Our Services

**Water Resources**
Blackstone provides full-service water resource planning, design, restoration, and development services to private and public clients throughout the Midwest. Our engineers, geologists, and scientists offer extensive experience in planning and implementing integrated water resource solutions through proven best practices and innovative technologies.

**Solid Waste**
Blackstone provides solid waste consulting services — design, planning, permitting, construction oversight, and operations management — for landfills, recycling centers, transfer stations, and waste processing facilities. We also offer siting services for new solid waste facilities and expansion support for existing facilities, including state and federal permitting.

**Geology & Hydrogeology**
Our knowledgeable team has extensive experience completing geological and hydrogeological studies for an array of projects, including landfill expansions, quarry reserve studies, and groundwater modeling. Blackstone’s understanding of geological and hydrogeological processes and in-depth field experience results in practical and technically sound solutions.

**Groundwater**
The Blackstone team supports several private and municipal landfills with groundwater compliance activities throughout the Midwest and works closely with regulators on groundwater monitoring projects. We provide compliance monitoring and reporting, design and installation of monitoring networks, sampling, statistical analysis, analysis plans, and other specialized services.

**Civil Engineering**
Blackstone offers civil engineering consulting services, including design, planning, permitting, construction oversight, and operations management for public and private clients. In addition, our team provides extensive experience in water resources, stormwater management and design, and permitting requirements.

**Air Quality**
Blackstone supports all phases of the air quality permitting and compliance process. From developing a permitting strategy for project planning, assisting with a complex Title V permit renewal, or developing compliance plans, our experience translates into accurate and timely permit applications and compliance requirements with operational flexibility.
Environmental Compliance & Permitting
Maintaining environmental compliance with applicable laws and regulations is critical to our clients’ success. Our experienced staff keep up to date on the latest changes in environmental rules, regulations, standards, and laws. We work with our clients to minimize environmental impacts, improve performance, correct deficiencies, and provide training.

Pipeline Services
Blackstone provides a variety of services to the oil and gas pipeline and utility corridor market sectors. Our team assists pipeline and utility companies with environmental engineering and regulatory compliance through pipeline integrity protection, operational permitting, new route constraints analysis and permitting, and contaminated site mitigation.
Site Assessment & Brownfields Redevelopment
Reducing blight is a high priority in the communities we serve. Blackstone can help turn eyesores into assets by securing funding, conducting environmental site assessments, and recommending cleanup strategies. Our services include grant applications, targeted Brownfields assessments, and environmental due diligence.

Due Diligence
Understanding today’s regulatory landscape and environmental risks can be a challenge within environmental compliance requirements. Blackstone supports municipal, commercial, industrial, landfill, residential, and rural property clients through site assessments, risk management, and permitting services.

Stormwater Management
Blackstone’s creative engineers and scientists utilize traditional and green infrastructure design to develop structural and non-structural best management practices, which address site application and stormwater management requirements. We also provide expertise in permitting and site requirements.

Unmanned Aerial Vehicle (UAV) & Geospatial Services
Our UAV expertise is essential for engineering design and site redevelopment. The Blackstone drone provides aerial imagery, inspections of critical assets, and bird’s-eye-views of contaminated sites. Additionally, by using our UAV data combined with GPS, we can pinpoint precise locations and inventory assets.

Wetland & Ecological Assessment
Blackstone has significant expertise providing wetland and ecological assessment services to private and municipal clients. Our technically diverse team understands and can execute all aspects of the process from engineering design, to wetland and stream assessment, to habitat assessment services.

Odor Services
When approaching an odor issue, Blackstone’s experts work with clients to identify odor sources, develop and conduct monitoring and modeling analyses, and develop odor management and mitigation plans. We also provide odor classification, complaint management, and database development services.

Litigation Support & Expert Witness Services
Our cross-disciplinary team of technical and scientific professionals provides technical consulting, litigation support, and expert witness testimony services. Blackstone’s specialized services include depositions, regulatory and technical case consultation, and research and assessment.