

*Mill River Restoration Project
Stamford, Connecticut*



Green Seal Environmental, Inc.

*Your leader in innovative, cost-effective environmental
and engineering solutions.*



Engineering • Environmental • Energy Services



ABOUT US

Many private, federal, state and municipal clients call on Green Seal Environmental (GSE) to develop environmental control strategies, assist with compliance issues, and provide environmental assessment services. GSE utilizes extensive regulatory and environmental experience to assess sites for potential contamination and design innovative, cost-effective solutions for remediation of all media including soil, water and air. We provide due diligence for real estate transactions, and consult on projects from landfills and brownfields to Superfund Priority sites to underground storage tank (UST) removals. Our multidisciplinary staff supplies expertise and support in water, wastewater, stormwater, roadway, hazardous waste, air quality, health and safety and beyond.



Project kickoff ceremonies for the Mill River Restoration Project in Stamford, Connecticut.

Our advisory services include all aspects of recordkeeping, reporting and training. We often use advanced technologies as a key element of our methodological approach for environmentally sensitive projects that require protection or analyzing environmental threats.

We invite you to learn more about our company, services and benefits we can provide to you as a GSE client.



QUALIFICATIONS

Green Seal Environmental Inc. (GSE) was founded in 1997 with the goal of providing our clients with the most comprehensive environmental, engineering, construction support and professional consulting services in the New England region. Our success is the result of innovative engineering services and project management, integrated with sensitivity to economic considerations. Attention to detail and adherence to sound engineering principles are cornerstones of our organization. We are registered with the Commonwealth of Massachusetts as a corporation and are licensed to practice engineering in all New England states.

Since our founding in 1997, the company has grown consistently and professionally. Currently, GSE has a production office of twenty-eight employees with support staff, completing projects throughout New England. In the last five years, our staff has completed over 60 infrastructure projects performed on Cape Cod and nearby coastal communities. Our current services offered are vast, including LSP, Survey, Solid Waste, Civil and Site Engineering, and Construction Administration. We employ a full staff of professional engineers, land surveyors, licensed site professionals and field technicians.

In 2003 GSE was accepted into the U.S. Small Business Administration's 8(a) mentoring program, and we are now successful graduates of the 8 (a) program. Graduating to the U.S. Small Business 8 (m) program has given GSE the diversity in service and experience to compete in the Federal arena. In addition to our primary market of municipal and private sector clients, GSE is currently supporting the EPA, USACE, US Navy, USCG, FEMA, US Forest Service as well as several other government agencies. GSE is also a Massachusetts SDO (formerly SOMWBA) Certified DBE/MBE/WBE and is New Hampshire DBE Certified.



CERTIFICATIONS

- Massachusetts SDO Certified D/WBE
- Massachusetts SDO Certified D/MBE
- New Hampshire Certified DBE
- SBA Certified Economically Disadvantaged Women Owned Small Business (EDWOSB)
- Small Business Purchasing Program
- GSA (General Service Administration) Contract



Contract Holder

GSE has recently been awarded a contract under the U.S. General Service Administration (GSA) under the following categories:

- 899 1 - Environmental Consulting Service
- 889 8 - Remediation and Reclamation Service



Portsmouth Naval Shipyard, Portsmouth, NH

PROFESSIONAL STAFF OVERVIEW

- Professional Engineers
- Solid Waste & Recycling Specialist
- MA Licensed Site Professionals
- Professional Geologists
- Biologists
- Hydrogeologists
- Wetland Scientists
- Registered Land Surveyors
- Survey Crews
- Licensed Construction Supervisors
- Environmental Field Technicians
- CAD and Microstation Technicians
- Certified Facility & Program Managers



CONSTRUCTION SUPPORT SERVICES

The goal of GSE's construction services practice is to support today's challenging marketplace by delivering our clients' construction support services safely, on time, and on or under budget. GSE offers the staff, experience and enthusiasm to manage the renovation or construction of your facility. GSE provides a variety of construction support services related to construction including:

