

Gregory L. Heuer, CHMM
PRINCIPAL

EDUCATION and CERTIFICATIONS

Bradley University, Peoria, Illinois, B.S., Liberal Arts and Sciences
Majors: Biochemistry, Chemistry, Environmental Science – Chemistry, 1998
OSHA 29 CFR 1910.120, 40-Hour Hazardous Incident Response Operations Training with additional RCRA Awareness Training, 1999
OSHA 29 CFR 1910.120, 8-Hour HAZWOPER Refresher Training (Annual)
OSHA 29 CFR 1910.120, 8-Hour Site Supervisor Training, 2002
Certified Hazardous Materials Manager (CHMM) – Master Level, 2005
International Code Council (ICC) UST Decommissioning Certified, 2006
UST Decommissioning Certified – State of Indiana, 2006

AREAS OF EXPERTISE

- Environmental site assessments and due diligence investigations
- Indiana Voluntary Remediation Program (VRP)
- Indiana State Cleanup Program (SCP)
- Indiana Risk Integrated System of Closure (RISC) Program
- Indiana/Illinois/Kentucky/California Underground Storage Tank (UST) Programs
- Indiana/Illinois/Kentucky/California Leaking Underground Storage Tank (LUST) Programs
- Indiana Excess Liability Trust Fund (ELTF) Program
- Illinois LUST Reimbursement Program
- Delineation/remediation of contaminated soil and groundwater
- Design, installation and maintenance of soil and groundwater remediation systems

PROFESSIONAL EXPERIENCE

Pinnacle Environmental, Inc.
Principal, 2006 to Present
August Mack Environmental, Inc.
Project, Manager, 2004 through December 2005
August Mack Environmental, Inc.
Staff Chemist, 2003 to 2004
Keramida Environmental, Inc.
Staff Chemist, 2001 to 2003
Midwest Environmental Consulting and Remediation Services, Inc. (MECRS)
Project Manager/Environmental Technician, 1997 to 2001
Bradley University, Department of Chemistry/Biochemistry
Biochemistry Research Assistant, 1997 to 1998

REPRESENTATIVE PROJECT EXPERIENCE

SUBSURFACE INVESTIGATION

Performed numerous subsurface investigations to identify the nature and extent of petroleum contamination associated with leaking underground storage tanks. The investigations involved using various drilling and sampling techniques such as hollow stem augers, Geoprobe, and hand augering equipment.

Performed investigation activities to determine the nature and extent of petroleum impacts associated with historic use of service station facilities along a corridor of State Road 231. Advanced over 15 borings during the due diligence investigation prior to installation of a utility conduit.

Managed subsurface investigation at a truck maintenance terminal in Phoenix, Arizona to determine if contaminants were present due to on-site or nearby activities. The investigation involved advancing over 20 soil borings and advancing monitoring wells to a depth of 75 feet below grade using air rotary drilling techniques. Lead contamination was discovered in soils under a spray paint booth.

Managed subsurface investigation and lead based paint sampling at a former school in Lafayette,

Indiana. The site contained three heating oil USTs. The subsurface investigation was conducted to determine if the USTs had leaked. Work was performed prior to possible purchase and included collecting data, evaluating the data and preparing remedial cost estimates to address the site conditions.

UST/LUST MANAGEMENT

Managed the assessment and removal of hundreds of underground storage tanks (USTs) throughout Indiana, Illinois, California and Arizona. Activities involved monitoring the removal, cleaning and disposal of USTs; excavation zone assessments; release reporting to state agencies; site characterizations and investigations; and the preparation of corrective action plans (CAP)/remedial action plans (RAP) including excavation and disposal, soil vapor extraction, air sparging, dual-phase extraction, ORC, landfarming and bioremediation.

Managed investigation and remediation of numerous Leaking Underground Storage Tank (LUST) sites in Indiana and Illinois. Prepared investigation reports and corrective action plans at LUST sites for submittal to the regulatory agency. Activities include interpretation of subsurface and contaminant distribution conditions, evaluating the most appropriate site remediation technology and preparation of a CAP. Managed reimbursement of money from the state funds for numerous LUST sites in Indiana and Illinois.

Obtained Indiana Department of Environmental Management (IDEM) and Illinois Environmental Protection Agency (IEPA) "No Further Action" letters for numerous leaking underground storage tank (LUST) sites using various closure techniques including in-place closure, soil removal, and various in-situ physical and chemical remedial techniques.

SITE ASSESSMENT (PHASE I- PHASE II)

Conducted assessments at numerous sites undergoing acquisition, divestiture or refinancing, including industrial and commercial and undeveloped sites. Performed lead paint sampling surveys and subsurface soil and groundwater sampling as a part of assessment activities.

Managed due diligence investigation of large semi-trailer manufacturing plant in Tennessee. Assessment involved evaluating hydraulic pits and trenches, transformers, oil/water separators, wastewater treatment and discharge, chemical vats, underground storage tank areas and container storage areas. The work was conducted prior to a property transfer. Assessment involved site inspection, preparing a Phase I, developing Phase II sampling strategy, and implementing the sampling and analysis program that involved numerous soil borings.

RISK ASSESSMENT

Performed numerous human health based risk assessments using the IEPA Tiered Approach to Corrective Action Objectives (TACO) and the IDEM RISC to develop site specific clean up goals for contaminated soils and groundwater at petroleum sites in Indiana and Illinois. Activities included data collection; data interpretation; exposure assessment; toxicity assessment; risk characterization; and, clean up level determination.

WASTE MANAGEMENT

Characterized and subcontracted transportation and disposal of drummed hazardous and non-hazardous industrial and special wastes stored at many Indiana and Illinois industrial facilities, petroleum service stations and bulk terminal facilities. Wastes include gasoline, diesel fuel, heating oil, kerosene, used oils, waste paints and chlorinated solvents. Where feasible, compatible materials are composited to reduce the number of containers used during transport; therefore, reducing the overall cost of the project.

COMPLIANCE

Evaluated sites for underground storage tank compliance with regard to upgrade requirements and determination for Indiana ELTF and Illinois EPA eligibility and deductibility determination.

REMEDIAL ACTIVITIES

Managed numerous projects involving soil and groundwater remediation within the Indiana Voluntary Remediation Program (VRP) and the Leaking Underground Storage Tank (LUST) Programs. Obtained Certificate of Completion and "Covenant Not To Sue" for VRP sites as well as "No Further Action" letters on several LUST sites. Conducted negotiations with the IDEM on remedial measures and closure verification activities.