



RECEIVED
DPMC

2014 JAN -9 A 11: 07

Dewberry Engineers Inc.
600 Parsippany Road, Suite 301
Parsippany, NJ 07054-3715
973.739.9400
973.739.9710 fax
www.dewberry.com

January 9, 2014

Department of Treasury, Division of Property Management & Construction
ATTN: Catherine Douglass
Plan Room—9th Floor
Contracts & Procurement Unit
33 West State Street, PO Box 034
Trenton, New Jersey 08625-0034

RE: Proposal for Demolition Consultant Term Contract, TC-008
DPMC Project P1103-00

Dear Selection Committee:

For the State's Demolition Consultant, the devil is in the details, to use a colloquialism. The State requires consultants who can be trusted to coordinate and perform a myriad of relatively simple tasks and advance them along a critical path to completion within a 90-day period, while complying with federal reimbursement requirements. Since the State anticipates a large volume of demolition properties in the program, minor errors or strategy imperfections will be multiplied many fold, and could result in ineligibility claims, appeals, and de-obligation of funds. By the same token, critical path improvements and efficient project management will save the State time and support full funding reimbursement as well as clean performance audits by the Federal Emergency Management Agency (FEMA), the US Department of Housing and Urban Development (HUD), and other funding agencies.

Dewberry Engineers Inc. (Dewberry) is uniquely positioned to support the State as Demolition Consultant for the Blue Acres Buy-Out Program and other demolition projects.

- **We bring deep, local civil engineering and environmental services resources and knowledge.** The State requires Demolition Consultants to develop designs for the demolition and proper disposal of dwellings and associated structures on properties designated to be purchased as part of the Blue Acres Buy-Out Program. Dewberry's New Jersey practice is comprised of more than 230 civil, environmental, and support personnel focused principally on delivering site survey, design, permitting, bidding, and construction administration services for state and local agencies. The personnel that we commit to TC-008 have coordinated demolition projects for clients including the NJDEP, New Jersey Department of Transportation, New Jersey Turnpike Authority, and New Jersey Schools Development Authority, among others. Our knowledge of local regulations and our attention to detail will be critical to collecting proper site data, coordinating with private utilities and local governments, shepherding permits, preparing clear bid documents, troubleshooting unexpected conditions, overseeing contractors, and providing proper documentation.
- **We are national experts with FEMA and HUD disaster and mitigation programs.** The State requires that activities performed by TC-008 Demolition Consultants and the DPMC classified construction contractors meet all applicable FEMA performance standards as well as eligibility criteria for potential funding from HUD or other federal programs. Dewberry was FEMA's first Public Assistance contractor; no company has worked on the program

longer than us. Our staff also includes Hazard Mitigation Assistance (HMA) grant program experts, including individuals who support local governments in acquiring flood-prone properties. We know the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and Flood Mitigation Assistance (FMA) program. Our experience also includes HUD reimbursement; in fact in this Post-Sandy world, we are collaborating with HUD to shape documentation that will meet Community Development Block Grant-Disaster Recovery (CDBG-DR) funding. Our team includes the very leaders who helped create today's disaster and mitigation programs—those individuals are available to support the State in maximizing reimbursement for Blue Acres Buy-Outs, and doing so quickly and efficiently.

- **We have proven that we can successfully manage similar programs for NJDEP and other state agencies.** The State requires TC-008 Demolition Consultants to be available to accept multiple Work Order assignments of varying sizes in various locations statewide over a three-year term. We built the Dewberry practice on Work Order contracts by providing fast turnaround, strong project management, good communication, and effective solutions on multiple, concurrent, multi-discipline work orders on time and within budget. Since 2011, we have held TC-007 for NJDEP Floodplain Study Mapping Services, supporting the State on multiple tasks. In 2013, we had the opportunity to support the NJDEP as Project Manager of the Waterway Debris Removal program. Facing challenges ranging from fast-moving storms that forced schedule changes to timing restrictions for breeding and nesting areas, Dewberry partnered with the NJDEP and its contractors to remove the debris within the Governor's deadline. We are also supporting NJDEP as an Environmental Field Contractor providing environmental and historic preservation reviews for CDBG-DR funding; we have been awarded 147 sites to date and completed 142.

We are pleased to include GZA GeoEnvironmental (GZA) on our team. GZA is a multi-disciplinary consulting firm offering hazardous materials consulting, demolition services, environmental and remediation consulting, geotechnical engineering, and health and safety consulting. GZA and Dewberry have collaborated on more than 15 projects; we respect GZA's accomplishments during the firm's 45 years of demolition consulting and we believe GZA will be a strong technical advocate for the State on the Blue Acres Buy-Out Program. GZA personnel will strengthen Dewberry's in-house resources by providing environmental engineers and scientists, hazardous materials specialists, and construction inspectors.

Together, Dewberry and GZA have five New Jersey locations positioned to support TC-008 statewide including, but not limited to, in the floodways of the Delaware, Passaic, and Raritan Rivers, and along the Jersey Shore. Dewberry has personnel resources in Bloomfield, Parsippany and Mount Laurel offices. GZA has personnel resources in Fairfield and Hammonton.

We are committed to performing the Scope of Work outlined in your Request for Proposal dated November 20, 2013 and clarified in Addendum "A", of December 20, 2013. We agree to the Terms and Conditions stated in the referenced documents. If you require any further information please contact us at 973.576.9683 or ccirrotti@dewberry.com for Chris Cirrotti and 973.576.9646 or seget@dewberry.com for Steve Eget. We look forward to supporting the State on this important initiative.

Sincerely,
Dewberry Engineers Inc.



Christopher Cirrotti PE, PP, CME, LEED AP BD+C
Principal-in-Charge

TABLE OF CONTENTS

SECTION	PAGE
Cover Letter	
Table of Contents	
Abbreviations	
1 Organization Chart/Staffing Plan.....	8
Project Team	
Management Team	
Organization Chart	
Capability to Support Existing Obligations While Undertaking the Work	
Management Approach	
Project Key Personnel List	
Key Personnel Resumes	
2 Experience on Projects of a Similar Size and Nature.....	71
Five Project Histories	
Key Team Member Project Experience Data Sheets	
3 Project Approach to Services on a Typical Project Assignment.....	124
Project Approach	
Typical Project Schedule	
Contingency Plans for Dealing with Problems and Correcting Errors that Occur	
Policies and Procedures for Maintaining Quality Control and Conducting Inspections and Oversight of the Work	
Understanding and Knowledge of DPMC and NJDEP Procedures and Processes	
Knowledge and Familiarity with FEMA and HUD Requirements	

TABLE OF CONTENTS

SECTION	PAGE
4 Term Contract Rate Schedule by Personnel Level	149
Consultant Affidavit	
Term Contract Rate Schedule by Personnel Level	
5 Administrative Forms	152
Dewberry	
Acknowledgment of Addenda 1	
MacBride Principles	
Disclosure of Investment Activities in Iran	
Certificate of Employee Information Report	
Source Disclosure Certification (Chapter 92)	
Insurance Certificate	
GZA	
MacBride Principles	
Disclosure of Investment Activities in Iran	
Certificate of Employee Information Report	
Source Disclosure Certification (Chapter 92)	
Insurance Certificate	

Abbreviations

Table 1: List of abbreviations

Abbreviation	
ACM	Asbestos Containing Materials
AHERA	Asbestos Hazard Emergency Response Act
AOC	Area of Concern
AST	Above-ground Storage Tank
DPMC	Division of Property Management and Construction
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
HUD	United States Department of Housing and Urban Development
ISRA	Industrial Site Recovery Act
JCP&L	Jersey Central Power & Light
LBP	Lead-Based Paint
LNAPL	Light Non-Aqueous Phase Liquids
LSRP	Licensed Site Remediation Professional
NJDCA	New Jersey Department of Community Affairs
NJDEP	New Jersey Department of Environmental Protection
NJDOL	New Jersey Department of Labor
NJDOT	New Jersey Department of Transportation
NJOEM	New Jersey Office of Emergency Management
OSHA	Occupational Safety and Health Administration
PA	Preliminary Assessment
PANY/NJ	Port Authority of New York and New Jersey
PSE&G	Public Service Electric & Gas
RAO	Response Action Outcome

Abbreviation	
RAW	Remedial Action Workplan
RI	Remedial Investigation
SESC	Soil Erosion and Sediment Control
SI	Site Investigation
SRRA	Site Remediation Reform Act
USACE	United States Army Corps of Engineers
UST	Underground Storage Tank

ORGANIZATION CHART/STAFFING PLAN

This section describes the roles and responsibilities of our project team, contains an organization chart that delineates the roles of personnel, provides information on key personnel qualifications, describes our management approach (incorporating quality assurance and health and safety), and demonstrates our capability and capacity to support the Blue Acres Buy-Out Program and other State demolition projects.

- Resumes of our key personnel begin on page 21.
- Table 2 and Table 3 highlight the staff shown on our organization chart.
- The Project Key Personnel List indicating the respective time that each key individual will be dedicated to each phase of work on a typical assignment is located at the end of this section.

Project Team

DEWBERRY will be the prime consultant on TC-008. We will be responsible for managing the contract and specialty subconsultants (including professional services, laboratories, and contractors). We will provide quality assurance for contract management, including budget and schedule control for individual work orders, as well as contract-wide health and safety oversight. In addition, Dewberry will provide technical services in all categories specified in DPMC's RFP, with the exception of lead paint evaluation. Our relevant DPMC prequalification categories include:

- P05 Civil Engineering (Unlimited)
- P011 Environmental Engineering with NJDEP - Licensed Site Remediation Professional (LSRP) on staff

- P031 Archaeology
- P037 Asbestos Management & Design
- P025 Estimating/Cost Analysis

Dewberry is a 1,800-person professional services firm operating nationally. The firm maintains 40 locations and provides services in program management, planning, engineering, architecture, mapping, geographic information services, and the environmental sciences.

In New Jersey

We have enjoyed a significant role in shaping New Jersey for more than 50 years. With more than 230 personnel in Parsippany, Bloomfield, and Mount Laurel offices, our clients include local, state, and federal government agencies as well as the private sector. Our state and quasi-state agency clients include:

- NJ Department of Environmental Protection
- NJ Department of Treasury, Division of Property Management and Construction
- NJ Schools Development Authority
- NJ Department of Human Services
- NJ Department of Transportation
- NJ Economic Development Authority
- NJ Transit
- NJ Turnpike Authority
- Port Authority of New York and New Jersey

Civil and Environmental Capabilities

Successful civil and environmental projects typically start with a strong knowledge of local conditions—including a region's physical, political, regulatory, economic, and demographic factors. Our network of community-based offices enables our clients to benefit from Dewberry's local experience and presence, as well as our familiarity with zoning issues, plan development and review processes, local codes and ordinances, and community concerns. Our multi-disciplinary team in New Jersey includes civil engineers and environmental specialists working elbow-to-elbow to assess sites and develop solutions in a fully collaborative environment—yielding time and budget savings to our clients. Our New Jersey-based team of 236 personnel includes site/civil engineers, planners, environmental engineers, floodplain managers, ecologists, environmental permitting specialists, public outreach specialists, geologists, archaeologists, architectural historians, and construction management/inspection professionals.

Our demolition experience is wide ranging—spanning from residential demolitions to make way for NJDOT's largest project in construction to date—the Direct Connection Interchange in Camden County—to more modest undertakings such as demolition of aging schools to support new construction for the New Jersey Schools Development Authority. Most recently, we acted as Project Manager for the NJDEP's Waterway Debris Removal Program in 2013, where we managed the \$157-million program requiring Dewberry resources in engineering, hazardous materials, archaeology, permitting, cost estimating, construction management,



and debris removal. In each of these instances, we partnered with the lead New Jersey State agency to cut red tape, streamline environmental review, and keep the public informed.

National Leader in Hazard Mitigation

Dewberry is one of FEMA's primary contractors, having been a prime contract holder, joint venture partner, or major subcontractor on FEMA's Housing Inspection Services (HIS) contract, Individual Assistance Technical Assistance Contract (IATAC), Public Assistance Technical Assistance Contract (PATAC), Technical Assistance Research Contract (TARC), Risk MAP Production and Technical Services (PTS) Contract, and Hazard Mitigation Technical Assistance Program (HMTAP) contract, each for multiple contract terms. With many of the most recognized and respected disaster and mitigation experts and thought leaders nationwide, Dewberry is an industry leader in the full spectrum of emergency management disciplines, including FEMA/HUD reimbursement support, and is uniquely positioned to provide "whole of practice" solutions to NJDEP/DPMC.

GZA GEOENVIRONMENTAL (GZA) will be Dewberry's subconsultant, taking the lead on hazardous materials (including asbestos and lead) tasks and supporting Dewberry with subsurface contamination issues if warranted. GZA and Dewberry have collaborated on more than 15 past projects; we respect GZA's accomplishments with demolition consulting and believe they will be a strong technical advocate for the State on the Blue Acres Buy-Out Program.

GZA is a multi-disciplinary consulting firm offering hazardous materials consulting, demolition services,

environmental and remediation consulting, geotechnical engineering, and health and safety consulting. Celebrating its 50th anniversary in 2014, GZA has 25 offices in the United States, including offices in Fairfield and Hammonton, NJ. Among other categories, GZA is prequalified by the DPMC in:

- P065 Lead Paint Evaluation
- P011 Environmental Engineering with NJDEP - Licensed Site Remediation Professional (LSRP) on staff

GZA has over 45 years of experience assisting clients in assessing, designing, and managing demolition projects from demolition of residential blocks to large-scale redevelopment projects. GZA brings not only solid technical skills to develop the optimal approach but also the strong construction management skills critical to implementing the solution. The firm has a reputation of practicing value engineering to identify opportunities to limit project costs and accelerate project schedule. GZA has built a positive reputation with the regulatory community and is consistently ranked in the top 100 for *Engineering News Record's* (ENR's) annual list of the top 200 environmental firms. GZA's demolition project experience includes the Tappan Zee Bridge and Yankee Stadium, as well as multiple projects for the Salvation Army including the Kroc Community Center of Boston, the largest social community center in the Northeast.

Management Team

Our team will be led by **Steven Eget, PE**. He has more than 20 years of experience in civil engineering and environmental consulting, is a practicing New Jersey professional engineer, and holds a masters degree in

environmental engineering and a bachelors degree in civil engineering. Steve has managed more than ten Work Order-type contracts for New Jersey and New York public agencies, with overall responsibility for hundreds of tasks involving demolition, utility coordination, asbestos/lead/hazardous materials, above and underground storage tanks, soil erosion and flood hazard area permitting, cultural resources compliance, public outreach, and construction management. He also brings valuable insights from work on debris management, air quality, and hazard mitigation contracts, including those following the attacks of September 11, 2001 and Superstorm Sandy. Steve was involved with hazardous materials and health and safety services for Dewberry's NJDEP Waterway Debris Removal Project Management contract. In addition to his experience, Steve brings a can-do, proactive attitude to program management—*Steve's contracts are not managed from behind a desk.*

Peter Black, PE, CME, will serve as Deputy Program Manager. Peter has supported the NJDEP on contracts, development of regulations, and permitting since 1975. He is involved with Dewberry's Floodplain Study Mapping Services Term Contract TC-007, and has led other DPMC contracts including the recent Sanitary Sewer Connection for the New Jersey Training School for Boys in Monroe Township. In addition to his comfort with DPMC and NJDEP procedures, Peter is an expert with the New Jersey utilities, permitting, and approvals, all of which will be critical to meeting the 90-day schedule for TC-008 Work Orders. He has successfully managed similar Work Order contracts for clients including the Port Authority of NY/NJ, NJDOT, and Federal Express. Peter holds a bachelors degree in civil

engineering; he is a licensed Professional Engineer and Certified Municipal Engineer in New Jersey.

Given GZA's key role in the project, we are identifying **Steven Roland, PE**, as GZA Team Manager, responsible for GZA's overall performance on this contract. He has managed over 200 hazardous waste/demolition projects with engineering fees totaling over \$100M and total construction/remediation costs exceeding \$250M. He holds a bachelors degree in civil engineering and is a licensed Professional Engineer in New Jersey.

Christopher Cirrotti, PE, PP, CME, LEED AP BD+C, will be our Principal-in-Charge responsible for verifying that Dewberry provides the necessary quality,

resources, and responsiveness on this contract. Chris is the principal responsible for Dewberry's engineering practice based in Parsippany; he has the ability to redirect firm-wide resources to this contract and the ability to troubleshoot issues requiring executive-level authority. The management team also includes Dewberry's **Ileana Ivanciu, PhD, PG**, and GZA's **John Murphy, CHMM**, as Quality Assurance Managers. Both professionals bring more than 25 years of experience in demolition and related projects and are recognized for their ability to create a culture of quality. Ileana chairs the American Council of Engineering Companies New Jersey Chapter NJDEP Liaison Committee and was the Principal-in-Charge of Dewberry's NJDEP Waterway Debris Removal Project Management contract. John serves as GZA's Risk Manager and brings deep

subject matter knowledge in demolition. Health & Safety Manager **Thomas Cumello, PG**, has supported Dewberry's New Jersey term contracts as Health & Safety Manager since 2006. He combines practical knowledge of civil and environmental operations, understanding of the hazards of field activities in residential areas, and a genuine understanding of Dewberry's Corporate Health & Safety Program.

The Work Order Managers will be responsible for the direction of individual Work Orders and their staffing, budgets, schedules, deliverables, subcontractors, and coordination. We are pleased to offer five seasoned work order managers.

Table 2: Work Order Managers At-a-Glance

Name	Years with Firm	Degree	Highlights of Value to TC-008
Steven Benosky, PE	12	BS, Civil Engineering	<ul style="list-style-type: none"> • Experience with DPMC contracts • Coordinated demolition (project scoping, design development, permitting, bidding, and construction administration) for state and private clients • Task Manager on contracts for Port Authority NY/NJ, NJDOT, Federal Express; permitting expert
James Heeren, PE, ENV SP	11	MS, Environmental Engineering BS, Civil Engineering	<ul style="list-style-type: none"> • Key role on Dewberry's NJDEP Waterway Debris Removal Project Management contract • Coordinated public outreach and environmental review for Direct Connection project including residential demolitions (project scoping, design development, permitting, bidding, and construction administration) • Supervised pre-demolition activities to make way for NYC Transit's \$1.4-billion Fulton Transit Center opening in 2014
Mario Iannelli, PE	3	MS, Geo-Environmental Engineering BS, Civil Engineering	<ul style="list-style-type: none"> • Go-to resource for utility coordination, land use permitting and approvals, construction logistics • Demolition experience includes redevelopment projects in Pompton Lakes, Morristown, North Caldwell, Caldwell, Glen Ridge, and Montclair.
Corey Nachshen	7	MBA, Management MA, Environmental Management BS, Ceramic Engineering	<ul style="list-style-type: none"> • Supported NYC Office of Housing Recovery Operations with asbestos, lead, and hazardous waste services • Provided asbestos and lead services for home demolitions on Dewberry's NJDEP Waterway Debris Removal Project Management contract • Led pre-demolition services on Speedwell Redevelopment, Fulton Transit Center, Waterbury Industrial Commons Redevelopment, NJ Turnpike Interchange 8
Brett Peskin, PE	6	MS, Civil Engineering BS, Civil Engineering	<ul style="list-style-type: none"> • Supported NYC Office of Housing Recovery Operations Build It Back Program • Knowledge of FEMA reimbursement from Public Assistance in New York State in 2011 and 2012 • Conducted FEMA Substantial Damage Evaluations in Jersey Shore communities in 2013



New Jersey Department of Environmental Protection

Principal-in-Charge

Christopher Cirrotti PE, PP, CME, LEED AP BD+C

Program Management

Program Manager
Steven Eget PE

Deputy Program Manager
Peter Black PE, CME

Health & Safety Manager

Thomas Cumello PG

Quality Assurance Managers

Ileana Ivanciu PhD, PG

John Murphy CHMM

Work Order Managers

Steven Benosky PE

James Heeren PE, ENV SP

Mario Iannelli PE

Corey Nachshen

Brett Peskin PE

Key Personnel

Archaeology
Brock Giordano RPA
Scott Wieczorek RPA

Civil Engineering
(includes utilities, SESC, restoration)
Edward Farrell PE

Evan Hill PE, CME
Michael Ince PE, LEED AP
Rocco Marucci EIT
Daniel Rocha PE

Construction Inspection

James Bellew

Rebecca Cox PE

Clark Lassiter NICET III

Kenneth Lund-Pearson NICET III

Stephen Raymond

Cost Estimating

E. Maclay Gearhart CxP, CQCM

Clark Lassiter NICET III

Brett Peskin PE

Hazardous Materials / Buildings
(includes Asbestos, Lead)

Christopher Mullan

David Oliver CMI

Christopher Pierce

John Pilling

James Restaino

Benjamin Sallemi PhD

Site Remediation

Joseph Galley CHMM, LSRP

Marc Hudock LSRP

William Pendexter PhD, PG, LSRP

Lorraine Pennino

Charles Stebbins CPG, CHMM, LSRP

Reimbursement Compliance
(FEMA, HUD, others)

E. Maclay Gearhart CxP, CQCM

James Heeren PE, ENV SP

Paul Manno

Brett Peskin PE

Plans and Specifications

Steven Benosky PE

Daniel Rocha PE

Steven Roland PE

Public Outreach

Steven Eget PE, CEM

James Heeren PE, ENV SP

Support Personnel

Technical

Administrative

GZA GeoEnvironmental, Inc.

Potential Contractors

Geophysical Survey
Goldstar Environmental Services, Inc.
GeoSeek, LLC
Hager-Richter GeoScience, Inc.

Drillers
AWT Environmental Services, Inc.
Jersey Boring & Drilling Co.

Laboratories
AmeriSci New York
EMSL Analytical, Inc.
Cardno/ATC
ESS Laboratory



Table 3: Key Personnel At-a-Glance

Name	Company	Years of Experience	Degree	Role
James Bellew	GZA	8	MS, Geological Sciences BS, Geology	Construction Inspection
Rebecca Cox, PE	GZA	12	MS, Civil and Environmental Engineering BS, Civil and Environmental Engineering	Construction Inspection
Edward Farrell, PE	Dewberry	15	BS, Civil Engineering	Civil Engineering
Joseph Galley, CHMM, LSRP	GZA	37	BS, Environmental Science	Site Remediation
E. MacIay Gearhart, CxP, CQCM	Dewberry	26	BS, Mechanical Engineering	Cost Estimating/Reimbursement Compliance
Brock Giordano, RPA	Dewberry	12	MA, Anthropology BA, American Studies	Archaeology
Evan Hill, PE, CME	Dewberry	18	BS, Civil Engineering	Civil Engineering
Marc Hudock, LSRP	GZA	19	BS, Geo-Environmental Science	Site Remediation
Michael Ince, PE, LEED AP	Dewberry	14	BS, Civil Engineering	Civil Engineering
Clark Lassiter, NICET III	Dewberry	35	BA, Business Administration	Construction Inspection/Cost Estimating
Kenneth Lund-Pearson, NICET III	Dewberry	44		Construction Inspection
Paul Manno	Dewberry	21	BS, Environmental Science	Reimbursement Compliance
Rocco Marucci, EIT	Dewberry	9	BS, Civil Engineering	Civil Engineering
David Oliver, CMI	GZA	36	BS, Occupational Health & Safety AS, Mechanical Design Engineer	Hazardous Materials/Buildings



Table 3: Key Personnel At-a-Glance

Name	Company	Years of Experience	Degree	Role
William Pendexter, PhD, PG, LSRP	Dewberry	34	PhD, Hydrogeology MS, Geology BA, Earth Sciences	Site Remediation
Lorraine Pennino	Dewberry	25	BS, Environmental Engineering	Site Remediation
Christopher Pierce	GZA	28	BA, Environmental Studies	Hazardous Materials/Buildings
John Pilling	GZA	32	BS, Geology	Hazardous Materials/Buildings
Stephen Raymond	GZA	9	BS, Civil Engineering	Construction Inspection
James Restaino	GZA	24		Hazardous Materials/Buildings
Daniel Rocha, PE	Dewberry	6	BS, Civil Engineering	Civil Engineering
Steven Roland, PE	GZA	36	BS, Civil Engineering	GZA Team Manager/Plans and Specifications
Christopher Mullan	Dewberry	4	BS, Environmental Studies	Hazardous Materials/Buildings
Benjamin Sallemi, PhD	Dewberry	25	PhD, Earth & Environmental Science MS, Earth & Environmental Science BS, Environmental Geology	Hazardous Materials/Buildings
Charles Stebbins, CPG, CHMM, LSRP	Dewberry	21	MS, Construction Management Engineering BA, Geology	Site Remediation
Scott Wieczorek, RPA	Dewberry	14	MA, History BA, Anthropology	Archaeology



Capability to Support Existing Obligations While Undertaking the Work

We are well positioned to respond with the necessary resources to complete the multiple concurrent tasks anticipated under this contract. We offer the NJDEP deep resources in offices throughout the state of New Jersey:

- 236 Dewberry personnel in Bloomfield, Parsippany, and Mount Laurel offices (1,800 nationwide)
- 40 GZA personnel in Fairfield and Hammonton offices (525 nationwide)

Many firms may claim that they have adequate staffing available to perform the work required. However, just having lots of bodies is not enough; it is critical to have knowledgeable and experienced staff available to accomplish the work accurately and efficiently in the required time. We offer the right combination of project managers, civil engineers, and environmental professionals bringing experience with project scoping, design development, permitting, bidding, and construction administration. We offer:

- 107 Professional Engineers Licensed in New Jersey
- 76 environmental personnel based in New Jersey (including LSRPs, engineers, geologists, archaeologists, hazardous materials specialists)

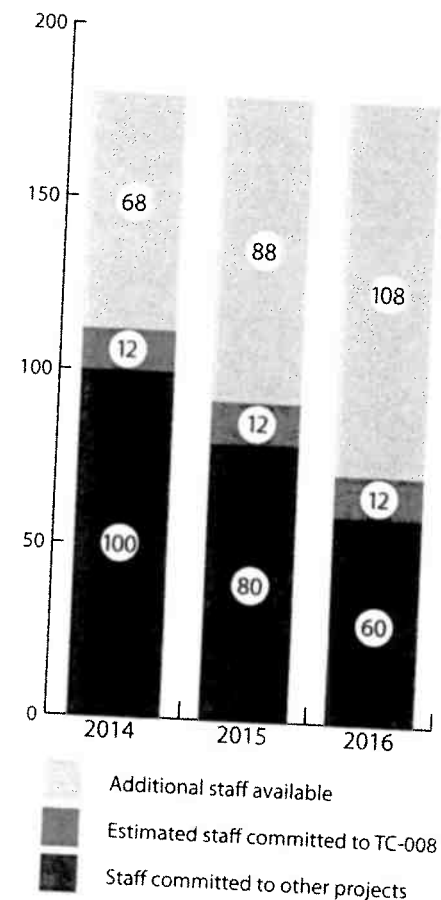
Table 4 identifies a pool of 180 Dewberry and GZA personnel qualified to staff this contract.

Since the number and size of the work orders to be issued under TC-008 is unknown at this time, we have estimated that the contract will need 12 full-time personnel. The workload analysis chart in Figure 1 demonstrates that of the qualified staff identified for this contract, we have the resources available to dedicate 12 full-time personnel to the contract, and can accommodate additional capacity if needed.

Table 4: Qualified Personnel

Discipline	Qualified Staff
Engineers	65
Environmental Specialists (including geologists, scientists, archaeologists)	50
Hazardous materials specialists (asbestos, lead, building materials)	20
LSRPs	8
Construction Managers	26
Reimbursement Specialists	11
TOTAL	180

Figure 1: Workload Analysis Chart



Management Approach

Dewberry specializes in Work Order-type contracts with a special emphasis on providing these services to state agencies similar to NJDEP and DPMC. For more than 50 years, we have developed and refined contract management processes and support systems to optimize work order delivery. We understand the requirements of "on-call" projects—fast turnaround, strong project management, good communication, and the ability to provide effective solutions on concurrent, multi-discipline work orders on time and within budget.

Dewberry is currently working on Term Contract TC-007 for Floodplain Study Mapping Services. Similar to contract TC-008, the Floodplain Mapping Term Contract largely goes through NJDEP with DPMC as the contracting agent. TC-008 will require strong interaction with both agencies as initial planning services will primarily be coordinated with NJDEP while bid documents, code compliance, and permits will be facilitated through DPMC. We believe the key to successful execution of Work Orders lies in the following basic, but critical, processes:

Planning

When the NJDEP/DPMC contacts us regarding a new Work Order, Dewberry's Program Manager will assign a Work Order Manager to prepare a proposal using the DPMC Work Order form including the scope of work, fee breakdown, deliverables, and due date, and, as requested, qualifications. The Work Order Manager will negotiate with NJDEP/DPMC and gain Notice to Proceed. During the planning process, we establish tracking procedures for performance of milestones, budget controls, and quality review.

Management Coordination

Communication is paramount. We will maintain constant contact with NJDEP/DPMC as these Work Orders require quick turnaround and coordination with the NJDEP and DPMC Project Managers and the DPMC Code Review group. In consultation with NJDEP's Contracting Officer/Project Manager, Dewberry's Program Manager will attend regular coordination meetings in Trenton or where convenient to the client. Our Program Manager will provide electronic weekly and monthly status reports for all Work Orders, pursuant to the reporting requirements defined by NJDEP. Status reports will summarize the status of all Work Orders/properties, percent complete, and anticipated issues that require resolution. In addition, we will maintain close communication with NJDEP's management staff via phone calls and e-mail correspondence during the entire life of each Work Order to verify that we are meeting expectations.

Cost Account Management

Dewberry's internal accounting system, EnterpriseOne from JD Edwards, produces a series of financial reports for use by our management team to monitor Work Order costs. Labor, equipment, and other direct charges are reported dynamically. Thus, Work Order Managers have immediate access to a detailed account of all charges incurred on a task at any given time, as do the Program Manager and Deputy Program Manager. Invoices will be submitted monthly on DPMC Invoice Form (DPMC-11) and will address monthly progress according to state and federal requirements.

Project Scheduling

We developed a detailed 90-day schedule for a Work Order with a standard home demolition or batch of

home demolitions (see section 4). For those Work Orders with schedule deviations (potential deviations could stem from permitting, unanticipated discoveries, community relations issues, archaeological finds, or other issues), our Work Order Manager will amend the schedule to define milestones and gain approval from the NJDEP Project Manager. Standard or amended schedules will be furnished with each Work Order and will be updated as the work progresses through the planning, code review, permitting, bidding, demolition, and close-out phases.

Communications and Computer Capability

Financial reports, correspondence, and technical reports are easily produced, exchanged, and retrieved using Dewberry's robust IT systems. Staff members in the office and in the field are linked electronically, including our subconsultants. We will work with NJDEP/DPMC to adopt the agreed upon methods for sharing information electronically. Additionally, we will strive to use a paperless approach to optimize efficiency and support quality assurance and an expedited workflow. We will use electronic technology (e.g., tablets and digital photographs) for data collection on preliminary surveys and site investigations, to inform the subsequent phases of work.

Subcontract Management

Dewberry accepts the accountability and responsibility for all work performed under TC-008. Subconsultants always report to the Work Order Manager and the Dewberry Program Manager/Deputy Program Manager will be the point of contact for all contract work. As with Dewberry generated costs, the Program/Work Order Manager manages subconsultant cost reports. Variances are analyzed and, where needed, corrective

action is taken to get the project back on time and within budget. Dewberry expects the same level of attention to safety and quality from our subconsultants as required of our own employees. Our Quality Assurance Managers and Health & Safety Manager provide oversight for each Work Order. Based on our established relationship with GZA, we are confident they maintain the same focus on quality and safety, and will be a contributing asset to this project.

Project Management System

Our Project Management System tracks costs and schedules to identify variances early in the process. When variances in cost or schedule occur, the Work Order Manager will work with the Program Manager/Deputy Program Manager and NJDEP/DPMC to prepare plans to bring the Work Order back on schedule and budget while maintaining quality. In instances where the variance is anticipated through a change of scope approved by the NJDEP/DPMC, we prepare revised schedules and budgets. In addition, when unexpected situations indicate a potential impact, we strive to manage the change so that there is little or zero negative impact on schedule or budget. The Program Management team and Work Order Manager notifies the NJDEP/DPMC immediately when it is determined that an impact may occur. We do not proceed with out of scope items before a modification or a Notice-to-Proceed is issued.

Quality Assurance

Dewberry's Quality Management System (QMS) has been developed to improve productivity, minimize cost, and provide that our clients are satisfied with the final product. We have built our practice on Work Order-type contracts, and our QMS is tailored

to address the demands of multiple, concurrent, multi-discipline work orders.

The designated Quality Assurance (QA) Managers will be responsible for overseeing Dewberry's QA Program. For each assignment, the Work Order Manager will prepare a project-specific Quality Assurance Plan (QAP), in accordance with our Quality Management System (QMS) procedures. The QAP is then reviewed by the QA Manager. Upon approval of the QAP, it is issued to everyone assigned to the Work Order including subconsultants. All of our subconsultants must also abide by this Plan. Quality control is the responsibility of each member of the project team.

Ileana Ivanciu of Dewberry and John Murphy of GZA are our proposed QA Managers for this contract. Ileana brings more than 25 years of experience in managing and implementing the Quality Program on state and quasi-state contracts including contracts for NJDEP, NJDOT, NJ Schools Development Authority, the NJ Turnpike Authority, and NJ TRANSIT. John has performed project audits and overall quality assurance on many of GZA's demolition assignments over 25 years, including the PQ Corporation Demolition and the Salvation Army Kroc Center, both profiled as Project Histories in this proposal.

