

# **GENESIS PROJECT, INC.**

## **ENVIRONMENTAL SERVICES**

### **STATEMENT OF QUALIFICATIONS**



**Genesis Project, Inc.**  
ENVIRONMENTAL SERVICES

#### **GEORGIA**

1258 CONCORD ROAD, SUITE 200

SMYRNA, GA 30080

770.319.7217

MMITCHELL@GENPROJECT.COM

#### **NORTH CAROLINA**


32 N. MAIN STREET, SUITE 200

BELMONT, NORTH CAROLINA 28012

704.461.8146

MMCDUFFIE@GENPROJECT.COM





**Atlanta, Georgia**  
Mark D. Mitchell PG, Principal  
770.319.7217  
mmitchell@genproject.com

**Atlanta, Georgia**  
Michael C. Price, Principal  
770.319.7217  
mprice@genproject.com

**Charlotte, North Carolina**  
Matthew H. McDuffie PG, Associate  
704.841.0224  
mmcduffie@genproject.com





#### **WHAT WE DO:**

---

Based on our extensive experience in the environmental arena since the 1980s, we work with our clients to create value and sustainable solutions for environmental issues associated their physical assets. Whether it is a prospective purchase for their portfolio or an existing asset, Genesis Project has both the knowledge and understanding to effectively guide our clients in both the federal and local regulatory arenas as well as provide comprehensive evaluation of potential environmental risk.

#### **WHO WE ARE:**

---

Genesis Project is made up of chemists, geologists, hydrogeologists, ecologists, biologist, marine scientist and risk assessors. Through the integration of these fields, we are able to provide our clients with comprehensive solutions to address their environmental consulting needs.

#### **WHO WE SERVE:**

---

CHEMICAL MANUFACTURING/PROCESSING

PUBLIC UTILITIES AND MUNICIPALITIES

PETROLEUM MARKETERS AND DISTRIBUTORS

FINANCIAL INSTITUTIONS AND LENDERS

LEGAL COMMUNITY

PROPERTY ACQUISITION FIRMS

REAL ESTATE BROKERS

PROPERTY MANAGEMENT FIRMS



## **COMPANY OVERVIEW**

---

Founded in 1996, with a goal of providing high-quality environmental consulting services, Genesis Project specializes in environmental assessment and corrective action involving soil and groundwater impacts. Genesis Project is not “everything to everyone” and does attempt to offer every service available in the environmental marketplace, but rather strives to provide the highest-quality services available in our area of expertise. Through our extensive experience in the environmental field, Genesis Project has gained a knowledge base within a wide variety of regulatory arenas resulting in the development of cost-effective solutions for our clients.

Environmental investigation and regulatory compliance is ever increasing in complexity, and our success is based on guiding our clients through the difficult maze of environmental regulation. We achieve this success through a client focused approach, based on understanding the specific needs and objectives of our clients, which results in the implementation of efficient and state of the art solutions that meet their short- and long-term goals. Our capabilities provide a solid foundation and the clear vision necessary to simplify options, define risks, and realize goals.

With offices located in Atlanta, Georgia and Charlotte, North Carolina as well as professional registration in Alabama, Florida, Georgia, South Carolina, North Carolina, Tennessee, and Arkansas, Genesis Project’s team of environmental professionals has completed projects for both the public and private sector throughout the southeastern United States.





Every site has unique physical characteristics that drive regulatory compliance. As a result, it is critical to have a clear understanding of both the regulatory and technical issues associated with a site during the development of cost-effective solutions that satisfy the appropriate regulatory body. Genesis Project has both the knowledge and understanding to effectively guide clients in both the federal and local regulatory arenas as well as provide comprehensive evaluation of the potential environmental risks associated with a particular site.

---

#### **AREAS OF EXPERTISE**

##### **ENVIRONMENTAL INVESTIGATIONS**

Asbestos Containing Materials Assessment  
CERCLA / RCRA / TSCA  
Petroleum Hydrocarbon  
State Brownfields  
State Superfund  
Phase I/II Environmental Site Assessment

##### **REMEDIAL ALTERNATIVE DEVELOPMENT**

Risk-Based Corrective Action  
Remediation System Design  
System Installation and Operation  
Remedial System Effectiveness Evaluation

##### **SPECIALTY SERVICES**

Aquifer Testing and Analysis  
Risk Assessment  
Exposure Pathways Analysis  
Vapor Intrusion, Investigation, Modeling and Mitigation  
Groundwater Flow Modeling  
Contaminant Fate and Transport Modeling  
Mobile Laboratory  
    PCB EPA Method 4020  
Data Validation and Evaluation  
Regulatory Negotiation Support  
Expert Witness Services



## REGULATORY QUALIFICATIONS AND RELATED EXPERIENCE

### CERCLA/STATE SUPERFUND

The United States Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly known as Superfund, in 1980. Today, Superfund remains a significant financial exposure to corporations that may have contributed to the disposal of these materials in the past.

