



KAREN E. THOMPSON

KENTUCKY REGIONAL OFFICE DIRECTOR

CREDENTIALS

- ◆ M.S. Geology, emphasis on Hydrogeology, University of Kentucky
- ◆ B.S. Geology, Eastern New Mexico University
- ◆ Registered Professional Geologist: KY #110986, IN #2356
- ◆ Certified Hazardous Materials Manager
- ◆ ASTM E1527 Environmental Professional
- ◆ Certified 40-Hour Hazardous Waste Site Worker

PROFESSIONAL EXPERIENCE

- ◆ **2020 - Present:** ALL4, KY- Kentucky Office Leader
- ◆ **2007 - 2020:** SMG, KY-Environmental Services Manager
- ◆ **2002 - 2007:** Shield Environmental Associates, KY- Geologist
- ◆ **1993 - 2002:** University of Kentucky, KY-Scientist
- ◆ **1992 -1993:** Kentucky Department for Environmental Protection

TECHNICAL EXPERTISE

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| ✓ <i>Environmental Compliance Management</i> | ✓ <i>Delineation of Groundwater Contaminants</i> |
| ✓ <i>Regulatory Compliance Strategies</i> | ✓ <i>Groundwater Monitoring</i> |
| ✓ <i>RCRA Hazardous Waste Generation, EPCRA, and Wastewater</i> | ✓ <i>Remediation Plans and Protocols for Impacted Soil and Groundwater</i> |
| ✓ <i>Development and Due Diligence Phases of Alternative Energy Industry</i> | ✓ <i>On-Site Remediation Technologies</i> |
| ✓ <i>Phase I and Phase II Assessments</i> | ✓ <i>UST and State Superfund Investigations and Remedial Assistance</i> |
| ✓ <i>Industrial Audits with Hazardous Chemical Storage, Waste Management, Air Emissions and Wastewater Management</i> | ✓ <i>Community Relations</i> |

PROFESSIONAL OVERVIEW

Karen Thompson is a Registered Professional Geologist and CHMM with thirty years' experience in environmental compliance management including projects in hazardous waste remediation, groundwater investigations and remedial technologies. Karen has worked with projects ranging from the complex to the simple, regardless of size or complexity.

Her experience includes Phase Is, Phase IIs, compliance auditing and training, delineation of groundwater contaminant plumes and evaluation of remedial technologies, groundwater modeling, and groundwater monitoring programs. Karen has worked with EPA Region IV, various Kentucky regulatory agencies, local citizens, and officials to define environmental issues, address contamination of soil and groundwater and solve regulatory problems.

In recent years, Karen has developed an interest and experience assisting in the development and due diligence phases of the alternative energy industry. Other areas of experience include working with developers and new site owners to reduce liability under the Kentucky's Brownfield Redevelopment Act (KRS 224-01.415). Karen has multiple publications and presentations in the industry available for review.