

# FORCON INTERNATIONAL

**CHARLES H. LEE**

## **EDUCATION**

B.S., Geology, Georgia State University  
M.B.A. Management Program, Georgia State University  
Advanced EMS Auditor Course, SGS International, Inc.

## **SUMMARY**

Over 25 years experience in environmental assessments, remediation plan design, implementation, and oversight, environmental compliance audits, and ISO 14001 Environmental Management Systems.

## **REGISTRATION/CERTIFICATION**

RAB-Certified ISO 14000 Lead Auditor  
Professional Geologist - Georgia, North Carolina, Tennessee, Alabama  
OSHA 40-Hour Certified  
Q-Clearance, INEL (Inactive)

## **CAREER HISTORY**

**FORCON International** - Independent Consultant - Responsibilities: Conduct geological and environmental studies for industrial and commercial clients; implement and audit environmental management systems under ISO 14001 International Standard.

**First Environment, Incorporated**, Kennesaw, Georgia - Regional Manager - Responsibilities: Facilitated implementation of Environmental Management Systems under ISO 14001 Standards; Conducted transactional environmental assessments and environmental compliance audits for commercial and industrial clients.

**Atlanta Environmental Management, Incorporated**, Atlanta, Georgia - Operations Manager - Responsibilities: Managed transactional and operational environmental assessments; remedial investigations; Part B applications, RCRA facility assessments, RCRA facility investigations, and corrective measures studies; ground-water investigations; UST assessments, Corrective Action Plans, pollution prevention, waste minimization, and remedial oversight. Managed remedial projects for federal facilities and industrial RCRA sites. Negotiated site-specific clean up standards, project remediation, or response to NODs or NOV's with State/Federal regulatory agencies on behalf of clients.

**PRC Environmental Management Incorporated**, Atlanta, Georgia - Regional Manager - Responsibilities: Administered U.S. EPA TES VIII and SITE contracts in Region IV. Conducted transactional and operational compliance audits for industrial facilities.

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## **SUMMARY OF EXPERIENCE**

Mr. Lee has served as regional manager, operations manager, program manager, project manager, and environmental auditor in the environmental field for more than 20 years. His special emphasis has been on ground-water studies, remedial investigations, feasibility studies, remediation, environmental compliance, and environmental management systems.

The work was conducted under state environmental regulations and federal legislation including the Comprehensive Environmental Response Compensation and Liabilities Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Clean Water Act (CWA), Clean Air Act (CAA), and UST rules. Compliance assessments were conducted against appropriate regulations, and EMS audits were conducted against the ISO 14001 standard.

As an environmental consultant to U.S. EPA and to private industry, Mr. Lee has managed environmental response activities at federal facilities, textile and carpet manufacturing facilities, secondary lead smelters, sanitary and hazardous waste landfills, wood-processing plants, petroleum facilities, and dry cleaning operations. Mr. Lee has provided project management for transactional assessments under ASTM Standards. He has provided program and project management for a multitude of underground storage tank (UST) facilities, including multi-unit tank farms under State regulations. Specific examples of environmental experience include:

## **SPECIFIC PROJECT EXPERIENCE**

### **Environmental Transactional Assessments Under ASTM E 1527/1528**

Project manager for more than 100 Phase I and Phase II assessments conducted under the ASTM Standards. Transactional assessments were conducted for banks and lending institutions; restaurants; hotels; boat manufacturers; auto dealerships; and a ceramic facility.

### **RCRA Compliance Experience**

Project Manager for the groundwater assessment of an industrial facility in South Carolina with volatile organic compound contamination in soil, the water-table aquifer, and bedrock aquifers. The assessment was conducted as part of the RCRA Part B Permit Application. Also managed the RCRA Corrective Measures Study (CMS) to address remedial alternatives for soil and groundwater cleanup.

Project Manager for RCRA corrective action at a hazardous waste container facility in Alabama. The project included preparation of project plans; management of remediation activities, which included soil excavation and removal, and scarification of a large concrete pad; meetings with State regulatory personnel on behalf of the client to negotiate cleanup under State of Alabama standards; and preparation of project and closure reports.