Health & Safety (H&S) Program

The purpose of the Dewberry H&S Program is to provide a practical guide for managing the health and safety aspects of all projects and operations conducted by Dewberry. A copy of Dewberry's H&S Program is available upon request.

This document provides the framework for how safety functions within the overall management at Dewberry and provides information and assistance so that employees can complete their job tasks in a safe manner. Dewberry is committed to providing a safe working environment for its employees. All employees are expected to observe the safety procedures and practices in this program.

The Dewberry H&S Program documents a framework for managing health and safety throughout the company. It identifies the roles and responsibilities of all levels of employees, specifies how to conduct hazard assessments and controls, identifies appropriate safety training for employees, and outlines a Medical Surveillance Program for appropriate employees. Our H&S Manager, Tom Cumello, will develop a Contract H&S Plan specifically for TC-008. All Dewberry personnel and subconsultants will be briefed on the Plan and bound to it.

Our H&S Manager will also develop either a Site Specific Health & Safety Checklist or a Site Specific Health & Safety Plan (HASP) for each Work Order.

FOCUSED ON HEALTH & SAFETY

The H&S Plans for this contract will include best practices developed from our long roster of housing inspection and mitigation contracts. Specific elements include notifying local police of field activities, carrying two-way radios, working under the buddy system when applicable, and heightened awareness of other individuals in the vicinity of field activities given the sensitive nature of these projects.

One of these documents must be completed before the start up of any field activities to identify potential hazards and implement appropriate controls. For some Work Orders, a generic H&S Checklist may be used for standard situations. The H&S Checklist or HASP will outline the controls to be used, the Standard Operating Procedures to be followed, and the training that personnel should have prior to being assigned to the Work Order. These documents will also provide emergency information and a method for communication of hazards to employees completing the Work Order.

Tom Cumello will serve as H&S Manager on this contract. An engineer, geologist, and AHERA-certified professional, Tom brings more than 20 years of experience in the civil and environmental field in New Jersey. Since Superstorm Sandy, he has had the opportunity to work on four separate contracts that brought him and Dewberry professionals into residential neighborhoods; Tom will incorporate best practices developed on those contracts into the H&S Plans for TC-008.

Project Key Personnel List

Table 5: Project Key Personnel List depicting anticipated percentage of time assigned to each phase of this project

FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT							
		DESIGN DEVELOPMENT PHASE	FINAL DESIGN PHASE	PERMIT APPLICATION PHASE	BIDDING & AWARD PHASE	CONSTRUCTION		CLOSE OUT PHASE	HOURLY WAGE LEVEL 1-7
						OFFICE	FIELD		
Dewberry	Christopher Cirrotti, PE, PP, CME, LEED AP BD+C Principal-in-Charge	1	1	1	1	1		1	Level 7
Dewberry	Steven Eget, PE Program Manager/Outreach	15	15	10	5	5	5	2	Level 6
Dewberry	Peter Black, PE, CME Deputy Program Manager	15	15	10	5	5	5	5	Level 6
GZA	Steven Roland, PE GZA Team Manager/Plans and Specifications	10	10	10	5	5	5	2	Level 6
Dewberry	Ileana S. Ivanciu, PhD, PG Quality Assurance Manager	5	5	5	2	5	5	2	Level 6
GZA	John Murphy, CHMM Quality Assurance Manager	5	5	5	2	5	5	2	Level 7
Dewberry	Thomas Cumello, PG Health & Safety Manager	2	2	2	2	2	2		Level 4
Dewberry	Steven Benosky, PE Work Order Manager	20	20	10	10	10		2	Level 5
Dewberry	James Heeren, PE Work Order Manager/Reimbursement Compliance/Outreach	20	20	10	10	10		2	Level 5
Dewberry	Mario Iannelli, PE Work Order Manager	20	20	10	10	10		2	Level 6
Dewberry	Corey Nachshen Work Order Manager	20	20	10	10	10		2	Level 5
Dewberry	Brett Peskin, PE Work Order Manager/Cost Estimating/Reimbursement Support	20	20	10	10	10		2	Level 4
Dewberry	Brock Giordano, RPA Archaeology	5	5	5			5		Level 4

Table 5: Project Key Personnel List depicting anticipated percentage of time assigned to each phase of this project

FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT							
		DESIGN DEVELOPMENT PHASE	FINAL DESIGN PHASE	PERMIT APPLICATION PHASE	BIDDING & AWARD PHASE	CONSTRUCTION		CLOSE OUT PHASE	HOURLY WAGE LEVEL 1-7
						OFFICE	FIELD		
Dewberry	Scott Wleczorek, RPA Archaeology	5	5	5			5		Level 4
Dewberry	Edward Farrell, PE Civil Engineering	50	50	30	10	20	10	5	Level 4
Dewberry	Evan Hill, PE, CME Civil Engineering	50	50	30	10	20	10	5	Level 4
Dewberry	Michael Ince, PE, LEED AP Civil Engineering	50	50	30	10	20	10	5	Level 4
Dewberry	Rocco Marucci, EIT Civil Engineering	50	50	30	10	20	10	5	Level 4
Dewberry	Daniel Rocha, PE Civil Engineering/Plans and Specifications	50	50	30	10	20	10	5	Level 4
GZA	James Bellow Construction Inspection		5				40	20	Level 4
GZA	Rebecca Cox, PE Construction Inspection		5				40	20	Level 4
Dewberry	Clark Lassiter, NICET III Construction Inspection/Reimbursement Support		10				40	20	Level 4
Dewberry	Kenneth Lund-Pearson, NICET III Construction Inspection		5				40	20	Level 4
GZA	Stephen Raymond Construction Inspection		10				40	20	Level 4
Dewberry	E. Maclay (Clay) Gearheart, CxP, CQCM Cost Estimating/Reimbursement Support		15			30			Level 5
Dewberry	Christopher Mullan Hazardous Materials/Buildings	10	10	10		10	10		Level 4

Table 5: Project Key Personnel List depicting anticipated percentage of time assigned to each phase of this project

FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT							
		DESIGN DEVELOPMENT PHASE	FINAL DESIGN PHASE	PERMIT APPLICATION PHASE	BIDDING & AWARD PHASE	CONSTRUCTION		CLOSE OUT PHASE	HOURLY WAGE LEVEL 1-7
						OFFICE	FIELD		
GZA	David Oliver, CMI Hazardous Materials/Buildings	10	10	10		10	10		Level 5
GZA	Christopher Pierce Hazardous Materials/Buildings	10	10	10		10	10		Level 4
GZA	John Pilling Hazardous Materials/Buildings	10	10	10		10	10		Level 6
GZA	James Restaino Hazardous Materials/Buildings	10	10	10		10	10		Level 4
GZA	Benjamin Sallemi, PhD Hazardous Materials/Buildings	10	10	10		10	10		Level 6
GZA	Joseph Galley, CHMM, LSRP Site Remediation	5				5	5	2	Level 5
GZA	Marc Hudock, LSRP Site Remediation	5				5	5	2	Level 5
Dewberry	William Pendexter, PhD, PG, LSRP Site Remediation	5				5	5	2	Level 5
Dewberry	Lorraine Pennino Site Remediation	5				5	5	2	Level 4
Dewberry	Charles Stebbins, CPG, CHMM, LSRP Site Remediation	5				5	5	2	Level 6
Dewberry	Paul Manno Reimbursement Compliance		5			10			Level 6



Steven Eget PE
Program Manager

EXPERIENCE HIGHLIGHTS

Has managed work order contracts with hundreds of civil engineering, asbestos/lead, and site remediation tasks to date

Post-Sandy federal (FEMA and HUD) reimbursement experience

Seasoned manager of demolition activities

EDUCATION

ME, Environmental Engineering,
Stevens Institute of Technology, 2004

BS, Civil and Environmental
Engineering, Rutgers University, 1999

REGISTRATIONS

Professional Engineer: NJ, NY

Certified Energy Manager: US

Certified ISO 14001 Internal Auditor

Hazardous Waste Health & Safety
Training, 40-Hour, OSHA; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 2

Prior: 19

Steve manages large engineering and environmental services contracts covering site/civil engineering, asbestos/lead content assignments, and site investigation/remediation. His work involves managing contracts with multiple, concurrent task orders and their associated personnel resources, subcontracting, budgets, schedules, health & safety, quality assurance, and troubleshooting. He has managed hundreds of tasks to date under work order contracts for agencies including NJ TRANSIT, NYC Department of Design and Construction, NYC School Construction Authority, NYC Department of Environmental Protection, NYC Transit, and the Federal Bureau of Prisons, among others. He has supported disaster recovery and hazard mitigation initiatives since the terrorist attacks of September 11, 2001, and including federally funded Post-Sandy clean up and resiliency efforts.

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey. Senior Environmental Engineer responsible for hazardous

waste services in support of Dewberry's contract to plan and manage a program to monitor debris removal from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition of coastal residences.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Task Manager for 3-year, \$5-million contract covering a broad range of services including environmental services including preliminary assessment/due diligence, underground storage tank-related soil and groundwater site assessments, remediation services, cultural resources services, and air quality services, for properties

including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition. More than 45 tasks have been awarded to date.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Environmental Engineer

for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD Community Development Block Grant-Disaster Recovery (CDBG-DR) funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Environmental Requirements Contract, NYC Department of Design + Construction, Various Locations, New York, NY. Program Manager for a three-year, \$2.5-million contract involving environmental services for design/construction projects. Tasks included Environmental Site Assessments, remedial investigations and sampling, wetlands identification, asbestos/lead/hazardous materials survey and abatement design.

Environmental Services On-Call Contract, New York, NY, MTA Capital Construction, Program Manager for a three-year, \$3-million environmental services on-call contract. Scope of services included: Environmental Site Assessments and Investigations (Phase I/II), environmental construction management, and compliance and permitting assignments.

Demolition Support Services, Federal Bureau of Prisons (FBOP), US Penitentiary Canaan, PA. Project Manager for the acquisition of ten homes including pre-demolition survey for asbestos, lead-based paint, USTs, wells, and other hazards; developed remediation cost estimates; supported client through abatement; UST removals and well closures.

Comprehensive Environmental and Construction Support Services, NYC School Construction Authority, Various Locations, New York, NY. Program Director. Directed A/E and environmental services for site selection, construction, and renovation of public schools throughout NYC. Included Phase I/II Environmental Site Assessments, asbestos inspections, underground storage tanks, remedial investigation and sampling, remedial alternative assessments and conceptual designs (Phase III), groundwater monitoring programs, and indoor air quality evaluations.

Asbestos and Lead Abatement Projects, MTA Bridges and Tunnels (aka TBTA), Various Locations, New York, NY. Program Director providing management oversight for this environmental consultant contract supporting TBTA in a wide variety of technical areas including but not limited to: asbestos survey and design for asbestos abatement; and project monitoring of asbestos abatement and lead-based paint removal services at facilities throughout New York City.

Asbestos and Lead Services Call-In Contract, Port Authority of NY/NJ, New York and New Jersey. Senior Environmental Engineer. As call-in contractor to the Authority's construction management group, provided technical oversight of in-house staff supporting various Port Authority construction projects.

Study to Assess Adaptation of Infrastructure to Climate Change, NJ TRANSIT, New Jersey, Project Manager.

As a subconsultant, Dewberry was involved in assessing potential risks of the projected impacts of climate change on vulnerable infrastructure. The project also involved developing cost-effective strategies for adaptation of at-risk infrastructure potentially subject to climate change including such issues as flooding, high tides, extreme cold, and extreme heat. Assessment activities will facilitate planning to maintain service and operations over the 5-, 10- and 20- year planning horizons.

Environmental Consultant On-Call Contract, MTA–New York City Transit (NYCT), Various Locations, New York, NY. Senior Environmental Engineer providing environmental compliance services for a five-year, \$10-million Indefinite Quantity Contract. Assisted in oversight and implementation of all environmental engineering projects including abatement management, Phase I/II Environmental Site Assessments, asbestos-containing materials inspections, remedial investigation and sampling, remedial alternative assessments and conceptual designs (Phase III); environmental construction management; and compliance and permitting assignments. Also served as Project Manager for comprehensive health risk assessments from lead-based paint removal operations. Provided oversight of asbestos and lead monitors at numerous monitoring projects throughout system. Served as lead engineer for development of abatement specifications for asbestos removal projects. Responsible for contractor oversight of adherence to OSHA standards and Health & Safety procedures.

Environmental On-Call Contract, Lower Manhattan Development Corporation, New York, NY. Team Leader. As part of the on-call contract to provide environmental services, developed a conceptual air monitoring plan and later reviewed the final air monitoring plan for the deconstruction of the 130 Liberty Street Building in Lower Manhattan following the terrorist attacks of September 11, 2001.



Peter Black PE, CME
Deputy Program Manager

EXPERIENCE HIGHLIGHTS

Project Manager for DPMC contracts

Has supported NJDEP on contracts, development of regulations, and permitting since 1975

Program Management experience includes managing large multi-disciplinary contracts for Port Authority of NY/NJ, NJDOT, Federal Express

EDUCATION

BSCE, Civil Engineering,
Rutgers University, 1975

REGISTRATIONS

Professional Engineer: NJ, NY
Certified Municipal Engineer: NJ

YEARS OF EXPERIENCE

Dewberry: 38

Peter joined Dewberry in 1975 and has been involved in many of the firm's New Jersey State contracts. He is responsible for contract negotiations, project control and budgeting, assigning and directing staff, client liaison, and responsibility for project design and scheduling. His project involvement includes site assessment, design, preparation of plans and specifications, permitting and approvals, construction administration, and community liaison. He brings significant experience with NJDEP permitting, particularly Flood Hazard Area permitting.

SELECTED EXPERIENCE

Floodplain Study Mapping Services, Term Contract TC-007, Statewide, NJ. Deputy Project Manager

Dewberry's contract to provide floodplain delineation, mapping and information management services to support development of Digital Flood Insurance Rate Map and Flood Insurance Study Reports, as part of NJDEP's partnership agreement with FEMA.

Civil Engineering Call-In Services, Port Authority of NY/ NJ, Various Locations, NY and NJ. Project Manager/

Civil Engineer for on-call tasks for since 1983. Tasks deal with repair, rehabilitation, and improvements at Port Authority facilities and sites. Services provided include: field survey, condition inspection, engineering and environmental studies/ investigations, report preparation, preliminary and final design, construction cost estimating, permitting (including Soil Erosion Sediment Control Certification), technical specifications, preparation of contract bid documents, construction scheduling, shop drawing review/approval, and construction support services.

Federal Express, On-Call Engineering Services, Newark Liberty International Airport, Newark, NJ. Project Manager for a three-year, on-call engineering services contract (with a one-year contract extension) for FedEx projects at Newark Liberty International Airport and the metropolitan area. The scope of the contract includes facility inspections, project scoping, preparation of construction documents, preparation of bidding documentation, pre-construction meetings, construction oversight, and close out documents to the Port Authority of NY/NJ. The projects are typically quick turnaround assignments and regularly involve building code approvals, asbestos certifications, and Soil Erosion and Sediment Control Certification permits, among others.

Drainage and Dam Studies Open End Contract, NJDOT, Statewide, NJ. Project Manager for a three-year statewide drainage/dam studies term agreement. The scope of work included identification/verification of the problem, collecting relevant background data, (site survey, flooding events etc.), mapping, developing cost estimates, support for a Community Involvement Program, performing alternative analyses, providing engineering for further studies, supporting documentation, and permitting. In addition, included final design and provide construction plans and services for minor drainage projects.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Quality Assurance Manager for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work includes concept plans, environmental services (asbestos, lead, hazardous materials,

Peter Black PE, CME
Deputy Program Manager

site remediation), topographic and boundary surveys, permitting, hydrology and hydraulic engineering, and site/civil/utility engineering. The design includes green infrastructure to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Civil Engineer for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project included NJDEP permits, Soil Erosion Control Certificate, and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

FEMA Reimbursement, Upper and Lower Aetna Dams, Borough of Medford Lakes, NJ, Project Manager. Provided support to the municipality in connection with FEMA reimbursement for replacement dams designed and

constructed following a FEMA-declared disaster. Also served as Project Manager for the hydraulic studies, feasibility analyses, preliminary and final designs, permitting, and construction phase services for the two roller compacted concrete (RCC) dams.

Dam Removal, Greystone Park Complex, New Jersey Department of Human Services, NJ. Quality Assurance Manager, as a subconsultant, for the analysis, design, and permitting of flood control measures at the Greystone Park Complex. Determined the Hazard Classification for the Upper Reservoir and design of permanent breach of the Lower Reservoir. The design for the Lower Reservoir involved eliminating the reservoir function and draining and maintaining it as a planted wetland basin, fed by both the natural creek flowing through the project site and stormwater collected from impervious surface on the campus. Natural erosion and sediment control measures were included as part of the design.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Project Manager for the design of a force main sewer and pump station at the New Jersey Training School for Boys. The pump station includes a comminutor chamber, submersible pumps, valve/meter chamber, and an odor control system. The force main is approximately 7,600 linear feet with stream crossings using jack and bore and horizontal directional drill methods. Services include surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies. Relevant permits included: NJDEP Flood Hazard Area, NJDEP Treatment Works Approval, Soil Erosion and Sediment Control Certification, and NJDEP Freshwater Wetlands.



Christopher Cirrotti PE, PP, CME, LEED AP BD+C
Principal-in-Charge

Chris Cirrotti provides executive-level oversight for engineering design and construction administration of public and institutional projects. He is responsible for verifying that Dewberry provides the necessary quality and responsiveness on contracts under his supervision; Chris has the authority to direct firm-wide resources to this contract. An accomplished manager, he has experience overseeing large multi-disciplinary teams and programs that require coordination with outside agencies and regulators. Technical experience includes feasibility studies, site planning, civil design, utility engineering, stormwater management, roadway and infrastructure design, permitting, low impact development, and construction management.

SELECTED EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Principal-in-Charge for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work includes site investigation, including Phase I Environmental Site Assessments for individual properties to be demolished, survey, concept plans, preliminary design, asbestos/lead/hazardous building material survey, final design (plans and specifications), site/civil engineering, utility engineering, permitting, soil and groundwater remediation, construction oversight, and community participation.

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Civil Team Lead for two task order contracts. For the Redshaw School in New Brunswick, led the civil team with site plan preparation, design and bid

specifications, bid phase support, construction oversight, and close-out documentation.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Civil Engineer for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project included NJDEP permits, Soil Erosion Control Certificate, and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

Virtua Hospital, Virtua, Voorhees, NJ, Principal-in-Charge for 125-acre development involving the demolition of 12 homes to make way for a 680,000-SF hospital and 315,500-SF ambulatory care center. Also involved regional sanitary sewer pump station, interceptor, and force mains; public water mains; State Highway improvements; campus roadways; parking areas; stormwater management facilities; passive recreation areas; preservation of wetlands; Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permit approvals.

Civil Engineering Call-In Services, Port Authority of NY/ NJ, Various Locations, NY and NJ. Principal-in-Charge for on-call tasks for since 2012. Tasks deal with repair, rehabilitation, and improvements at Port Authority facilities and sites. Services provided include: field survey, condition

EXPERIENCE HIGHLIGHTS

Executive oversight for large multi-disciplinary engineering contracts
Recognized expert in New Jersey site development including permitting, utilities, grading, and low impact stormwater measures

EDUCATION

BS, Civil Engineering,
Rutgers University, 1989

REGISTRATIONS

Professional Engineer: NJ, NY, PA
Professional Planner: NJ
Certified Municipal Engineer: NJ
LEED Accredited Professional
Hazardous Waste Operations & Emergency Response, 40-Hour, OSHA;
Annual Refreshers

YEARS OF EXPERIENCE

Dewberry: 13
Prior: 11

Christopher Cirrotti
PE, PP, CME, LEED AP BD+C
Principal-in-Charge

inspection, engineering and environmental studies/ investigations, report preparation, preliminary and final design, construction cost estimating, permitting (including Soil Erosion Sediment Control Certification), technical specifications, preparation of contract bid documents, construction scheduling, shop drawing review/approval, and construction support services.

Federal Express, On-Call Engineering Services Newark Liberty International Airport, Newark, NJ. Principal-in-Charge for a three-year, on-call engineering services contract for FedEx projects at Newark Liberty International Airport and the metropolitan area. The scope of the contract includes facility inspections, project scoping, preparation of construction documents, preparation of bidding documentation, pre-construction meetings, construction oversight, and close out documents to the Port Authority of NY/NJ. The projects are typically quick turnaround assignments and regularly involve building code approvals, asbestos certifications, and Soil Erosion and Sediment Control Certification permits, among others.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Principal-in-Charge for the design of a force main sewer and pump station at the New Jersey Training School for Boys. Services included surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies. Permits included: NJDEP Flood Hazard Area, NJDEP Treatment Works Approval, Soil

Erosion and Sediment Control Certification, and NJDEP Freshwater Wetlands.

Jersey Shore University Medical Center, Meridian Health, Neptune, NJ. Project Manager responsible for project performance for survey; site planning; site/civil, utility, traffic and geotechnical engineering; and environmental services from concept through occupancy. Involved design, permitting and construction of a phased, LEED Gold, \$300-million, 400,000-SF expansion including new loop road, access, and parking, as well as offsite State Highway improvements in the midst of an active regional trauma center. Required demolition of facilities, including one residence.

Community Medical Center Additions, Toms River, NJ. Project Manager for site/civil engineering services for the \$60M Emergency Department expansion. The project involved a 95,000-SF addition to the existing building, relocation of the emergency entrance, and a new parking deck. Services included a boundary and topographic survey, site layout, utility and drainage design, a traffic impact study, and an environmental impact report, as well as preparation of regulatory permit applications for local, county, and state permit approvals, including CAFRA and Freshwater Wetlands approvals, and preparation of construction documents.

Healthsouth Rehabilitation Hospital of Tinton Falls, Tinton Falls, NJ. Project Manager for a new 60-bed hospital located on a 6.4-acre site at GSP Exit 105. Included survey, site/civil design, utilities, traffic, environmental impact report, local, county, state regulatory approvals.



Steven Roland PE

GZA Team Manager/Plans and Specifications

Steve has over 30 years of experience in the environmental field. He has provided management services on over 200 hazardous waste/demolition projects with engineering fees totaling over \$100 million and total construction/remediation costs exceeding \$250 million. He plans, conducts, and supervises these projects of major significance and consistently seeks remedial alternatives which are protective of human health and the environment, are cost-effective, and utilize innovative, current technologies to the maximum extent practicable. Steve provides direction, coordination of work efforts, and executive supervision to multi-disciplinary project teams which may include civil, chemical, and environmental engineers; hydrogeologists; industrial hygienists; toxicologists; and chemists. He demonstrates technical, budgeting, and scheduling expertise, and is responsible for final review of project deliverables.

SELECTED EXPERIENCE

Multiple Clients, Closure of Industrial Facilities, Multiple Sites. Project Director. Directed more than 10 site deactivation/decommissioning programs for closure of industrial facilities. Typical services included deactivation audit/plan, asbestos survey/removal plan, evaluation of salvageable equipment, utility survey, technical specifications for demolition, utility reduction, decontamination, and site restoration. Additionally, a regulatory compliance survey was conducted both during and after deactivation to eliminate unnecessary permits and formulate new compliance strategy. Representative deactivation projects include:

- **Resin Manufacturer:** three facilities totaling over 60 buildings; demolition of 15 buildings, decontamination of 30 buildings, asbestos removal, PCB decontamination of

product drums, and PCB transformer removal. Deactivation costs: \$20 million.

- **Senior Consultant, PQ Corporation, ISRA, Rahway, NJ.** Provided engineering services for a specialty inorganic performance chemicals manufacturer. Completed Soil Erosion Control Plan, Stormwater Pollution Prevention Plan (SPPP) and developed final site restoration plan. Other services at the site included development and review of demolition specifications for the former manufacturing complex including 12 buildings. Specifications included removal of ACM, lead paint and PCB based paint.
- **Executive Officer, Confidential Automotive Manufacturer, Multiple Sites, Nationwide.** Supervised implementation of facility demolition and facility retrofit for new product lines at eight manufacturing facilities located throughout the eastern half of the country. Projects included pre-demolition assessments, permit compliance, demolition specifications, and construction oversight of demolition activities. Four types of facilities were included in the program: assembly facilities, automotive complexes, limited component assembly facilities, and involved component assembly facilities.
- **Program Director, American Cyanamid Superfund Site, Bound Brook, NJ.** Pre-demolition decontamination of Advanced Wastewater Treatment facility prior to planned demolition. Facility included 14 large-diameter steel tanks formerly used for carbon treatment and carbon regeneration. Project included segregation and removal of hazardous residual carbon for proper disposal. Services included technical specifications and contractor administration and oversight.

EXPERIENCE HIGHLIGHTS

Has managed demolition and construction management for large facility closure plans

Provides hazardous materials inspection services oversight

EDUCATION

BS, Civil Engineering,
Union College, 1978

REGISTRATIONS

Professional Engineer: NJ,
NY, PA, CT, NC, FL, IL, MI

YEARS OF EXPERIENCE

GZA: 1

Prior: 35

Steven Roland PE

GZA Team Manager/Plans and Specifications

- **Project Officer, Chemical Manufacturing Facility, Decontamination/Demolition, Elizabeth, NJ.**
Decontamination and demolition of a chemical manufacturing facility, including the removal of USTs and ACM, and decontamination and demolition of a 80,000-square-foot manufacturing area located on a 27-acre site. Services included specification development, bid services, and contractor administration and oversight.
- **Project Officer, BASF, Facility Closure, Hawthorne, NJ.**
This \$6-million project included demolition of three buildings totaling over 75,000 square feet, decontamination of six buildings for reuse, asbestos removal, and PCB transformer removal. Services included pre-demolition assessment and investigations, technical specifications, bid services, permitting, construction oversight, and environmental assessment and remediation.
- **Project Officer, US Army Corps of Engineers, New York District, Picatinny Arsenal, Dover, NJ.**
Conducted asbestos survey, sampling, laboratory analysis, and Management Plan development for 250 buildings, residential homes and manufacturing facilities encompassing over 2-million square feet of building area.

CERCLA Site Remediation Design, Multiple Clients, Statewide, NJ. Officer-in-Charge. The remedial design of four CERCLA sites with total remediation costs exceeding \$70-million. Remedial designs included development of technical specifications, bid services and construction oversight for:

- RCRA cap of a 65-acre landfill, including active gas collection system, ground water recovery, and 100,000 GPD wastewater treatment facility;
- fuel blending facility for the conveyance, heating and blending of 6-million gallons of waste coal tar sludges for offsite recycling;

- excavation of 3,000 cubic yards of VOC and metals-contaminated soils, including treatment by onsite low temperature thermal treatment, soils stabilization, building demolition, underground storage tank removal, and excavation design;
- soil excavation program to remove approximately 2,000 cubic yards of VOC and metals-contaminated soils for onsite low temperature thermal treatment, ground water dewatering and treatment system, and roadway replacement design;
- Remediation of six hazardous waste impounds varying in size from 0.5 acres to 2 acres in size containing production residual wastes with remediation consisting of excavation, solidification and controlled placement in a RCRA landfill; and
- Plan development in support of these remedial programs has included. Remedial designs also included permit application preparation, including wetlands, stream encroachment, air emission and control devices, landfill disruption, ground water diversion, NJPDES treatment works approval, quality assurance project plan, permitting, health and safety plan, design analysis report, field sampling and testing plan, and site monitoring plan.

Confidential Client, Pompton Lakes, NJ. Lead Professional Engineer and Engineer-of-Record for the investigation, design, installation, and commissioning of sub-slab depressurization systems (SSDS) for over 200 residential homes for vapor intrusion. Investigative results were used to define the basis of design reflected in design drawings/technical specifications submitted for regulatory approval and permits. Following installation, the SSDS were commissioned to confirm proper performance and conformance with the design. Installation and commissioning results were then used for developing PE signed and sealed record drawings.



Ileana Ivanciu PhD, PG
Quality Assurance Manager

EXPERIENCE HIGHLIGHTS

Chairs the American Council of Engineering Companies (ACEC) New Jersey Chapter NJDEP Liaison Committee

Proven ability to deliver quality services on disaster response/mitigation projects for NJDEP, NJDOT, and FEMA

Overseen demolition ranging from homes in the NJDEP Waterway Debris Removal Program to preparation for the \$1.4-billion Fulton Transit Center in Lower Manhattan

EDUCATION

PhD, Geology,
University of Bucharest, 2012

MS, Geology and Geophysics,
University of Bucharest, 1981

BS, Geology and Geophysics,
University of Bucharest, 1980

REGISTRATIONS

Professional Geologist: TN

Hazardous Waste Health & Safety
Training, 40-Hour, OSHA; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 13

Prior: 19

Ileana brings more than 25 years of experience in managing the Quality Program on contracts for the State of New Jersey, as well as other public agency clients. She has been responsible for implementing Dewberry's Quality Assurance Program on contracts since 2000. As Chair of the American Council of Engineering Companies New Jersey Chapter NJDEP Liaison Committee, she has extensive knowledge of local regulations. She is recognized for her proactive skill in advancing critical projects through regulatory review, while considering the environment.

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey.

Principal-in-Charge responsible for Dewberry's performance on this contract to support NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition of coastal residences.

FEMA Reimbursement for State Channel Waterway Debris Removal, NJDOT, Statewide, NJ. Principal-in-Charge

for two tasks (Core Sampling and Preparation of Channel Site Sheets) supporting NJDOT with documentation and compliance activities in connection with the removal of Superstorm Sandy debris/sediment from state channels.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Environmental Principal responsible for the teams conducting environmental review (including floodplain and archaeology), asbestos/

lead services, and hazardous waste services for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review for residential applications for HUD Community Development Block Grant-Disaster Recovery (CDBG-DR) funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Environmental Assessment Field Contractor for Superstorm Sandy CDBG-DR, NJDEP, New Jersey.

Principal-in-Charge for National Environmental Policy Act (NEPA) Environmental Assessments in support of CDBG-DR projects funded by HUD.

Debris Disposal Oversight, NJDOT, New Jersey.

Principal-in-Charge of Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris were transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

Environmental Engineering Task Order Contract, MTA-NYC-Transit, New York, NY. Principal-in-Charge of a

5-year, \$10-million term contract. More than 20 tasks were completed including Phase I Environmental Site Assessments; archaeological monitoring during construction; and asbestos, lead-based paint, and hazardous materials services on more than 125 sites. To make way for the Fulton Transit Center (\$1.4-billion project opening 2014), Dewberry was responsible

Ileana Ivanciu PhD, PG
Quality Assurance Manager

for asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Direct Connection Interchange, NJDOT, Camden County, NJ. Deputy Project Manager for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation, and site remediation. Conceived and oversaw a streamlining process to advance this project that faced significant hurdles including potential impacts to natural and cultural resources, and the community. Oversaw regulatory liaison and permitting with resource agencies including NJDEP, USACE, EPA, US Coast Guard, and US Fish & Wildlife Service.

Waterbury Industrial Commons Redevelopment, Waterbury, CT. Quality Assurance Manager for this project that involved redeveloping a 28-acre World War II-era metals processing plant. Scope included lead-based paint and asbestos survey and a site investigation of subsurface soil and groundwater quality. Dewberry provided a cost-benefit analysis for abating lead paint on the structural steel and recycling the beams; pre-demolition abatement activities were specified to allow for the recycling of the structural steel throughout the facility. We developed soil and groundwater remedial action plans and cost estimates to support redevelopment.

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Principal-in-Charge/Quality Assurance Manager of two task order contracts. Civil and environmental tasks involve site due diligence, site investigations, asbestos/lead/hazardous materials, permit

coordination and approvals, site remediation and restoration, design and bid specifications, bid phase support, construction oversight, and close-out documentation.

Hazardous Waste Open-End Agreements, NJDOT, Statewide, NJ. Project Manager for multiple 3-year, \$3-million agreements to provide hazardous waste investigation services in connection with properties proposed for acquisition, as part of facility construction and improvement programs, intersection upgrading, or highway construction projects. Included underground storage tank-related soil and groundwater site assessments, preliminary assessments and site investigations, remedial investigations, remedial alternative analyses, remedial cost estimates, permitting, property acquisition support, and construction oversight and hazardous waste management.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Project Manager for three consecutive 3-year, \$5 million contracts. Responsible for underground storage tank-related soil and groundwater site assessments, preliminary assessments and site investigations, remedial site investigation, remedial design, remedial actions, and geotechnical engineering for facilities including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition. More than 45 tasks have been awarded to date.

Environmental Assessments, Hazard Mitigation Grant Program, FEMA, Multiple Locations, US. Quality Assurance Manager for NEPA Environmental Assessments for flood control improvement projects in Arkansas, Michigan, and New York. Addressed floodplain location, wetlands, hazardous waste, archaeological and historic resources, and threatened and endangered species, truncated schedule and limited budget.





John Murphy CHMM Quality Assurance Manager

John is responsible for overall project management of remedial design, demolition and construction projects throughout the United States. He has extensive experience in construction management, cost estimating and design in the environmental, building and heavy construction industries, including facility closures, hazardous materials, asbestos, lead, mold, and, storage tanks. John is also the Risk Manager for GZA, performing project audits for overall quality control. Additionally, he specializes in groundwater and soil treatment system design, installation and maintenance.

