

# Garrett Mansfield

## Geologist



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### Areas of Specialization

- Federal and State Agency Compliant Soil, Groundwater, and Vapor Sampling
- Geographic Information Systems (GIS)
- Geological and Pedological Interpretation
- Air Quality Monitoring
- Federal and State Agency Compliant Groundwater, Soil, Biosolids PFAS Sampling

### Overview of Project Experience

- **PFAS Investigation, Fairbanks, AK** - Supported a large-scale PFAS investigation and performed soil boring and monitoring well installation using direct push, air rotary, and sonic drilling techniques for the collection of multi-media samples.
- **Vapor Intrusion Assessments, CT** - Performed sub-slab soil vapor sampling.
- **Indoor Air Sampling, Washington D.C.** - Performed ambient air sampling within a large multi-use building complex.
- **Groundwater Sampling, Superfund Site, NJ** - Performed low flow sampling in accordance with NJDEP Technical Regulations.
- **Continuous Water Level Monitoring, Superfund Site, NJ** - Deployed and collected data using continuous data loggers related to an aquifer drawdown test.
- **Aquifer Testing, Superfund Site, NJ** - Managed field activities to measure aquifer hydraulic data using packer testing methodology.
- **In-Situ Bioremediation, Superfund Site, PA** - Operated an In-situ bioaugmentation remediation system treating groundwater impacted by chlorinated hydrocarbons.
- **Geographic Information Systems (GIS) Mapping** - Created location maps, site maps, and hydrologic analysis using ArcMap
- **Geophysical and Soils Investigation of Subsurface, NJ** - Oversight of geophysical investigation for gas main replacement and soil sample collection.

### Education

B.S., Environmental Geology  
Lafayette College, PA 2022

### Registration/Certification

OSHA 40 HAZWOPER  
Confined Space Training

### Software

ArcGIS Pro  
ArcMap  
Diver Office



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## Overview of Project Experience (Continued)

- **PFAS Groundwater, Soil and Biosolids Sampling, DE** - Performed soil, biosolids, and groundwater sampling using slide hammer Geoprobe boring techniques to assess PFAS concentrations.
- **Large School District Water Testing, PA** - Conducted a lead in drinking water sampling program that involved the inventory and sampling of drinking water outlets across hundreds of locations on behalf of the largest school district in Pennsylvania.
- **Geoprobe Investigations, PA, DE, NJ, CT, AK** - Completed soil boring logs and collected samples during direct push Geoprobe investigations across multiple sites following state technical requirements.

