

Brownfield Restoration

and Land Revitalization

Brownfield grant-writing, cleanup and reuse

Brownfield properties are sites previously used for commercial or industrial purposes where the presence or potential presence of a hazardous substance, pollutant or contaminant may complicate the sale, redevelopment, or reuse of the property. Often located in metropolitan and urban areas with high real estate value potential, remediating these sites can be an attractive business opportunity for property owners and redevelopers. Community stakeholders are eager to revitalize brownfield properties to foster local community growth, new business and job opportunities. Economic benefits are derived by assessing and remediating impaired sites using funding from federal and state grants. The EPA Brownfields Program provides funding for creating inventories, planning environmental assessments, community outreach and cleanup activities.

For more than 40 years, GES has provided integrated environmental services that support every phase of a Brownfields redevelopment project. Our Brownfields specialists work to ensure that remediation efforts result in a meaningful revitalization of a site that repositions the property for a sale and adds value to the community. GES assists state, regional and local economic development agencies to implement their grant funded assessment plans. Additionally, we assist private developers and property owners in protecting their investments by bringing leading-edge field methods, rapid characterization techniques, and aggressive remediation technologies to assess and cleanup Brownfields. The results are restored assets suitable for planned future land uses, with reduced liabilities and greater returns for the community. GES offers:

- A dynamic team of scientists, engineers, strategic business partners, and former regulators committed to meeting the needs of all redevelopment stake holders.
- Life-cycle costing methods that evaluate the true cost of alternative remediation methods and help select the most appropriate approach for property reuse.
- Expertise to develop technically sound risk allocation strategies that define and limit long-term environmental liabilities.
- State-of-the-art modeling and analysis capabilities to evaluate large data sets, contamination trends, remedial alternatives, and mitigate risk.
- Aggressive remediation approaches that include chemical oxidation, chemical reduction, and bio-remediation techniques for the rapid and safe destruction of many contaminants.

Service Capabilities

Grant writing
Preliminary assessment and due diligence
Phase I/II ESAS
Sampling and analysis plans
Site investigations
Ecological evaluations
Wetland delineation and waters of the US
Geologic and hydrogeologic characterizations
3-D subsurface visualizations
Vapor intrusion investigation and mitigation
Analysis of brownfields cleanup alternatives plans
Regulatory advocacy and community outreach
Remedial design
Regulatory permitting
Closure negotiations
UST remediation and closure
Remediation construction oversight
Treatment system OM&M
Air quality services
Stormwater pollution prevention plans
Licensed remediation professionals (NJ, MA, CO, OH, WV)