EXPERIENCE HIGHLIGHTS

Demolition and construction management experience

EDUCATION

BS, Mechanical Engineering Technology, Wentworth Institute of Technology, 1988

AS, Mechanical Design Engineering, Wentworth Institute of Technology, 1986

REGISTRATIONS

Certified Hazardous Materials Manager

Engineering-in-Training: NH

International Code Council, UST Decommissioning Certified

International Code Council, UST Installation/Retrofit Certified

YEARS OF EXPERIENCE

GZA: 26

Prior: 11

SELECTED EXPERIENCE

Plant Demolition, PQ Corporation, Rahway, NJ. Principal-in-Charge providing project oversight of hazardous materials consulting and construction management for demolition of 12 industrial structures on an accelerated schedule.

Demolition of the Kroc Community Center, The Salvation Army, Dorchester, MA. Principal-in-Charge responsible for design and demolition activities associated with the complete demolition and removal of existing 21,000-square-foot and 9,500-square-foot industrial buildings and six, multi family, apartment buildings comprising two city blocks. Work included removal and characterization of hazardous materials remaining in the buildings, removal of asbestos containing materials, and demolition and processing of all buildings including removal of foundations and footings. Following demolition former, basement and foundation areas were backfilled with imported fill, graded, and compacted. Work also included excavation, removal and disposal of three underground solvent and gasoline tanks, and one No. 6 oil tank located in a below grade vault. Contaminated soil associated with releases from the tanks was excavated and disposed of off-site. Approximately

180 tons of lead impacted soil was also excavated and disposed of offsite.

Building Demolition and Renovation at the Former Dorr Woolen Mill Complex, Sturm, Ruger & Co., Newport, NH. Principal-in-Charge responsible for environmental permitting, design, local plan approval and demolition activities associated with the complete demolition and removal of 250,000 square feet of this 300,000 square foot complex. Approximately 50,000 square feet of the facility was separated from the demolished portion of the facility and renovated for re occupancy by the current owner. The work was performed on a firm fixed price basis with an accelerated schedule.

Work involved performing a demolition level asbestos and hazardous materials survey; development of a demolition design plan to address utility capping and rerouting; abatement and demolition phasing, and, renovation coordination activities to facilitate relocation of existing onsite personnel from the buildings being demolished to the newly renovated space. GZA presented its demolition and renovation plans to the Newport Planning board and secured all local approvals for the project. In addition, GZA secured wetland, shoreland protection, alteration of terrain, and construction stormwater permits. Work included removal and characterization of hazardous materials remaining in the buildings, removal of asbestos containing materials, and demolition and processing of all building materials. GZA performed inventory and management of salvageable materials within buildings.

Following demolition, the former basement and foundation areas were backfilled with recycled crushed brick and concrete from the buildings as well as imported fill, then graded, and

compacted. All disturbed areas were graded, loamed, and seeded. Work also included closure of an existing raceway below the facility which was previously used to convey water from the adjacent Sugar River through the facility for process operations.

Residential/Warehouse Building Demolitions, The Salvation Army, Utica, NY. Principal-in-Charge. Due to a structural failure of the roof on a 100,000-square-foot warehouse, GZA was retained to perform overall demolition of the warehouse and adjacent 3-story former residence building. Work included performing a demolition level asbestos and hazardous materials survey, as well as subsequent abatement of identified materials. Given the extended period of time that had elapsed since the roof collapsed, abatement of significant amounts of pigeon guano was required to protect worker health and safety during site activities. Upon completion of abatement activities, a complex building separation was performed where the building tied into an occupied adjacent structure and the entire building was demolished. Site work included removal of all utilities. The site was graded and left in "parking lot" ready condition.

Soil and Groundwater Remediation and Building Demolition—Former Sanmina Facility, Derry, NH. Principal-in-Charge. Responsible for the relocation of an existing groundwater treatment system consisting of 3 bedrock and 12 overburden extraction wells including installation of new underground piping and conduit and construction of a new treatment building. Provided complete demolition services for 126,000-square foot, 2-story former plating facility, including removal and characterization of hazardous materials remaining in the buildings, removal of asbestos-containing materials, and demolition and processing of all building materials including removal of foundations and footings. Following demolition, the former basement and foundation areas were backfilled

with imported fill, graded, and compacted. Work also included the excavation and disposal of approximately 1,300 tons of contaminated concrete and 3,500 tons of contaminated soil.

Environmental Services On-Call Contract, The Salvation Army, Various Locations. Principal-in-Charge. Responsible for overall coordination of investigation and remedial work at all client owned facilities in the Northeast. Facilities range from single-family residences to multi-story commercial buildings to 100-acre summer camps. Thus far GZA has performed environmental inspections at over 2,300 facilities and ranked environmental risk based on our observations of lead, asbestos, tanks and water intrusion issues. An Internet based application was developed by GZA that catalogued our visits, findings and rankings. At the completion of the initial studies, GZA identified 125 "priority" sites that required immediate action. GZA was then tasked with remediation at these priority sites. This work involves generation of work plans, bid administration and construction management at these sites. To date work has involved asbestos, lead, mold, aboveground and underground storage tank removal, water intrusion, and contaminated soils. In addition to abatement and remediation, GZA is responsible for restoration of disturbed building or site surfaces after remediation or demolition.

Facility Closures, Defense Fuel Supply Center (DFSP- Newington, DFSP-Casco Bay, and DFSP-Searsport), Department of Defense, multiple Northeastern U.S. locations. Project Manager/Estimator. Developed fixed price costs for competitively bid facility closure programs for three military bulk fuel storage and transportation facilities managed by the Department of Defense; GZA awarded the contract as best value to the government. Facilities included marine fuel piers, multi-acre bulk storage terminals, and pipelines. Total storage tank capacity exceeded 100 million gallons.



Thomas Cumello PG
Health & Safety Manager

Tom has provided health and safety oversight for Dewberry's work on a long roster New Jersey state agency contracts. He is responsible for implementing Dewberry's Health & Safety (H&S) Program, developing and implementing contract H&S Plans, and developing and implementing Site Specific Health and Safety Plans and Checklists.

EXPERIENCE HIGHLIGHTS

Recent relevant field experience in residential environments from Post-Sandy contracts for FEMA, NJDEP, and the New York City Mayor's Office of Housing Recovery Operations. Served as Health & Safety Manager for 15+ New Jersey State/quasi-state work order type contracts.

EDUCATION

MS, Environmental Engineering, New Jersey Institute of Technology, 1996
BS, Earth Science, Penn State University, 1986

REGISTRATIONS

Professional Geologist: DE, PA
Construction Safety and Health, 10-Hour, OSHA: US

Hazardous Waste Health & Safety Training, 40-Hour, OSHA; Annual Refreshers

Confined Space Entry, OSHA: US
AHERA / Asbestos Building Inspector, RWJ 3353AA

YEARS OF EXPERIENCE

Dewberry: 7

Prior: 18

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey.

Environmental Health & Safety Manager responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks. Dewberry supported NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition of coastal residences.

Environmental Assessment Field Contractor for Superstorm Sandy Community Development Block Grant-Disaster Recovery (CDBG-DR), NJDEP, New Jersey. Health & Safety Manager for National Environmental Policy Act (NEPA) Environmental Assessments in support of CDBG-DR projects funded by HUD. Responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for field reconnaissance activities.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Environmental Specialist for Dewberry's contract to support the City of New

York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Debris Disposal Oversight, NJDOT, New Jersey. Health & Safety Manager and Environmental Specialist under

Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris was transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

Substantial Damage Evaluations (SDE) Post Superstorm Sandy, Hazard Mitigation Technical Assistance Program, FEMA, Various Locations, NJ. Project Specialist on one of 13 teams that conducted SDEs in eight counties. Dewberry conducted 20,000 residential and non-residential inspections within a 90-day period.

Environmental Engineering Task Order Contract, MTA-NYC Transit, New York, NY. Health & Safety Manager responsible for developing and implementing the H&S Plan for the contract and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks under a 5 year, \$10-million term contract. More than 20 tasks were completed including Phase I Environmental Site Assessments; archaeological monitoring during construction; and asbestos,

Thomas Cumello PG

Health & Safety Manager

lead-based paint, and hazardous materials services on more than 125 sites. To make way for the Fulton Transit Center (\$1.4-billion project opening 2014), Dewberry was responsible for asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Health & Safety Manager for environmental services for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work included asbestos, lead, hazardous materials survey; soil and groundwater characterization; and groundwater monitoring.

Direct Connection Interchange, NJDOT, Camden County, NJ. Health & Safety Manager for environmental services for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Waterbury Industrial Commons Redevelopment, Waterbury, CT. Health & Safety Manager and Environmental Specialist for this project that involved redeveloping a 28-acre World War II-era metals processing plant. Scope included lead-based paint and asbestos survey

and a site investigation of subsurface soil and groundwater quality. Dewberry provided a cost-benefit analysis for abating lead paint on the structural steel and recycling the beams; pre-demolition abatement activities were specified to allow for the recycling of the structural steel throughout the facility. We developed soil and groundwater remedial action plans and cost estimates to support redevelopment.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Health & Safety Manager for three consecutive 3-year, \$5-million task order contracts with more than 45 tasks awarded to date. Responsible for developing and implementing the Health & Safety Plan for the contracts and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks.

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Health & Safety Manager and Environmental Specialist for two task order contracts. Responsible for developing and implementing the Health & Safety Plan for the contracts and for developing and implementing Site Specific Health and Safety Plans and Checklists for specific tasks. Civil and environmental tasks involve site due diligence, site investigations, asbestos/lead/hazardous materials, permit coordination and approvals, site remediation and restoration, design and bid specifications, bid phase support, construction oversight, and close-out documentation.



Steven Benosky PE
Work Order Manager/Plans and Specifications

Steve manages environmental and engineering contracts for a variety of public agency clients; he is responsible for staff allocation, schedules, budgets, quality assurance, health and safety, and technical oversight. His experience includes the study, design, and construction administration of infrastructure rehabilitation and capital projects; facility improvements; water, sewer, and utilities; and drainage systems and flood control projects. Steve has extensive experience in the preparation of local, county, and state permits.

SELECTED EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Civil Engineer for the redevelopment of 12 acres of property in downtown Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work includes concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), topographic and boundary surveys, permitting, hydrology and hydraulic engineering, and site/civil/utility engineering. The design includes green infrastructure to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Civil Engineer for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building.

Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project included NJDEP permits, Soil Erosion Control Certificate, and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

Civil Engineering Call-In Services, Port Authority of NY/ NJ, Various Locations, NY and NJ. Task Manager or Senior Civil Engineer for more than 20 on-call tasks for since 2006.

Tasks deal with repair, rehabilitation, and improvements at Port Authority facilities and sites. Services provided include: field survey, condition inspection, engineering and environmental studies/investigations, report preparation, preliminary and final design, construction cost estimating, permitting (including Soil Erosion Sediment Control Certification), technical specifications, preparation of contract bid documents, construction scheduling, shop drawing review/approval, and construction support services.

Land Transfer Utility Survey, Greystone Park Complex, Morris County, NJ, Project Manager. Dewberry provided professional engineering services for a utility infrastructure evaluation to support the 300-acre Greystone Park Complex under control of Morris County. The New Jersey Department of Human Services historically provided utility service to these buildings; however, as part of the transfer of the land to the County, the County became responsible for providing utility service to this area. Responsible for studying existing natural gas, potable water, electrical and telecommunications distribution, and sanitary sewer, and the improvements needed (including cost estimates) to provide new utility service.

EXPERIENCE HIGHLIGHTS

Familiar with DPMC and NJDEP procedures and processes

Seasoned task manager for New Jersey civil, utility and permitting tasks

EDUCATION

BS, Civil Engineering,
Clarkson University, 1995

REGISTRATIONS

Professional Engineer: NJ, MA

YEARS OF EXPERIENCE

Dewberry: 12

Prior: 6

Steven Benosky PE

Work Order Manager / Plans and Specifications

Potable Water Services, Greystone Park Complex, Morris County, NJ, Project Manager. Responsible for the design and construction of the portable water service to County-owned property located at the Greystone Park Complex. The project involved the installation of 4,900 linear feet of water mains to serve the 13 County-owned buildings. A connection was made to the Southeast Morris County Municipal Utilities Authority water system which included a meter pit with appropriate backflow equipment. Engineering services included final design, permitting, and construction administration. Permits include NJDEP Bureau of Water System Engineering, NJDEP Flood Hazard Area, NJDEP Freshwater Wetlands, and Soil Erosion and Sediment Control Certification.

Dam Removal, Greystone Park Complex, New Jersey Department of Human Services, NJ. Project Manager, as a subconsultant, for the analysis, design, and permitting of flood control measures at the Greystone Park Complex. Determined the Hazard Classification for the Upper Reservoir and design of permanent breach of the Lower Reservoir. The design for the Lower Reservoir involved eliminating the reservoir function and draining and maintaining it as a planted wetland basin, fed by both the natural creek flowing through the project site and stormwater collected from impervious surface on the campus. Natural erosion and sediment control measures were included as part of the design.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Project Engineer for the design of a force main sewer and pump station at the New Jersey Training School for Boys. The pump station includes a comminutor chamber, submersible pumps, valve/meter chamber, and an odor control system. The force main is approximately 7,600 linear feet with stream crossings using

jack and bore and horizontal directional drill methods. Services include surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies. Relevant permits included: NJDEP Flood Hazard Area, NJDEP Treatment Works Approval, Soil Erosion and Sediment Control Certification, and NJDEP Freshwater Wetlands.

Drainage and Dam Studies Open End Contract, NJDOT, Statewide, NJ. Project Engineer for a three-year statewide drainage/dam studies term agreement. The scope of work included identification/verification of the problem, collecting relevant background data, (site survey, flooding events etc.), mapping, developing cost estimates, support for a Community Involvement Program, performing alternative analyses, providing engineering for further studies, supporting documentation, and permitting. In addition, included final design and provide construction plans and services for minor drainage projects.

Federal Express, On-Call Engineering Services Newark Liberty International Airport, Newark, NJ. Task Manager for a 3-year, on-call engineering services contract for FedEx projects at Newark Liberty International Airport and the metropolitan area. The scope of the contract includes facility inspections, project scoping, preparation of construction documents, preparation of bidding documentation, pre-construction meetings, construction oversight, and close out documents to the Port Authority of NY/NJ. The projects are typically quick turnaround assignments and regularly involve building code approvals, asbestos certifications, and Soil Erosion and Sediment Control Certification permits, among others.



James Heeren PE, ENV SP
Work Order Manager / Reimbursement Compliance / Public Outreach

Jim has extensive experience as a project manager, environmental engineer, and quality assurance manager supporting New Jersey state agencies with civil and environmental engineering under NJDEP and federal regulations. He brings a broad understanding of hazardous materials and waste, permitting and regulatory approvals, wetlands/natural resources, utility coordination, and associated regulatory requirements. Jim has overseen tasks and led projects that have involved maximizing reimbursement through federal funding while adhering to strict timelines.

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, Statewide, NJ.

Environmental and Historic Preservation (EHP) Lead supporting a program to remove and monitor debris from waterways while maximizing FEMA reimbursement. Managed EHP disciplines including GIS personnel mapping potential environmental impacts, biologists for threatened and endangered (T&E) species compliance, ecologists for wetland compliance, environmental specialists for hazardous waste issues, and terrestrial and marine archaeologists for Section 106 compliance. Involved oversight of field inspectors working with debris contractor crews and monitors to verify only eligible debris was recovered and that protocols were followed. Required coordination with NJDEP, FEMA, New Jersey Historic Preservation Office (NJHPO), US Fish and Wildlife Service, and other state and federal agencies. Required significant public outreach. Included demolition of coastal residences.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Environmental Engineer

for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD Community Development Block Grant-Disaster Recovery (CDBG-DR) funds. The City received more than 20,000 applications, including both single- and multi-family residences.

FEMA Reimbursement for State Channel Waterway Debris Removal, NJDOT, Statewide, NJ. Project Manager for two tasks (Core Sampling and Preparation of Channel Site Sheets) supporting NJDOT with documentation and compliance activities in connection with the removal of Superstorm Sandy debris/sediment from state channels.

Remedial Design Services Term Contract, NJDEP, New Jersey. Work Order Manager, as a subconsultant, for \$4.3-million term contract. For the Fenimore Landfill in Roxbury, providing design and implementation support for a landfill closure, including interim and long term odor control plans and grading plan. This task has a strict completion deadline to address public concerns.

Direct Connection Interchange, NJDOT, Camden County, NJ. Environmental Task Leader, since 2002, responsible for ongoing public outreach as well as oversight of all environmental activities. Managed a highly complex approvals process for this project that faced significant hurdles including potential impacts to natural and cultural resources, and the community. Coordinated regulatory liaison and permitting with resource agencies including NJDEP, USACE, EPA, US Coast Guard, and US Fish & Wildlife Service. This \$900-million

EXPERIENCE HIGHLIGHTS

Supporting FEMA and HUD reimbursement for NJDEP, NJDOT and New York City Mayor's Office of Housing Recovery Operations

Seasoned manager of multi-disciplinary projects

EDUCATION

MS, Environmental Engineering, New Jersey Institute of Technology, 1995

BS, Civil Engineering, New Jersey Institute of Technology, 1990

REGISTRATIONS

Professional Engineer: NJ

Institute for Sustainable Infrastructure:
Environmental Specialist: US

Hazardous Waste Site Operations
Training, 40-Hour, OSHA; Annual
Refreshers

NJDEP UST Closure/Subsurface
Evaluation

YEARS OF EXPERIENCE

Dewberry: 11

Prior: 12



James Heeren PE, ENV SP

Work Order Manager/
Reimbursement Compliance/
Public Outreach

federally funded interchange project includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Engineer for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work included environmental impact analyses, asbestos, lead, hazardous materials survey; soil and groundwater characterization; and groundwater monitoring.

Environmental Engineering Task Order Contract, MTA--NYC Transit, New York, NY. Work Order Manager for a 5-year, \$10-million term contract. More than 20 tasks were completed including Phase I Environmental Site Assessments; archaeological monitoring during construction; and asbestos, lead-based paint, and hazardous materials services on more than 125 sites. To make way for the Fulton Transit Center (\$1.4-billion project opening 2014), Dewberry was responsible for asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Property Acquisition Assistance along Interchange 14A, New Jersey Turnpike Authority, Bayonne and Jersey City, NJ. Quality Assurance Manager, as a subconsultant, for site investigation activities at several commercial warehouse/distributor properties as well as NJDEP known contaminated sites (KCSs) prior to acquisition for this interchange

improvement project. Specific activities included site audits, environmental database reviews, and review of available NJDEP project files.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Quality Assurance Manager for three consecutive 3-year, \$5-million task order contracts with more than 45 tasks awarded to date. Responsible for developing and implementing the Quality Assurance Plan for the contracts and for providing quality assurance review on specific tasks.

Environmental Assessments, Hazard Mitigation Grant Program, FEMA, Multiple Locations, US. Technical Reviewer for National Environmental Policy Act (NEPA) Environmental Assessments for flood control improvement projects in Michigan, Arkansas, and Mississippi. Issues of concern included floodplain location, wetlands, hazardous waste, archaeological and historic resources, and threatened and endangered species, truncated schedule and limited budget.

Garden State Parkway 83-100 Program Manager, New Jersey Turnpike Authority, Ocean and Monmouth Counties, NJ. Environmental Project Manager, under Dewberry's Program Manager contract responsible for progressing and coordinating the \$300-million project through final design by four section Design Engineers and verifying that Environmental Impact Statement (EIS) and permitting commitments were incorporated into design and construction. Previously Project Manager, as a subconsultant, for the preparation of state-level EIS, environmental permitting, agency coordination, and public involvement.



Mario Iannelli PE Work Order Manager

Mario is a Senior Project Manager with experience overseeing civil/environmental engineering on residential, commercial, and industrial projects with particular experience managing projects that involve demolition, site redevelopment, utility coordination, and regulatory permitting.

EXPERIENCE HIGHLIGHTS

Experienced in coordinating utilities, permitting, asbestos/lead services, and LSRP services for New Jersey projects

EDUCATION

MS, Civil Engineering, New Jersey Institute of Technology, 2001

BS, Civil Engineering, New Jersey Institute of Technology, 1993

BS, Engineering Science, Upsala College, 1992

REGISTRATIONS

Professional Engineer: NJ

YEARS OF EXPERIENCE

Dewberry: 3

Prior: 17

SELECTED EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Project Manager for bid document preparation, contract administration, contractor oversight and utility closeouts for redevelopment involving demolition of six residential structures. Six additional residential structures are slated for demolition for the next phase of this project, pending permit approval. This project involved redevelopment of 12 acres of property in downtown Morristown for 700 apartments, more than 60,000 square feet of commercial space, and green spaces. Also responsible for managing environmental services (asbestos, lead, hazardous materials, site remediation), and permitting. Project design includes green infrastructure elements to minimize the burden on Morristown's storm sewer system as well as the risk for non point source water pollution by using non structural stormwater management systems that are integrated with planted areas and greenways.

Remedial Design Services Term Contract, NJDEP, New Jersey. Senior Civil Engineer, as a subconsultant, for \$4.3-million term contract. For the Fenimore Landfill in Roxbury, providing design and implementation support for a landfill closure, including interim and long term odor control plans and grading plan. This task has a strict completion deadline to address public concerns.

Chilton Memorial Hospital On-Call Civil Engineering, Atlantic Health, Pompton Plains, NJ. Project Manager responsible for leading multiple improvement projects since 2008. The current expansion project includes three residential structures scheduled for demolition, UST removals, site planning and planning board approvals, preparation of final design plans and specifications, and contractor oversight. Previous projects have involved site / civil engineering, planning and zoning board approvals, bid document preparation, and contractor oversight.

Millburn Parking Garage, Township of Millburn, Millburn, NJ. Project Manager, as a subconsultant, for project involving demolition of existing asphalt surface parking lot; permit approvals to create a subdivision for a deed restriction to allow capping of the historical landfill at the site; and construction of a new two-level parking garage adjacent to the Millburn Train Station. Permitting included reviews by the Township and County; Soil Erosion and Sediment Control Plan approval by the Soil Conservation District; and, an NJDEP Flood Hazard Area Verification and Individual Permit application and approval.

How Lane Parking Lot Expansion, Saint Peter's University Hospital, New Brunswick, NJ. Project Manager for project involving demolition of a 30-foot by 30-foot commercial structure and replacing it with a surface parking lot to support increased service offerings at this regional hospital. Project included bid document preparation and contractor oversight.

Morristown Memorial Hospital, Atlantic Health, Morristown, NJ. Senior Civil Engineer for engineering services for the expansion of this medical facility. Project

involved demolition of cul de sac with eight residential structures. Responsible for demolition plan and oversight of contractors during construction activities. Project included regulatory permitting; site design; traffic engineering; and, stormwater management services. Off tract improvements included traffic calming and off-site parking. Provided utility master planning including water service, long term stormwater management, sanitary sewer, and traffic planning.

Performing Arts Center, Morristown Beard School, Morristown, NJ. Project Manager. Project involved demolition of three residential structures for construction of the new Performing Arts Center at this co ed college preparatory school. Included civil design plans, demolition plans, and contractor oversight during construction activities. Included utility design (sanitary, fiber optics, stormwater, and power distribution), SESC plans, permitting, and construction phasing.

Hilltop Residential Redevelopment, Cedar Grove, North Caldwell, Caldwell and Verona, Essex County, NJ. Project Manager for project that involved demolition of five residential structures and site improvements (including driveways, sidewalks and landscaping) for this major single family lot subdivision and multi story senior residential community. Developed due diligence report for entire project, coordinated between various municipalities and utility providers. Involved contractor oversight and construction administration.

Mountainside Hospital, Atlantic Health, Glen Ridge and Montclair, NJ. Civil Design Engineer for project involving demolition of five residential structures for expansion of the existing medical facility at a complex located in two

municipalities. Responsible for site planning and development, permitting services, coordination with municipalities, drainage design, and stormwater management.

Landscape and Horticulture Technology Building, County College of Morris, Randolph, NJ. Project Manager responsible for construction administration, drawing review, bid phase support, limited inspections, and project closeout. This project included a new 7,000-square-foot building requiring NJDEP permitting, septic system design, and sustainable design initiatives. The project site is located within the Highlands Region and is impacted by Category One Stream Buffers.

Calandra Italian Village, Calandra Enterprises, Caldwell, NJ. Project Manager for project involving demolition of the existing bakery storefront and adjacent commercial structure. Project included flood plain study, NJDEP Flood Hazard and Wetlands permitting, and associated site development. Amended site plan applications required both local and county approvals on an expedited timeline.

South Orange Third & Valley Redevelopment, Village of South Orange, NJ, Project Manager responsible for multi-disciplinary services including site/civil engineering, landscape architecture, geotechnical engineering, traffic engineering, environmental services (including LSRP services), permitting, and limited construction administration/inspection. The project involves 220 residential units, a 500-car parking structure, 2,500 square feet of retail, and other site related amenities and improvements such as, landscaping, hardscape, streetscape, utilities, and stormwater management.



Corey Nachshen

Work Order Manager

Corey has extensive experience as a project manager and engineer for site assessments, investigations, demolition designs, remedial designs, remedial actions, and asbestos content and lead-based paint projects. He is an accomplished work order manager with experience managing budgets, schedules, and multi-disciplinary engineering tasks.

EXPERIENCE HIGHLIGHTS

Recent relevant field experience in residential environments from Post-Sandy contracts for NJDEP and the New York City Mayor's Office of Housing Recovery Operations

Significant experience managing demolition projects

EDUCATION

MA, Environmental Management,
Montclair State University, 1994

MBA, Management,
Montclair State University, 2002

BS, Ceramic Engineering,
Rutgers University, 1991

REGISTRATIONS

AHERA Asbestos Building Inspector
and Management Planner

NJDEP UST Closure/Subsurface
Evaluation

Hazardous Waste Site Operations
Training, 40-Hour, OSHA; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 13

Prior: 11

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey. Senior Environmental Engineer responsible for asbestos and lead services. Dewberry supported NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition/removal of homes damaged by Superstorm Sandy.

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Task Manager responsible for asbestos/lead and hazardous waste services for Dewberry's contract to support the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Environmental Engineer for pre-demolition asbestos/lead/hazardous materials survey and for demolition monitoring for structures removed as part of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included demolition of eight

homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Task Manager for environmental services for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope of work included asbestos, lead, and hazardous materials survey for six homes which were demolished to make way for the project; soil and groundwater characterization; and groundwater monitoring.

Debris Disposal Oversight, NJDOT, New Jersey. Senior Environmental Specialist under Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris was transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

Environmental Engineering Task Order Contract, MTA--NYC Transit, New York, NY. Work Order Manager for a 5-year, \$10-million term contract. Responsible for asbestos, lead-based paint, and hazardous materials services on various tasks including pre-demolition services for the Fulton Transit Center (\$1.4-billion project opening 2014). Task involved asbestos, lead-based paint, and hazardous materials



management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Environmental Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Waterbury Industrial Commons Redevelopment, Waterbury, CT. Task Manager for this project that involved redeveloping a 28-acre World War II-era metals processing plant. Scope included lead-based paint and asbestos survey and a site investigation of subsurface soil and groundwater quality. Dewberry provided a cost-benefit analysis for abating lead paint on the structural steel and recycling the beams; pre-demolition abatement activities were specified to allow for the recycling of the structural steel throughout the facility. We developed soil and groundwater remedial action plans and cost estimates to support redevelopment.

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Task Manager for two task order contracts. For the Redshaw School in New Brunswick, managed the civil and environmental work involving site due diligence, site investigations, asbestos/lead/hazardous materials, permit coordination and approvals, site remediation and restoration, design and bid specifications, bid phase support, construction oversight, and close-out documentation.

Hazardous Waste Open-End Agreements, NJDOT, Statewide, NJ Senior Environmental Engineer for 3-year, \$3-million agreements to provide hazardous waste investigation services in connection with properties proposed for acquisition, as part of facility construction and improvement programs, intersection upgrading, or highway construction projects. Performed UST-related soil and groundwater site assessments, Preliminary Assessments and Site Investigations, Remedial Investigations, Remedial Alternative Analyses, remedial cost estimates, permitting, property acquisition support, and construction oversight and hazardous waste management.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Senior Environmental Engineer for two consecutive 3-year, \$5-million contracts. Responsible for remedial site investigation, remedial design, and remedial actions for facilities including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition.

Passaic County Brownfields Assessment Program, Passaic County, NJ. Senior Environmental Engineer for EPA-funded Preliminary Assessment and Site Investigation services under the Passaic County Brownfields Assessment Program. Sites include the former Pyrolac site, a 2.45-acre, inactive manufacturing facility. Requires compliance with federal funding regulations.

City of Plainfield Brownfields Program, City of Plainfield, NJ. Project Manager for EPA-funded Preliminary Assessment and Site Investigation services at various sites including former gasoline stations. Requires compliance with federal funding regulations.



Brett Peskin PE

Work Order Manager/Reimbursement Compliance

Brett is experienced in disaster response and mitigation contracts, including managing teams of engineers conducting FEMA- and HUD-compliant activities. His engineering background includes the planning, design, and permitting phases for various municipal, public works, and site development projects in New Jersey.

EXPERIENCE HIGHLIGHTS

Field experience includes residential Substantial Damage Evaluations in Jersey Shore communities in 2013 for FEMA

Cost estimating experience includes HUD-compliant residential program in New York City (2013) and FEMA Public Assistance in New York State (2012)

EDUCATION

MS, Civil Engineering,
Rutgers University, 2010

BS, Civil Engineering,
Rutgers University, 2007

REGISTRATIONS

Professional Engineer: NJ

YEARS OF EXPERIENCE

Dewberry: 6

SELECTED EXPERIENCE

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Task Manager leading a group of engineers tasked with estimating cost to complete residential rehabilitation (including the development and implementation of appropriate strategies to address resiliency or mitigate environmental concerns). Dewberry is supporting the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Substantial Damage Evaluations (SDE) Post Superstorm Sandy, Hazard Mitigation Technical Assistance Program, FEMA, Various Locations, NJ. Project Specialist on one of 13 teams that conducted SDEs in coastal communities in eight New Jersey counties. Conducted field visits; used Windows-based tablet with integrated GPS and camera for data collection resulting in both money- and time-savings. Dewberry conducted 20,000 residential and non-residential inspections within a 90-day period.

Hurricanes Irene and Lee, Public Assistance, FEMA, Various Locations, NY. Project Specialist deployed by FEMA to New York State to perform inspections of damaged facilities and infrastructure, develop project worksheets and conduct construction cost estimates to restore facilities to their pre-disaster state and function. Included coordination with applicants regarding inspections for infrastructure including roadways, culverts, embankments, bridges, and public buildings to determine disaster-related damage and pre disaster condition.

Sanitary Sewer Connection, New Jersey Training School for Boys, DPMC, Monroe Township, NJ. Senior Civil/Environmental Engineer for the design of a force main sewer and pump station at the New Jersey Training School for Boys. The pump station includes a comminutor chamber, submersible pumps, valve/meter chamber, and an odor control system. The force main is approximately 7,600 linear feet with stream crossings using jack and bore and horizontal directional drill methods. Services include surveying, geotechnical investigation, preparation of construction documents for the pump station, force main, and appurtenances, and the preparation and submittal of permit applications for all outside agencies. Relevant permits included: NJDEP Flood Hazard Area, NJDEP Treatment Works Approval, Soil Erosion and Sediment Control Certification, and NJDEP Freshwater Wetlands.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Civil Engineer for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Scope

Brett Peskin PE

Work Order Manager/
Reimbursement Compliance

of work includes concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), topographic and boundary surveys, permitting, hydrology and hydraulic engineering, and site/civil/utility engineering. The design includes green infrastructure to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Direct Connection Interchange, NJDOT, Camden County, NJ. Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Virtua Hospital, Virtua, Voorhees, NJ. Civil Engineer for 125-acre development involving the demolition of 12 homes to make way for a 680,000-square-foot hospital and 315,500-square-foot ambulatory care center. Also involved regional sanitary sewer pump station, interceptor, and force mains; public water mains; State Highway improvements; campus roadways; parking areas; stormwater management facilities; passive recreation areas; preservation of wetlands;

Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permit approvals.

Raritan River Greenway, Somerset County, Bridgewater, NJ. Project Engineer for engineering services for the construction of the northernmost section of the Raritan River Greenway. The proposed Typical Section furnishes a 10-foot wide path with a porous asphalt surface course for approximately 0.5 miles. Scope includes defining a horizontal and vertical alignment, final design, permit applications and contract documents. Additional tasks include survey/base mapping, selection of preliminary alignment, hydrology/hydraulics, geotechnical investigation, and design of two light vehicle bridges.

South Beverwyck Sanitary Pumping Station No. 1, Parsippany, NJ. Civil Engineer for design and permitting services for a replacement sanitary pump station for the Township of Parsippany-Troy Hills. The project included demolition of the existing South Beverwyck Pump Station and the construction of a new pump station with connection to the existing gravity sewer and sanitary force main. The station includes two 24 HP submersible pumps with a capacity of 439 GPM, mounted in an eight-foot diameter precast concrete wet well. Provided construction inspection services.



Brock Giordano RPA

Archaeology

Brock provides cultural resources services including Phase IA and IB cultural resources investigations to assess physical (archaeological) impacts under New Jersey Historic Preservation Office (NJHPO), Section 106 and 110 of the National Historic Preservation Act (NHPA), and Section 4(f). Brock also provides archaeological monitoring services during construction activities to minimize impacts to project schedules.