Project Manager for several RFAs and RFIs at manufacturing plants in Georgia and South Carolina. Prepared work scopes and project plans; managed site visits and remedial assessments; evaluated

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data; and prepared project reports. Assisted clients at negotiations with State of Georgia and South Carolina regulatory agencies.

## **CERCLA Compliance Experience**

Project Manager for an RI/FS at the ILCO secondary lead-processing facility in Alabama. Responsible for project scoping; project plan preparation; field operation oversight; data reduction and analysis; feasibility study; qualitative risk assessment; and report preparation. Lead community relations activities to explain all processes and procedures to local residents.

Project Manager for the RI/FS at the Hipps Road landfill in Florida. Responsible for scoping and project plan preparation; field operation oversight; data reduction and analysis; feasibility study; and report preparation for agency review. Conducted two public meetings in support of EPA Region IV community relations personnel.

Project Manager for the RI/FS at the Coleman-Evans wood-processing facility in Florida. Responsible for project scoping and project plan preparation; field operation oversight; data analysis; feasibility study; and report preparation for agency review. Conducted two public meetings in support of EPA Region IV community relations personnel. Supervised a treatability study involving carbon adsorption in support of the remedial design. Designed and implemented a mobile on-site laboratory for rapid screening analysis.

Project Manager for the RI/FS at the Munsiport Landfill in North Miami Beach, Florida. Responsible for scoping and production of all project plans, field oversight, and data analysis. Conducted public meetings in support of EPA Region IV community relations personnel.

Oversight Manager for an RI/FS at the Madison County, Florida Landfill. The oversight was conducted for U.S. EPA Region IV. Under this PRP-lead RI, provided scoping support to the PRP contractor prior to work-plan development; reviewed project plans and provided comments to PRP; conducted oversight of all field activities and data evaluation; and accompanied EPA EEB-Athens on field audit. Reviewed all reports and provided comments to EPA Region IV.

Oversight Manager for a PRP-lead RI/FS at a train derailment and groundwater contamination site in Perdido, Alabama. The oversight was conducted for the U.S. EPA Region IV. Under this PRP-lead RI/FS, reviewed all project plans; provided field oversight; and reviewed all resultant data. Reviewed all project reports and provided comments to EPA Region IV.

Project Manager for a treatability study conducted in conjunction with a RI/FS/RD project at a Superfund landfill in Jacksonville, Florida. The bench-scale study was conducted to determine the effectiveness of carbon treatment on groundwater contaminated with heavy metals and volatile organics. Prepared a study report.

Oversight Manager for a treatability study conducted at a Superfund site in Hollywood, Florida. The study was conducted to determine the effects of soil washing and/or solidification on the lead/petroleum hydrocarbon-contaminated soil. Prepared a study report.

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Project Manager for a treatability study under the SITE program at a location in West Palm Beach, Florida, for U.S. EPA, Cincinnati, Ohio. The study was to test a chemical treatment process for pesticides and herbicides. Prepared project plans and reports, attended technical and organization meetings, and provided liaison with Florida State officials.

Oversight Manager for RD/RA at a PRP-lead textile plant site in North Carolina. The system included a groundwater unit and an incinerator for contaminated soil. The groundwater unit consisted of a biological treatment system, an air stripper, and carbon treatment. Reviewed the design plans and documents prepared by the PRP contractor. Coordinated the start-up of the incinerator unit. Reviewed quarterly activity reports for the systems and provided comments to EPA Region IV.

Project Manager for remediation of a mixed (radioactive and hazardous) waste medical landfill in Atlanta, Georgia. Prepared project plans for removal of radioactive and chemical contaminated cells. Oversaw the removal, packaging, storage, testing, analysis, and disposal of the material. Prepared progress reports and documents for the Centers for Disease Control.

