

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

• CLTL Superfund Site, Logan Township, NJ (2009—Present)

Site Supervisor responsible for the coordination of site construction and environmental monitoring activities on a remediation project pursuant to the terms of remedial actions on a contaminated site as defined by the USEPA's Record of Decision. The project utilized Electro Resistive Heating - Multi Phase Extraction (ERH-MPE) technologies designed to recover chlorinated volatile organic compounds (CVOCs) from a shallow wetland environment on a Superfund Site. Provided logistical and technical support to the project team and facilitated the flow of information between site contractors, the client and USEPA officials. Managed a wide range of significant responsibilities, including; health and safety oversight, air monitoring, vapor cap integrity inspections and maintenance, management and coordination of hazardous waste disposal, technical assistance with ERH-MPE system operations, coordination and collection of all treatment system vapor and water sampling, and providing oversight for subcontractors hired to deconstruct, decontaminate and demobilize system equipment.

- Implemented field soil and groundwater sampling programs.
- Conducted vegetative plot monitoring, wetland invasive flora inspections, hydrology monitoring and storm water management inspections.
- **Data Collection for Lackawaxen River Thermal Stress Relief Program (2009 - 2017)**

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.

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.
- 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.