EXPERIENCE HIGHLIGHTS

Long-term working relationship with NJHPO

EDUCATION

MA, Anthropology,
Western Michigan University, 2005

BA, American Studies,
Salve Regina University, 2001

REGISTRATIONS

Register of Professional Archaeologists
Construction Safety Training, 10-Hour,
OSHA: US

Hazardous Waste Site Operations
Training, 40-Hour, OSHA: US; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 4

Prior: 8

AFFILIATIONS

Archaeologist Society of New Jersey

Meets Federal Qualifications [36
CFR61] for Archaeologist

Society for Historical Archaeology

Society of American Archaeology

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey. Lead Archaeologist responsible for archaeology coordination with NJHPO and FEMA. Dewberry is responsible for supporting NJDEP in planning and managing a state-level, regionally organized contract to remove and monitor debris from waterways, while maximizing FEMA reimbursement. This project included design and implementation of an Archaeological Work Plan and Protocol Procedures and implementation of a FEMA "Section 106 No Adverse Effects Conditions Requirements Protocol." The project included implementation of historic buffers around resources to protect them from project-related impacts while minimizing delays in project schedule.

Environmental Assessment Field Contractor for Superstorm Sandy Community Development Block Grant-Disaster Recovery (CDBG-DR), NJDEP, New Jersey. Lead Archaeologist for Superstorm Sandy National Environmental Policy Act (NEPA) Environmental Assessments and compliance with Section 106 of the NHPA, in support of CDBG-DR projects funded by HUD. Work involves desktop assessments (review of aerials, historic maps, and NJDEP GIS files), field reconnaissance, and environmental documentation,

as well as extensive coordination with local, state, and federal agencies. Historic property site assessments include Section 106 compliance reviews of NJHPO archaeological sensitive zones and areas considered to exhibit a high potential to contain archaeological resources in relation to proposed actions.

Archaeological Monitoring, Ralston Cider Mill, Mendham Township, NJ. Archaeologist responsible for monitoring during construction activities as part of the rehabilitation of the historic Ralston Cider Mill. Onsite archaeological monitoring allowed construction activities to progress without negatively impacting the project schedule, while allowing structural features to remain in place.

Phase IB Archaeological Survey, River Trail, Elizabeth, NJ. Principal Archaeologist responsible for conducting an archaeological investigation for a proposed river trail and county park. Proposed construction was phased to allow activities to continue in areas of low archaeological sensitivity while preventing impacts to sensitive archaeological receptors.

Reconductoring Projects within Public Rights-of-Way, Hazard Mitigation Technical Assistance Program, FEMA, Various Locations, IA. Archaeologist. Prepared archaeological assessment within the project's Area of Potential Effects (APE) for compliance with Section 106 of the NHPA. This project spanned seven counties.



Scott Wieczorek RPA
Archaeology

Scott provides technical support on cultural resources projects undertaken in New Jersey and has served as Principal Investigator on all phases of archaeological investigations. He has prepared and directed archaeological surveys in accordance with Section 106 off the National Historic Preservation Act (NHPA). Scott's experience includes providing archaeological support to state agencies.

EXPERIENCE HIGHLIGHTS

Recent relevant experience in residential environments from Post-Sandy contracts for NJDEP and the New York City Mayor's Office of Housing Recovery Operations

EDUCATION

MA, History,
Monmouth University, 2003

BA, Anthropology,
Monmouth University, 2000

REGISTRATIONS

Register of Professional Archaeologists

YEARS OF EXPERIENCE

Dewberry: <1

Prior: 14

AFFILIATIONS

Register of Professional Archaeologists

Meets Federal Qualifications [36 CFR61] for Architectural History and Archaeology

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey.

Archaeologist/GIS Specialist providing mapping and archaeology coordination with NJHPO and FEMA. Involved with integrating the use of GPS and GIS technologies to streamline the process of reviews to minimize impacts to the project schedule. Additional responsibilities included field monitoring to implement historic buffers around archaeological resources and allow construction activities to continue. Dewberry supported NJDEP in planning and managing a state level, regionally organized program to remove and monitor debris from waterways, while maximizing FEMA reimbursement.

Environmental Assessment Field Contractor for Superstorm Sandy Community Development Block Grant-Disaster Recovery (CDBG-DR), NJDEP, New Jersey. Archaeologist for Superstorm Sandy National Environmental Policy Act (NEPA) Environmental Assessments and compliance with Section 106 of the NHPA, in support of CDBG-DR projects funded by HUD. Work involves desktop assessments (review of aerials, historic maps, and NJDEP GIS files), field reconnaissance, and environmental documentation, as well as extensive coordination with local, state, and

federal agencies. Historic property site assessments include Section 106 compliance reviews of NJHPO archaeological sensitive zones and areas considered to exhibit a high potential to contain archaeological resources in relation to proposed actions.

Pre-Construction Services for NYC "Build It Back" Program, NYC Housing Recovery Office, Various Locations, NY. Archaeologist for Dewberry's contract

to support the City of New York with Post Sandy housing inspection, cost estimation for repair / resiliency, and environmental review (including archaeology, asbestos / lead and hazardous materials, and hazardous waste) for residential applications for the HUD CDBG-DR) funds. The City received more than 20,000 applications, including both single- and multi family residences.

Phase IB Archaeological Survey-Interchange 14A Improvements, New Jersey Turnpike Authority, Bayonne and Jersey City, NJ. Archaeologist involved with Phase IB archaeological survey and cultural resource compliance for a \$300-million project involving five miles of mainline and ramp improvements including seven bridge replacements within a highly urban environment.

Garden State Parkway 83-100 Program Manager, New Jersey Turnpike Authority, Ocean and Monmouth Counties, NJ. Archaeologist under Dewberry's Program Manager contract to progress and coordinate the \$300-million project through final design by four section Design Engineers and verify that Environmental Impact Statement (EIS) and permitting commitments were incorporated into design and construction.



Edward Farrell PE

Civil Engineering

Ed has over 15 years of experience in the design and management of site/civil engineering projects for residential, commercial, industrial, and educational facilities. He has supported municipal engineers in several Southern New Jersey municipalities reviewing submitted projects' drawings and calculations as well as doing design work for public road construction and reconstruction, storm pipe network improvements and open space. His expertise includes hydrologic and hydraulic analysis of stormwater management facilities, utility engineering site layout, and site grading with associated permitting and approvals.

SELECTED EXPERIENCE

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Virtua Hospital, Virtua, Voorhees, NJ, Senior Site/Civil Engineer for 125-acre development involving the demolition of 12 homes to make way for a 680,000-SF hospital and 315,500-SF ambulatory care center. Also involved regional sanitary sewer pump station, interceptor, and force mains; public water mains; State Highway improvements; campus roadways; parking areas; stormwater management facilities; passive recreation areas; preservation of wetlands; Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permit approvals.

Autumn Estates, Group Land Development, South Harrison Township, NJ, Civil Engineer for the development of a 50-acre residential subdivision of 45 single-family houses to be served by individual wells and septic systems, on newly created roads accessing an existing adjacent State highway and local roadway.

Hamilton Greene Subdivision, Comfort Development Group, Civil Engineer for professional services for the development of a residential townhome subdivision. The scope of services included updating the outbound and topographic survey; advancing soil profile pits; preliminary and final subdivision design documents; traffic and fiscal impact studies; water and sewer extension permit applications; county roadway improvement plans; and attendance at public hearings and meetings.

Pin Oaks Estates, Morgan Development Group, LLC, Monroe Township, NJ, Civil Engineer for topographic and boundary survey and design of Pin Oak Estates, a new residential community of 90 single-family homes. Included lot layout, roads, sewer and water design and permitting, stormwater management facilities, lighting and landscaping design, an environmental impact statement and professional representation at Planning Board hearings.

Winslow #13 Subdivision, Winslow Township, NJ, Civil Engineer for residential subdivision design for 107-acre wooded parcel into 27 lots for single family homes. Prepared outbound surveys, subdivision designs in compliance with strict Pinelands Commission requirements, and representation at Planning Board hearings.

EXPERIENCE HIGHLIGHTS

15 years of experience with site/civil engineering for residential construction and community infrastructure in New Jersey

Well versed in local and state permitting and approvals processes

EDUCATION

BS, Civil Engineering,
Rutgers University, 1999

REGISTRATIONS

Professional Engineer: NJ

YEARS OF EXPERIENCE

Dewberry: 7

Prior: 8

AFFILIATIONS

American Society of Civil Engineers



Evan Hill PE, CME Civil Engineering

Evan has over 18 years experience preparing civil engineering design plans, reports, geotechnical investigations and land-use permitting for residential, commercial, retail, solar and institutional projects throughout New Jersey. He is responsible for due diligence, design, permitting, and construction phases of single-family residential developments ranging in size from 25 to 1,600 single-family homes. He also has over 13 years of municipal engineering experience including serving as the Jackson Township Zoning Board Engineer since 2001.

EXPERIENCE HIGHLIGHTS

Post-Sandy Contracts include RREM

Municipal engineer's perspective on permitting, approvals, and public outreach

Depth of knowledge on residential construction and community infrastructure in New Jersey

EDUCATION

BS, Civil Engineering,
Michigan Technological University, 1995

REGISTRATIONS

Professional Engineer: NJ, PA, DE

Certified Municipal Engineer: NJ

YEARS OF EXPERIENCE

Dewberry: <1

Prior: 18

AFFILIATIONS

American Society of Civil Engineers

SELECTED EXPERIENCE

Reconstruction, Rehabilitation, Elevation and Mitigation (RREM) Program, New Jersey Department of Community Affairs, Various Locations, NJ. Program Manager, as a subconsultant, responsible for providing survey, engineering, and architectural services in support of Superstorm Sandy recovery efforts on residential rehabilitation and new construction of one- and two-family residences. Services are compliant with federal, state, and local residential construction standards and requirements.

Greenbriar Oceanaire, Waretown, Ocean County, NJ.

Senior Land Development Manager responsible for the management of staff and design consultants during the due diligence, design, and land use permitting process for a 1,400-home community. Managed staff and outside consultants' preparation of homesite design (plot plans), soil erosion, foundation, and zoning permit plans; and construction stakeout activities. Coordinated development activities with Township, County and State governmental officials.

Westlake Village, Jackson Township, Ocean County, NJ. Township Appointed Municipal Engineer responsible

for compliance evaluation during development of a multi-phased, 700 home active adult, master-planned community. Coordinated land and homesite development activities between Township and Developer staff. Managed staff of construction inspectors during the development activities. Prepared deficiency correction correspondence and processed developer requests for bond reduction and bond release requests.

Various Single-Family and Commercial Facility Investigations, Ocean County, Atlantic County and Cape May County, NJ. Performed numerous investigations and prepared engineering reports for single-family homes and commercial facilities throughout coastal communities for foundation design purposes. Evaluated subsurface soils to determine spread footing vs. pile supported foundation systems and assisted structural engineers during the preparation of foundation design plans. Deliverables used for submission to local construction officials to support building permit submissions.

US Home Corporation / Lennar Homes. In-House Senior Land Development Manager. Responsible for the management of Central New Jersey Division's residential communities during contract negotiation, due-diligence evaluation, environmental investigation/remediation, engineering design, permitting/approvals and project close-out phases. Contracted and managed civil, geotechnical, environmental and architectural consultants and attorneys on multiple projects from due-diligence through construction phases. Developed and implemented Division standards and procedures to efficiently manage consultants and potential issues during due-diligence phase of property acquisition.



Michael Ince PE, LEED AP Civil Engineering

Mike has over 15 years of civil engineering experience with various residential, commercial and industrial projects. His work involves due diligence, design bid document preparation, permitting, and contractor oversight. His projects often involve extensive demolition work, including plans and specifications for contractors, utility removals or relocations, and Soil Erosion and Sediment Control (SESC) plans.

EXPERIENCE HIGHLIGHTS

Supports demolition tasks for site/civil expansion projects involving the acquisition of properties

Coordinates with Soil Conservation Districts to facilitate SESC plan approvals

Permitting experience, including NJDEP Flood Hazard Area Verification and Individual Permit

EDUCATION

BS, Civil Engineering,
Rutgers University, 1999

REGISTRATIONS

Professional Engineer: NJ
LEED Accredited Professional

YEARS OF EXPERIENCE

Dewberry: 2
Prior: 13

SELECTED EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Civil Engineer for site/civil/utility design services, construction document preparation and oversight for the redevelopment of 12 acres of property in downtown Morristown where six blighted homes were demolished to be replaced with 700 apartments, more than 60,000 square feet of commercial space, and green spaces. This project also included concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), and permitting. Project design includes green infrastructure elements to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Millburn Parking Garage, Township of Millburn, Millburn, NJ. Senior Civil Engineer, as a subconsultant, for project involving demolition of existing asphalt surface parking lot; permit approvals to create a subdivision for a deed restriction to allow capping of the historical landfill at the site; and construction of a new two-level parking garage adjacent to the Millburn Train Station. Permitting included reviews by the Township and County; SESC Plan approval by the Soil

Conservation District; and, an NJDEP Flood Hazard Area Verification and Individual Permit application and approval.

Ambulatory Care Center/Medical Office Building, Barnabas Health, Livingston, NJ. Senior Site/Civil Engineer responsible for demolition plans and specifications of the existing medical building, including utility removals and closeouts. Also responsible for preparation of the SESC plan and permit approval with the Hudson-Essex-Passaic Soil Conservation District. This project required numerous field visits, pre-construction meetings, and contract administration. Involved demolition of existing medical space prior to the addition of 42,000 square feet of physician office space, new lobby area, and connecting corridor to the existing structure.

Chilton Memorial Hospital On-Call Civil Engineering, Atlantic Health, Pompton Plains, NJ. Senior Civil Engineer the current expansion project, which includes three residential structures scheduled for demolition, UST removals, site planning and planning board approvals, preparation of final design plans and specifications, and contractor oversight. Previous projects have involved site/civil engineering, planning and zoning board approvals, bid document preparation, and contractor oversight.

How Lane Parking Lot Expansion, Saint Peter's University Hospital, New Brunswick, NJ. Senior Civil Engineer for project involving demolition of a 30-foot by 30-foot commercial structure and replacing it with a surface parking lot to support increased service offerings at this regional hospital. Project included bid document preparation and contractor oversight.



Rocco Marucci EIT

Civil Engineering

Rocco is a civil design engineer with almost 10 years experience providing various civil engineering services for residential, commercial and industrial projects. His experience includes coordination with various review and permitting agencies, zoning compliance, communication with design teams, and construction administration and inspection. Rocco has provided these services to various state, county, and municipal agencies.

EXPERIENCE HIGHLIGHTS

Prepares SESC Plans and facilitates approvals with Soil Conservation Districts

Provides civil engineering services to expansion projects involving residential property acquisitions

EDUCATION

BS, Civil Engineering,
University of Hartford, 2004

REGISTRATIONS

Professional Engineer: NJ (Pending)

National Council of Examiners for
Engineering and Surveying: US

YEARS OF EXPERIENCE

Dewberry: 2

Prior: 7

AFFILIATIONS

American Society of Civil Engineers

Health Care Facilities Management
Society of New Jersey

SELECTED EXPERIENCE

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Civil Engineer for site/civil/utility design services, construction document preparation and oversight for the redevelopment of 12 acres of property in downtown Morristown where blighted homes were demolished to be replaced with 700 apartments, more than 60,000 square feet of commercial space, and green spaces. This project also included concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), and permitting. Project design includes green infrastructure elements to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.

Chilton Memorial Hospital On-Call Civil Engineering, Atlantic Health, Pompton Plains, NJ. Civil Engineer for current expansion project which includes three residential structures scheduled for demolition, UST removals, site planning and planning board approvals, preparation of final design plans and specifications, and contractor oversight. Previous projects have involved site/civil engineering, planning

and zoning board approvals, bid document preparation, and contractor oversight.

Millburn Parking Garage, Township of Millburn, Millburn, NJ. Civil Engineer, as a subconsultant, for project involving demolition of existing asphalt surface parking lot; permit approvals to create a subdivision for a deed restriction to allow capping of the historical landfill at the site; and construction of a new two-level parking garage adjacent to the Millburn Train Station. Permitting included reviews by the Township and County; Soil Erosion and Sediment Control Plan approval by the Soil Conservation District; and, an NJDEP Flood Hazard Area Verification and Individual Permit application and approval.

How Lane Parking Lot Expansion, Saint Peter's University Hospital, New Brunswick, NJ. Civil Engineer for project involving demolition of a 30-foot by 30-foot commercial structure and replacing it with a surface parking lot to support increased service offerings at this regional hospital. Project included bid document preparation and contractor oversight.

Ambulatory Care Center/Medical Office Building, Barnabas Health, Livingston, NJ. Site/Civil Engineer for project involving demolition plans and specifications for existing medical building, including utility removals and closeouts. Assisted with preparation of SESC plan and permit approval with the Hudson-Essex-Passaic Soil Conservation District. This project required numerous field visits, pre-construction meetings, and contract administration. Involved demolition of existing medical space prior to the addition of 42,000 square feet of physician office space, new lobby area, and connecting corridor to the existing structure.



Daniel Rocha PE
Civil Engineering / Plans and Specifications

Dan is a project engineer with experience in aspects of civil engineering services for state agencies. His work has included preparation of construction and bidding documents, project oversight, and close out document preparation and submission.

SELECTED EXPERIENCE

Civil Engineering Call In Services, Port Authority of New York and New Jersey (PANY/NJ), Various Locations, NJ and NY. Civil Engineer for more than ten on call tasks since 2007. Responsibilities include field surveys, engineering studies/investigations, permitting (including Soil Erosion and Sediment Control Plans), technical specifications, preparation of contract bid documents, construction scheduling, and construction support services. Tasks under this contract deal with repair, rehabilitation, and improvements at Port Authority facilities and sites.

Federal Express On-Call Engineering Services at Newark Liberty International Airport, Newark, NJ. Civil Engineer for a three-year on call engineering services contract for FedEx projects at Newark Liberty International Airport and surrounding metropolitan area. Work under this contract includes preparation of construction documents, preparation of bidding documentation, pre construction meetings, oversight of projects, close out documentation for PANY / NJ, and facility inspections.

Superstorm Sandy Related Repairs at Newark Liberty International Airport, Federal Express, Newark, NJ. Project Engineer responsible for field visits, construction documents, contract administration, permitting, and close out documents for various repairs related to damage caused by Superstorm Sandy. Work was performed at various

buildings and structures, including the replacement and / or repair of roofs, fascias, gutters, electronic equipment, and indoor office damage.

Water Main Extensions, New Jersey American Water Company (NJAW), Various Locations, NJ. Project Engineer for permitting, preparation of bid documents, and construction administration for the installation of 20,000 linear feet of water distribution mains at more than 25 locations in Atlantic, Burlington, Camden, Cap May, and Monmouth Counties to improve water quality and fire flows. Permits for this project included local and county Soil Erosion and Sediment Control Plans and NJDOT utility permits.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Civil Engineer for site/civil/utility design services, construction document preparation and oversight for the redevelopment of 12 acres of property in downtown Morristown where blighted homes were demolished to be replaced with 700 apartments, more than 60,000 square feet of commercial space, and green spaces. This project also included concept plans, environmental services (asbestos, lead, hazardous materials, site remediation), and permitting.

Direct Connection Interchange, NJDOT, Camden County, NJ. Civil Engineer for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

EXPERIENCE HIGHLIGHTS

Supporting New Jersey state / quasi-state agencies with civil engineering services on multiple contracts

EDUCATION

BS, Civil Engineering, New Jersey Institute of Technology, 2007

REGISTRATIONS

Professional Engineer: NJ

Construction Safety Training, 10-hour, OSHA: US

Confined Space Entry Certification, OSHA: US

YEARS OF EXPERIENCE

Dewberry: 6



James Bellew

Construction Inspection

Jim is a geologist with professional experience in bedrock, soil and groundwater investigation with an emphasis on remedial design and implementation. He has conducted numerous Phase I and Phase II Environmental Site Assessments (ESAs). In addition, Jim has managed large scale remediation jobs up to \$50 million in value. Jim has performed remedial design, contamination delineation, ground penetrating radar surveys, as well as permitting for environmental compliance. He has extensive construction inspection/management experience.

EXPERIENCE HIGHLIGHTS

Demolition and construction management experience

EDUCATION

MS, Geological Sciences,
CUNY-Queens College, 2010
BS, Geology,
Binghamton University, SUNY, 2006

REGISTRATIONS

Erosion and Sediment Control: NY

YEARS OF EXPERIENCE

GZA: 4

Prior: 4

SELECTED EXPERIENCE

Abatement, Demolition and Re-Siding, PQ Corporation, Rahway, NJ. Project Manager. Project involves abatement, demolition and re siding of the PQ industrial facility. Serve as the owners representative and construction manager for the abatement, selective demolition and re-siding of approximately 12 buildings. In addition to coordination, responsible for ensuring that the work is performed in accordance to the site work plan as well as local, state and federal laws.

i.Park Edgewater Brownfield Redevelopment, i.Park Edgewater, LLC, Edgewater, NJ. Field Project Manager. Provided oversight of the Environmental Remediation on site, acting as the owner's representative. Implemented the construction plan for remediation of arsenic, pitch, and PCB impacted soil for excavation as well as offsite disposal of 20,000 tons of soil. Also implemented the onsite air monitoring system and personal air monitoring for the workers onsite during excavation activities of PCBs, metals, VOCs, and PAHs.

MTA-Bridges & Tunnels (also known as TBTA) Borden Avenue, New York, NY. Project Manager of the Environmental Remediation at the Borden Avenue station.

Responsibilities include coordination of work and submission of payment requisitions and change orders. Project entails UST removal, excavation of 600 cubic yards of petroleum impacted soil, and implementing the In Situ Chemical Oxidation program for the site. Involved redesign of several portions of the site, including a 30-foot by 30-foot by 17-foot-deep mixing area for the injection of Fenton's Reagent. Currently working on a site wide pump and treat redesign.

NYCEDC Harper Street Shoreline Improvement, New York, NY. Project Manager. Designed the sampling schematic for waste characterization, drafting analytical summary reports and drafted construction specifications.

524 West 19th Street Associates, New York, NY. Environmental Engineer in charge of construction oversight of the demolition of the existing foundation and oversight of transportation and disposal of 8,000 tons of Manufactured Gas Plant (MGP) contaminated soil. Scheduled weekly work in regards to all civil and environmental tasks on the job.

Queens West Development, Long Island City, NY. Environmental Engineer for oversight of Site Remediation. Implemented the construction plan for remediation of Light Non-Aqueous Phase Liquids (LNAPL) on the site. Oversaw erection and dismantling of a 15,000-square-foot negative pressure enclosed structure for excavation, coordination of the transportation and disposal of 30,000 tons of petroleum impacted soil and assisted in the designed and oversight of the in situ chemical oxidation mixing on site.



Rebecca Cox PE
Construction Inspection

Rebecca is a geotechnical engineer with experience in various earthwork, construction, demolition, and subsurface exploration projects. Her project responsibilities often involve performing engineering studies, executing geotechnical investigation programs, conducting engineering analyses, preparation of design reports, plans, and specifications, and construction oversight.

EXPERIENCE HIGHLIGHTS

Performing construction inspection for PQ Corporation demolition

EDUCATION

MS, Civil & Environmental Engineering,
University of Massachusetts–Lowell,
2003

BS, Civil & Environmental Engineering,
University of Massachusetts–Lowell,
2001

REGISTRATIONS

Professional Engineer: NH

YEARS OF EXPERIENCE

GZA: 12

SELECTED EXPERIENCE

PQ Corporation, Plant Demolition, Rahway, NJ.

Construction Inspector providing onsite construction inspection and construction management for demolition of 12 industrial structures on an accelerated schedule.

Demolition of Former Mica Factory Building, Bristol, NH.

Construction Inspector. Provided construction inspection during demolition of circa 1849 wood-framed, former Mica factory building located on the northern bank of the Newfound River which had most recently been used for residential. After comprehensive pre-demolition surveys, preparation of a Remedial Action Plan, and preparation of technical specifications for abatement and demolition, provided construction oversight during abatement and demolition. Also located and removed lead- and ash-contaminated soils which were characterized for offsite disposal.

Demolition and Clean-up of Fire Damaged Battery Storage Building, Kahuku, HI. Construction Inspector

responsible for documenting demolition activities, interfacing with regulatory agencies, conducting air monitoring, and preparation of closeout documentation on the Owner's behalf. Provided construction management services for demolition and clean-up following a catastrophic fire at this facility which

caused severe damage to the building and release of lead from batteries contained within. Prior to onsite demolition, conducted an asbestos survey, obtained applicable permits and regulatory approvals, coordinated contractors, characterized waste streams, and established site controls.

Former Maplehurst Hotel/Residential Building Demolition, Bethlehem, NH. Construction Inspector.

Provided construction management, including specification preparation, bid services, and construction oversight related to demolition. Completed on accelerated schedule.

Dartmouth College Building Demolition, Hanover, NH.

Construction Inspector involved in hazardous materials assessment, preliminary design, construction specification preparation, and bid solicitation for demolition of an academic building and library to make way for a new Academic Center.

Squam River Landing Residential Demolition, Ashland, NH. Project Manager.

GZA performed subsurface investigations and provided geotechnical engineering recommendations for design and construction of a new boat storage building and an addition to a boat maintenance building. GZA also provided environmental site assessment services and performed a pre-demolition survey for a residential structure to be demolished.

Stadler Viega, Nashua, NH. Project Engineer. During subsurface geotechnical investigation, encountered unexpected asbestos-containing soil and debris. GZA handled removal disposal, regulatory requirements for closure.



Clark Lassiter NICET III
Construction Inspection/Cost Estimating

Clark brings a unique combination of experience having served as construction inspector on a long roster of New Jersey construction projects, and having deployed to several federally declared disasters to provide damage assessments and reimbursement review.

EXPERIENCE HIGHLIGHTS

Combines extensive New Jersey construction inspection with FEMA and HUD compliant cost estimating experience

EDUCATION

BA, Business Administration,
Lincoln University, 1978

REGISTRATIONS

Hazardous Waste Site Operations
Training, 40-Hour, OSHA: US; Annual
Refreshers

Lead Awareness Training, 4-Hour,
OSHA: US

YEARS OF EXPERIENCE

Dewberry: 13

Prior: 11

SELECTED EXPERIENCE

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Feasibility Specialist/Cost Estimator tasked with estimating cost to complete residential rehabilitation (including the development and implementation of appropriate strategies to address resiliency or mitigate environmental concerns). Dewberry is supporting the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Inspector for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Damage Assessment and Reimbursement Eligibility Review for Declaration 1174-ND, FEMA, North Dakota. Project Specialist for response to flooding disaster estimated at \$3.5-billion in damage. Involved damage assessment and

reimbursement evaluations of Grand Forks County Highway Department properties, including maintenance facilities and public structures.

Debris Removal and Reimbursement Eligibility Review for "Florida Four" Declarations for Hurricanes Charley, Frances, Ivan, and Jeanne. FEMA, Florida. Project Specialist for response to four storms in 44 days causing an estimated \$54-billion in damage. Involved debris removal and disposal operations compliance for the City of Jacksonville (Duval County), City of Pensacola, and Polk County Highway Departments including the monitoring of contractor operations for tree removals, maintenance of temporary debris storage facilities, and final disposal facilities.

Damage Assessment, Debris Removal, and Reimbursement Eligibility for FEMA Declaration 1603-LA and 1607-LA, Louisiana. Project Specialist for response to Hurricanes Katrina (\$108-billion in damages) and Rita (\$12-billion in damages). Involved debris removal and disposal operations compliance for the City of New Orleans (Orleans Parish), Parishes of: Calcasieu, Jefferson, Plaquemines, Saint Bernard, Saint Charles, Saint Tammany. Included monitoring of contractor operations for tree removals, maintenance of temporary debris storage facilities, and final disposal facilities. Monitored contractors for program compliance with the removal and segregation of the established debris streams including construction, hazardous (chemicals and asbestos), and white goods. Assisted the Deputy Public Assistance Officer and Special Assistant in the development of FEMA's first "Guidance for Demolishing Private Property."



Kenneth Lund-Pearson NICET III Construction Inspection

Ken provides construction inspection services for site/civil engineering projects. He brings knowledge of how contractors prefer to progress their work to bid document preparation and feasibility reviews. He provides positive feedback on plans with the goal of producing the most economical and efficient set of documents and plans and specifications for demolition tasks as part of project construction.

EXPERIENCE HIGHLIGHTS

Experienced in overseeing lead paint and asbestos abatement activities

EDUCATION/TRAINING

Certificate, Municipal Engineering Construction Inspection II, Rutgers University, 2004

Certificate, Municipal Engineering Construction Inspection I, Rutgers University, 2004

REGISTRATIONS

Construction Health and Safety Training, 10-Hour, OSHA: US

Confined Space Entry, OSHA: US

SSPC3 Lead-Based Paint Abatement: US

YEARS OF EXPERIENCE

Dewberry: 10

Prior: 33

AFFILIATIONS

American Society of Civil Engineers

Health Care Facilities Management Society of New Jersey

SELECTED EXPERIENCE

Construction Engineering Services for Parks Projects, Somerset County Parks, NJ. Senior Construction Inspector

Inspector for construction engineering for park projects on an as-needed basis. Assignments to date include: Rudolph W. Van Der Goot Rose Garden, a pole barn and restroom in Colonial Park; and a pole barn at the Quail Brook Gold Course, both in Franklin, NJ. Services include construction of new retaining walls, walkways, curbs, irrigation systems, and building related issues including foundations, electric for lights, and water and sanitary connections.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Inspector

for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Speedwell Avenue Redevelopment, Mill Creek Residential, Morristown, NJ. Senior Inspector

for the redevelopment of 12 acres of property in Morristown where blighted homes were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces.

Virtua Hospital, Virtua, Voorhees, NJ, Senior Inspector

for 125-acre greenfield development involving a 680,000-square-foot hospital; 315,500-square-foot ambulatory care center; regional sanitary sewer pump station, interceptor, and force mains; public water mains; State Highway improvements; campus roadways; parking areas; stormwater management facilities; passive recreation areas; preservation of wetlands; Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permit approvals.

Civil Engineering Call-In Services, Port Authority of NY/NJ, Various Locations, NY and NJ. Senior Inspector. Tasks

deal with repair, rehabilitation, and improvements at Port Authority facilities and sites.

Knoll Country Club West, Parsippany Troy Hills Township, Parsippany, NJ. Senior Inspector

for demolition and reconstruction of this country club, including commercial kitchen, catering facility, banquet hall, and separate bar, as well as golf pro shop, locker room facilities, and golf cart storage and maintenance garage. Responsibilities included coordinating contractor schedules, resolving field related construction issues, attending meetings, and maintaining inspection reports.

Construction Inspection for Water Main Extensions, New Jersey American Water Company (NJAW), Various Locations, NJ. Senior Inspector

for constructability review, bid document preparation, and construction administration for the installation of 20,000 linear feet of water distribution mains at more than 25 locations in Atlantic, Burlington, Camden, Cap May, and Monmouth Counties to improve water quality and fire flows.



Stephen Raymond

Construction Inspection

Steve is responsible for construction and project management of demolition, as well as remedial design and construction projects. He has extensive experience in construction management, cost estimating and design in the environmental, building and heavy construction industries, including facility closures, hazardous materials, asbestos, lead, mold, and storage tank.

EXPERIENCE HIGHLIGHTS

Demolition, construction management, and cost estimating experience

EDUCATION

BS, Civil Engineering,
Worcester Polytechnic Institute, 1998

REGISTRATIONS

EPA Certified Asbestos Inspector
International Code Council UST
Decommissioning Certified
EPA Renovation, Repair, and Painting
Lead Certified

YEARS OF EXPERIENCE

GZA: 9

SELECTED EXPERIENCE

PQ Corporation, Plant Demolition, Rahway, NJ. Project Manager/Demolition. Providing project management of hazardous materials consulting and construction management for demolition of 12 industrial structures on an accelerated schedule.

Kroc Community Center Building Demolition, The Salvation Army, Dorchester, MA. Construction Manager responsible for design and demolition activities associated with the complete demolition and removal of an existing 21,000-square-foot, single-story industrial building; 9,500-square-foot, single-story industrial building; and six multi-family apartment buildings located in Dorchester.

Building Demolition and Renovation, Former Dorr Woolen Mill Complex, Newport, NH. Construction Manager responsible for environmental permitting, design, local plan approval, and comprehensive demolition activities associated with the complete demolition and removal of 250,000 square feet of this mill complex. The work was performed on a firm, fixed price basis with an accelerated schedule. It included a demolition-level asbestos and hazardous materials survey, development of a demolition design plan for utility capping and rerouting, abatement and

demolition phasing, and renovation coordination activities to facilitate relocation of existing onsite personnel from the buildings being demolished to the newly renovated space. GZA presented its demolition and renovation plans to the Local Planning Board and secured all local approvals. In addition, GZA secured wetland, shoreland protection, alteration of terrain, and construction stormwater permits for the project.

Soil and Groundwater Remediation and Building Demolition—Former Sanmina Facility, Derry, NH.

Construction Manager. Relocated existing groundwater treatment system, installed underground piping and conduit and constructed new treatment building. Managed complete demolition services for 126,000-square-foot facility, including removal and characterization of hazardous materials remaining in the buildings, removal of asbestos-containing materials, and demolition and processing of all building materials including removal of foundations and footings. Following demolition, the former basement and foundation areas were backfilled with imported fill, graded, and compacted. Excavated and disposed of approximately 1,300 tons of contaminated concrete and 3,500 tons of contaminated soil.

Residential/Warehouse Building Demolitions, The Salvation Army, Utica, NY. Construction Manager.

Managed overall demolition of 100,000-square-foot warehouse and adjacent 3-story former residence building. Performed a demolition level asbestos and hazardous materials survey, as well as subsequent abatement of identified materials. Site work included removal of all utilities. The site was graded and left in "parking lot" ready condition.