## **UST Compliance Experience**

Oversight Manager for removal/treatment remedial actions at more than 80 dry-cleaners and petroleum-storage facilities. Prepared project plans; monitored the remedial activity; conducted environmental sampling and analytical studies; and prepared closure or corrective action reports for State agencies. Remediation included tank removal or closure in place, removal and biological treatment of contaminated soil, and excavation and disposal or incineration of contaminated soil at certified facilities. Contaminated ground water was treated with air strippers and carbon adsorption.

## **Emergency Response Experience**

Oversight Manager for emergency response, assessment, and remediation of a jet-fuel spill at a military base in Alabama. Oversight of the soil removal, storage, transportation, and disposal activities at the base. Managed the groundwater and soil assessment, remediation, and closure of the site. Represented the client (civilian contractor) during negotiations with the Army Corps of Engineers, and the Alabama Department of Environmental Management (ADEM). Successfully negotiated "no further action" and no fine.

## **Environmental Audit Experience**

Project Manager for environmental site assessments at more than 50 restaurants owned by a national corporation. Audited the sites against federal environmental regulations including RCRA, CERCLA, SARA, CWA, CAA, and UST, and Georgia, Florida, and Alabama State environmental regulations.

Project Manager for compliance audits at 13 banks in Georgia and a bank in Jamaica. Audited the sites for compliance with State of Georgia or Jamaican environmental regulations and with Citicorp/Nationsbank Corporate environmental audit standards.

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Project Manager for an environmental site assessment of an office park in Georgia. Audited the site against federal environmental regulations including RCRA, CERCLA, SARA, CWA, CAA, and UST, and Georgia State environmental regulations.

Project Manager for environmental compliance audits for carpet companies in Georgia, North Carolina, and South Carolina. Audited against federal and Georgia, North Carolina, and South Carolina State environmental regulations and against an environmental audit standard that was developed for the companies.

Following the initial audits at the carpet facilities, conducted remedial investigations and performed remediation services that included removing and biologically treating hydrocarbon-or hazardous substance-contaminated soil; installing ground-water remediation systems to treat contaminated ground water; and fixing contaminated soil for use as sub-base for a sports complex.

## **Environmental Management System Audit Experience**

Lead Auditor for field audit under ISO 14001. Audited a monitoring well installation, monitoring, sampling, and analytical project in Georgia. Also audited the health and safety, project start up, and field documentation procedures.

Lead Auditor for complete environmental management system audit of the Georgia Environmental Specialists, Inc. office in Morrow, Georgia and a field project in Rome, Georgia. Audited against all elements of the ISO 14001 Standard. Also audited the health and safety, project start up, and field documentation procedures

Lead Auditor for complete environmental management system audit of the First Environment, Inc. office in Jackson, Mississippi. Audited against all elements of the ISO 14001 Standard.

Lead Auditor for complete environmental management system audit of the First Environment, Inc. office in Kennesaw, Georgia. Audited against all elements of the ISO 14001 Standard.

Auditor for complete environmental management system audit for a major food processing plant in Cleveland, Tennessee. Audited against all elements of the ISO 14001 Standard.

Auditor for complete environmental management system audit for Kodak Polygraphics facility in Columbus, Georgia. Audited against all elements of the ISO 14000 Standard.

Auditor for complete environmental management system audit for First Environment, Inc. Corporate, Riverdale, New Jersey. Audited against all elements of ISO 14001 Standard.

## **Negotiations/Expert Witness/Litigation Support Experience**

Project Manager for assessment and remediation of a dry-cleaning facility in Atlanta, Georgia. Due to the pending litigation, the project required extensive documentation (detailed field logs, photographs, videotaping). Prepared affidavits detailing the technical approach and conclusions from

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site data. Prepared documents for the State of Georgia to comply with the new Hazardous Site Response Act (HSRA). Expert witness testimony at the trial is pending.

Team member for litigation investigation for a major roller-bearing manufacturer in the Southeast. Provided a report of testimony for use in court.

## **PROFESSIONAL PUBLICATIONS AND CONFERENCE PRESENTATIONS**

Lee, C.H., 2000, ISO 14001 Planning and Implementation. Presented at the Technical Association for the Pulp and Paper Industry (TAPPI) International Environmental Conference, Denver, Colorado; seminar lecturer and discussion group leader.

