

# Shaun Quinlan

Environmental Scientist



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## Areas of Specialization

- On-site management of soil excavation and segregation projects
- Wetland vegetative surveys, hydrology monitoring & habitat restoration
- Hydrologic data collection, retrieval and management technologies
- Storm water management, sediment & erosion control systems
- Proficient in ASTM Environmental Site Assessment Standards
- Proficient in use of environmental field monitoring equipment
- Remediation system construction, operation and maintenance

## Overview of Project Experience

- Site operator for a Superfund site located in New Jersey. Responsible for daily meetings with the Army Corps of Engineers (EPA Oversight), decontamination of the entire ERH-MPE system, deconstructing large parts of the MPE system, rebuilding the MPE system, winterizing water tanks and over 1,000 feet of pipes & hoses, completing steam spear installation as well as horizontal well installation, fixing fencing and tracking waste inventory (characterizing & disposal).
- Conducted vegetative plot monitoring, wetland invasive flora inspections, hydrology monitoring and storm water management inspections at a Superfund Site with EPA oversight.
- Project leader of river data acquisition and management for multiyear river hydrology monitoring program to assess and minimize ecological impacts of hydro-electric dam operations.
- Managed multiyear on-site soil excavation and segregation project in ecologically sensitive landscape adjacent to Little Gunpowder River and Maryland state park property.
- Managed all aspects of on-site health and safety procedures for large-scale projects with multiple contractors and significant safety issues with zero incidents or accidents.
- Served as the construction supervisor for a large-scale industrial demolition and remediation project with regulatory oversight.
- Managed personnel and logistics of quarterly groundwater sampling for a Superfund Site with EPA oversight.

## Education

B.S.J., Perley Isaac Reed School of Journalism  
West Virginia University, 1995

## Registration/Certification

ASTM Technical & Professional Training in Environmental Site Assessments for Commercial Real Estate

Sediment and Erosion Control Certification in Delaware and Maryland

Building Performance Institute, Inc.  
– Building Analyst Certification

OSHA Certified Hazardous Waste Operations and Emergency Response (HAZWOPER per 29 CFR 1910.120)

OSHA certified Confined Space Entry & Rescue Training (29 CFR 1910.146)

OSHA 10-Hour Construction Safety



## Overview of Project Experience (continued)

- Project leader for multiple Phase I, Phase II and Transaction Screens involving a wide variety of commercial properties.
- Implemented field soil and groundwater sampling and monitoring programs.
- Manager of 4-acre wetland mitigation: supervised excavation of retention berm & spillway, established monitoring methods for plant surveys, established invasive flora removal strategies & developed the plan for planting a mix of native wetland flora.
- Utilized USDA Conservation Reserve Enhancement Program to install 50 foot forested stream buffers on over 45 acres of riparian areas, planted 4,700 native trees & shrubs, conducted annual monitoring to document mortality rates of newly planted flora.
- Established habitat enhancement program for wood ducks, screech owls, turkeys & bats.
- Served as the on-site technician at a large-scale treatment system installation for major public utility.