- Permitting and Site Development
- Construction Management and Layout
- Civil engineering
- Water and Wastewater Design and Installation
- Storm Water Pollution Prevention Plans (SWPPP) Survey
- Environmental Impact Studies (EIS)
- Construction Quality Assurance and Quality Control (QA/QC)



MUNICIPAL AND INFRASTRUCTURE

Infrastructure allows us to maintain a quality of life that meets our daily needs. It's the potable water that comes out of the faucet, the storm drains that prevent flooding, the sewers that remove spent water from our homes, and the roads that take us to work. Taken for granted by most, these utilities are the core services that municipalities and utility operators are responsible to maintain and improve. Unfortunately, the majority of the population will only notice these utilities when they malfunction. GSE works to proactively identify infrastructure problems before they happen, and provide innovative and sound solutions when they do.

Our infrastructure experience focuses on the following utilities:

- Wastewater and Potable Water
- Roads and Parking Lots
- Stormwater (including water quality and habitat restoration)
- EPA MS4 Assistance
- Drainage Mapping / Outfall Locating
- Water Quality Assessments
- Stormwater Sampling
- Environmental Permitting



GRANT WRITING

One of the unique services of GSE is the preparation and management of several State and Federal grants. Working closely with several municipalities and watershed associations, GSE staff has developed a reputation and expertise to assist our clients through individual applications for stand-alone projects or the guidance to develop a grant funding approach for major municipal projects, ranging from waterfront redevelopment to streetscape and infrastructure improvements.

We provide expert consultation to help our clients understand the grant program, determine if a project is eligible and what expectations should be held. Our staff have successfully written, submitted and managed grant applications under the following programs:

- Massachusetts DEP Section 604(b) Water Quality
- Massachusetts DEP Section 319
- Nonpoint Source Grant
- Massachusetts DEP Sustainable Water
- Management Initiative (SWMI)
- Mass Environmental Trust General Grants
- Massachusetts Department of Ecological
- Restoration Priority Project Program
- MassWorks Infrastructure Program
- Massachusetts Coastal Zone Management Coastal Pollutant Remediation



To date, GSE has assisted with securing over \$3M in grant funds for our clients for various projects.

HAZARDOUS WASTE SERVICES

From initial due diligence and investigation to full-scale site design, redevelopment and remedial construction, GSE offers the staff, experience and resources to provide specialized services or full turn-key support to address your hazardous waste needs and issues.

- Phase 1 and 2 (ASTM or client specific)
- Environmental Media Sampling (soil, surface water, air and groundwater)
- Sampling Plan Development/Execution/Reporting Risk Assessment
- All phases of LSP services under the Massachusetts Contingency Plan (MCP)
- Permitting for Clean-up Activities (Federal/State/Local)
- Design/Operation of Remedial Actions/Systems Including EPA Recognized Innovative Technologies
- NPDES and Groundwater Discharge Compliance Monitoring and reporting
- CERCLA/RCRA - RI/FS RD and RA
- Underground Storage Tank Closure
- Hazardous Materials, Waste Management, Transportation and Disposal Services



FACILITY SERVICES

From initial due diligence and investigation to full-scale site design, redevelopment and remedial construction, GSE offers the staff, experience and resources to provide specialized services or full turn-key support to address your hazardous waste needs and issues. GSE offers experienced, single-source solutions that exceed routine and mission-critical needs of federal, state, local and other government programs. From standard facilities operations and maintenance to environmental remediation and risk management services, GSE has the extensive experience, highly skilled experts and leading edge technology necessary to help Federal organizations exceed their complete facilities maintenance and service requirements. DOD-approved and security cleared, GSE partners with our clients to help them develop strategies for their facilities operations and maintenance needs, designed to guarantee that your facility is operating at peak efficiency.