E. Maclay (Clay) Gearhart CxP, CQCM
Cost Estimating/Reimbursement Compliance

EXPERIENCE HIGHLIGHTS

Disaster response and mitigation experience includes FEMA- and HUD-compliant cost estimating and project design and implementation

EDUCATION

BS, Mechanical Engineering,
Carnegie-Melon University, 1984

REGISTRATIONS

Certified Quality Control Manager: US
Certified Building Commissioning
Professional: US

YEARS OF EXPERIENCE

Dewberry: 1
Prior: 26

Clay has experience in all aspects of design phase and construction phase project management including construction cost estimating, project budgeting and cost control, contract negotiations, project reporting, Critical Path Method (CPM) scheduling, and construction claims preparation. His experience in disaster response and mitigation experience includes conducting FEMA- and HUD-compliant activities. His engineering background includes the planning, design, and permitting phases for various municipal, public works, and site development projects in New Jersey.

SELECTED EXPERIENCE

Pre-Construction Services for NYC Build it Back Program, New York City Mayor's Office of Housing Recovery Operations, New York, NY. Senior Feasibility/Cost Estimating Specialist tasked with estimating cost to complete residential rehabilitation (including the development and implementation of appropriate strategies to address resiliency or mitigate environmental concerns). Dewberry is supporting the City of New York with Post-Sandy housing inspection, cost estimation for repair/resiliency, and environmental review (including asbestos/lead and hazardous materials, hazardous waste, and archaeology) for residential applications for HUD CDBG-DR funds. The City received more than 20,000 applications, including both single- and multi-family residences.

Job Corps Program, US Department of Labor (DOL), Philadelphia and Dallas/Denver Regions. Facilities Project Manager responsible for providing multi-disciplinary architectural, engineering, and environmental services (including asbestos abatement) to support new construction, rehabilitation, maintenance, and repair projects at 17 Jobs Corps centers. Required construction cost estimating, project

budgeting and cost control, contract negotiations, project reporting, CPM scheduling. Dewberry, in joint venture, was responsible for supporting the DOL's Job Corps program with program management, A/E services, and environmental review support for the 122 Job Corps Center campuses (approximately 2,700 buildings and over 24-million gross square feet) nationwide.

D4 Creative Group Relocation, Philadelphia, PA. Task Manager/Cost Estimator for conversion of an old boiler manufacturing plant into a new corporate headquarters facility. Responsible for construction cost estimating, project budgeting and cost control, contract negotiations, project reporting, and scheduling.

West Chester University Housing Renewal Initiative, West Chester, PA. Task Manager/Cost Estimator for this public-private partnership Housing Renewal Initiative. Developed the project budget, prepared and managed the developer Request for Proposal process, and assisted the client with developer selection. The program is a multi-phase initiative to replace all of the University's aging dormitories with modern student housing



Christopher Mullan

Hazardous Materials/Buildings

Chris has experience supporting environmental compliance activities under hazardous waste clean-up, disaster response, and natural resource stewardship programs.

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, New Jersey.

Environmental Specialist for Dewberry's contract to support NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement and maintaining environmental compliance. Included demolition/removal of damaged homes.

Debris Disposal Oversight, NJDOT, New Jersey.

Environmental Specialist under Dewberry's contract to monitor up to 200 trucks per day at debris sites located along the New Jersey coastline. More than 60,000 tons of debris was transported for disposal. In addition to debris removal, Dewberry personnel provided oversight on the recycling of ferrous metals associated with the debris piles and beach sand reclamation which was redistributed to beaches. Accurate inspection and record-keeping was required to support FEMA reimbursement of NJDOT expenditures.

FEMA Reimbursement for State Channel Waterway Debris Removal, NJDOT, Statewide, NJ. Environmental Specialist for Preparation of Channel Site Sheets supporting NJDOT with documentation and compliance activities in connection with the removal of Superstorm Sandy debris/sediment from state channels.

Asbestos Assessment, Soundview (Marcal) Paper Company, Elmwood Park, NJ. Environmental Specialist.

Conducted asbestos assessment of a multi-building paper manufacturing complex of approximately 1.6-million square feet. The facility covers approximately 20 acres and consists of manufacturing, office, and warehousing operations. Conducted a visual survey, sampling, and prepared a findings report.

Garden State Parkway Milepost 30 to 80 Widening Project, New Jersey Turnpike Authority, Ocean, Burlington and Atlantic Counties, Laborer. Served as team member

for heavy highway construction. Inventoried, assessed and implemented construction techniques associated with environmental/regulatory issues to minimize impacts, maintain schedule, and reduce costs. Specific locations in the corridor include the rehabilitation and widening of the Mullica River Bridge in Burlington and Atlantic counties.

Archaeological and Environmental Planning Technical Support, US Customs & Border Protection (CBP), Various Locations, US. Environmental Specialist responsible for field activities. Dewberry's contract supports CBP's compliance under Resource Conservation and Recovery Act, Migratory Bird Treaty Act, Endangered Species Act, National Historic Preservation Act, National Environmental Policy Act, Clean Air Act, and Clean Water Act and the for construction of facilities, surveillance towers, fences, roads, and lights.

EXPERIENCE HIGHLIGHTS

Jersey Shore resident, and staffer on NJDEP Waterway Debris Removal, NJDOT State Channel Waterway Debris Removal, and NJDOT Debris Disposal Oversight contracts

AHERA Asbestos Inspector

EDUCATION

BS, Environmental Studies,
University of Vermont, 2012

REGISTRATIONS

AHERA/Asbestos Building Inspector

YEARS OF EXPERIENCE

Dewberry: 1

Prior: 3 (prior to degree)



David Oliver CMI

Hazardous Materials/Buildings

EXPERIENCE HIGHLIGHTS

Developed and implemented surveys and abatement programs for US HUD funded low income housing re-development projects in the Massachusetts and New Hampshire area

EDUCATION

BS, Occupational Health & Safety, Columbia Southern University, 2001

AS, Mechanical Design Engineer, Wentworth Institute of Technology, 1977

REGISTRATIONS

AHERA Asbestos Inspector
AHERA Asbestos Management Planner
Lead Risk Assessor: NH
Certified Mold Inspector

YEARS OF EXPERIENCE

GZA: 2
Prior: 34

Dave has 36 years of asbestos related experience working for industrial hygiene consulting and testing firms, performing asbestos related services throughout the Northeast. From project management to conducting surveys in accordance with AHERA and NESHAP protocols, his involvement with asbestos related projects has covered a wide field of structures, including industrial plants, hospitals, military bases, federal complexes, retail, municipal and manufacturing facilities, schools, and residential complexes. Dave routinely performs OSHA audits, safety evaluations, regulatory compliance inspections, indoor air quality assessments, design and monitoring of remediation efforts, and environmental site assessments for asbestos, lead, mold, air quality, radon, and other environmental hazards. During the course of his career and performance of his duties, he has worked in conjunction with numerous state, federal and emergency response agencies, and insurance company representatives.

SELECTED EXPERIENCE

PQ Corporation, Plant Demolition, Rahway, NJ.

Construction Inspector providing onsite construction inspection and construction management for demolition of 12 industrial structures on an accelerated schedule.

The Salvation Army, Asbestos Assessment, Abatement, Demolition Services, Various Locations. Construction Inspector/Manager for multiple Salvation Army projects.

Asbestos abatement project in Hartford, Connecticut included assessment, preparation of specifications and construction management; services for building demolition in Sleepy Hollow, NY included asbestos and hazardous materials assessment. Also complete numerous mold studies at single family homes owned by The Salvation Army.

Dartmouth College Building Demolition. Hanover, NH.

Field Engineer involved in hazardous materials assessment, preliminary design, construction specification preparation, and bid solicitation for demolition of an academic building and library to make way for a new Academic Center.

Academy of Science and Design, AHERA Survey, Nashua, NH. AHERA Inspector providing asbestos consulting services at charter public middle/high school facility.

Onsite Asbestos and Lead Abatement Services, Numerous Locations throughout New England. Project Manager responsible for providing project oversight for

several prominent asbestos and lead abatement sites including removal estimations for client budgetary purposes, preparation of abatement specifications, bid and contract documents, conducted contractor proposal invitations and site walks, project schedule and compliance, and review of submitted contractor documentation for compliance and closure purposes. The sites undergoing various forms of asbestos and lead abatement included conducting on-site activities such as property owner's representative, OSHA competent person, hygienist, inspector, risk assessor, project monitor and trainer. The abatement projects also included services from initial site surveys to final clearance inspections. Also provided design for numerous abatement and O&M programs for properties with asbestos and lead based paint.



Christopher Pierce

Hazardous Materials/Buildings

Chris has over 28 years of experience in environmental field operations and project management. He has conducted surveys for ACM, LBP and other hazardous materials; conducted sampling, prepared abatement cost estimates and specifications; performed monitoring during abatement; and, prepared final project closeout documentation. He has also completed Phase I and Phase II environmental assessments and investigations as well as Indoor Air Quality (IAQ) assessments. Additionally, he has experience with well monitoring, operations and maintenance (O&M) systems, Soil Erosion and Sediment Control plans, and environmental compliance activities. Chris has worked extensively on projects in the public sector.

EXPERIENCE HIGHLIGHTS

Asbestos, lead, and hazardous materials experience

EDUCATION

BA, Environmental Studies,
Ramapo College of New Jersey, 1983

REGISTRATIONS

NJ Asbestos Safety Technician, #00935

NJ DHSS Lead Inspector/Risk
Assessor, # 8351

NJ DHSS/SSPC Lead Supervisor
– Commercial Buildings &
Superstructures, # 8351

New Jersey Indoor Environmental
Consultant/IEHA (General, Asbestos,
and Lead), #435

NYS DOL/AHERA Project Monitor,
Project Designer, Supervisor, Inspector,
Air Sampling Technician Certification, #
89-07515

NYC DEP Asbestos Investigator,
#116424

NYS EPA Lead Inspector/Risk
Assessor, # NY-R-7861-3

YEARS OF EXPERIENCE

GZA: <1

Prior: 23

SELECTED EXPERIENCE

PQ Corporation, Plant Demolition, Rahway, NJ. Field Engineer. Conducted demolition-level hazardous materials survey of multiple buildings on large ISRA site, completing work on accelerated schedule.

Tappan Zee Bridge Abatement and Demolition, Tarrytown and South Nyack, NY. Project Monitor. Oversaw asbestos abatement at existing buildings being demolished or renovated to make way for construction of new Hudson River crossing.

Peter W. Rodino Federal Building Interior Demolition/Renovation, General Service Administration, Newark, NJ. Project Monitor. Provide air sampling services as part of the GZA team providing asbestos and lead consulting services for the \$146 million modernization of the largest federal building in New Jersey.

All Saint's Episcopal Day School Abatement, Hoboken, NJ. Project Monitor. Oversaw abatement of ACM roofing materials at church/school complex.

Port Authority of NY/NJ Facilities, Multiple Locations. Project Monitor. Conducted comprehensive hazardous materials inspections to locate and quantify asbestos-containing materials, lead based paint, mold, solid and other hazardous waste materials, PCBs, and universal waste at leased space owned by the Port Authority of NY/NJ.

Brownfield Redevelopment, Silver Star Mercedes, Long Island City, NY. Site Inspector. Conducted pre-demolition hazardous materials inspection to locate and quantify hazardous materials (e.g., asbestos, lead, mold) for consideration prior to demolition of former automobile services station/dealership being redeveloped as dealership and affordable housing.

St. Joseph's Hospital Expansion/Residential Home Demolition, Paterson, NJ. Field Engineer. Conducted asbestos investigations at vacant houses prior to their complete demolition as part of hospital expansion.

Linden Housing Authority, Linden, New Jersey. Site Inspector. As part of pre-demolition services for several buildings on the Linden Housing Authority site, performed a survey of ACM and prepared asbestos removal specifications; provided oversight of ACM abatement; and prepared final report.



John Pilling

Hazardous Materials/Buildings

John's projects involve the management of asbestos containing materials, lead-based paint, and other hazardous materials related to building demolition and renovation activities, as well as assisting building owners in the long term management of asbestos in their buildings. His work includes asbestos and hazardous materials surveys and design specifications; management of asbestos, lead paint and hazardous materials abatement projects; screening and Phase I Environmental Site Assessments; monitoring of workplace exposure to chemical and physical hazards; indoor air quality assessments; and ISO 17025 QA/QC compliance audits in asbestos testing labs.

SELECTED EXPERIENCE

Fitchburg Gas & Electric Light Company Demolition, Fitchburg, MA. Project Manager. Conducted a pre-demolition survey for asbestos, lead paint, and hazardous materials at a former electrical generating station; conducted follow-up PCB assessment of stained concrete and equipment surfaces, and equipment oils, as well as an assessment for asbestos and PCB's on exterior equipment. Provided owner with abatement cost estimates for multiple building disposition options, including partial abatement, complete facility abatement and demolition. Prepared US EPA Superfund submittals and full set of abatement contract documents, administered bid walk through, and provided construction management services for asbestos and hazardous materials removal operations.

Main Street South Community Development Corp., Demolition/Neighborhood Revitalization, Worcester, MA. Project Scientist. Conducted demolition-level assessment of assessment and other hazardous materials at buildings within 1.7-acre industrial brownfield redevelopment. Also prepared abatement and bid documents; provided abatement oversight.

Allegheny Ludlum Hot Rolling Mill Demolition, Brackenridge, PA. Project Scientist. Project involved demolition of approximately 509,000 square feet of building space, two for-mer ASTs, five furnace stacks, and other industrial components. Conducted pre-demolition assessment of asbestos and other building-related hazardous materials.

Planning Office for Urban Affairs, Hayes Building Interior Demolition/Housing Conversion, Haverhill, MA. Project Manager. Conducted survey for asbestos and hazardous materials in two historic mill buildings prior to their interior demolition and conversion to residential units. Also prepared abatement specifications; provided regulatory agency coordination; performed abatement monitoring and project oversight; conducted waste disposal characterization; performed initial lead compliance inspections; and issued lead paint compliance certificates for the newly renovated housing units.

Memorial Sloan Kettering Cancer Center, New York, NY. Project Scientist. Conducted pre-demolition assessment of building-related hazardous materials at site of cancer research facility. Assisted with the preparation of hazardous materials survey report, cost estimates, technical specifications for abatement.

EXPERIENCE HIGHLIGHTS

Asbestos, hazardous waste and demolition experience

EDUCATION

BS, Geology,
Northeastern Utilities, 1981

REGISTRATIONS

AHERA Asbestos Inspector
AHERA Asbestos Management Planner
NIOSH 582 Training, Occupational
Medical Center
Esstek/Fleet Environmental Site
Assessment Training

YEARS OF EXPERIENCE

GZA: 12
Prior: 20



James Restaino

Hazardous Materials/Buildings

Jim has extensive experience conducting asbestos surveys, lead paint inspections, air monitoring, and fieldwork and sampling related to abatement, site investigations, remedial actions, groundwater monitoring, tank closures, and chemical oxidation. He also has experience overseeing subsurface investigations; UST closures; installation/decommissioning/operation and maintenance (O&M) of soil and groundwater remediation systems and remedial action activities; and soil excavation, transportation, and disposal.

EXPERIENCE HIGHLIGHTS

Asbestos, lead, and hazardous materials experience

EDUCATION

Environmental Training,
Newark, NJ, 1996

REGISTRATIONS

NJ DHSS Lead Inspector/Risk
Assessor, # 2568

NJ DHSS/SSPC Lead Supervisor
– Commercial Buildings &
Superstructures, # 21408

New Jersey Indoor Environmental
Consultant/IEHA (General and Lead),
#436

NYS DOL/AHERA Asbestos Air Sample
Technician, Inspector, Project Monitor,
#96-17816

Radiation Safety – RMD-1 XRF Certified

Construction Safety and Health,
OSHA: US

Hazmat Supervisor Certification,
OSHA: US

YEARS OF EXPERIENCE

GZA: 7

Prior: 17

SELECTED EXPERIENCE

PQ Corporation Plant Demolition, Rahway, NJ.

Engineering Technician. Conducted demolition-level hazardous materials survey of buildings on large ISRA site. Overseeing demolition.

Tappan Zee Bridge Demolition, Tarrytown and South

Nyack, NY. Engineering Technician. Conducted asbestos surveys of existing structures slated for demolition and oversaw hazardous materials abatement. Also completed soil and groundwater characterization for disposal.

NYC Housing Preservation and Development, New York,

NY. Engineering Technician. Performed surface XRF testing of suspected lead-based paint and collected paint chip samples as a follow-up to NYC HPD field inspections identifying damaged surfaces.

Port Authority of NY/NJ, various locations. Engineering

Technician. Conducted asbestos and lead based paint sampling at Port Authority of NY/NJ facilities.

The Salvation Army (TSA), Various Locations, NJ

and NY. Engineering Technician. Complete asbestos, lead-based paint, and mold surveys and abatement activities at single-family homes owned by TSA in support of property transactions and facility maintenance.

Peter W. Rodino Federal Building Interior Demolition/ Renovation, General Service Administration, Newark, NJ.

Engineering Technician. Provide air sampling services as part of the GZA team providing asbestos and lead consulting services for the \$146-million modernization of the largest federal building in New Jersey.

Teterboro Airport Hangar Demolition, Meridian Teterboro,

Teterboro, NJ. Engineering Technician responsible for demolition-level hazardous materials inventories of Hangars 12 and 14. Also conducted air monitoring throughout demolition.

Columbia University, Manhattanville HMI, West Harlem,

NY. Engineering Technician. As part of a Community Air Monitoring Plan (CAMP), performed background air sampling around the site's perimeter, prior to the planned utility relocation, demolition, foundation excavation and remediation, and construction activities to establish existing ambient air quality conditions.

Preferred Freezer-Bayway, Elizabeth, NJ. Engineering

Technician. Completed demolition-level asbestos containing material survey and hazardous waste inventory of buildings on 20-acre brownfield/portfield site.



Benjamin Sallemi PhD

Hazardous Materials/Buildings

Ben has 25 years of environmental consulting, project management and field experience with regard to identification and abatement of asbestos containing materials (ACM); lead-based paint (LBP) testing and remediation; and, sampling and evaluation of other hazardous materials including PCBs and universal waste. He also designs abatement specifications and cost estimates, prepares bid documents, evaluates contractors, and oversees abatement. Ben has experience with demolition projects including single family homes as well as healthcare, educational and industrial structures.

EXPERIENCE HIGHLIGHTS

Directs GZA's northern New Jersey Hazardous Materials practice group
Demolition and public sector experience

EDUCATION

PhD, Earth & Environmental Science,
CUNY-Graduate Center, 2012
MS, Earth & Environmental Science,
CUNY-Graduate Center, 2011
BS, Environmental Geology,
CUNY-Brooklyn, 1998

REGISTRATIONS

NJ Department of Health Lead
Inspector/Risk Assessor
AHERA Asbestos Consultant
NJDHSS Indoor Environmental
Consultant/EHA
Hazardous Waste Site Operations
Training, 40-Hour, OSHA; Annual
Refreshers

YEARS OF EXPERIENCE

GZA: 7
Prior: 18

SELECTED EXPERIENCE

Plant Demolition, PQ Corporation, Rahway, NJ. Project Manager/Hazardous Materials providing hazardous materials consulting and construction management for demolition of 12 industrial structures. Conducted demolition level surveys for ACM, LBP, PCBs; hazardous materials inventory; identified and quantified hazardous materials; prepared technical abatement specifications; prepared bid specification package for prospective demolition contractors; completed bid evaluation and contractor selection; and, overseeing demolition.

Peter W. Rodino Federal Building Interior Demolition/Modernization, GSA, Newark, NJ. Project Manager providing asbestos consulting services for this \$146-million modernization of the largest federal building in New Jersey. Scope of work includes asbestos abatement design, preparation of drawings and specifications, inspection services, and determining worker exposure to potential airborne asbestos and lead contamination.

Tappan Zee Bridge Demolition, Tappan Zee Constructors, Tarrytown and South Nyack, NY. Project Manager/Hazardous Materials. Oversaw completion of hazardous materials surveys to locate and quantify ACM, LBP, and other hazardous materials (e.g., PCBs, universal waste) that required consideration prior to demolition of 25 existing structures; developed abatement design and bid specifications; prepared demolition design and bid specifications; and, provided abatement oversight and air monitoring.

Teterboro Airport Hangar Demolition, Meridian Teterboro, Teterboro, NJ. Project Manager responsible for hazardous materials inventories of Hangars 12 and 14 prior to demolition. Also oversaw air monitoring throughout demolition.

Home Demolition/St. Joseph's Hospital Expansion, St. Joseph's Hospital, Paterson, NJ. Project Manager for asbestos investigations at multiple vacant residential structures prior to complete demolition for hospital expansion project.

Hazardous Materials Investigation, Columbia University, West Harlem, NY. Project Manager for team that surveyed approximately 50 buildings for hazardous materials, asbestos, and lead; quantified amounts; developed cost estimates for comprehensive, pre-demolition sampling; and, prepared abatement specifications—all on an accelerated schedule.

Hazardous Materials Inspection On Call Contract, New York City Department of Design + Construction, New York, NY. Work Order Manager. Projects included asbestos investigations prior to large scale renovation projects and LBP x-ray fluorescence (XRF) testing for 1,400 Daycare Centers throughout NYC.



Joseph Galley CHMM, LSRP

Site Remediation

EXPERIENCE HIGHLIGHTS

Former NJDEP Assistant Bureau Chief
Experience with environmental projects
at single family homes

EDUCATION

BS, Environmental Science,
Rutgers University, 1981

REGISTRATIONS

Licensed Site Remediation Professional,
NJ, #586399

Subsurface Evaluator & UST Closure,
NJ, #10952

Certified Hazardous Material Manager
Masters Level/IHMM, #012032

YEARS OF EXPERIENCE

GZA: 5

Prior: 32

Joe has over 30 years of experience in the environmental field. He began his career with NJDEP, ultimately rising to Assistant Bureau Chief, where he was instrumental in the development and implementation of the Environmental Cleanup Responsibility Act (ECRA). He has supervised site investigations, coordinated and managed technical staffs of geologists and environmental scientists, developed and initiated procedures for field work, and designed and implemented site investigation and action plans. He has also formed mitigation plans and managed every aspect of clients' obligations under various state and federal environmental acts, including site investigation, remedial investigation and delineation of soil and groundwater, and development of long-term site monitoring and remediation plans.

SELECTED EXPERIENCE

Electrical Components Manufacturing Facility, North Haledon, NJ. Case LSRP/Project Manager. Conducting investigation and remediation of numerous AOCs including drum storage areas, plating and painting rooms, floor drains, USTs, dry wells, septic systems, and discharge areas. Supervised installation of monitoring well network, construction, operation and maintenance of a groundwater treatment system. Vapor investigation, public notification and receptor evaluation project requirements were completed under the LSRP program.

Residential UST Services, AIG Insurance Company, Multiple Locations, NJ and NY. Project Manager. Provided services for over 150 residential homeowners enrolled in UST Program. Services included removal, remediation and oversight of USTs and ASTs.

Residential Phase I/HazMat Surveys, Crown Northrup, Multiple Locations, NJ and NY. Project Manager.

Conducted Phase I audits and hazardous materials surveys of more than 75 residential homes prior to their foreclosure.

Former Clothing Manufacturing Facility, Paterson, NJ. Case LSRP/Project Manager.

Conducted complete historical review of historical site operations. Designed and implemented investigation of numerous AOCs including drum storage areas, floor drains, USTs, dry wells, septic systems, discharge areas and historic fill. Vapor Investigation, Public Notification and Receptor Evaluation project requirements were completed. Remediation of soil is underway; additional remedial methods involving institutional and engineering controls will be utilized in conjunction with site redevelopment activities. Will obtain Response Action Outcomes (RAOs) for remaining open AOCs.

Strauss Discount Auto, multiple projects and sites, NJ, NY, PA, DE. Project Manager. Managed a portfolio of Spill Act cases for SDA, from the Remedial Investigation to the remediation cost estimating and Remedial Action reporting and site closure. Helped client gain closure of a dozen sites in the portfolio. Presented technical data to the NJDEP on client's behalf. Managed the investigation, remediation, and closure of these sites involving soil and groundwater contamination from 2000 to 2012.



Marc Hudock LSRP

Site Remediation

As an environmental consultant in New Jersey since 1996, Marc has extensive experience working with NJDEP regulations that drive site investigations and cleanups. A Licensed Site Remediation Professional (LSRP), he has both public and private sector clients. His projects range from single family homes to industrial sites to right-of-ways and linear construction projects. Marc's technical expertise includes NJDEP Green Acres program, ASTs, and contaminants in soil, groundwater, and sediment. He is the Case LSRP for the PQ Industries site, at which GZA is providing both environmental and demolition services.

EXPERIENCE HIGHLIGHTS

LSRP of Record for the PQ Plant Demolition of Building No. 1

Public sector experience

EDUCATION

BS, Geo-Environmental Science,
Shippensburg University of
Pennsylvania, 1994

REGISTRATIONS

Licensed Site Remediation Professional

NJDEP UST Closure/Subsurface
Evaluation

NJDHSS Indoor Environmental
Consultant/IEHA

Hazardous Waste Health and Safety
Training, 40-hour, OSHA: US; Annual
Refreshers

USDOT/IATA Shipping and/or
Transportation of Hazardous Materials

YEARS OF EXPERIENCE

GZA: 7

Prior: 12

SELECTED EXPERIENCE

PQ Corporation Demolition, Rahway, NJ. Case LSRP /

Environmental Project Manager for professional services at an ISRA site with over 50 Areas of Concern (AOCs) and demolition of 12 buildings on site. Soil and groundwater contamination included metals (lead, chromium, and sodium), PCBs, and petroleum compounds. Managed the remedial investigation (RI) of the site, performed interim remedial actions, and prepared a Remedial Action Workplan (RAW) that includes the demolition of the furnace and associated structures. The project also included management of a simultaneous EPA-regulated PCB cleanup and for Beneficial Reuse approval from NJDEP for use of on-site crushed concrete.

Hendricks Field Golf Course, Essex County DPW,

Belleville, NJ. Case LSRP / Project Manager resolving compliance issues related to underground storage tanks. LSRP services include Receptor Evaluation and evaluation of steps necessary to close UST cases with the NJDEP.

Potters Industries, Carlstadt, NJ. Case LSRP / Project Manager for an ISRA site with over 32 AOCs. Soil contamination included metals (lead, silver, and zinc) and petroleum. Provided to the client in navigating ISRA regulations from General Information Notice (GIN) submittal through the Remedial Action (RA) phases. Managed the excavation, transport, and disposal of over 500 tons of contaminated soils; successfully established site specific remediation standards that saved the client hundreds of thousands of dollars in remediation costs; and demonstrated that metals in groundwater were naturally occurring. Issued a Remedial Action Outcome (RAO) for soils only and is poised to issue one for the entire site.

Asbury Park DPW, Asbury Park, NJ. Case LSRP / Project Manager resolving compliance issues related to former and existing underground storage tanks (USTs). LSRP services include Receptor Evaluation and evaluation of steps necessary to close UST cases with the NJDEP.

The Salvation Army, Asbury Park, NJ. Case LSRP / Project Manager for leaking UST project involving soil and groundwater investigation and remediation adjacent to active daycare. Developed and gained approval for a Remedial Investigation Workplan and Remedial Action Workplan. Managed the installation and O&M of active Remedial Action with a bio-venting system. Conducted vapor intrusion investigation.



William Pendexter PhD, PG, LSRP Site Remediation

Bill has diversified experience managing soil and groundwater remediation projects under the NJDEP Site Remediation Reform Act (SRRA) and Industrial Site Recovery Act (ISRA), as well as Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) regulations with expertise conducting remedial site investigations, coordinating Potentially Responsible Party groups, developing feasibility studies, and designing and implementing small and large-scale remedial actions.

SELECTED EXPERIENCE

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Senior Hydrogeologist and LSRP for two consecutive 3-year, \$5-million contracts. Responsible for remedial site investigation, remedial design, and remedial actions, including serving as LSRP, for facilities including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition.

Direct Connection Interchange, NJDOT, Camden County, NJ. Senior Hydrogeologist for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

New Jersey Turnpike Interchange 8, New Jersey Turnpike Authority, East Windsor, NJ. Senior Hydrogeologist for the final design of this \$180-million Section 6 (Interchange 8) Turnpike widening project which included full relocation of the Interchange 8 toll plaza and ramps (including demolition of

existing buildings); relocation and reconstruction of county and local roads. Required extensive coordination with the NJDOT, Mercer County, and East Windsor Township. The project includes NJDEP permits, Soil Erosion Control Certificate, extensive utility relocations (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities) all on an accelerated schedule.

Speedwell Redevelopment, Mill Creek Residential, Morristown, NJ. LSRP and Senior Hydrogeologist for Phase II Investigations, including an ongoing groundwater monitoring program in connection with redevelopment of 12 acres of property in downtown Morristown, currently occupied by mixed uses including residential, retail, commercial, and public works facilities. Project involved collaboration with Township environmental consultant, on behalf of the redevelopment entity, to ensure that the current responsible party addresses known environmental issues in a manner consistent with current regulations and guidance documents.

Closure of Six USTs, Former Garden Center, West Long Branch, NJ. LSRP of record during redevelopment of former garden center into apartment complex. Identified six heating oil USTs of varying vintages and conducted closure during construction of apartment complex. Issued area of concern Response Action Outcome document upon completion of closure activities.

EXPERIENCE HIGHLIGHTS

Supporting New Jersey state/quasi-state agencies with LSRP services on multiple contracts

EDUCATION

PhD, Hydrology,
Florida State University, 1996

MS, Geology,
University of Alabama, 1985

BA, Earth Sciences,
Fairleigh Dickinson University, 1979

REGISTRATIONS

Licensed Site Remediation Professional:
NJ

Professional Geologist: PA

Hazardous Waste Site Operations
Training, 40-Hour, OSHA: US; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 3

Prior: 31



Lorraine Pennino

Site Remediation

Lorraine is an accomplished senior engineer responsible for managing multi-discipline personnel, schedules, budgets, client liaison, and regulatory compliance for public agency clients, particularly the State of New Jersey.

EXPERIENCE HIGHLIGHTS

Manages multi-disciplinary engineering projects for NJ State agencies

Significant experience addressing demolition projects

EDUCATION

BS, Environmental Engineering,
Pennsylvania State University, 1987

REGISTRATIONS

Hazardous Waste Operations Training,
40-Hour, OSHA: US; Annual Refreshers

NJDEP UST Subsurface Investigator

YEARS OF EXPERIENCE

Dewberry: 12

Prior: 13

SELECTED EXPERIENCE

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Project Manager for two task order contracts. Tasks have included:

- **Redshaw Elementary School, New Brunswick, NJ. Senior Environmental Engineer** for Site Feasibility Services (prior to Design/Build phase). The project involved the demolition of the existing circa 1916 structure and the construction of an 84,000-square-foot new school structure. Included the preparation of an environmental screening report, preliminary assessment; site investigations; remedial investigations; remedial action workplan; asbestos, LBP, and PCB investigations; an Executive Order (EO) 215 report including historical and cultural resources studies, site feasibility report, traffic study, geotechnical investigation and report, utility investigation and analysis report, boundary and topographic/utility surveys. Additionally, reviewed the abatement, demolition and site improvement plans and specifications and prepared the asbestos abatement plans and specifications, as well as providing asbestos abatement oversight and clearance sampling services.
- **ES#19 Woodrow Wilson School, Elizabeth, NJ. Senior Environmental Engineer** for Site Feasibility Services supporting demolition of the existing school and the reconstruction of a larger school on the same property, as

well as two adjacent properties proposed for acquisition and necessary for the new construction. Services included the preparation of an environmental screening report; preliminary assessment; a wetlands presence/absence determination; asbestos, LBP, radon and PCB investigations, an EO 215 report including historical and cultural resources studies and preparation of the NJ Department of Education land acquisition checklist.

- **PS #24, Paterson, NJ. Senior Environmental Engineer** for Site Feasibility Services involving the renovation and expansion of the school and associated parking and playground facilities. Services were focused on the acquisition of four residential properties located south of the existing school facility. Included preparation of an environmental screening report, preliminary assessment, limited site investigations, preparation of environmental screening memorandums and property acquisition environmental cost estimate reports (PAECERS), preparation of the NJDOE land acquisition checklist and conceptual site plans, asbestos and LBP investigations, remedial action workplan, and boundary and topographic/utility surveys for both the four acquisition properties as well as the People's Park located north of the school.
- **PS #17, Paterson, NJ. Senior Environmental Engineer** for Site Feasibility Services. Involved investigation of the feasibility of expanding the existing school for use as an Early Childhood Center. Services included preparation of an architectural and building site evaluation report; preliminary assessment; asbestos, LBP; lead in drinking water, mold, radon, and PCB investigation report, utility investigation analysis, and a site feasibility report and conceptual site plans.



Charles Stebbins CPG, CHMM, LSRP Site Remediation

Charles is responsible for managing environmental programs including site assessments and characterization, remedial investigations, remedial action selection, and implementation of remedial actions. He brings an in-depth understanding of New Jersey's Licensed Site Remediation Professional program.

SELECTED EXPERIENCE

Direct Connection Interchange, NJDOT, Camden County, NJ. LSRP for this \$900-million federally funded interchange project that includes demolition of 15 homes, demolition of commercial properties, extensive utility coordination, extensive permitting, Green Acres coordination, asbestos and lead survey, UST removals, site investigation and site remediation.

