

## INTRODUCTION

**Landmark Science & Engineering** offers a full range of civil engineering, environmental, and survey services tailored to your projects in the mid-North Atlantic region.

We are committed to providing the highest quality services with a comprehensive focus on sustainable design practices. We have an excellent performance record in satisfying clients' needs for innovation, design quality, communications, problem solving, and meeting schedules and cost objectives.

Since 1987, Landmark has been the choice of a growing list of public and private clients needing site planning and design. Since 2009, environmental services have been provided in-house, integrating science and engineering for innovative and cost effective solutions.

Our Engineering team will help you from the earliest stages of due diligence, through the entire process of land planning, surveying, site design, agency approvals, permits, construction documents and bidding, through construction and post-construction phases.

Our Sciences team will assist you with a wide range of services from Phase I ESAs, wetlands, forest, permitting, bog turtle investigations to site remediation

**We come equipped with the technology, training, and experience that assures quality execution.**

## SUMMARY OF SERVICES

- Land Development & Planning Services
- Civil Engineering and Site Design
- Environmental Consulting
- Wetlands, Forest, Habitat Assess./ Bog Turtle Inves.
- Due Diligence, Phase I ESA & Land Yield Studies
- Pre-development Advisory Services
- Permits and Regulatory Agency Compliance
- Municipal Planning and Engineering
- Stormwater Management Design—ESD/BMP
- Transportation Engineering and Traffic Studies
- Surveying: Per. & Topo., ALTA, FEMA Flood Cert's.
- GIS Mapping
- Construction Phase: Layout and As-Builts Surveys
- Certified Construction Review (CCR)
- Stormwater As-Builts and SWM Facility Inspections
- Wetland Construction Oversight & Monitoring

### DELAWARE HEADQUARTERS

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### CONTACT US

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## Innovative Environmental & Engineering Solutions



## SITE ENGINEERING EXCELLENCE

- Sustainable Site Design
- Civil & Environmental Engineering
- Storm Water Management Design
- Innovative Drainage Solutions
- Wetlands, Forest, Habitat/RTE, Bog Turtles
- Site Remediation, Brownfields Redevelopment

## MARKETS & AREAS OF EXPERTISE

- |                      |  |                   |
|----------------------|--|-------------------|
| Commercial, Office   |  | Civil/Site Design |
| Industrial           |  | Stormwater Design |
| Institutional        |  | Landscape Design  |
| Residential          |  | Water Resources   |
| Recreational, Sports |  | Surveying / GIS   |
| Transportation       |  | Natural Sciences  |
| Utilities            |  | Site Remediation  |

### Land Planning and Site Design

- Site Constraints Analysis / Site Engineering
- Topographic and Perimeter Surveys
- Delineation of Wetland, Forest, Flood Plains and other Environmental Considerations
- Land Planning
- Preparation of Record Plans (Major and Minor)
- Assistance at Public Hearings, Council Meetings, Rezoning, etc.
- Traffic Impact Studies
- Preliminary and Final Engineering Design including grading and drainage, stormwater management, E&S plans, sanitary and storm sewers, water distribution systems, streets, entrances, parking and related site items
- Landscape Design
- Septic System Design
- Permit Processing (preparation, submission, and follow up on required permits)
- Selection/Direction of Specialty Subconsultants
- Determination of Easements, Code Requirements, and other Legal Restrictions
- Construction Cost Estimates
- Construction Documents & Bidding Assistance

### Construction-Phase Services

- Stakeout: Storm & Sanitary, Curb, Building, Utilities
- Certified Construction Review (CCR)
- Wetland Mitigation Construction Oversight

### Post-Construction-Phase Services

- Stormwater As-Built Surveys
- Subsurface Stormwater Management Inspections
- Wetland Mitigation Monitoring



### Surveying • GPS • GIS Mapping

- Perimeter and Topographic Surveys
- ALTA/ACSM Land Title Surveys
- As-Built Surveys
- Wetland and Flood Study Surveys
- FEMA Elevation/Flood Certifications
- Deed Research and Boundary Information
- Correlation of Data for Aerial Photography
- Assimilating and Computing Data for staff use

### Water Resources

- Storm Water: ELG, BMP, TMDL Drainage Studies
- Brownfields: Water Contamination
- Hydrogeology: WRPA
- Wetland Mitigation Design / Wetland Creation
- Floodplain: Mapping, Modifications
- Enhancement/Restoration: Wetlands, Tax Ditch, Streams, Groundwater

### Green Technology SWM • ESD • BMP

- Environmental Site Design (ESD)
- Best Management Practices (BMP)
- Grant Application & Design Assistance
- Green Roof SWM Design, Gray Water Reuse, Rooftop Recharge Fac., Bio-retention & Micro Bioretention Fac.

### Environmental Services

- Phase I Environmental Site Assessments
- Wetlands and Forest Related Services
- RTE Habitat Assess., Bog Turtle Inves.
- Site Investigations & Remediation
- GIS Mapping
- Permitting & Regulatory Compliance
- NEPA Environmental Assessments
- DNREC Coastal Zone & Air Permitting



### Transportation Engineering • Traffic

- Highway Design
- Surveys and Right-of-Way Plans
- Utility Relocation
- Signage / Maintenance of Traffic
- Detailed Design
- Erosion and Sediment Control
- Stormwater Management
- Intersection and Street Improvements
- Traffic Impact Studies (TIS, TA, TSA)
- Transportation Enhancement
- Bicycle/Pedestrian Pathways, Trails, Greenways
- Entrances, Parking Studies, Storage Yards
- DelDOT and MD SHA Certified Firm



### We're On Your Team!

Landmark's engineers, landscape architect, surveyors, and environmental professionals work with multidisciplinary design teams, and for public and private clients, including:



- Architects
- Aviation (Private and Military)
- Commercial and Residential Developers
- Construction, CM, DB, Home Builders
- Educational Institutions: K-12 & Higher Education
- Engineers
- Health Care Institutions
- Industrial
- Lenders (Commercial and Private)
- Military (State and Federal)
- Municipal Government & Agencies
- Real Estate Professionals
- Transportation Engineers and Planners