

Roger Lamb Biography

Mr. Lamb has 30 years of experience as a consulting geologist in due diligence, litigation support, and contaminated land assessment and remediation for regulatory, industrial, government, and military clients. He specializes in the development of real-time high resolution understanding of chemical releases and hydrogeologic conditions. This information is used to improve project outcomes by reducing project costs, increasing stakeholder engagement and guaranteeing a sustainable approach and wise investment of resources.

During his career he performed pioneering work in the area of TRIAD approach-type site characterization of LNAPL, DNAPL, VOC releases and buried waste. He has used high resolution site characterization methods since 1994 to provide my clients with guaranteed results.

If you "GOOGLE" the term "soil conductivity/membrane interface probe", the first website listed is a presentation given by Mr. Lamb at a USEPA RevTech Conference in 2004.

Presentations:

- Guaranteeing Chemical Release Mitigation Project Outcomes with the Aid of High Resolution Data Sets, ADEM Groundwater Conference 2016
- Guaranteeing Fuel Release Mitigation Project Outcomes with the Aid of High Resolution Data Sets, ADEM UST Remediation Conference 2016.
- Techniques for Development of LNAPL CSMs – TN UST Program Case Manager Meeting November 2015
- Benefit of Real-Time Remediation Design Approaches – Florida Remediation Conference 2015.
- Benefits of Real-Time Remediation Design Approaches – National Tanks Conference – 2015.
- Use of the MiHpt to Improve Project Outcomes, Midwestern States Environmental Consultants Association, fall 2014 Seminar.
- Economic Advantages of High Resolution Site Characterization for Fuel Release Management ASTSWMO 2014 LUST and State Fund Financial Responsibility Workshop.
- Optimizing Remediation System Performance Using MiHpt Measurements – AIPG Innovative Environmental Assessment and Remediation Technology 2014
- High Resolution Site Characterization Improving LNAPL Management, Kentucky Underground Storage Tank Program Training 2014
- Improving Project Outcomes using High Resolution Site Characterization Techniques; Alabama UST Conference 2013
- Ten Tips for using Direct Sensing Tools; Australian Land and Groundwater Association Meeting Melbourne 2012
- Fourteen years of Collaborative Use of SC/MIP Data and Analytical Results to Improve Project Outcomes; Environmental Field Conference 2011
- Rapid Site Delineation Using Surface Geophysics and the SC/MIP; The International Conference on Remediation of Chlorinated Compounds 2008
- HRSC Tools for VOC Releases 14th Annual American Institute of Hydrology, Kansas Section Seminar 2007
- HRSC Tools for VOC Releases 12th International Petroleum Environmental Conference 2006
- HRSC Tools for VOC Releases -EPA Revtech Conference 2004
- Delineation of a VOC release using the SC/MIP; National Ground Water Association Midwest Focus Conference 2003

Techniques for Developing High Resolution LNAPL Conceptual Site Models

1) Advantages of a High Resolution LNAPL Conceptual Site Model (LCSM)

- Economic
- Technical
- Stakeholder Engagement

2) Design of a High Resolution LCSM Field Program

- Business Goals
- Development of a Conventional LCSM
- Data Gaps Analysis
- Technology Selection
- Collaborative Data Sets
- Communication Plan

3) Implementation of the High Resolution LCSM Field Program

- Safety
- Data Interpretation
- Data Analysis/Communication
- Collaborative Data Sets

4) End Uses of a High Resolution LCSM

- Hydrogeologic Conditions
- LNAPL Body Distribution/Volume/Mass
- Remediation Feasibility/Monetization
- Remediation Pilot Testing/Trouble Shooting

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