Environmental Services Task Order Contracts, NJ TRANSIT, Various Locations, NJ. Task Manager and LSRP for three consecutive 3-year, \$5-million contracts. Responsible for preliminary assessment, site investigation, remedial investigation, remedial design, and remedial actions, including serving as LSRP, for facilities including rail and bus stations, bus storage and maintenance garages, railroad right-of-way areas, and properties proposed for possible acquisition. Led more than 30 tasks to date.

Site Environmental Consultant and Site Closure Services Term Contracts, NJ Schools Development Authority, Various Locations, NJ. Senior Geologist and LSRP for two task order contracts. LSRP at the Redshaw School in New Brunswick, supporting redevelopment of a site into a school property. Services for the site include the review of historical soil and groundwater data, installation and sampling of soil borings for both environmental and geotechnical data, installation and sampling of groundwater piezometers and test

pits, and integration of both current and historic subsurface investigation activities into a final conceptual site plan for the new school.

Passaic County Brownfields Assessment Program, Passaic County, NJ. Project Manager and LSRP responsible for EPA-funded Preliminary Assessment and Site Investigation services under the Passaic County Brownfields Assessment Program. Sites include the former Pyrolac site, a 2.45-acre, inactive manufacturing facility. Requires compliance with federal funding regulations.

Hazardous Waste Open-End Agreements, NJDOT, Statewide, NJ. Task Manager of 3-year, \$3-million agreements to provide hazardous waste investigation services in connection with properties proposed for acquisition, as part of facility construction and improvement programs, intersection upgrading, or highway construction projects. Performed underground storage tank (UST)-related soil and groundwater site assessments, preliminary assessments and site investigations, remedial investigations, remedial alternative analyses, remedial cost estimates, permitting, property acquisition support, and construction oversight and hazardous waste management.

Property Acquisition along Interchange 14A, New Jersey Turnpike Authority, Bayonne and Jersey City, NJ. LSRP, as a subconsultant, for hazardous waste screening and site investigation at commercial warehouse / distributor properties as well as NJDEP Known Contaminated Sites prior to acquisition for this interchange improvement project. Specific activities included site audits, environmental database reviews, review of available NJDEP project files.

EXPERIENCE HIGHLIGHTS

Participated in the development of NJDEP's Site Remediation Reform Act (SRRA)

EDUCATION

MS, Construction Management,
Stevens Institute of Technology, 1999

BA, Geology,
Rutgers University, 1991

REGISTRATIONS

Licensed Site Remediation Professional:
NJ

Certified Professional Geologist: US

Certified Hazardous Materials Manager:
US

Hazardous Waste Site Operations
Training, 40-Hour, OSHA: US; Annual
Refreshers

YEARS OF EXPERIENCE

Dewberry: 6

Prior: 16



Paul Manno

Reimbursement Compliance

Paul is a nationally recognized leader in the field of FEMA Public Assistance policy and operations. Having deployed on more than 40 disasters and served as a Deputy Public Assistance Officer on several them, he has expertise in FEMA compliant activities to support reimbursement.

EXPERIENCE HIGHLIGHTS

Recent support to NJDEP on the Superstorm Sandy Waterway Debris Removal Program

Accomplished with cost recovery

Experience from FEMA support on more than 40 disasters

EDUCATION

BS, Environmental Science, The University of North Carolina at Wilmington, 1992

YEARS OF EXPERIENCE

Dewberry: 18

Prior: 3

PUBLICATIONS

FEMA 325 Debris Management Guide (ongoing update)

Debris Management Brochure – FEMA 329

FEMA IS-630 Introduction to the Public Assistance Process

FEMA IS-631 Public Assistance Operations I

SELECTED EXPERIENCE

Project Management Contract for Superstorm Sandy Waterway Debris Removal, NJDEP, NJ. FEMA Compliance Manager on Dewberry's contract to support NJDEP in planning and managing a program to remove and monitor debris from waterways, while maximizing FEMA reimbursement. Supported the on-site project team with FEMA Public Assistance Program knowledge and experience, helping to verify that NJDEP maximized available FEMA grant funding. Interacted with FEMA, State Office of Emergency Management, NJDEP, and other disaster recovery stakeholders. Reviewed team processes and documents to best support NJDEP's FEMA eligibility position and provided guidance to project team, including NJDEP senior management, regarding possible outcomes and results of debris removal activities.

Tropical Storm Lee Disaster Recovery Borough of Middletown, PA, Recovery/Project Manager for \$300,000 recovery project for local jurisdiction following Tropical Storm Lee in Pennsylvania 2011. Led a diverse team of Technical Specialists to assist Middletown, PA, with federal disaster recovery grants, covering multiple federal grant programs. Total grants value for Middletown, PA, is approximately \$7,000,000 to-date.

Virginia Department of Emergency Management Public Assistance Support Contract for Hurricane Irene, Tropical Storm Lee, and the 2011 Virginia Earthquake, VA, Deputy Project Manager. Led a team of engineers, architects, and other professionals in support of the Commonwealth of Virginia's recovery from three federally-declared disasters in 2011. Served as the Deputy Public Assistance Officer for the Commonwealth, responsible for managing a staff of 30 Virginia Department of Emergency Management (VDEM) resources who worked to maximize the FEMA Public Assistance grants for the Commonwealth. Coordinated daily with FEMA management, as well as state and local stakeholders, recovering from the effects of Hurricane Irene, Tropical Storm Lee and the August Earthquake. Oversaw \$70,000,000 worth of grants for the Commonwealth and helped expedite the schedule for delivery of the grants.

National Infrastructure Support Services Technical Assistance Contract (NISTAC), FEMA, Nationwide, Quality Manager/Task Manager deployed on more than 40 federally declared disasters within the United States and its territories. Served as a technical advisor and debris specialist to FEMA following the September 11 terrorist attacks on the World Trade Center; Hurricanes Georges, Isabel, Lili, Charley, Frances, Ivan, Jeanne, Katrina, Rita, Gustav, Ike; multiple flooding events in West Virginia, Virginia, Arkansas, Kentucky, New York, Florida and Ohio. Also managed teams and served as a Program Advisor to FEMA on multiple events including Florida, Puerto Rico, Virginia and North Carolina.

EXPERIENCE ON PROJECTS OF A SIMILAR SIZE AND NATURE

The Dewberry team's track record of quality and performance providing identical services to those anticipated under TC-008 will be valuable to the success of the Blue Acres Buy-Out program. We bring the NJDEP/DPMC a unique combination with:

- A robust demolition portfolio;
- A long roster of accomplishments under Work-Order type contracts for federal and state agencies including New Jersey State agencies; and
- FEMA reimbursement support that is second to none.

Robust Demolition Portfolio

As demonstrated in Table 6 later in this section, we are well versed in the steps required to demolish structures. Our demolition consulting services typically include some or all, of the following:

- Project design services including development of project approach, scope of work, and work phasing
- Site surveys and inventories for asbestos, lead, PCBs, and other hazardous materials
- Regulatory coordination, permitting, approvals, and public outreach
- Development of construction contract documents including design specifications and plans for site control, asbestos abatement, hazardous material removal, utility termination/relocation/preservation, building separation, building component salvage, building demolition, waste management/disposal, and project documentation

- Contractor procurement including bidding, evaluation, negotiation, award, and/or subcontracting
- Abatement and demolition cost estimating
- Abatement and demolition project management and on-site project oversight services including safety oversight, air and noise monitoring, and waste characterization and material segregation for proper recycling to reduce project cost and disposal
- Transportation and disposal of contaminated media
- Comprehensive environmental investigation and clean-up services
- Project close-out services

Long roster of accomplishments under Work Order-type contracts for federal and state agencies including New Jersey State agencies

More than 85% of Dewberry's business comes from repeat clients, in many cases under general engineering and Work Order-type contracts. As demonstrated by the repeat contract awards in Table 7 later in this section, we excel at supporting federal and state governments on multiple, concurrent work orders. In addition to the selected contracts below, we were recently contracted by the DPMC to provide Professional Land Surveying Services to the NJDEP Green Acres Program—we look forward to our first Work Order under this contract.

FEMA reimbursement support that is second to none

With Dewberry, the NJDEP/DPMC will get the best, most practiced FEMA knowledge available. Dewberry personnel have administered millions of dollars in grant programs including, but not limited to:

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation Program (PDM)
- Flood Mitigation Assistance (FMA)
- Repetitive Flood Claims (RFC)
- Severe Repetitive Loss (SRL)
- Public Assistance

You can rely on our answers and guidance to start recouping money from FEMA and other potential funding sources, and doing so more quickly. We understand eligibility requirements—in fact in many cases Dewberry personnel wrote the programs and training courses that FEMA uses today. And, we know how to develop and follow through with accurate reporting that is crucial to reimbursement.

Table 6: Selected relevant demolition projects

OWNER CONTRACT CITY, STATE SUMMARY	Firm	Demolition Completed	Preliminary surveys and site investigations	Project scoping documents	Hazardous materials	Environmental compliance	Permit coordination and approvals	Site remediation and restoration	Design and bid specifications	Bid phase support	Construction oversight	Close-out documentation
General Services Administration, Peter W. Rodino Federal Building Modernization Newark, NJ Hazardous materials services for major interior demolition	GZA	•	•	•	•	•						
MTA-New York City Transit Fulton Transit Center New York, NY Hazardous materials services for demolition of five office buildings, and restoration of one office building	Dewberry	•	•	•	•	•	•		•	•	•	•
Mill Creek Residential, LLC Speedwell Avenue Redevelopment Morristown, NJ Demolition of six homes in Phase I with six homes planned for demolition in later phases	Dewberry	Phase I	•	•	•	•		•				
Naval Facilities Engineering Command (NAVFAC) Polaris Park and Dolphin Gardens New London and Groton, CT Demolition of 152 residences	Dewberry	•	•	•	•	•	•	•	•	•	•	•
New Jersey Department of Transportation Direct Connection Interchange Camden County, NJ Demolition of 15 homes, commercial properties	Dewberry	Phase I	•	•	•	•	•	•	•	•	•	•
New Jersey Schools Development Authority Redshaw Elementary School New Brunswick, NJ Demolition of school	Dewberry	•	•	•	•	•	•	•	•	•	•	•
New Jersey Schools Development Authority Woodrow Wilson School Elizabeth, NJ Demolition of school	Dewberry		•	•	•	•						

Table 6: Selected relevant demolition projects

OWNER CONTRACT CITY, STATE SUMMARY	Firm	Demolition Completed	Preliminary surveys and site investigations	Project scoping documents	Hazardous materials	Environmental compliance	Permit coordination and approvals	Site remediation and restoration	Design and bid specifications	Bid phase support	Construction oversight	Close-out documentation
New Jersey Turnpike Authority Interchange 8, New Jersey Turnpike East Windsor, NJ Demolition of eight homes, a toll plaza, Department of Public Works structures, pump station, gasoline station, and partial demolition of central shops facility	Dewberry	•	•		•	•	•	•	•	•	•	•
New York State Department of Transportation Tappan Zee Bridge Replacement Project Nyack, NY Demolition of 25 buildings	GZA		•	•	•	•	•	•	•	•	•	•
New York Yankees Yankee Stadium Bronx, NY Hazardous materials services for stadium demolition	GZA	•	•	•	•	•			•	•	•	•
PQ Corporation Plant 1 Demolition Rahway, NJ Demolition of twelve industrial structures, including 25 ASTs	GZA	•	•	•	•	•	•	•	•	•	•	•
St. Joseph's Regional Medical Center Master Plan Expansion Paterson, NJ Hazardous materials services for major interior demolition	GZA	•	•	•	•	•						
Sprague Meter Company Former Sprague Meter Facility Raymond, NH Accelerated demolition of 86,000SF highly contaminated facility	GZA	•	•	•	•	•	•	•	•	•	•	•
The Salvation Army Kroc Community Center Boston, MA Demolition of six multi-family apartment buildings and two industrial buildings	GZA	•	•	•	•	•	•	•	•	•	•	•

Table 7: Dewberry's selected experience with state and federal government Work Order type contracts

OWNER / CONTRACT FEE, TERM (Dewberry as Prime contractor unless noted otherwise)	Number of Task Orders	Repeat Contract Awarded to Dewberry	Preliminary surveys and site investigations	Project scoping documents	Hazardous materials	Environmental compliance	Permit coordination and approvals	Site remediation and restoration	Design and bid specifications	Bid phase support	Construction oversight	Close-out documentation
FEMA Public Assistance Technical Assistance Contracts 1982–present	800+	•	•	•	•	•						•
FEMA Hazard Mitigation Technical Assistance Contracts 1998–present, Prime Contractor since 2006	300+	•	•	•		•	•					•
MTA-NYC Transit Environmental Services \$10M for 2004–2009; \$7M for 2013–2018	27	•	•	•	•	•	•	•	•	•	•	•
NJDCA Reconstruction, Rehabilitation, Elevation and Mitigation (RREM) Program (subconsultant) Open end; 2013–present	58 sites	•	•	•			•		•	•	•	•
NJDEP Environmental Field Contractor Open-end; 2013–2016	147 sites		•	•	•	•	•					
NJDEP Floodplain Study Mapping Services \$1M ; 2011–2014	27			•								
NJDEP Remedial Design Services (subconsultant) \$4.3M (prime); 2013–2015	1					•	•	•	•	•	•	•
NJDEP Waterway Debris Management Project Manager \$9.1M; 2013	6		•	•	•	•	•				•	•
NJDOT Dam/Drainage Engineering \$3M; 2009–2012	19		•	•			•					

Table 7: Dewberry's selected experience with state and federal government Work Order type contracts

OWNER / CONTRACT FEE, TERM (Dewberry as Prime contractor unless noted otherwise)	Number of Task Orders	Repeat Contract Awarded to Dewberry	Preliminary surveys and site investigations	Project scoping documents	Hazardous materials	Environmental compliance	Permit coordination and approvals	Site remediation and restoration	Design and bid specifications	Bid phase support	Construction oversight	Close-out documentation
NJDOT Environmental Multi-Disciplinary Services \$3M per term for 2008–2011 and 2011–2014	10	•	•	•		•	•					
NJDOT Hazardous Waste Services \$3M per term for 2003–2006 and 2008–2011	19	•	•	•		•	•	•	•	•	•	•
NJDOT Remedial Services, Maintenance Facilities Open end under two contracts, 2006–present	4 sites					•	•	•	•	•	•	•
NJ Schools Development Authority \$8M for 2004–2009; \$3M for 2011–2014	6 sites	•	•	•	•	•	•	•	•	•	•	•
NJ TRANSIT Environmental Services \$5M per term for 2006–2009 and 2009–2012; \$4M for 2013–2015	49	•	•	•		•	•	•	•	•	•	•
NJ Turnpike Authority Remedial Services \$1M for 2006–2009; \$400,000 for 2008–2010; \$770,000 for 2009–2012	4 sites					•	•	•	•	•	•	•
Port Authority of NY/NJ Structural Engineering \$2M, 2012–2014	15	•	•	•	•	•	•		•	•		•
Port Authority of NY/NJ Civil Engineering \$3M, 2006–2012	35	•	•	•	•	•	•		•	•	•	•

Project History 1: Pre-Construction Services for NYC “Build It Back” Program

New York, New York

Dewberry is supporting the New York City Economic Development Corporation (NYCEDC), in partnership with the Mayor’s Office of Housing Recovery Operations (HRO), with pre-construction services related to the NYC Build it Back program. NYC Build it Back is a federally funded program to assist homeowners, landlords, and tenants in the five boroughs whose homes were impacted by Superstorm Sandy. The program is funded by US Department of Housing and Urban Development (HUD) Community Development Block Grant-Disaster Recovery (CDBG-DR) funds. The City received more than 20,000 applications, including both single- and multi-family residences.

We have worked with the HRO, HUD, New York City Department of Housing Preservation and Development, NYC Housing Authority, and a multi-agency stakeholder group in the development of this unprecedented program. For each application, Dewberry is responsible for:

- inspecting residences to assess the level of damage incurred;



CLIENT

New York City Economic Development Corporation, in partnership with the Mayor’s Office of Housing Recovery Operations (HRO)

CONTACT

Joe Christo
NYC Mayor’s Office of HRO
250 Broadway, 24th Floor
New York, NY
212.615.8039
jchristo@recovery.nyc.gov

PROFESSIONAL FEE

\$12,000,000

STATUS

Ongoing, 2013–2015

SERVICES

Preliminary surveys and site investigations
Hazardous materials
Environmental compliance
Permit coordination and approvals
Close-out documentation

KEY PERSONNEL

Thomas Cumello
Steve Eget
E. Maclay Gearhart
James Heeren
Ileana Ivanciu
Clark Lassiter
Corey Nachshen
Brett Peskin
Scott Wieczorek

Pre-Construction Services for NYC “Build It Back” Program (continued)

- estimating cost to complete rehabilitation (including the development and implementation of appropriate strategies to address resiliency or mitigate environmental concerns); and
- conducting environmental review to clear the projects for the use of federal funds.

The scope of our investigations and cost estimating includes asbestos, lead-based paint, hazardous materials, and hazardous waste. Asbestos work is conducted in compliance with New York State Department of Labor and New York City Department of Environmental Protection guidance. Lead work is conducted in compliance with HUD Title VII and Title X. Hazardous waste work is conducted in compliance with New York State Department of Environmental Conservation guidance.

Environmental review is required for historic preservation (including archaeology), floodplain and coastal zones, wetlands, endangered species, air quality, noise, hazardous materials and waste, and environmental justice, among other categories.

The Program's success will be defined by efficiently making awards to applicants and completing construction while maximizing the impact of available funding. We developed and refined a process flow to support accurate inspections and cost estimates, as well as environmental review that complies with the long roster of environmental acts and regulations required for federally funded projects. We worked with the Program's multiple stakeholders to develop processes and documentation that is consistent with HUD requirements, working with NYC Office of Management and Budget to verify that our environmental review and cost estimating processes are fully compliant.

We are leveraging the power of cloud-based and GIS-based data management to streamline inspection, cost estimating, and environmental reviews and to facilitate processing the large volume of applications and data collected. City agencies and HUD can review project materials online in a paperless environment, for reference and auditing purposes.



Project History 2: Speedwell Redevelopment

Morristown, New Jersey

Dewberry has supported the Town of Morristown and its designated redeveloper, Mill Creek Residential Trust, with redevelopment of 12 acres of property in downtown Morristown where blighted properties and residential structures were demolished to be replaced with 700 apartments, 60,000+ square feet of commercial space, and green spaces. Our scope of work includes:

- Site evaluation
- Site investigation, including Phase I Environmental Site Assessments for individual properties to be demolished
- Survey
- Concept plans
- Preliminary design
- Asbestos/lead/hazardous building material survey
- Final design, including plans and specifications (site)
- Site/civil engineering
- Utility engineering (natural gas, water, sewer, electric, phone, cable)
- Traffic engineering
- Landscape architecture
- Permitting
- Soil and groundwater remediation
- Construction oversight (site)
- Public outreach



"[The team's] commitment to working cooperatively with the town and community stakeholders was a key factor in allowing for a smooth approval process. This was a true collaborative effort to achieve a well-designed development that will complement Morristown's unique character."

—Tim Dougherty, Mayor
Township of Morristown

CLIENT

Mill Creek Residential Trust LLC

CONTACT

Richard Murphy
Mill Creek Residential Trust LLC
135 US Highway 202 206
Bedminster, NJ 07921
908.234.1382
rmurphy@mcrtrust.com

PROFESSIONAL FEE

\$1,000,000

STATUS

Under Construction

SERVICES

Preliminary surveys and site investigations
Project scoping documents
Hazardous materials
Environmental compliance
Permit coordination and approvals (site)
Site remediation and restoration
Design and bid specifications (site)
Bid phase support (site)
Construction oversight (site)
Close-out documentation (site)

KEY PERSONNEL

Steven Benosky
Peter Black
Christopher Cirrotti
Thomas Cumello
Steven Eget
James Heeren
Kenneth Lund-Pearson
Mario Iannelli
Michael Ince
Ileana Ivanciu
Rocco Marucci
Corey Nachshen
William Pendexter
Brett Peskin
Daniel Rocha

Speedwell Redevelopment (continued)

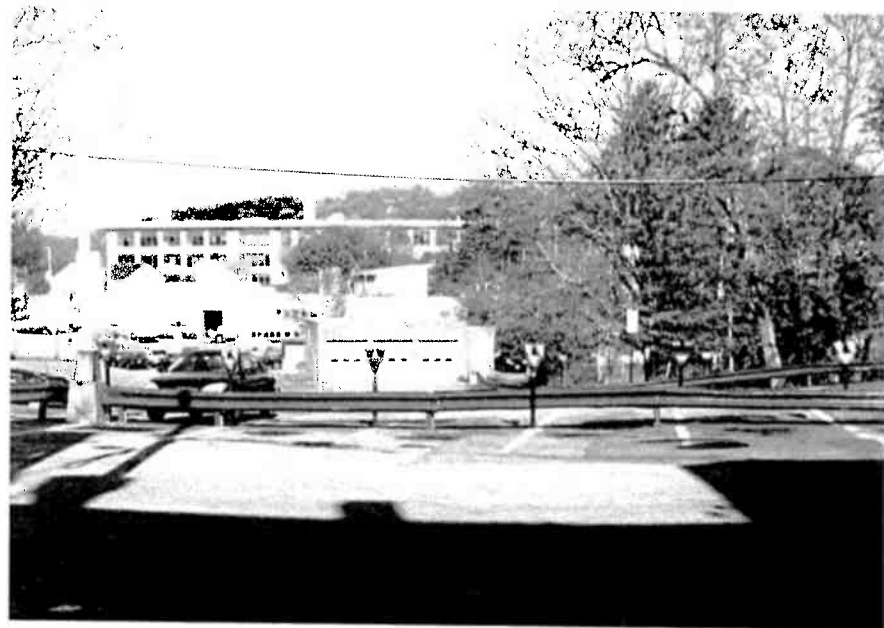
Phase I of the redevelopment is currently being constructed where six homes were demolished in 2013. Six additional homes are planned for demolition in future phases. Prior to demolition, Dewberry was responsible for surveying the homes for asbestos, lead, and hazardous materials. Phase I also included demolition of a former municipal Department of Public Works (DPW) which we sampled for asbestos, lead,

and hazardous materials. At the DPW, where previous releases from USTs have contaminated the groundwater, we conducted site and remedial investigations and, as LSRP, are responsible for a groundwater monitoring program in compliance with NJDEP regulations.

For the site development, Dewberry was responsible for concept planning, site planning, final design,

preparation of plans and specifications, bid support services, and construction administration.

We designed the project to include green infrastructure to minimize the burden on Morristown's storm sewer system as well as the risk for non-point source water pollution by using non-structural stormwater management systems that are integrated with planted areas and greenways.



Project History 3: Direct Connection Interchange

Camden County, New Jersey

"This project charted new territory in the New Jersey portion of our region, and possibly in the state, by bringing together planners, engineers, resource and permit agency representatives early and often as a means of producing an environmental document and a preferred alternative in a fully collaborative effort. The viewpoints of various disciplines were sought much earlier in the process than is typical. The streamlining of the process in no way diminished the consideration of natural and human resources. Nor did it allow engineering considerations to advance in a vacuum. On the contrary, the early consideration of all of these perspectives has led to a very balanced consideration of all resources and means of addressing the purpose and need of this improvement project. We commend NJDOT and FHWA on this study and look forward to the advancement of this project as a means of implementing the regions' long range plan."

—Barry Seymour, Executive Director
Valley Regional Planning Commission

Dewberry is supporting the State of New Jersey with the feasibility analysis, Environmental Impact Statement, preliminary and final design, permitting, construction oversight, and public outreach for the \$900-million reconstruction of the I-295/I-76/Rt. 42 Interchange in Camden County. The largest project undertaken by the NJDOT to date, the interchange reconstruction requires elements including:

- demolition of 15 homes
- demolition of commercial properties
- extensive utility coordination (Aqua America, Atlantic City Electric, Comcast Cable, New Jersey American Water, South Jersey Gas Company, PSE&G, Verizon Communications, United Water, 20 sewer utilities, 12 water utilities)
- extensive permitting including NJDCA, NJDEP, US Army Corps of Engineers, and US Environmental Protection Agency, US Coast Guard, and US Fish & Wildlife Service
- Green Acres coordination
- asbestos, lead, and UST survey and abatement/remediation design and oversight (including LSRP services)
- site preparation including work plans, health & safety, and mobilization
- demolition including capping and rerouting of utilities, abatement and demolition sequencing, buildings, tanks, and miscellaneous site work
- site restoration including final site grading and stormwater management

CLIENT

New Jersey Department of Transportation

CONTACT

John McCleery
New Jersey Department of Transportation
1035 Parkway Avenue
Trenton, NJ 08625
609.530.2443#6
john.mccleery@dot.state.nj.us

CONSTRUCTION COST

\$900,000,000

STATUS

Under Construction

SERVICES

Preliminary surveys and site investigations
Project scoping documents
Hazardous materials
Environmental compliance
Permit coordination and approvals
Site remediation and restoration
Design and bid specifications
Bid phase support
Construction oversight
Close-out documentation

KEY PERSONNEL

Steven Benosky
Peter Black
Thomas Cumello
Steve Eget
Brock Giordano
James Heeren
Ileana Ivanciu
S. Andy Kamilaris
Clark Lassiter
Corey Nachshen
Ken Lund Pearson
William Pendexter
Brett Peskin
Daniel Rocha
Charles Stebbins

Direct Connection Interchange (continued)

- extensive community outreach program spanning the life of the project
- compliance with all federal regulations for this federally funded project

Dewberry was responsible for supporting the state in scoping the project to evaluate all of the potential impacts of proposed concepts. Coordination and communication with the surrounding communities and regulatory agencies was paramount in the consensus building required to make the necessary decisions on this regionally significant project. The Environmental Impact Statement prepared by Dewberry

was accepted by the federal government in 2009, and in 2011 the National Association of Environmental Professionals honored the project with its Excellence Award for Planning Integration, recognizing Dewberry's contribution to facilitating this project, despite the challenges of impacts to the community, natural, and cultural resources.

Following preparation of bid packages, we are responsible for bid phase services included pre-bid meeting, responding to contractor questions, issuance of bid addendum, bid review, and recommendation for contractor selection. Prior to demolition activities, we

prepared numerous environmental permits, NJDCA permits and the Soil Erosion and Sediment Control Plan. Dewberry is also responsible for construction phase services. LSRP services included a Remedial Action Workplan for remediation and oversight of a Green Acres mitigation parcel.

The project is conceived to improve safety and reduce traffic while addressing quality-of-life issues for residents, and the environment. It is located in the municipalities of Bellmawr, Mt. Ephraim, and Gloucester City, and has regional impacts from Philadelphia to the Jersey Shore.



Project History 4: The Salvation Army Kroc Community Center of Boston, Dudley Street Dorchester, Massachusetts

GZA was retained to perform design and demolition services associated with the complete demolition and removal of two city blocks in Dorchester, Massachusetts, a neighborhood of Boston, which included two existing industrial buildings, one 21,000-square-foot and 9,500-square-foot structures, as well as six multi-family residential apartment buildings. This project was undertaken in advance of constructing the new Kroc Community Center and performed on a firm fixed-price basis with an extremely accelerated schedule—four months from project scoping to restoration. To meet this tight timeframe, GZA undertook this project on a turn-key basis and served as the construction manager for the project.

Work included performing a demolition-level asbestos and hazardous materials survey, permitting and local approvals, preparation of technical specifications, contract administration, and contractor oversight. Additional services included community outreach, security and inventory, and management of salvageable materials within all the structures.

Work included removal and characterization of hazardous materials remaining in the buildings, removal of asbestos containing materials, and demolition and processing of all building materials, including removal of foundations and footings. Demolition waste was segregated, characterized and disposed of at properly permitted disposal facilities. Also following



"I am sure that not many of your clients have challenged GZA with projects with the magnitude presented by The Army over the past three years—over 1,000 site visits in 11 states. The professionalism of your team members has been nothing less than sterling. So much so that we have seen fit to entrust all of our activities in your good and capable hands."

—Samuel C. Bennett, Risk Manager
The Salvation Army

CLIENT

The Salvation Army

CONTACT

Major Steven A. Lopes, Administrator
The Salvation Army

Ray and Joan Kroc Corps Community Center
650 Dudley Street
Dorchester, MA 02125

617.318.6911
steven.lopez@use.salvationarmy.org

CONSTRUCTION COST

\$33,000,000

STATUS

Statement Complete

SERVICES

Preliminary surveys and site investigations
Project scoping documents
Hazardous materials
Environmental compliance
Permit coordination and approvals
Site remediation and restoration
Design and bid specifications
Bid phase support
Construction oversight
Close-out documentation

KEY PERSONNEL

John Murphy
Stephen Raymond

The Salvation Army Kroc Community Center of Boston, Dudley Street (continued)

demolition, the former basement and foundation areas were backfilled with imported fill, graded, and compacted. Work also included remediation activities including excavation, removal, and disposal of three underground solvent and gasoline tanks and one No. 6 oil tank located in a below grade vault. Contaminated soil associated with releases from the tanks was delineated and remediated during demolition

activities, and disposed of offsite. Approximately 180 tons of lead-impacted soil were also excavated and disposed of offsite.

GZA later provided geotechnical and environmental services for the state-of-the-art community center subsequently constructed by The Salvation Army. Services included subsurface explorations and a preliminary geotechnical report. GZA conducted

additional explorations, analyses and a final report, as well as a Phase I environmental site assessment and additional services under the Massachusetts Contingency Plan.

This demolition program paved the way for the 90,000-square-foot Kroc Community Center of Boston, the largest social service development center in New England.



Project History 5: PQ Corporation Plant No. 1 Demolition

Rahway, New Jersey

GZA is providing comprehensive environmental engineering consulting—including LSRP, hazardous materials investigations and demolition services—to PQ Corporation (PQ) at one of its active manufacturing Sites in New Jersey as the company complies with Industrial Site Recovery Act (ISRA) and NJDEP requirements.

PQ is a specialty inorganic performance chemicals manufacturer. To close this ISRA case, as well as to increase the value of the property for potential sale, PQ elected to demolish the portion of the plant that is no longer in use (Plant 1), with buildings dating from 1918 and including 12 structures, 25 ASTs, a furnace, abandoned industrial spaces, rail spur, process piping

racks, and all associated foundations. GZA has been providing LSRP services at the site for several years, and enlarged the project team to provide the hazardous materials investigation and demolition services required.

GZA provided pre-demolition surveys for ACM, PCBs, and lead paint, as well as a hazardous materials inventory (HMI) of all tanks and former production areas. Project scoping activities included a review of existing Plant 1 building plans and documents, utility investigation, as well as an evaluation of furnace and regenerator demolition feasibility. Based on the results



CLIENT

PQ Corporation

CONTACT

Joe Dotson
PQ Corporation
PO Box 840
Valley Forge, PA 19482
484.868.3366
joe.dotson@pqcorp.com

COST

\$2,638,000

STATUS

Under Construction

SERVICES

Preliminary surveys and site investigations
Project scoping documents
Hazardous materials
Environmental compliance
Permit coordination and approvals
Site remediation and restoration
Design and bid specifications
Bid phase support
Construction oversight
Contract Administration
Close-out documentation (pending)

KEY PERSONNEL

James Bellew
Rebecca Cox
Marc Hudock
John Murphy
Stephen Raymond
James Restaino
Christopher Pierce
Steven Roland
Benjamin Sallemi

PQ Corporation Plant No. 1 Demolition (continued)

of the pre-demolition material survey and review work completed, GZA developed technical specifications for:

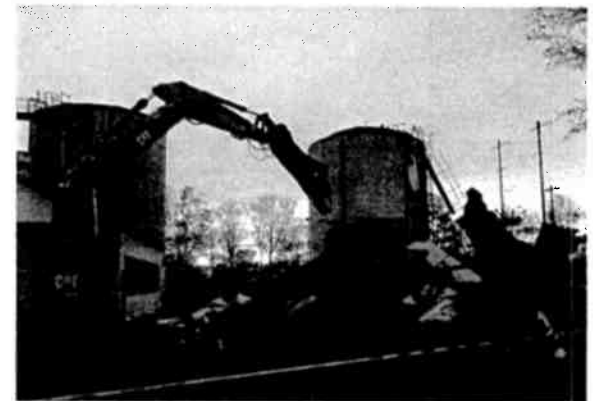
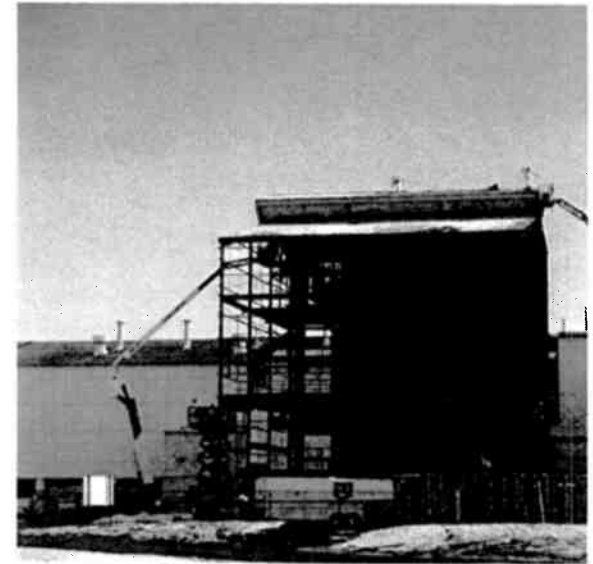
- Site preparation including work plans, health & safety and mobilization;
- Hazardous materials abatement including ACM, PCB paint, lead paint and miscellaneous hazardous materials;
- Demolition including capping and rerouting of utilities, abatement and demolition sequencing, buildings, tanks and rail lines and miscellaneous site work required to meet the needs of PQ;
- Environmental remediation for contaminated soils; and
- Site restoration including final site grading and storm water management.