At the local level, state agencies regulate environmental concerns that are not addressed under the umbrella of the Federal RCRA and CERCLA programs. It is critical for a consultant to possess a thorough understanding of the local regulatory arena and the clients' goals in order to create cost-effective solutions and avoid potential pitfalls associated with locally enforced environmental regulations.

Our professionals have both the knowledge and understanding to effectively guide clients through this regulatory process. We create cost-effective solutions for site investigation strategies and remedial approaches that meet the requirements of the appropriate regulatory agency.

### CAPABILITIES:

Regulatory Agency Negotiation  
Site Investigation and Reporting  
PCB Field Screening  
Remedial Investigation/Feasibility Study  
Remedial Design Implementation  
Post Corrective Action Documentation  
Construction Management





## RCRA/TSCA

Due to the complex nature of this regulatory field, a thorough understanding of both federal regulations and how local regulatory agencies implement these hazardous waste regulations is necessary. This requires a consultant that understands these issues and can develop appropriate strategies that include clear communication with regulatory agencies, appropriate data collection activities and analysis of effective remedial alternatives.

Our professionals have both the knowledge and understanding of the regulations at both the federal and state levels to effectively guide our clients through this process. We create cost-effective solutions for site investigation strategies and remedial approaches that meet the requirements of the appropriate regulatory agency.



### CAPABILITIES:

- Program Management
- Waste Characterization
- Compliance Audits/Permitting
- Risk Assessment and Remediation
- Work Plan Drafting and Implementation
- Work Plan Closure Documentation
- PCB Field Screening
- Post Closure Care Monitoring





## **PETROLEUM HYDROCARBON SERVICES**

Underground storage tanks (USTs) and petroleum hydrocarbon contamination represents a unique challenge due of the nature of the contaminants and the sheer number of sites throughout the United States. As a result, these sites are subject to specialized technical and regulatory treatment that may need to be completed within the constraints of the various state reimbursement programs.

Genesis Project staff has quickly guided clients through the regulatory process by creating cost-effective solutions tailored to each site. The firm has successfully addressed contamination at sites and facilities involved in the production, refining, transportation, storage, and distribution of petroleum products.



### **CAPABILITIES:**

- UST Closure and Assessment
- Soil and Groundwater Assessment
- Groundwater Monitoring
- Risk Assessment
- Remedial Alternative Development
- Remedial System Implementation
- Remedial System Operation
- Remedial System Evaluation
- Aquifer Testing
- Fate and Transport Modeling
- Emergency Response Coordination





## **ENVIRONMENTAL RISK EVALUATION**

Environmental concerns are ever-present in any real estate transaction or property redevelopment project and making sound business decisions is critical for success. A thorough understanding of potential risks and clearly defined options are crucial to avoiding regulatory responsibility, limiting legal liability, and maximizing financial return.

Recent amendments to the ASTM Standard (ASTM E1527-13) require comprehensive knowledge of the scope and limitations of a Phase I/II Environmental Site Assessment process. Many state Brownfields Programs offer true limitation of liability for a prospective purchaser and provides investment and/or development opportunities that were previously unachievable.

Genesis Project has a proven record of providing an accurate assessment of environmental risk, development of site-specific solutions, and minimizing financial exposure in guiding the decision making process associated with real estate transactions and property redevelopment.



### **CAPABILITIES:**

Environmental Site Assessments  
Phase I/II ASTM E1527-13  
State Brownfields Investigations  
Voluntary Remediation Programs  
Interim Corrective Action  
Regulatory Agency Negotiation  
Strategy Development



## **ASBESTOS CONTAINING MATERIALS ASSESSMENT**

Whether it is through the purchase of a new property for a portfolio or the renovation of existing assets, the potential presence of asbestos containing materials (ACMs) is a concern for anyone involved in real estate development, management or ownership.

Genesis Project staff has extensive experience in the management and performance of destructive and non-destructive ACM surveys at a wide variety of buildings. These include preliminary and all-inclusive surveys for renovation and demolition of single and multifamily residential structures, as well as commercial and industrial facilities.

