

Firm Description



Landmark Science & Engineering is a leading consulting firm offering full service civil engineering, natural environmental sciences, and land surveying, and is committed to providing the highest quality services with a comprehensive focus on sustainable, green stormwater practices. Our integrated engineering and environmental services help us bring innovative solutions and enhanced project value to our clients' important site development projects, focusing on the sensitive issues of stormwater management and improving water quality.

History Landmark Engineering, Inc. is a Delaware corporation, founded in 1987 by five experienced civil engineers providing surveys, planning, civil engineering and site design services to public and private clients. The natural science disciplines were added through a corporate merger in 2009 and we now do business as "Landmark Science & Engineering."

Professional services are provided to assist clients with the entire site development process, including:

- site selection, due diligence, Phase I environmental site assessments (ESAs);
- environmental wetland, forest stand, wildlife and habitat investigations, and permitting;
- land surveying (all aspects);
- civil/site, environmental, and traffic/transportation engineering (schematic design through design development);
- preparation of construction documents;
- stormwater management ESD/BMP, stormwater as-builts, and NPDES/MS4 permit assistance;
- assistance with cost estimates, bidding, and construction administration;
- obtaining approvals and permits from federal, state, and local agencies; and
- construction- and post construction-phase services.

Engineering disciplines include all aspects of site design including grading, hydrologic and hydraulic analyses, stormwater management utilizing Best Management Practices (BMPs) Environmental Site Design (ESD) standards, erosion and sediment control, sanitary sewer analysis and design, street and entrance design, traffic studies, water resources evaluation and design, and supporting structural design.

Science disciplines include wetland and forest stand investigation, delineation and mitigation design; forest conservation plans; rare, threatened and endangered (RTE) species and Bog Turtle Investigations; stormwater pond design and native planting plans for bio-retention facilities and micro scale practices; GIS mapping utilizing GPS and LiDAR; permitting and regulatory compliance; brownfields redevelopment; site remediation; and stream restoration.

Professional services are offered on a regional basis in Delaware, Maryland and Pennsylvania. The firm is headquartered in New Castle, Delaware, with branch offices in Dover, Delaware and Havre de Grace, Maryland. The technical staff of 34 is comprised mainly of professional civil and environmental engineers, land surveyors, environmental scientists, civil engineers, designers, GIS map specialists, CAD operators, and survey technician and field crews. Our staff includes Qualified Recognized Bog Turtle Surveyor in MD/DE/PA, DNR Qualified Forest Professional, Certified Professionals in Storm Water Quality (CPSWQ) and USGBC LEED Accredited Professionals to provide high-quality professional assistance.

Survey crews are equipped with EDM Total Station systems and Leica Robotics and GPS—uniting Global Positioning System and Real Time Kinematic (RTK) technologies with powerful data management and geographic information systems—for the most efficient and accurate surveys. **Design staff** is supported by state-of-the-art computer and software facilities including 26 CAD stations and five wide-format plotters. Workstations support AutoCAD Civil 3D, with enhanced 3D and Building Information Modeling (BIM) smart design capabilities, ArcGIS 10, MicroStation, and various hydraulic and hydrologic modeling software. **GIS staff** utilizes geographic information systems for the display and management of spatial data including designs, facility data, scientific findings and historical records for successful project management and cost-effective facility management.

The principals and associates are registered professionals in Delaware, Pennsylvania, Maryland, and New Jersey, and have more than 175 years of cumulative experience in the practice of sciences, engineering and surveying. We have an excellent performance record in satisfying clients' needs for innovation, design quality, meeting schedules, and performing within both fee and desired construction budgets.

We successfully work as either the prime consultant leading a project team, or as a subconsultant on a multi-disciplinary design team lead by others, including architects, construction managers, and design-build contractors.