Bid packages incorporating the technical specifications were assembled into an RFP and distributed to three pre-qualified demolition contractors. Bid phase services included site walk-through, responding to contractor questions, issuance of a bid addendum, bid review, interviews and recommendation to PQ for contractor selection. Prior to demolition activities commencing, GZA also prepared and obtained all permits including the Soil Erosion and Sediment Control Plan from the Freehold Soil Conservation District, prepared a

PCB Paint Removal Work Plan, and local demolition permits required by Woodbridge Township. While most of the structures slated for demolition are in an abandoned area of the site, one building is in an active area requiring special health and safety planning, abatement/demolition sequencing, and coordination with PQ.

GZA is now providing Contract Administration and Construction Oversight Services for the client. Work encompasses a field staff of over 25, typically 15 pieces of demolition equipment and is expected to take approximately nine months to complete. Following demolition, the basements will be backfilled and the site re-graded with crushed concrete recycled from the on-site buildings in accordance with a Beneficial Re-Use approval obtained by GZA from the NJDEP. All disturbed areas will be filled, graded, and compacted. GZA will prepare close-out documentation at project completion.

GZA has worked closely with the NJDEP throughout the project, including participating in a Technical Consultation during the development of the Remedial Action Workplan for LSRP activities. GZA has also completed all demolition-related activities on an accelerated schedule to meet PQs needs.



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Steven Eget, PE

TITLE Program Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ; \$9,100,000 (fee)	Dewberry	Program Management	Hazardous Materials Subject Matter Expert, Health & Safety	4	15%	3/2013–7/2013	NJDEP Jane Kozinski 609.292.2795
MTA-NYC TRANSIT ENVIRONMENTAL WORK ORDER CONTRACT CM-1518, New York, NY \$7,000,000 (fee max)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	5	10%	07/13–12/13	MTA-NYC Transit Thomas Abdallah 646.252.3500
NYC DEPARTMENT OF DESIGN+ CONSTRUCTION ENVIRONMENTAL WORK ORDER CONTRACT, New York, NY; \$2,500,000 (fee)	Weston	Investigations, Scoping, Design, Permitting, Construction Phase Services	Program Manager	31	25%	1/2009–7/2011	NYC DDC Rebecca Tummon 718.391.1799
MULTI-DISCIPLINARY ENGINEERING ON-CALL CONTRACT, Various Locations, CT; \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Program Manager	12	20%	10/2012–11/2013	Steep Hill Renewables Inc. Noel Lafayette 203.252.7160
WASTE MANAGEMENT WORK ORDER CONTRACT, Statewide, PA; \$1,500,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager	29	15%	7/2011–12/2013	PennDOT David Condo 717.772.0831
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ; \$3,000,000 (fee max)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager	17	15%	7/2011–12/2012	NJ TRANSIT Hope DuBois 973.491.7516
MTA-NYC TRANSIT ENVIRONMENTAL WORK ORDER CONTRACT CM-1182, New York, NY; \$3,000,000 (fee)	Weston	Investigations, Scoping, Design, Permitting, Construction Phase Services	Program Manager	48	25%	6/2003–5/2007	MTA-NYC Transit Thomas Abdallah 646.252.3500

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Peter Black, PE, CME

TITLE Deputy Project Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PORT AUTHORITY OF NY/ NJ CIVIL ENGINEERING CALL-IN, New York/New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Project Manager	100+	40%	1/1999–01/2012	Port Authority NY/NJ Scott Murrell 973.792.4327
DRAINAGE TERM CONTRACT, NJDOT, Statewide, NJ; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Public Outreach	Project Manager	36	20%	6/2009–6/2012	NJDOT Tom Saylor 609.530.2739
SPEEDWELL REDEVELOPMENT, Morristown, NJ; \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Quality Assurance Manager	93	5%	3/2006–present	Mill Creek Residential Richard Murphy 908.234.1382
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ; \$19,250,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Senior Civil Engineer	37	15%	9/2008–11/2011	NJ Turnpike Authority John Keller 732.750.5300 x8263
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ; \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	16	20%	11/2010–3/2012	DPMC Anthony Mazzella 609.203.5593
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager – Utilities	49	10%	11/2009–present	NJDOT John McCleery 609.530.2466
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ; \$300,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager - Utilities	19	10%	01/2009–07/2010	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Christopher Cirrotti, PE, PP, CME, LEED AP BD+C

TITLE Principal-in-Charge

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Principal-in-Charge	24	<5%	1/2012–present	Mill Creek Residential Richard Murphy 908.234.1382
SITE CLOSURE SERVICES TERM CONTRACT, REDSHAW SCHOOL, New Brunswick, NJ \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Lead Senior Engineer	26	5%	11/2011–12/2013	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
VIRTUA GREENFIELD HOSPITAL CAMPUS, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	70	25%	7/2005–5/2011	Virtua Jim Rivard 856.355.0922
JERSEY SHORE UNIVERSITY MEDICAL CENTER EXPANSION, Neptune, NJ \$300,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	56	25%	1/2005-7/2009	Meridian Health Charles Buboltz 732.751.3366
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Principal-in-Charge	15	5%	9/2012–present	Jonathan Rose LLC Paul Woody 917.542.3600
MOUNTAIN CREEK ON- CALL CIVIL ENGINEERING AND SITE PLANNING SERVICES Vernon, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Principal-in-Charge	37	5%	11/2010–present	Mountain Creek Development Dale Piersin 973.827.3088
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Principal-in-Charge	14	5%	10/12–present	Wayne Township Board of Education John Maso 973.633.3000

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Steven Roland, PE

TITLE GZA Team Manager/Plans and Specifications

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Environmental investigation/ remediation; Demolition- technical specifications, SESC permit and final site restoration plan	Senior Consultant	6	5%	7/2013–present	PQ Corporation Joe Dotson 484.868.3366
AWT CARBON TANK PRE-DEMOLITION DECOMMISSIONING, Bound Brook, NJ; \$500,000 (construction)	O'Brien & Gere	Bid specifications, bid services, contract administration and construction management	Program Director	6	10%	4/2011–10/2011	Pfizer Vince D'Aco 973.340.9808
PICATINNY ARENAL ASBESTOS SURVEY, Rockaway Twsp. NJ \$1,250,000 (fee)	O'Brien & Gere	Asbestos survey and management plans	Project Officer	12	25%	9/1992–9/1993	USACE, NY Division Nicholas Mastriakas 212.264.0223
CONFIDENTIAL AUTOMOTIVE MANUFACTURER, Multiple Sites, Nationwide; \$1,500,000 (fee)	O'Brien & Gere	Pre-demolition assessment, bid specification, permitting, construction management	Executive Officer	36	5%	1/2006–12/2008	N/A
CONFIDENTIAL RESIN MANUFACTURER, Multiple Sites, Nationwide; \$20,000,000 (construction)	O'Brien & Gere	Decommissioning/demolition program-multiple sites; specifications, permitting and oversight	Project Officer	24	35%	1/1989–12/1990	Confidential Client David Bright 919.550.2200
AMERICAN CYANAMID SUPERFUND SITE, Bound Brook, NJ; \$100,000,000 (construction)	O'Brien & Gere	Site investigations; project scoping; permitting; remedial design specifications; bid services; contractor oversight	Program Director	180	25%	1/1995–12/2010	Wyeth Stephen Tasher, Esq. 973.951.4204
TANKPORT INVESTIGATION REMEDIATION, Jersey City, NJ; \$550,000 (fee)	O'Brien & Gere	Site investigations; project scoping; permitting; remedial design specifications; bid services; contractor oversight	Project Officer	36	15%	1/1993–12/1996	Pittston Chris Meyering, Esq. 203.979.6640

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Ileana Ivanciu, PhD, PG

TITLE Quality Assurance Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management	Principal-in-Charge	9	10%	03/2013–present	NJDEP Jane Kozinski 609.292.2795
NYC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ; \$12,000,000 (fee)	Dewberry	Investigations, Scoping	Environmental Principal	4	10%	8/2013–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
NJDOT DEBRIS MANAGEMENT POST- SANDY Various Locations, NJ \$155,000 (fee)	Dewberry	FEMA Reimbursement Compliance Support	Principal-in-Charge	6	5%	11/2012–05/2013	NJDOT Timothy Steinbeiser 609.530.4293
SITE ENVIRONMENTAL CONSULTANT AND SITE CLOSURE SERVICES TERM CONTRACT, REDSHAW SCHOOL, New Brunswick, NJ \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Principal-in-Charge	24	10%	01/2007–present	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
NJDOT ENVIROMENTAL MULTI-DISCIPLINARY TERM CONTRACT, Statewide, NJ \$3,000,000 max fee/term	Dewberry	Investigations, Scoping, Design, Permitting, Public Outreach	Principal-in-Charge; Quality Assurance Management	69	10%	03/2008–present	NJDOT Elkins Green 609.530.8075
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Deputy Project Manager	134	10%	10/2000–present	NJDOT John McCleery 609.530.2466
MARCAL PLANT ASBESTOS SERVICES, Elmwood Park, NJ \$75,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Principal-in-Charge, Quality Assurance Manager	7	20%	01/2013–08/2013	Soundview Paper Company Ed Knapick 201.796.4000

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME John Murphy, CHMM

TITLE Quality Assurance Manager

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management	Principal in Responsible Charge of all activities	6	5%	6/2013–present	PQ Corporation Joe Dotson 484.868.3366
KROC CENTER DEMOLITION, Dorchester, MA; \$1,800,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, regulatory closeout	Principal in Responsible Charge of all activities	36	20%	9/2006–9/2012	The Salvation Army Steven A. Lopes, Major 617.318.6911
RESIDENTIAL WAREHOUSE BUILDING DEMOLITION, Utica, NY; \$1,100,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, regulatory closeout	Principal in Responsible Charge of all activities	4	15%	9/2007–12/2007	The Salvation Army Alistair Fraser 908.851.8367
FORMER DORR WOOLEN MILL COMPLEX DEMOLITION, Newport, NJ; \$1,600,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, regulatory closeout	Principal in Responsible Charge of all activities	5	15%	8/2009–12/2009	Sturm, Ruger & Co., Inc. Randal Wheeler 603.896.2036
FORMER MICA FACTORY/ RESIDENTIAL BUILDING DEMOLITION, Bristol, NH; \$280,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, site remediation, regulatory closeout	Principal in Responsible Charge of all activities	24	10%	9/2007–1/2009	Town of Bristol Michael Capone 603.774.3354
FORMER SANMINA FACILITY DEMOLITION AND REMEDIATION, Derry, NH; \$1,100,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, regulatory closeout	Principal in Responsible Charge of all activities	7	10%	5/2006–11/2006	Sanmina Corp. Jafar Salimi 603.896.2036
DEMOLITION & CLEAN-UP OF FIRE DAMAGED BATTERY STORAGE BUILDING, Kahuku, HI; \$1,600,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, regulatory closeout	Principal in Responsible Charge of all activities	5	15%	12/2012–4/2013	First Wind Energy Ryan Pierce 808.347.0792

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Thomas Cumello, PG

TITLE Health & Safety Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ; \$9,100,000 (fee)	Dewberry	Program Management	Hazardous Materials Subject Matter Expert, Health & Safety	9	10%	3/2013–12/13	NJDEP Jane Kozinski 609.292.2795
NYCEDC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ; \$12,000,000 (fee)	Dewberry	Investigations, Scoping	Health & Safety Manager	4	10%	8/13–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
NJDOT DEBRIS MANAGEMENT POST-SANDY Various Locations, NJ; \$155,000 (fee)	Dewberry	FEMA Reimbursement Compliance Support	Health & Safety Manager, Environmental Specialist	6	50%	11/2012–05/2013	NJDOT Timothy Steinbeiser 609.530.4293
SITE ENVIRONMENTAL CONSULTANT SITE CLOSURE SERVICES, New Brunswick, NJ; \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Health & Safety Manager, Environmental Specialist	24	10%	01/2007–02/2009	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
FEMA HMTAP SUSTANTIAL DAMAGE ASSESSMENTS, Jersey Shore Counties, NJ; \$4,100,000 (fee)	Dewberry	Investigations, Scoping	Environmental Specialist	16	20%	05/2013–08/2013	FEMA Freda McDonald 202.646.3076
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Environmental Health & Safety Manager	41	10%	12/09–05/13	NJDOT John McCleery 609.530.2466
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ; \$19,250,000 (fee)	Dewberry	Investigations, Design, Construction Phase Services	Environmental Health & Safety Manager, Hazardous Materials Specialist	19	5%	07/08–02/10	NJ Turnpike Authority John Keller 732.750.5300 x8263

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Steven Benosky, PE

TITLE Work Order Manager/Plans and Specifications

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PORT AUTHORITY OF NY/ NJ CIVIL ENGINEERING CALL-IN, New York/New Jersey; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Task Manager/ Senior Engineer	84	20%	01/2005–01/2012	Port Authority NY / NJ Scott Murrell 973.792.4327
DRAINAGE TERM CONTRACT, NJDOT, Statewide, NJ; \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Public Outreach	Project Engineer	36	20%	6/2009–6/2012	NJDOT Tom Saylor 609.530.2739
GREYSTONE DAM REPAIR AND REMOVAL, Morris County, NJ; \$305,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	29	15%	10/2006–12/2008, 10/2011–01/2012	NJ Economic Development Authority Thomas Catapano 609.292.1583
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ; \$19,250,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Senior Civil Engineer	37	15%	9/2008–11/2011	NJ Turnpike Authority John Keller 732.750.5300 x8263
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ; \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Engineer	16	20%	11/2010–3/2012	DPMC Anthony Mazzella 609.203.5593
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Senior Civil Engineer	49	10%	11/2009–present	NJDOT John McCleery 609.530.2466
SPEEDWELL REDEVELOPMENT, Morristown, NJ; \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Senior Civil Engineer	15	10%	04/2011–07/2012	Mill Creek Residential Richard Murphy 908.234.1382

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME James Heeren, PE, ENV SP

TITLE Work Order Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ; \$9,100,000 (fee)	Dewberry	Program Management	Environmental and Historic Preservation (EHP) Lead	6	45%	05/2013–11/2013	NJDEP Jane Kozinski 609.292.2795
NJDOT STATE CHANNELS DEBRIS REMOVAL, Statewide, NJ; \$850,000 (fee)	Dewberry	Program Management, FEMA Reimbursement Compliance Support	Project Manager	2	70%	11/2013–present	NJDOT Genevieve Clifton 609.530.4770
DIRECT CONNECTION INTERCHANGE, Camden County, NJ; \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Environmental Task Manager	129	10%–75%	03/2002–present	NJDOT John McCleery 609.530.2466
JERSEY SHORE UNIVERSITY MEDICAL CENTER EXPANSION, Neptune, NJ; \$300,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Environmental Task Manager	12	10%	01/2006–01/2007	Meridian Health Charles Buboltz 732.751.3366
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ; \$3M max/term	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Quality Assurance Manager	36	10 %	01/2006–present	NJ TRANSIT Hope DuBois 973.491.7516
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ; \$7,700,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Task Manager	62	5%–50%	10/2008–12/2013	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821
SPEEDWELL REDEVELOPMENT, Morristown, NJ; \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Environmental Task Manager	9	10%	09/2007–11/2011 (not continuous)	Mill Creek Residential Richard Murphy 908.234.1382

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Mario Iannelli, PE

TITLE Work Order Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
SPEEDWELL REDEVELOPMENT, Morristown, NJ; \$1,000,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	37	15%	11/2010–present	Mill Creek Residential Richard Murphy 908.234.1382
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ; \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	15	10%	09/2012–present	Jonathan Rose LLC Paul Woody 917.542.3600
CHILTON HOSPITAL MASTER PLAN IMPLEMENTATION, Pompton Lakes, NJ; \$250,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	37	10%	11/2010–present	Chilton Hospital Edward Lubash 973.831.5000
MOUNTAIN CREEK ON-CALL CIVIL ENGINEERING AND SITE PLANNING SERVICES Vernon, NJ; \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	37	5%	11/2010–present	Mountain Creek Development Dale Piersin 973.827.3088
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ; \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Program Manager	14	5%	10/2012–present	Wayne Township Board of Education John Maso 973.633.3000
MILLBURN PARKING GARAGE REDEVELOPMENT, Millburn, NJ; \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Project Manager	24	10%	02/2011–08/2013	TimHaahs & Associates James Zullo 732.253.0690
ST. PETERS UNIVERSITY HOSPITAL ON-CALL CIVIL ENGINEERING SERVICES, New Brunswick, NJ; \$160,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	32	10%	04/2011–present	St. Peter's University Hospital Robert Mulcahy 732.745.8600

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Corey Nachshen

TITLE Work Order Manager

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management	Hazardous Materials Specialist	3	20%	04/2013–07/2013	NJDEP Jane Kozinski 609.292.2795
NYC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ; \$12,000,000 (fee)	Dewberry	Investigations, Scoping	Hazardous Materials Specialist	5	15%	7/2013–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Investigations, Scoping	Hazardous Materials Specialist	4	30%	06/2012–10/2012	Mill Creek Residential Richard Murphy 908.234.1382
SITE ENVIRONMENTAL CONSULTANT AND SITE CLOSURE SERVICES TERM CONTRACT, REDSHAW SCHOOL, New Brunswick, NJ \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Project Manager	25	10%	11/2011–present	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
MARCAL PLANT ASBESTOS SERVICES, Elmwood Park, NJ \$75,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Project Manager	7	20%	01/2013–08/2013	Soundview Paper Company Ed Knapick 201.796.4000
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Hazardous Materials Task Leader	24	10%	01/2012–12/2013	NJDOT John McCleery 609.530.2466
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ \$19,250,000 (fee)	Dewberry	Investigations, Design, Construction Phase Services	Hazardous Materials Task Leader	19	5%	07/2008–02/2010	NJ Turnpike Authority John Keller 732.750.5300 x8263

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Brett Peskin, PE

TITLE Work Order Manager/Reimbursement Compliance

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
FEMA HMTAP SUSTANTIAL DAMAGE ASSESSMENTS, Jersey Shore Counties, NJ \$4,100,000 (fee)	Dewberry	Investigations, Scoping	Field Inspector	16	20%	05/2013–08/2013	FEMA Freda McDonald 202.646.3076
HURRICANE IRENE AND TROPICAL STORM LEE PUBLIC ASSISTANCE (NISTAC CONTRACT) New York State, NY \$185,000,000 (fee)	Dewberry	Investigations, Scoping, Cost Estimating	Project Specialist	8	100%	10/2011–06/2012	FEMA Eddie Murphy 202.646.2776
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting	Senior Engineer	21	10%	08/2009–05/2011	Mill Creek Residential Richard Murphy 908.234.1382
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Engineer	16	10%	11/2010–3/2012	DPMC Anthony Mazzella 609.203.5593
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ \$19,250,000 (fee)	Dewberry	Investigations, Design, Construction Phase Services	Senior Engineer	19	5%	01/2009–06/2010	NJ Turnpike Authority John Keller 732.750.5300 x8263
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Engineer	12	10%	03/2010–05/2013 (not continuous)	NJDOT John McCleery 609.530.2466
VIRTUA GREENFIELD HOSPITAL CAMPUS, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Project Manager	70	25%	07/2007–02/2011	Virtua Jim Rivard 856.355.0922

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Brock Giordano, RPA

TITLE Archaeology

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management, Construction Inspection	Archaeologist	9	25%	03/2013–present	NJDEP Jane Kozinski 609.292.2795
NJDEP ENVIRONMENTAL ASSESSMENT FIELD CONTRACTOR, Statewide, NJ Open-End Contract	Dewberry	Investigations, Project Documentation	Archaeologist	3	15%	09/2013–12/2013	NJDEP Donna Mahon 609.341.5313
VIRTUA GREENFIELD HOSPITAL CAMPUS, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	14	20%	01/2010–03/2011	Virtua Jim Rivard 856.355.0922
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ \$300,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	36	5%–50%	01/2010–12/2012	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	14	10%	09/2011–11/2012	NJDOT John McCleery 609.530.2466
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ \$3,000,000 (fee max/term)	Dewberry	Investigations, Project Documentation	Archaeologist	49	15%	11/2009–present (not continuous)	NJ TRANSIT Hope DuBois 973.491.7516
INTERCHANGE 14A, Hudson County, NJ \$300,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	6	20%	04/2010–11/2013 (not continuous)	NJ Turnpike Authority Steven Buente 732.750.5300 x8240

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Scott Wieczorek, RPA

TITLE Archaeology

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management, Construction Inspection	Archaeologist	6	25%	04/2013–12/2013	NJDEP Jane Kozinski 609.292.2795
NJDEP ENVIRONMENTAL ASSESSMENT FIELD CONTRACTOR, Statewide, NJ Open-End Contract	Dewberry	Investigations, Project Documentation	Archaeologist	3	15%	09/2013–11/2013	NJDEP Donna Mahon 609.341.5313
NYCEDC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ \$12,000,000 (fee)	Dewberry	Investigations, Scoping	Archaeologist	3	25%	07/2013–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ \$300,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	2	20%	06/2013–07/2013	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821
US CUSTOMS & BORDER PROTECTION, ENV & ARCHAEOLOGY CONTRACT, Various Locations, US \$427,000 (fee)	Dewberry	Investigations, Project Documentation	Archaeologist	2	15%	05/2013–07/2013	US Customs & Border Protection Irma Curtis 619.690.7736
NJDOT ENVIROMENTAL MULTI-DISCIPLINARY TERM CONTRACT, Statewide, NJ \$3,000,000 max fee/term	Dewberry	Investigations, Project Documentation	Archaeologist	2	20%	07/2013–08/2013	NJDOT Elkins Green 609.530.8075
INTERCHANGE 14A, Hudson County, NJ \$300,000,000 (construction)	Dewberry	Investigations, Project Documentation	Archaeologist	2	20%	06/2013–07/2013	NJ Turnpike Authority Steven Buente 732.750.5300 x8240

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Edward Farrell, PE

TITLE Civil Engineering

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
VIRTUA GREENFIELD HOSPITAL CAMPUS, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	34	15%	01/2009–10/2011	Virtua Jim Rivard 856.355.0922
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design	Civil Engineer	34	10%	05/2009–03/2012	NJDOT John McCleery 609.530.2466
RAVENSWOOD AT MARLTON Marlton, NJ \$93,000 (fee)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	26	10%	01/2011–02/2013	The EPH Group Eric Ford 609.788.4831
ESTATES AT MOUNT ROYAL, East Greenwich Township, NJ \$150,000	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	49	10%	02/2008–03/2012	Botto Brothers LLC Vincent Botto 856.423.3700
PLANT EXPANSION, East Greenwich Township, NJ \$25,000 (fee)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	10	10%	06/2012–04/2013	Botto Brothers LLC Vincent Botto 856.423.3700
TOWN CENTER AT WARETOWN, Township of Ocean, NJ (Ocean County) \$55,000 (fee)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	3	10%	07/2013–08/2013	Ingerman Group Lara Schwager 856.662.1730
THE GRANDE AT TABERNACLE, Tabernacle, NJ \$75,000 (fee)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	23	15%	06/2013–07/2013	Lake Sand & Gravel Susan Haas 609.859.2440

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Evan Hill, PE, CME

TITLE Civil Engineering

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJ RREM (REHAB, RECON, ELEVATION MITIGATION) Ocean, Monmouth, Atlantic and Cape May Counties, NJ Open-End Contract	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	4	40%	09/2013–present	CB&I Charles Santora 609.588.6407
STORAGE BUILDINGS - FLATBROOK WILDLIFE MANAGEMENT AREA Sussex Co. and Morris Co. NJ \$49,000 (fee)	Innovative Engineering	Design, Permitting, Construction Phase Services	Civil Engineer	4	40%	09/2012–01/2013	Solutions Architecture Alexis Goldman 973.484.4800
RANCOCAS VALLEY REGIONAL HIGH SCHOOL, MATERIAL AND EQUIPMENT STORAGE BUILDING, Eastampton Township, NJ \$25,000 (fee)	JCA Associates	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	4	40%	02/2004–06/2004	Rancocas Valley Regional High School Board of Education Robert Sapp 609.267.0830
EQUIPMENT AND MATERIAL STORAGE/MATERIAL PROCESSING FACILITIES, Various locations, NJ \$15,000 to \$80,000 (fees)	JCA Associates	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	6	60%	02/2000–12/2005 (not continuous)	Cumberland Co., Gloucester Co., Pennsauken Sanitary Landfill, Red Bank Recycling, PSE&G, Conoco Phillips
PLANT EXPANSION, East Greenwich Township, NJ \$25,000 (fee)	Dewberry	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	2	10%	02/2012–04/2013	Botto Brothers LLC Vincent Botto 856.423.3700
OCEAN COUNTY COLLEGE, PARKING LOT #2 EXPANSION AND ATHLETIC COMPLEX, Toms River, NJ \$150,000 (fee)	Innovative Engineering	Scoping, Design, Demolition Plans, Permitting, Construction Phase Services	Civil Engineer	12	60%	01/2010–12/2010	Ocean County College Ken Olsen 732.255.0363
VERIZON NEW JERSEY, REGIONAL FIOS GARAGE AND WORK CENTER Moorestown, NJ \$65,000 (fee)	Innovative Engineering	Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	4	50%	08/2009–12/2009	Verizon New Jersey Thomas Caserta 973.509.7915

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Michael Ince, PE, LEED AP

TITLE Civil Engineering

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
SITE CLOSURE TERM CONTRACT, REDSHAW SCHOOL, New Brunswick, NJ \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	17	10%	12/2011–05/2013	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	20	15%	12/2011–08/2013	Mill Creek Residential Richard Murphy 908.234.1382
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Civil Engineer	15	20%	10/2012–present	Jonathan Rose LLC Paul Woody 917.542.3600
CHILTON HOSPITAL MASTER PLAN IMPLEMENTATION, Pompton Lakes, NJ \$250,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Civil Engineer	18	10%	04/2012–present	Chilton Hospital Edward Lubash 973.831.5000
MOUNTAIN CREEK ON-CALL CIVIL ENGINEERING AND SITE PLANNING SERVICES Vernon, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	24	20% (not continuous)	12/2011–present	Mountain Creek Development Dale Piersin 973.827.3088
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Construction Phase Services	Civil Engineer	6	15% (not continuous)	03/2013–present	Wayne Township Board of Education John Maso 973.633.3000
MILLBURN PARKING GARAGE REDEVELOPMENT, Millburn, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	20	10%	12/2011–08/2013	TimHaahs & Associates James Zullo 732.253.0690

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Rocco Marucci, EIT

TITLE Civil Engineering

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
ST. PETERS UNIVERSITY HOSPITAL ON-CALL CIVIL ENGINEERING SERVICES, New Brunswick, NJ \$160,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	31	15% (not continuous)	05/2011–present	St. Peter's University Hospital Robert Mulcahy 732.745.8600
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	24	15%	05/2011–05/2013	Mill Creek Residential Richard Murphy 908.234.1382
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	14	20%	11/2012–present	Jonathan Rose LLC Paul Woody 917.542.3600
CHILTON HOSPITAL MASTER PLAN IMPLEMENTATION, Pompton Lakes, NJ \$250,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services, Public Outreach	Civil Engineer	19	10%	05/2012–present	Chilton Hospital Edward Lubash 973.831.5000
MOUNTAIN CREEK ON-CALL CIVIL ENGINEERING AND SITE PLANNING SERVICES Vernon, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	31	15% (not continuous)	5/2011–present	Mountain Creek Development Dale Piersin 973.827.3088
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, Scoping, Design	Civil Engineer	2	15%	04/2013–06/2013	Wayne Township Board of Education John Maso 973.633.3000
MILLBURN PARKING GARAGE REDEVELOPMENT, Millburn, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	27	15%	05/2011–08/2013	TimHaahs & Associates James Zullo 732.253.0690

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Daniel Rocha, PE

TITLE Civil Engineering

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJ TRAINING SCHOOL SEWER, Monroe Township, NJ \$217,800 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	16	20%	11/2010–3/2012	DPMC Anthony Mazzella 609.203.5593
GREYSTONE DAM REPAIR AND REMOVAL, Morris County, NJ \$305,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	29	15%	10/2006–12/2008, 10/2011–01/2012	NJ Economic Development Authority Thomas Catapano 609.292.1583
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	Design, Permitting	Civil Engineer	8	15% (not continuous)	05/2008–12/2011	Mill Creek Residential Richard Murphy 908.234.1382
THIRD & VALLEY REDEVELOPMENT, South Orange, NJ \$200,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Civil Engineer	7	10%	12/2012–06/2013	Jonathan Rose LLC Paul Woody 917.542.3600
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design, Permitting	Civil Engineer	27	10%	02/2010–01/2013	NJDOT John McCleery 609.530.2466
NJ TURNPIKE INTERCHANGE 8, East Windsor, NJ \$19,250,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	Civil Engineer	41	15% (not continuous)	9/2008–02/2012	NJ Turnpike Authority John Keller 732.750.5300 x8263
PORT AUTHORITY OF NY/NJ CIVIL ENGINEERING CALL- IN, New York/New Jersey \$3,000,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Cost Estimating, Construction Phase Services	Civil Engineer	36	15%	06/2007–present (not continuous)	Port Authority NY/NJ Scott Murrell 973.792.4327

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME James Bellew, CHMM

TITLE Construction Inspection

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Construction Inspection	Project Manager	3	100%	10/2013–present	PQ Corporation Joe Dotson 484.868.3366
GFM 495 BORDEN AVENUE REMEDICATION, New York, NY; \$850,000 (fee)	LiRo	Construction Inspection	Project Manager	18	75%	6/2012–present	MTA Bridges & Tunnels Shaher Tadros 718.349.4216
IPARK EDGEWATER, Edwater, NJ; \$2,750,000 (fee)	GZA	Construction Management	Project Manager	5	100%	8/2010–3/2011	National RE/Sources Carl Monheit 203.661.0055 x25
QUEENS WEST REMEDICATION, Long Island City, NY; \$25,000,000 (construction)	Posillico/TRC (Prior to joining GZA)	Construction Inspection	Environmental Engineer	7	80%	6/2009–3/2010	Posillico David Sposito 718.353.9616
NYCDEP BARRETTO POINT REMEDICATION, Bronx, NY; \$11,000,000 (construction)	Posillico/Shaw (Prior to joining GZA)	Construction Inspection	Environmental Engineer	9	100%	11/2008–8/2009	Posillico David Sposito 718.353.9616
524 WEST 19TH STREET REMEDICATION, New York, NY; \$7,500,000 (construction)	Posillico/Langan (Prior to joining GZA)	Construction Inspection	Environmental Engineer	13	90%	6/2007–7/2008	Posillico David Sposito 718.353.9616
NATIONAL GRID IRM REMEDICATION, AMERICAN AVENUE, Rockaway, NY; \$2,500,000 (construction)	Posillico/GEI (Prior to joining GZA)	Construction Inspection	Environmental Engineer	3	80%	12/2009–2/2009	Posillico David Sposito 718.353.9616

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Rebecca Cox, PE

TITLE Construction Inspection/Cost Estimating

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Construction Manager	Construction Inspector	6	60%	10/2013–present	PQ Corporation Joe Dotson 484.868.3366
FORMER MAPELHURST HOTEL/RESIDENTIAL BUILDING DEMOLITION, Bristol, NH \$100,000 (fee)	GZA	Construction Manager / Specification Prep	Construction Inspector	24	100%	8/2012–11/2012	Town of Bethlehem Jack Anderson 603.869.5822
TRASH TO ENERGY PLANT CLOSURE PLANNING, Claremont, NH; \$550,000 (fee)	GZA	Study, schematic design, final design	Construction Inspector	4	15%	11/2013–present	Wheelabrator Matthew Hughes 603.542.8764
FORMER MICA FACTORY/ RESIDENTIAL BUILDING DEMOLITION, Bristol, NH; \$280,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, site remediation, regulatory closeout	Construction Inspector	2	100%	1/2012–4/2012	Town of Bristol Michael Capone 603.774.3354
DEMOLITION DESIGN GILMAN & DANA BUILDINGS, Hanover, NH; \$170,000 (fee)	GZA	Preliminary Design, Construction Spec Prep and Bid Solicitation	Construction Inspector	7	20%	4/2012–12/2012	Dartmouth College Gerald Columb 603.646.0570
DEMOLITION & CLEAN-UP OF FIRE DAMAGED BATTERY STORAGE BUILDING, Kahuku, HI; \$1,600,000 (fee)	GZA	Construction Manager	Construction Inspector	5	90%	12/2012–4/2013	First Wind Energy Ryan Pierce 808.347.0792
TOWEL PLANT RENOVATION, Manchester, NH; \$500,000 (fee)	GZA	Study, Schematic Design, Final Design, Permitting, Approvals, Construction Management, Start-up	Construction Manager	3	90%	3/2012–7/2012	G&K Services, Inc. Robert Hippert 603.296.7782