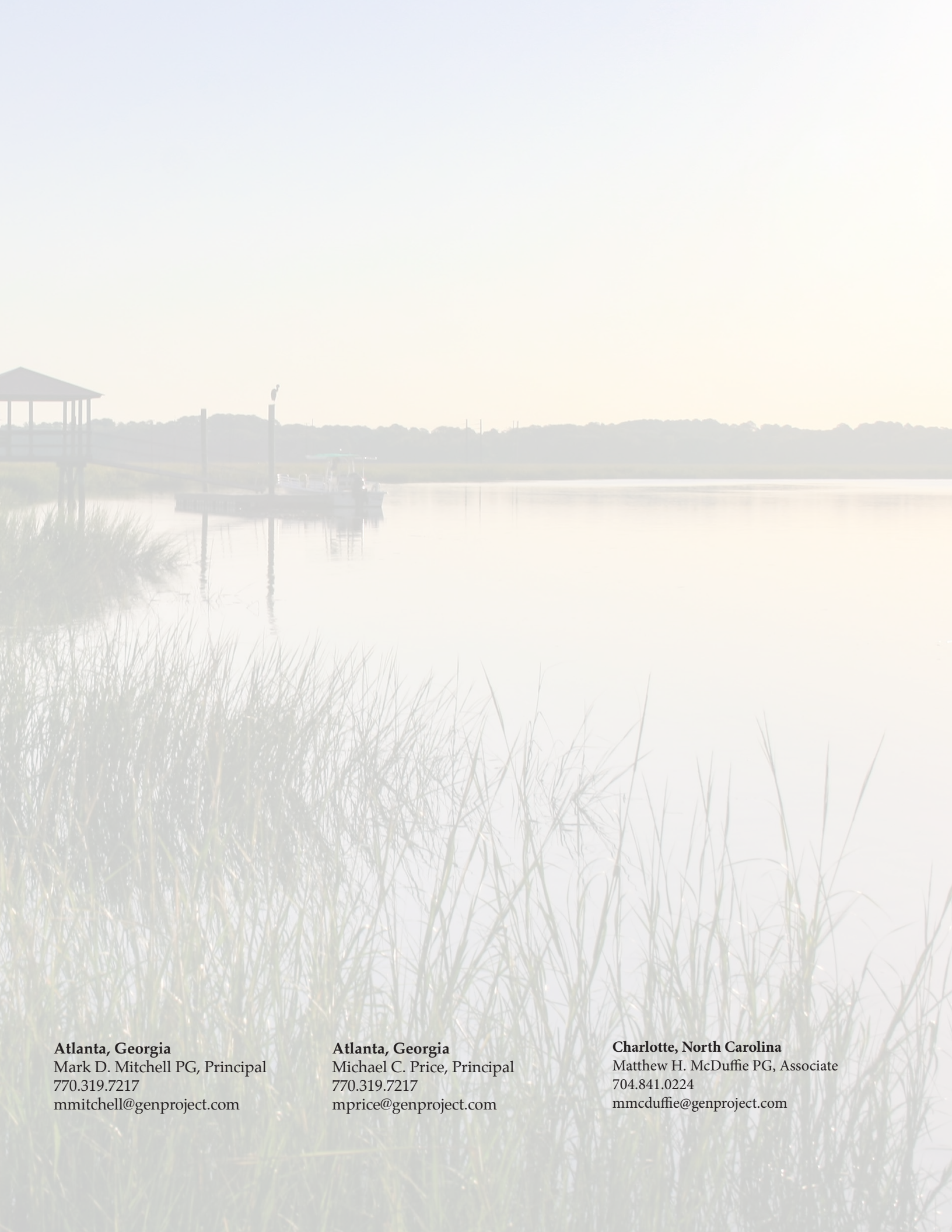
Our personnel are accredited Building Inspectors under the U.S. Environmental Protection Agency (USEPA) Asbestos Hazardous Emergency Response Act (AHERA) and certified in Georgia, North Carolina and South Carolina.

### **CAPABILITIES:**

Destructive ACM Surveys  
Non-Destructive ACM Surveys  
Regulatory Reporting and Negotiation







**Atlanta, Georgia**

Mark D. Mitchell PG, Principal  
770.319.7217  
mmitchell@genproject.com

**Atlanta, Georgia**

Michael C. Price, Principal  
770.319.7217  
mprice@genproject.com

**Charlotte, North Carolina**

Matthew H. McDuffie PG, Associate  
704.841.0224  
mmcduffie@genproject.com





**Genesis Project, Inc.**  
ENVIRONMENTAL SERVICES