GSE's facility services include:

- Facility assessments
- Maintenance plan development, Implementation and O&M
- Design and installation services
- Facility renovation management
- Electrical services
- Procurement
- Construction management
- Energy audits
- Environmental reviews
- Environmental permitting



CIVIL ENGINEERING

Any structure is only as solid and reliable as the foundation upon which it was built. GSE and our staff offer Civil Engineering services to the Federal, state, local commercial and industrial clients. GSE offers the following services:

- Site design, development and sub-divisions
- Full capabilities for all civil construction engineering, design, layout and construction oversight
- Sub-surface investigation, analysis and design
- Geotechnical engineering, analysis, design and construction support
- Stormwater system analysis design and installation
- SPCC program development, design, implementation And operations
- Wastewater treatment system design, permitting, construction
- O&M of both municipal and industrial wastewater systems
- Septic design and permitting including innovative alternative (IA) systems
- All facets of CAD and MicroStation



WETLAND RESTORATION

GSE provides a complete range of services supporting the preservation, enhancement, restoration, and creation of terrestrial and wetland ecosystems. GSE provides practical, innovative services for evaluating, restoring, and rehabilitating ecological resources. GSE also offers a comprehensive suite of services to support dredging; including contaminated sediment analysis, design and remediation.

GSE provides restoration and associated services for:

- Land adjustment and preservation
- Groundwater enhancement
- Landscape and watershed analyses
- Habitat and ecological function
- Fish ladders
- River and stream channels
- Estuaries and shorelines
- Recreation planning
- Public involvement assistance
- Bird and wildlife studies
- Mitigation planning including stormwater and NPDES Wetlands (both salt water and freshwater)



ENVIRONMENTAL SERVICES

GSE specializes in providing environmental sciences, engineering and planning support for clients throughout the United States. GSE scientists and engineers systematically analyze the impacts of past and present human activities on the environment, and then provide solutions that are both sustainable for the environment and achievable for our clients. Our Environmental services include:

- Site investigations / Wetland Assessments and Delineations
- Permitting / Wetland Restoration Design
- Biological Studies including Ornithological Assessments
- Bench/Pilot/Full-Scaled Studies for Innovative Technologies
- Geological and Hydrogeological Investigations
- Biological / Cultural / Natural Resources Management
- Environmental Impact Statements (EISs)
- Environmental Assessments (EAs)
- Pollution Prevention and Recycling National Environmental Policy Act (NEPA) Compliance
- Threatened and Endangered Species Surveys
- Base Realignment and Closure (BRAC) and other Military Transformation Support
- Under/Aboveground Storage Tank Services / Risk Assessment



RENEWABLE ENERGY

GSE is one of a select few firms in the US that is able to provide a range of environmental, engineering, and construction support services for all phases of a solar and biomass energy development projects. With the obstacles and challenges of developing viable energy production from renewable sources in today's uncertain economy and marketplace, energy developers, utilities and investors need an experienced partner with the skill-set, knowledge and experience to understand what is necessary and required to site, design, permit, build, and maintain economically and environmentally feasible wind and biomass generating projects. Our services include:

- Facilities Siting
- Geographic Information
- System (GIS) Applications
- Biological Assessments and Evaluations
- Licensing and Permitting
- Transmission Line Siting and Permitting
- Site/Civil Engineering/Layout and Design
- Avian Studies
- Fuel Matrix Quantification
- Beneficial Use Determinations (BUDs)
- Fuel Shed Analysis



SURVEY

From initial site selection and property boundary surveys to extensive design and permitting support, GSE offers a full service, professional survey staff, and the latest in survey equipment, techniques and experience. GSE offers robotic survey capabilities that save time, labor and analysis costs.

GSE's survey services include:

- Boundary Surveys
- Construction Layout
- CAD/As-Builts
- Lot Corners Installed / Lot Line Staking
- Plot Plans / Building Permit Plans
- Environmental Permitting
- Topographic Surveys
- Deformation Monitoring
- GPS Control Surveys
- FEMA Flood Elevation Certificates and Adjustments

