

Environmental Services



When public clients, agencies or developers are looking for an environmental consultant for an important project or permitting, they look to **Landmark Science & Engineering!** We know that every project is important, and we have the staff and expertise to provide high quality services that our clients have come to expect on the thousands of projects we have completed in Delaware, Maryland, Pennsylvania, New Jersey, Virginia and Florida.

Environmental Services

- Wetland Delineation and Forest Stand Delineation
- Wetland Mitigation Design, Oversight, Planting, and Long-Term Monitoring
- Permitting
- Bog Turtle Phase I and Phase II Investigations
- Rare, Threatened & Endangered (RTE) Habitat/Species Studies
- Stormwater & Pond Habitat Design
- Site Investigations & Remediation
- Stream Restoration/Natural Channel Design (NCD)
- Soils: Groundwater Studies & Infiltration

A **Phase I Environmental Site Assessment (ESA)** is a visual assessment of a site, typically commercial, industrial and agricultural land types, to determine if any Recognized Environmental Conditions (REC) exist.

An ESA is generally performed when a property changes ownership, is used for collateral, or is undergoing refinancing. They are often required by a lender in order to determine the environmental liability of the property so that environmental issues can be identified and resolved to avoid further complications further down the road.

A **Phase II Environmental Site Assessment** is performed as a follow-up to a Phase I, in the event that RECs and/or environmental issues are found on the site that needs further investigation.

Our **Remediation Team** consists of highly experienced, registered professionals that can assess all types of sites ranging from undisturbed parcels to heavy industrial sites. Working closely with landowners, lending institutions, and regulatory agencies, the remediation team provides all levels of environmental due diligence necessary when purchasing, financing, or cleaning up a parcel of land.

- Brownfield Redevelopment Investigation/Remediation
- Groundwater Impact Studies
- Phase I & II Environmental Site Assessments
- Environmental Sampling
- Site Remediation
- Well Monitoring
- Underground Storage Tank Cleanup
- Soils Assessments
- Septic Design
- Infiltration Testing
- Seasonal High Groundwater Table Determinations
- Soils Characterization for Stormwater Mgmt.
- Percolation Testing
- Certified Construction Review
- Inspections for Wetlands, Subaqueous Lands, and Coastal Zone Management Permit Conditions
- Best Management Practices (BMP)
- Construction Oversight and Management

Project Examples:

- Airport Wetland Mitigation**
Sussex County Engineering
- Jablow Property Auto Salvage Yard**
Riverfront Development Corp.
- Peninsula on Indian River Bay**
Private Development Client
- Millville by the Sea Stream Creation**
Private Development Client

Example: Wetland Mitigation / Creation



Example: Bog Turtle Survey



Example: Phase I ESA



Example: Phase II ESA Sampling

