

Senior Scientist

FIELDS OF EXPERTISE

Project Management; Landfill compliance; Permitting, Sampling, State, Federal and Internal compliance; Emergency Response Assessment and Remediation; Stormwater management and compliance; NPDES & general permitting; Groundwater and Soil Remediation; PA DEP Act 2 Land Recycling Program; Watershed restoration.

HIGHLIGHTS OF EXPERIENCE

Mr. Gothier is a senior scientist with over 21 years of experience in geoenvironmental related projects. His previous work with a County Conservation District has provided extensive experience in cooperating with government agencies to meet compliance objectives. Mr. Gothier has overseen and directly participated in numerous emergency response and remediation projects involving petroleum and a variety of other contaminants. Bill has extensive experience working with stormwater management permitting, inspection and design. Mr. Gothier has over 14 years of landfill compliance experience primarily with permitting, sampling, well installation, government and internal compliance. Other project experience includes soil and groundwater sampling, monitoring well installations, preliminary hydrogeological studies, groundwater nitrates modeling, infiltration testing, stormwater management and NPDES permitting, erosion and sediment control, water supply and feasibility studies, operation and maintenance of air sparge systems as well as multiphase vapor and water extraction units to treat subsurface petroleum contamination. He also has experience with in-situ chemical injections and traditional soil extraction techniques.

PROJECT EXPERIENCE

- Project management, report preparation, regulatory and client contact
- Management of multiple petroleum tanker release remediation and closure projects in Pennsylvania, Delaware, Maryland and New Jersey
- Management of multiple PA Act 2 Land Recycling Program Site Characterization and Closures
- Groundwater and leachate (untreated) sampling for active landfill compliance
- NPDES permitting program for industrial, commercial, county and municipal clients.
- Annual and Semi-Annual Report Preparation of Active and Closed Landfill Sites in Pennsylvania, New Jersey and Delaware
- Technical and administrative review of hazardous material remediations
- Audit and compliance assistance for Landfills, transfer stations, hauling facilities and recycling facilities in Pennsylvania and Delaware
- Stormwater sampling for industrial, commercial, county and municipal clients.
- Design, oversight and implementation of stream restorations using bioengineering and natural stream channel design methods.
- Formed, administered, and assisted with local watershed organizations and government agencies.
- Inspecting and permitting both new and failing stormwater inlet, outlet, and conveyance structures.
- Construction management and oversight.
- Preparation of water supply and feasibility studies for land development and municipal supplies.

EDUCATION

B.S., GeoEnvironmental Studies, Shippensburg University, Shippensburg, PA, 1999.

CERTIFICATIONS & TRAINING

40 Hour Hazardous Waste Operations (OSHA 1910.120)

8 Hour Hazardous Waste Operations Refresher (OSHA 1910.120)

Confined Space Training (OSHA 29CFR 1910.146)

Pennsylvania Vapor Intrusion (VI) Guidance Training

Pennsylvania Department of Environmental Protection Act 2 Training