Lee, C.H., 1999, SARA Right-to-Know. Presented at the Technical Association for the Pulp and Paper Industry Southeast Regional Meeting, Macon, Georgia; seminar lecturer.

Lee, C.H., 1998, 1999, 2000 ISO 14001 Environmental Training Seminar. Presented for the Columbus, Georgia Chamber of Commerce, Columbus, Georgia; seminar lecturer.

Lee, C.H., 1998, ISO 14001 Environmental Training Seminar. Presented for the Cleveland, Tennessee Chamber of Commerce, Cleveland, Tennessee; seminar lecturer.

Lee, C.H., 1997, ISO 14000 Environmental Training Seminar: Presented for the Troup Clean and Beautiful Industrial Committee, LaGrange, Georgia; seminar lecturer.

Lee, C.H., 1997, Environmental Concerns and Regulations Conference: Presented for the Atlanta and Middle Georgia Claims Associations, Atlanta/Macon, Georgia; conference lecturer.

Lee, C.H., 1995, Hazardous Site Training: Presented at the ATSDR Training conference for USPHS, Atlanta, Georgia; conference lecturer.

Lee, C.H., 1992, 1993, 1994, CERCLA, SARA, AND RCRA Legislation: Presented at the U.S. Federal Aviation Administration Regional Training Conference, Atlanta, Georgia; conference lecturer.

Lee, C.H., 1991, Onsite Analytical Instrumentation to Determine Extent of Contamination from Single Field Episodes: Presented at the New Mexico Hazardous Waste Management Society Meeting, Albuquerque, New Mexico.

Lee, C.H., 1987, Onsite Analytical Instrumentation to Monitor the Extent of Ground-Water Contamination During Hazardous Waste Site Investigations: Presented at the Water Resources Planning and Management Division, 14th Annual Conference, American Society of Civil Engineers, Kansas City, Missouri.

Lee, C.H., 1986, Onsite Laboratory Facilities for Hazardous Waste Investigations: Georgia Institute of Technology, Geohydrology Forum, Atlanta, Georgia; seminar lecturer.

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Lee, C.H., 1985, Case Study, Coleman Evans PCP Site, White House, Florida: Technology Transfer Seminar, U.S. Environmental Protection Agency, Kansas City, Missouri; seminar presenter.

Lee, C.H., 1980, Uranium Resource Evaluation, Athens Quadrangle, Georgia and South Carolina: U.S. Department of Energy Open-File Report GJO-002(80).

Lee, C.H., 1978, Preliminary Study of the Uranium Potential of the Triassic Sanford Basin and Colon Cross Structure, North Carolina: U.S. Department of Energy Open-File Report GJBX-8(78).

Lee, C.H., 1976, Ground Follow-Up of the Georgia-Carolina Airborne Radiometric Study: Report for the U.S. Energy Research and Development Administration, Grand Junction, Colorado.

Lee, C.H., and Johnson, R.C., 1986, The Use of Onsite Analytical Laboratory Instrumentation to Determine the Extent of Contamination at a Hazardous Waste Site: in Proceedings of the Sixth National Symposium on Aquifer Restoration and Ground Water Monitoring, National Well Water Association. Presented at the National Symposium, Columbus, Ohio, May 1986.

Lee, C.H., Lawton, D.E., Hurley, B.W., and Dribus, J.R., 1982, Uranium Resource Evaluation, Greensboro Quadrangle, North Carolina and Virginia: U.S. Department of Energy Open-File Report PGJ/F-063(82).

Lee, C.H., and Pack, D.D., 1981, Uranium Resource Evaluation, Dickinson Quadrangle, North Dakota: U.S. Department of Energy Open-File Report PGJ-036(81).

Lee, C.H., and Lawton, D.E., 1978, Anomalies from Aerial Spectrometric and Total-Count Radiometric Surveys in the Southeastern United States: in Coastal Plains Regional Commission Special Publication.