

# **JEANNE M. WESTERVELT, PG**

Consulting Senior Geologist

## **Areas of Expertise:**

- Site Assessment and Remediation
- Geologic Investigations
- Groundwater Treatment
- Compliance Monitoring
- Sampling Programs for Soil/Sediment, Groundwater, Air, and Subsurface Gas

## **Summary**

Ms. Westervelt has over 15 years of experience in environmental consulting that includes managing a variety of projects for hazardous waste site investigation and remedial action including response actions under CERCLA and the MCP. Her responsibilities include design of site investigations, preparation of work plans, health and safety plans, and remedial action plans. She has designed and conducted long-term groundwater compliance monitoring programs, and has performed quality control on sites undergoing remediation. Her experience includes projects involving solvent and petroleum contaminated groundwater at EPA Superfund sites, MCP sites, and industrial facilities. In addition, Ms. Westervelt has experience in environmental compliance and toxics use reduction.

## **Education**

*Bucknell University*, 1985  
Bachelor of Science, Geology

*SUNY Stony Brook and City College New York*, 1986-1987  
Graduate courses in geophysics, seismology, general hydrology, and groundwater hydrology.

*Salem State College*, 2009  
Master of Education

## **Licenses**

Registered Professional Geologist, Pennsylvania #PG002883G

## **Selected Project Experience**

**Remedial Action at MCP Regulated Sites:** Conducted field investigations to characterize the nature and extent of contamination at Tier I disposal sites and managed

on-site work including in-situ groundwater and soil treatment, soil removal, and associated monitoring during remedial actions at those sites. Prepared MADEP submittals pertaining to Tier Classification, Limited Removal Actions, Immediate Response Actions, Release Abatement Measures, Risk Assessments, Phase I and Phase II Investigations, and Response Action Outcome Statements.

**Remedial Action and Investigation at CERCLA Regulated Sites:** Project Geologist at various CERCLA sites in the Northeast including unsecured landfills, chlorinated solvent contaminated groundwater supplies, and industrial landfills and impoundments. Experience includes site assessment and feasibility studies including evaluating treatment options using groundwater modeling techniques.

**Field Investigations:** Coordinated site investigations at hazardous waste sites for responses led by both regulatory agencies and private clients. Investigations included subsurface soil characterization, groundwater sampling, ambient air monitoring, supply well pump tests, and landfill gas investigations. Developed protocol for innovative site sampling procedures to characterize low level VOC contaminant relationship between landfill gas and groundwater.

**Environmental Risk:** Developed a GIS based model and predictive tools for assessment of environmental risks posed by RCRA regulated facilities based on the locations of facilities and types of wastes. The assessment was conducted for a test state for use by EPA in evaluating the feasibility and practicality of implementing various environmental regulations.

**Technical Enforcement Support:** Conducted on-site evaluation of various PRP-led environmental remediation and compliance on behalf of EPA for various CERCLA and RCRA corrective actions. Conducted QA/QC parallel sampling investigations and authored reports for EPA on the status of corrective action projects.

**Commercial Sector Research for Toxics Use Reduction:** Conducted a study on the use of chlorinated solvents in Massachusetts manufacturing facilities to identify motivations and barriers to reduction in use of these solvents. Evaluation included surveys of selected facility's current use and past practices to identify innovative successes as well as barriers and problems to reduction in use of these substances.

### **Employment History:**

2004-Present **Senior Geologist (Consulting), Cooperstown Environmental LLC**  
Provide environmental consulting and geologic expertise for real estate management, oil and hazardous material releases, and environmental compliance for industrial operations. Prepares Health and Safety plans for construction sites and provides worker training.

1987-1996 **Project Geologist, Camp Dresser & McKee, Inc.,** New York, NY and Cambridge, MA