

**LandmarkJCM** is a full service civil engineering and environmental sciences firm, offering professional quality perimeter and topographic surveys, site planning and design, and environmental services, specializing in green technologies, with an integrated approach that brings innovation and value to client's projects.

We perform services from site selection and due diligence to schematic design and design development, construction documents and cost estimates, through assisting in obtaining approvals and permits from Federal, State, and local agencies, and providing a variety of construction and post-construction phase services. Market areas of focus include educational, recreational, commercial, industrial, government, and transportation.

Founded as **Landmark Engineering, Inc.** in Delaware in 1987, by five experienced civil engineers providing surveys, civil and site engineering, planning and design services to public and private clients, the firm, in 2009, joined with the JCM Environmental, Inc., now doing business as "**LandmarkJCM.**"

**Engineering disciplines** include all aspects of site design, including grading, hydrologic and hydraulic analyses, stormwater management utilizing Green Technology best management practices (BMPs), erosion and sediment control, sanitary sewer analysis and design, street and entrance design, water resources, and supporting structural design. **Environmental services** include wetlands, forests and rare species investigation and mitigation, pond and land management, land and water remediation projects, green building consultation, GIS/GPS mapping services, permitting and regulatory compliance, brownfields redevelopment, site remediation and water resources.

**Professional services** are offered on a regional basis in Delaware, Pennsylvania, Maryland and New Jersey. The firm is headquartered in New Castle, Delaware, with branch offices in Dover and Georgetown, Delaware and Havre de Grace, Maryland. The staff of over 50 is comprised mainly of professional civil and environmental engineers and land surveyors, graduate civil engineers and environmental scientists, designers, GPS and GIS specialists, CADD operators, and land survey technicians and field crew. We are HSCA certified, environmental and survey field staff are OSHA 40-hour HAZWOPER Certified, and we have trained and certified LEED accredited professionals and Green Building Specialists under the National Green Building Standards (NGBS) certification program.

**The survey crews** are equipped with EDM Total Station systems, Leica Robotics and Leica GPS 1200, uniting top Global Position System (GPS) and Real Time Kinematic (RTK) technologies with powerful data management for the most efficient and accurate surveys. **The design staff** is supported by state-of-the-art computer and software facilities including 43 high-end workstations and five wide-format plotters, three with color potential and one wide-bed scanner. The workstations support AutoCAD Civil 3D 2008/2010 software, with enhanced 3D and Building Information Modeling (BIM) smart design capabilities, and four workstations support MicroStation V8 and Inroads software. **LandmarkJCM** is among the largest specialist firms of its type in the region.

**QA/QC.** Each project is under the direct management of a firm principal. Project scope, direction, and technical content are the responsibility of that principal, who can call on additional senior staff for assistance, and has ready access to a support staff of experienced designers, scientists, survey and CADD technicians. This procedure of project management insures a functional and cost effective product within the time and budget criteria established with the client. Quality control is the responsibility of a second non-involved principal.

**The principals and associates** are registered professionals in Delaware, Pennsylvania, Maryland, and New Jersey, and have more than 150 years of cumulative experience in the practice of science, engineering and surveying. Their cumulative personal experience totals in excess of three-thousand projects in sizes up through \$200 million in construction cost. The principals have an excellent performance record in satisfying clients' needs for innovation, design quality, meeting schedules, and performing within both fee and desired construction budgets.

**Multidisciplinary Approach.** For projects requiring expertise outside of our area of practice, **LandmarkJCM** often works as part of a multi-disciplinary design team led by others. We can also assemble and administer the team of specialist firms in the appropriate fields.