, 1994, *Management of a Long-Term Drilling Program at a NPL Site*, in Workshop Notebook, National Ground Water Association, 8<sup>th</sup> Annual National Outdoor Action Conference, Minneapolis.

**Lee, Peter B.**, 1994, *Application of a High-Resolution Seismic Survey at a NPL Site in Louisiana*, in Proceedings of the National Ground Water Association, 8<sup>th</sup> Annual National Outdoor Action Conference, Minneapolis.

**Lee, Peter B.**, and Charles Sprague, 1991, *Application of Aquifer Characteristic Testing Methods in Low-Yield Formations*, in Proceedings of Association of Engineering Geologists, 34<sup>th</sup> Annual Meeting, Chicago.

**Lee, Peter B.**, 1986, *Geomorphology of the Modern Mississippi Delta Front*, M.S. Thesis, Louisiana State University Library.

Guest Instructor of Dr. Dale Easley for Field Methods and Advanced Hydrogeology courses at the University of New Orleans (1991-1994).

Guest Instructor of Brad Hanson for Environmental Geology course at Louisiana State University (1994-1996).