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Clark Lassiter, NICET III

TITLE Construction Inspection/Cost Estimating

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NYC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ \$12,000,000 (fee)	Dewberry	Investigations, Scoping, Cost Estimating	Feasibility Specialist	1	40%	12/2013–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
DAMAGE ASSESSMENT AND REIMBURSEMENT ELIGIBILITY REVIEW, 1174- ND, N. Dakota \$185,000,000 (fee)	Dewberry	Investigations, Scoping, Cost Estimating	Project Specialist	5	100%	4/1997–9/1997	FEMA Eddie Murphy 202.646.2776
DEBRIS REMOVAL, REIMBURSEMENT REVIEW "FLORIDA 4 HURRICANES", \$185,000,000 (fee)	Dewberry	Cost Estimating, Construction Inspection	Project Specialist	10	100%	11/2004–09/2005	FEMA Eddie Murphy 202.646.2776
DAMAGE ASSESSMENT, DEBRIS REMOVAL, REIMBURSEMENT REVIEW, HURRICANE KATRINA, Louisiana \$185,000,000 (fee)	Dewberry	Cost Estimating, Construction Inspection, Reimbursement Compliance	Project Specialist	6	100%	09/2005–03/2006	FEMA Eddie Murphy 202.646.2776
DAMAGE ASSESSMENT, DEBRIS REMOVAL, REIMBURSEMENT REVIEW, HURRICANE RITA, Louisiana \$185,000,000 (fee)	Dewberry	Cost Estimating, Construction Inspection, Reimbursement Compliance	Project Specialist	6	100%	03/2006–10/2006	FEMA Eddie Murphy 202.646.2776
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design	Plan Reviewer	3	100%	12/2011–02/2012	NJDOT John McCleery 609.530.2466
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ \$300,000,000 (construction)	Dewberry	Construction Inspection	Construction Inspector	15	100%	10/2012–12/2013	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Kenneth Lund-Pearson, NICET III

TITLE Construction Inspection/Cost Estimating

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
VIRTUA GREENFIELD HOSPITAL CAMPUS, SANITARY SEWER, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Construction Phase Services	Construction Inspector	39	75%	01/2008–02/2009	Virtua Jim Rivard 856.355.0922
VIRTUA GREENFIELD HOSPITAL CAMPUS, OFF-SITE ROADWAYS, Voorhees, NJ \$463,000,000 (construction)	Dewberry	Construction Phase Services	Construction Inspector	39	75%	12/2010–2/2013 not continuous	Virtua Jim Rivard 856.355.0922
GARDEN STATE PARKWAY WIDENING 83-100, Ocean and Monmouth Counties, NJ \$300,000,000 (construction)	Dewberry	Construction Phase Services	Construction Inspector	22	100%	02/2012–04/2012	NJ Turnpike Authority Maynard Abuan 732.750.5300 x821
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Construction Phase Services	Construction Inspector	6	100%	03/2012–09/2012	NJDOT John McCleery 609.530.2466
POCAHONTAS LAKE DAM, Morristown, NJ \$48,000 (fee)	Dewberry	Construction Phase Services	Construction Inspector	3	15%	03/2007–07/2012 (not continuous)	Town of Morristown Jeffrey Hartke 973.644.4371
I-287/I-80 IMPROVEMENTS Morris County, NJ \$85,000,000 (construction)	Dewberry	Construction Phase Services	Construction Inspector	15	50%	09/2012–12/2013 (not continuous)	NJDOT George Worth 609.530.3800
SOMERSET COUNTY ON-CALL INSPECTION SERVICES \$75,000 (fee)	Dewberry	Construction Phase Services	Construction Inspector	12	100% (while on assignment)	08/2009–10/2010 (not continuous)	Somerset County Adam Slutsky 908.231.7170

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Stephen Raymond

TITLE Construction Inspection

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	8	60%	5/2013–present	PQ Corporation Joe Dotson 484.868.3366
KROC CENTER DEMOLITION, Dorchester, MA; \$1,800,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	5	90%	12/2006–4/2007	The Salvation Army Steven A. Lopes, Major 617.318.6911
FORMER DORR WOOLEN MILL COMPLEX DEMOLITION, Newport, NJ; \$1,600,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	7	90%	6/2009–12/2009	Sturm, Ruger & Co., Inc. Randal Wheeler 603.865.2601
FACILITY DEMOLITION AND REMEDIATION, Derry, NH; \$1,100,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	7	90%	5/2006–11/2006	Sanmina Corp. Jafar Salimi 603.896.2036
DEMOLITION & CLEAN-UP OF FIRE DAMAGED BATTERY STORAGE BUILDING, Kahuku, HI; \$1,600,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	5	80%	12/2012–4/2013	First Wind Energy Ryan Pierce 808.347.0792
FORMER MICA FACTORY/ RESIDENTIAL BUILDING DEMOLITION, Bristol, NH; \$280,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	4	40%	1/2012–4/2012	Town of Bristol Michael Capone 603.774.3354
RESIDENTIAL WAREHOUSE BUILDING DEMOLITION, Utica, NY; \$1,100,000 (fee)	GZA	Demolition technical specifications, bid services, contract administration and construction oversight	Construction Manager	4	75%	9/2007–12/2007	The Salvation Army Alistair Fraser 908.851.8367

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME E. Maclay (Clay) Gearhart, CxP, CQCM

TITLE Cost Estimating/Reimbursement Compliance

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NYC BUILD IT BACK PROGRAM, NJDOT, Statewide, NJ \$12,000,000 (fee)	Dewberry	Investigations, Scoping, Cost Estimating	Feasibility Specialist	2	75%	10/2013–present	NYC Mayor's Office for Housing Recovery Operations Joe Christo 212.615.8039
A/E FACILITIES MANAGEMENT CONTRACT, JOB CORPS CENTERS, Nationwide \$18,000,000 (fee for contract)	Dewberry	Investigations, Scoping, Design, Cost Estimating, Construction Phase Services	Owners Representative/ Project Manager	60	100%	01/2009–01/2013	US Department of Labor William Dakshaw 202.693.2867
SEWER AND WATER MAIN REPAIRS, Job Corps Center, Little Rock, AR \$18,000,000 (fee for contract)	Dewberry	Investigations, Design, Cost Estimating, Construction Phase Services	Owners Representative/ Project Manager	5	25%	01/2011–06/2011	US Department of Labor William Dakshaw 202.693.2867
NEW FOOD SERVICE BUILDING, Job Corps Center, Hazleton, PA \$185,000,000 (fee)	Dewberry	Design, Permitting, Cost Estimating, Construction Phase Services	Owners Representative/ Project Manager	16	25%	08/2009–01/2011	US Department of Labor William Dakshaw 202.693.2867
BUILDING SETTLEMENT, Job Corps Center, Little Rock, AR \$18,000,000 (fee for contract)	Dewberry	Investigations, Cost Estimating,	Owners Representative/ Project Manager	5	25%	07/2010–12/2010	US Department of Labor William Dakshaw 202.693.2867
ADMINISTRATION AND EDUCATION BUILDING RENOVATION, Job Corps Center, Roswell, NM \$18,000,000 (fee for contract)	Dewberry	Investigations, Scoping, Design, Cost Estimating, Construction Phase Services	Owners Representative/ Project Manager	14	25%	01/2011–02/2012	US Department of Labor William Dakshaw 202.693.2867
CENTER REDEVELOPMENT Job Corps Center, Shreveport, LA \$15,000,000 (construction)	Dewberry	Design, Permitting, Cost Estimating	Owners Representative/ Project Manager	19	25%	05/2012–12/2013	US Department of Labor William Dakshaw 202.693.2867

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Christopher Mullan

TITLE Hazardous Materials/Buildings

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER, Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management, Construction Oversight	Environmental Specialist	8	100%	04/2013–12/2013 (break in 08/2013)	NJDEP Jane Kozinski 609.292.2795
NJDOT STATE CHANNELS DEBRIS REMOVAL, Statewide, NJ \$850,000 (fee)	Dewberry	Program Management, FEMA Reimbursement Compliance Support	Environmental Specialist	1	100%	12/2013–present	NJDOT Genevieve Clifton 609-530-4770
NJDOT DEBRIS MANAGEMENT POST-SANDY Various Locations, NJ \$155,000 (fee)	Dewberry	FEMA Reimbursement Compliance Support	Environmental Specialist	4	100%	11/2012–03/2013	NJDOT Timothy Steinbeiser 609.530.4293
MARCAL PLANT ASBESTOS SURVEY, Elmwood Park, NJ \$75,000 (fee)	Dewberry	Investigations, Scoping	Environmental Specialist	1	80%	03/2013	Soundview Paper Company Ed Knapick 201.796.4000
US CUSTOMS & BORDER PROTECTION, ENV & ARCHAEOLOGY CONTRACT, Various Locations, US \$427,000 (fee)	Dewberry	Investigations, Project Documentation	Archaeologist	1	100%	08/2013	US Customs & Border Protection Irma Curtis 619.690.7736

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME David Oliver, CMI

TITLE Hazardous Materials/Buildings

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Asbestos and Hazardous Material Assessment	Field Support, Sample Program	0.5	100%	7/2013	PQ Corporation Joe Dotson 484.868.3366
ASBESTOS ABATEMENT, Hartford, CT; \$100,000 (fee)	GZA	Construction Manager / Specification Prep	Field Support, Sample Program	2	100%	8/2012–11/2012	The Salvation Army David Dietrick 860 527 8106
BUILDING DEMOLITION, Sleepy Hollow, NY; \$550,000 (fee)	GZA	Asbestos and Hazardous Material Assessment	Field Support, Sample Program	2	60%	5/2013–present	The Salvation Army Greame Hepburn 212.352.5294
ACM & BUILDING ASSESSMENT, Augusta, ME; \$5,000 (fee)	GZA	study, schematic design, final design, permitting, approvals, construction management, site remediation, regulatory closeout	Field Support, Sample Program	0.5	100%	9/2012	The Salvation Army Asit George 207.774.4172
DEMOLITION DESIGN GILMAN& DANA BUILDINGS, Hanover, NH; \$170,000 (fee)	GZA	Preliminary Design, Construction Spec Prep and Bid Solicitation	Field Support, Sample Program	2	80%	4/2012–6/2012	Dartmouth College Gerald Columb 603.646.0570
AHERA SURVEY, Nashua, NH; \$7,500 (fee)	GZA	Asbestos and Hazardous Material Assessment	Field Support, Sample Program	0.5	15%	12/2012–4/2013	Academy of Science & Design Andrew French 603.660.3556
BUILDING DEMOLITION AND HAZARDOUS MATERIALS ASSESSMENT, Haverhill, MA; \$12,000 (fee)	GZA	Asbestos and Hazardous Material Assessment	Field Support, Sample Program	0.5	100%	9/2012–12/2012	Planning Office for Urban Affairs, Inc. Williams Grogran 617.350.8885

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Christopher Pierce

TITLE Hazardous Materials/Buildings

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	1	20%	12/2013	PQ Corporation Joe Dotson 484.868.3366
GSA RODINO FEDERAL BLDG INTERIOR DEMOLITION/RENOVATION, Newark, NJ; \$315,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	6	50%	5/2013–present	Tocci/Driscoll Al Bendig 215.662.5843
TAPPAN ZEE BRIDGE DEMOLITION, Tarrytown, NY; \$750,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	6	50%	5/2013–present	Tappan Zee Constructors Josh Gillsepie 914.789.3279
PRIVATE HOME DEMOLITIONS/ST. JOSEPH'S HOSPITAL EXPANSION, Paterson, NJ \$75,000 (fee)	GZA	Field Study	Field Engineer	6	25%	5/2013–present	Edward Curry 973.754.3488
SCHOOL ABATEMENT, Hoboken, NJ; \$12,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	1	100%	6/2013–9/2013	All Saint's Episcopal Day School Deborah Jacobus 201.792.0736
SERVICES FOR THE RESIDENTIAL COMPLEX IAQ, Brooklyn, NY; \$4,500 (fee)	GZA	Field Study	Field Engineer	1	30%	7/2013–10/2013	Services for the Underserved Steve Myricks 212.633.6900
HAZARDOUS MATERIALS INSPECTIONS, Multiple Locations, NJ & NY; \$210,000 (fee)	Warren Panzer Engineers	Field Study, Construction Oversight	Field Engineer	12	100%	4/2012–4/2013	PANY/NJ Uday Mehta 201.595.4881

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME John Pilling

TITLE Hazardous Materials/Buildings

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
HAZARDOUS MATERIALS ABATEMENT—FORMER COAL FIRED POWER PLANT, Fitchburg, MA; \$4,100,000 (fee)	GZA	Asbestos & hazardous materials assessment; surveys and abatement; USEPA negotiation; technical specifications; bid services; construction management; compliance and reporting	Project Manager	108	80%	1/2001–12/2009	Fitchburg Gas & Electric Light Company Thomas Gatherum 603.227.4545
GRAND STREET MILLS DEMOLITION/ REVITALIZATION, Worcester, MA; \$2,780,000 (fee)	GZA	Pre-demolition assessment, abatement design; environmental investigation and remediation; technical specifications	Project Manager	36	80%	1/2004–12/2006	Main South Community Development Corporation J. Stephen Teasdale 508.752.6181
MEDICAL FACILITY DEMOLITION, New York, NY; \$200,000 (fee)	GZA	Pre-demolition assessment, cost estimating, bid services	Project Manager	29	25%	10/2004–3/2007	Memorial Sloan-Kettering Cancer Center Ira Schlitt 212.639.6082
HAZARDOUS MATERIALS ABATEMENT DESIGN AND OVERSIGHT, Grand Rapids, MI; \$345,000 (fee)	GZA	Asbestos and hazardous materials survey, abatement design, abatement oversight	Project Manager	36	40%	1/2007–12/2009	MC Smith Associates & Architectural Group, Inc. Donald H. Smalligan, RA 616.451.3346
HAZARDOUS MATERIALS ASSESSMENT, New Bedford, MA; \$30,000 (fee)	GZA	Asbestos and hazardous materials assessment	Project Manager	12	40%	1/2007–12/2007	Revere Copper Products, Inc. Christopher Bale 508.999.5601
RESIDENTIAL CONVERSION/INTERIOR DEMOLITION, Haverhill, MA; \$32,000 (fee)	GZA	Asbestos and hazardous materials assessment, abatement design, specifications, oversight	Project Manager	6	50%	6/2008–1/2009	Planning Office for Urban Affairs, Inc. William Grogan 617.350.8885
HOT ROLLING MILL DEMOLITION, Brackenridge, PA; \$85,000 (fee)	GZA	Pre-demolition asbestos and hazardous materials assessment	Technical Expert	3	40%	4/2008–7/2008	Allegheny Ludlum Corporation Ron Minkus 724.224.1000

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME James Restaino

TITLE Hazardous Materials/Buildings

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	6	80%	6/2013–present	PQ Corporation Joe Dotson 484.868.3366
GSA RODINO FEDERAL BLDG INTERIOR DEMOLITION/RENOVATION, Newark, NJ; \$315,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	2	10%	6/2013–present	Tocci/Driscoll Al Bendig 215.662.5843
TAPPAN ZEE BRIDGE DEMOLITION, Tarrytown, NY; \$750,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	12	10%	6/2013–present	Tappan Zee Constructors Josh Gillseppe 914.789.3279
TETERBORO AIRPORT/ PANY/NJ, HANGARS 12 & 14 DEMOLITION, Teterboro, NJ; \$25,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	2	40%	11/2007–12/2011	Meridian Teterboro Steve Chandoha 201.288.5040
YANKEE STADIUM DEMOLITION, Bronx, NY; \$258,000 (fee)	GZA	Field Study, Construction Oversight	Field Engineer	6	40%	2/2008–9/2010	Stantec Brian O'Donnell 212.366.5600
MANHATTANVILLE PRE-DEMOLITION HMI, West Harlem, NY; \$240,000 (fee)	GZA	Field Study	Field Engineer	6	80%	8//2007-8/2008	Columbia University Marcelo Velez 212.851.7070
NYU CENTER FOR URBAN PROGRESS CAMPUS HAZARDOUS MATERIALS SURVEY, Brooklyn, NY; \$40,000 (fee)	GZA	Field Study	Field Engineer	1	100%	5/2012-9/2013	EYP Architecture Andy Wong 212.981.6007

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Benjamin Sallemi, PhD

TITLE Hazardous Materials/Buildings

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager/ Hazardous Materials	2	5%–15%	2/2013–9/2013	PQ Corporation Joe Dotson 484.868.3366
GSA RODINO FEDERAL BLDG INTERIOR DEMOLITION/RENOVATION, Newark, NJ; \$315,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager	36	20%	8/2010–present	Tocci/Driscoll Al Bendig 215.662.5843
TAPPAN ZEE BRIDGE DEMOLITION, Tarrytown, NY; \$750,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager/ Hazardous Materials	12	5%	10/2012–present	Tappan Zee Constructors Josh Gillsepie 914.789.3279
TETERBORO AIRPORT/ PANY/NJ, HANGARS 12 & 14 DEMOLITION, Teterboro, NJ; \$25,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager	6	5%–20%	11/2007–12/2011	Meridian Teterboro Steve Chandoha 201.288.5040
YANKEE STADIUM DEMOLITION, Bronx, NY \$258,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager	48	5%–40%	2/2008–9/2010	Stantec Brian O'Donnell 212.366.5600
PRIVATE HOME DEMOLITIONS/ST. JOSEPH'S HOSPITAL EXPANSION, Paterson, NJ; \$75,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager	72	10%	6/2008–present	Edward Curry 973.754.3488
DEMACO INDUSTRIES DEMOLITION, Belleville, NJ; \$115,000 (fee)	GZA	Field Study, Schematic , HMI Assessment and Final Building Remediation Design	Project Manager	12	10%–20%	8/2009–2/2010	Demaco Industries Pam Nedekoff, 201.831.0383

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Joseph Galley, CHMM, LSRP

TITLE Site Remediation

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
LSRP SERVICES FOR HOFFER MACHINE & TOOL, North Haledon, NJ; \$840,000 (fee)	GZA	LSRP services—UST removals/Septic System testing & removal	LSRP/Senior Project Manager	200	80%	4/1988—present	Hoffer Machine & Tool Alan Hoffer 973.427.1195
LSRP SERVICES FOR THERAGEN PHARMACEUTICAL, East Windsor, NJ; \$260,000 (fee)	GZA	LSRP Services—Preliminary Assessment/Site Investigation/USTs/ASTs/ Remedial Investigation	LSRP/Senior Project Manager	24	25%	1/2012—present	Theragen Pharmaceutical Joanna Aversa 860.687.2618
LSRP SERVICES FOR ELTEE, West Caldwell, NJ; \$85,000 (fee)	GZA	LSRP Services—remedial investigation/soil & groundwater/Septic System	LSRP/Senior Project Manager	60	20%	1/2009—present	Eltee, Inc. Alan Kiefer 973.239.6635
LSRP SERVICES FOR MONTVALE COMMONS, Montvale, NJ; \$8,500 (fee)	H2M	LSRP Services—small spill remediation with RAW	LSRP/Senior Project Manager	6	40%	6/2012—12/2012	Montvale Commons Larry Regan 914.693.6613
AIG INSURANCE COMPANY, Multiple Locations; \$750,000 (fee)	TSA Environmental	Home owner UST removals, remediation & oversight	Senior Project Manager	48	40%	7/1996—1/2000	AIG Insurance Co. Neil Drawas 978.443.1833
CAPASSO RESIDENCE, Sparta, Sussex County, NJ; \$27,000 (fee)	TSA Environmental	Homeowner UST removal & remediation	Senior Project Manager	24	25%	7/2007—2/2009	N/A
WINER INDUSTRIES, Paterson, Passaic County, NJ; \$84,000 (fee)	H2M Associates	UST sampling/ACM sampling/ Haz Mat Removal	LSRP/Senior Project Manager	48	30%	7/2004—present	Winer Industries James Coakley 212.840.5588

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Marc Hudock, LSRP

TITLE Site Remediation

FIRM GZA

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
PLANT NO. 1 DEMOLITION, Rahway, NJ; \$538,000 (fee)	GZA	LSRP Services including Beneficial Reuse Application, ASTs, Site/Remedial Investigation, Remedial Action Workplan	LSRP	54	10%	6/2009–present	PQ Corporation Joe Dotson 484.868.3366
POTTERS INDUSTRIES, Carlstadt, NJ; \$1,300,000 (fee)	GZA	LSRP Services including Remedial Investigation/Action/ RAO	LSRP	96	10%	01/2004–12/2013	Potters Industries Elaine Simpson 610.651.4720
UST/REMEDICATION AT DAY CARE, Asbury Park, NJ; \$418,000 (fee)	GZA	LSRP Services including Site Investigation/Remediation, Permitting, Remedial O&M System	LSRP	72	5%	01/2007–present	The Salvation Army Stephanie Baker 908.851.8311
HENDRICKS FIELD GOLF COURSE, Belleville, NJ; \$17,500 (fee)	GZA	LSRP Services including Receptor Evaluation and closure with NJDEP	LSRP	9	5%	3/2013–12/2013	Essex Co. DPW Jacqueline (Jackie) Bourdony 973.226.8500 x2530
FORMER STEEL CRAFT INDUSTRIES SITE, Newark, NJ; \$57,000 (fee)	GZA	Environmental Services including Remediation	Senior Project Manager	6	15%	06/2013–present	Steel Craft Industries Barry Meister 973.868.3683
ASBURY PARK DPW, Asbury Park, NJ; \$10,000 (fee)	GZA	LSRP Services including Receptor Evaluation and closure with NJDEP	LSRP	12	1%	12/2012–12/2013	Asbury Park DPW Joe Cunha, PE 908.692.5624
CHRYSLER DEALERSHIP, Paramus, NJ; \$108,000 (fee)	GZA	LSRP Services including Site Investigation/Remediation	LSRP	30	3%	08/2011–present	Chrysler Melissa Michaels 248.512.3152

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME William Pendexter, PhD, PG, LSRP

TITLE Site Remediation

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ \$3M max/term	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	40	15%	08/2010–present	NJ TRANSIT Hope DuBois 973.491.7516
MTA-NYC TRANSIT ENVIRONMENTAL WORK ORDER CONTRACT CM-1518, New York, NY \$7,000,000 (fee max)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	5	15%	07/2013–12/2013	MTA-NYC Transit Thomas Abdallah 646.252.3500
WASTE MANAGEMENT WORK ORDER CONTRACT, Statewide, PA \$1,500,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist	29	15%	07/2011–12/2013	PennDOT David Condo 717.772.0831
SPEEDWELL REDEVELOPMENT, Morristown, NJ \$1,000,000 (fee)	Dewberry	LSRP Services, Groundwater Monitoring	Senior Hydrogeologist / LSRP	93	5%	03/2011–present	Mill Creek Residential Richard Murphy 908.234.1382
WAYNE TOWNSHIP BOARD OF EDUCATION ON-CALL ENGINEERING SERVICES, Wayne, NJ \$125,000 (fee)	Dewberry	Investigations, LSRP Services	Senior Hydrogeologist / LSRP	13	15%	10/2012–11/2013	Wayne Township Board of Education John Maso 973.633.3000
CHILTON HOSPITAL MASTER PLAN IMPLEMENTATION, Pompton Lakes, NJ \$250,000 (fee)	Dewberry	LSRP Services	Senior Hydrogeologist / LSRP	19	10%	11/2012–present	Chilton Hospital Edward Lubash 973.831.5000
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design, Construction Phase Services	Senior Hydrogeologist	49	10%	11/2009–present	NJDOT John McCleery 609.530.2466

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Lorraine Pennino

TITLE Site Remediation

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
SITE ENVIRONMENTAL CONSULTANT TERM CONTRACT, Redshaw School, New Brunswick, NJ \$505,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager/ Senior Engineer	36	15%	12/2007–11/2012 (not continuous)	NJ Schools Development Authority Kevin Niemeyer 609.656.5043
SITE ENVIRONMENTAL CONSULTANT TERM CONTRACT, PS #24, West Paterson, NJ \$75,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager	36	15%	04/2007–07/2007	NJ Schools Development Authority Kevin Niemeyer 609.656.5043
SITE ENVIRONMENTAL CONSULTANT TERM CONTRACT, Woodrow Wilson School, West Paterson, NJ \$51,000 (fee)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Task Manager	36	15%	01/2006–12/2006	NJ Schools Development Authority Kevin Niemeyer 609.656.5043
INTERCHANGE 14A, Hudson County, NJ \$300,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting	Senior Environmental Engineer	12	20%	12/2012–present	NJ Turnpike Authority Steven Buente 732.750.5300 x8240
MTA-NYC TRANSIT ENVIRONMENTAL WORK ORDER CONTRACT CM-1275, New York, NY \$10,000,000 (fee max)	Dewberry	Investigations, Scoping, Design, Construction Phase Services	Senior Environmental Engineer	6	10%	04/2005–09/2009 (not continuous)	MTA-NYC Transit Thomas Abdallah 646.252.3500
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT, Statewide, NJ \$3M max/term	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	40	10%	08/2010–present	NJ TRANSIT Hope DuBois 973.491.7516
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Environmental Engineer	24	10%	01/2007–08/2013 (not continuous)	NJDOT John McCleery 609.530.2466

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Charles Stebbins, CPG, CHMM, LSRP

TITLE Site Remediation

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJ TRANSIT ENVIRONMENTAL TASK ORDER CONTRACT Statewide, NJ \$3M max/term	Dewberry	Investigations, Scoping, Design, Permitting, Construction Phase Services	Senior Hydrogeologist / LSRP	79	25%	03/2007–present	NJ TRANSIT Hope DuBois 973.491.7516
SITE ENVIRONMENTAL CONSULTANT AND SITE CLOSURE SERVICES TERM CONTRACT, REDSHAW SCHOOL, New Brunswick, NJ \$505,000 (fee)	Dewberry	Design, Permitting, Construction Phase Services	LSRP	25	10%	11/2011–present	NJ Schools Development Authority Claire Tsai-Ochs 609.292.6721
INTERCHANGE 14A, Hudson County, NJ \$300,000,000 (construction)	Dewberry	Investigations, Scoping, Design, Permitting	LSRP	12	20%	12/2012–present	NJ Turnpike Authority Steven Buente 732.750.5300 x8240
NJDOT ENVIROMENTAL MULTI-DISCIPLINARY TERM CONTRACT, Statewide, NJ \$3,000,000 max fee/term	Dewberry	Investigations, Project Documentation	Senior Geologist	4	6% (not continuous)	01/2012–04/2013	NJDOT Elkins Green 609.530.8075
BROWNFIELDS PROGRAM ON-CALL SERVICES, Passaic County, NJ \$100,000 (fee)	Dewberry	Investigations, Design, Permitting, Construction Phase Services , LSRP Services	Senior Hydrogeologist / LSRP	12	15%	05/2008–02/2013 (not continuous)	Passaic County Deborah Hoffman 973.569.4720
I-287/I-80 IMPROVEMENTS Morris County, NJ \$85,000,000 (construction)	Dewberry	Design, Permitting, Construction Phase Services	Senior Hydrogeologist	31	10%	03/2007–01/2010	NJDOT George Worth 609.530.3800
DIRECT CONNECTION INTERCHANGE, Camden County, NJ \$900,000,000 (construction)	Dewberry	Design, Permitting, Construction Phase Services	LSRP	20	20%	03/2007–present (not continuous)	NJDOT John McCleery 609.530.2466

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT



KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME Paul Manno

TITLE Reimbursement Compliance

FIRM Dewberry

PROJECT TITLE LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION ADMINISTRATION)	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBER'S INVOLVEMENT OF THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WEEK	DATES OF THE TEAM MEMBER'S INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME CONTRACT PERSON AND PHONE NUMBER
NJDEP WATERWAY DEBRIS REMOVAL PROJECT MANAGER Statewide, NJ \$9,100,000 (fee)	Dewberry	Program Management	FEMA Reimbursement Support	8	25%	03/2013–10/2013	NJDEP Jane Kozinski 609.292.2795
DISASTER RECOVERY SERVICES, DERECHO STORM AND HURRICANE SANDY , City of Fairfax, VA \$65,000 (fee)	Dewberry	Program Management	FEMA Reimbursement Support	7	20%	07/2012–01/2013	City of Fairfax Ken Rudnicki 703.385.4856
DISASTER RECOVERY SERVICES, HURRICANE SANDY , A&N Electric Cooperative, VA \$85,000 (fee)	Dewberry	Program Management	FEMA Reimbursement Support	4	20%	10/2012–01/2013	A&N Electric Cooperative Penny Fowler 757.787.9750
DISASTER RECOVERY SERVICES, TROPICAL STORM LEE , Middletown, PA \$340,000 (fee)	Dewberry	Program Management	FEMA Reimbursement Support	4	20%	02/2012–10/2013	Borough of Middletown Chris McNamara 717.902.3079
NATIONWIDE INFRASTRUCTURE TECHNICAL ASSISTANCE Contract , FEMA \$185,000,000 (fee)	Dewberry	Program Management	FEMA Reimbursement Support	120	100%	01/2001–07/2011	FEMA Eddie Murphy 202.646.2776

* A KEY TEAM MEMBER IS A TECHNICAL OR MANAGEMENT PERSON DEVOTING 20% OR MORE OF THEIR TIME TO ANY PHASE OF THE PROJECT

PROJECT APPROACH TO SERVICES ON A TYPICAL

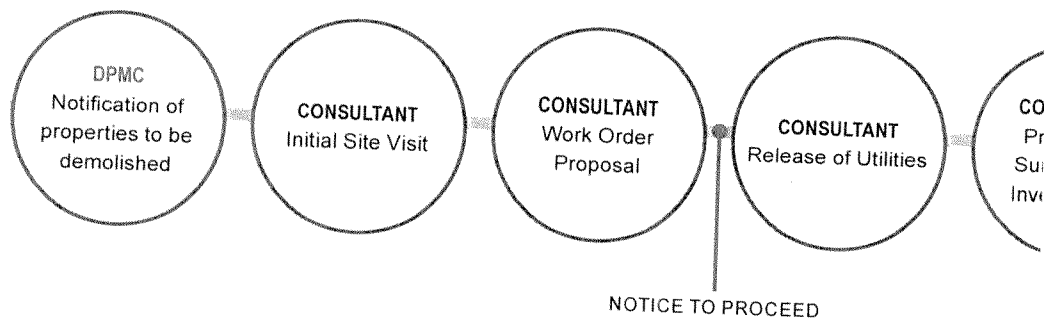
1. Notification of properties to be demolished

NJDEP/DPMC will notify Dewberry regarding a Work Order and will provide a DPMC Project Number/ Title and Location; Scope of Work; and potentially existing site data (such as environmental reports and survey if available), assignment specifications, proposed schedule or completion dates, and other specifics. Program Manager Steven Eget and Deputy Program Manager Peter Black will assign a Work Order Manager.

PERSONNEL RESPONSIBLE:

- Program Manager/Deputy Program Manager

Figure 2: Critical Path for typical project assignments

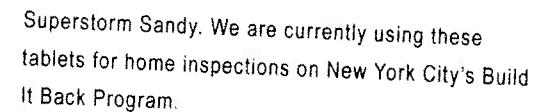


Access will be granted for a senior-level professional to perform the initial site visit, using a standard Initial Site Visit Checklist that has been tailored to this specific Work Order. To streamline the Work Order activities, the purpose of this initial site visit will be to obtain information for the Work Order proposal as well as information that will reduce the need for subsequent site visits (except for environmental testing). The Initial Site Visit Checklist will include:

- tank), record the location and if a pump is present. If no pump is present, record the information of a sticker on the tank or wall above the tank indicating the type and depth of a submersible pump (well pump installers usually provide this information on a sticker). Attempt to locate the well head outside; photograph and sketch location. If it is probable that the house is serviced by a septic system (or cesspool) attempt to locate a surface feature such as an access pipe, manhole cover or lid, or some other marker. A rectangular raised mound indicates

Personnel conducting the Initial Site Visits and Preliminary Surveys / Site Investigations will be equipped with Windows-based tablets that have integrated GPS and cameras. To optimize field data collection, we have used these tablets on other similar contracts, including the FEMA Substantial Damage Evaluations in 2013 where we surveyed 27,000 residential and non-residential structures in eight New Jersey counties following

- Heat – steam; hot water; forced air; radiant; type of heating unit gas/oil/propane; presence of AST (oil or propane)—interior or exterior. Presence of oil stains adjacent to AST.
- Air Conditioning – confirm the presence of a central A/C condensing unit and any other items on the



property containing CFCs (window/wall A/C units or refrigerators/freezers).

- Record the presence/absence of a hot water heater – gas or oil fired, or electric.
- Presence of lead paint – will be assumed based upon age of house.
- Presence of probable ACM (visual only, to be verified during preliminary Surveys and Site Investigations).
- Presence of noticeable signs (e.g., visual, olfactory) of a potential petroleum or suspected hazardous substance discharge.

All initial site visit information will be recorded on forms developed by Dewberry for inclusion into the Scoping Document to be provided to the demolition contractor.

Immediately following return from the site visit, we will place telephone calls to the following parties:

- Municipal Building and Health Departments – request that the department pull the permit jacket of the property. Often there are permits that provide valuable information on the property such as permit to install or pump the septic; abandon the oil tank (either in place or removed); install natural gas equipment; install irrigation or potable water well. These entities can often provide water and sewer service information which can confirm that the house is service by city water and sewer. They will usually indicate whether water or sewer is by a separate authority.

Based upon the results of this call, the municipal water or sewer department will be contacted to begin the utility disconnection process.

- Local or regional water and/or sewer authority – calls to these entities to verify whether the house has/had an account for water or sewer service. If so, the water and/or sewer utility disconnection process will begin here.
- Private water or sewer – based upon previous information obtained, calls to private utility companies will be made to begin the utility disconnection process.

The results of the calls will be recorded in the form of a telephone contact memo to be included in the Scoping Documents.

If the house is judged to be unsafe to enter, DPMC will be notified immediately and an assessment will be made based upon best available information that can be determined.

PERSONNEL RESPONSIBLE:

- Senior Level Engineer



3. Submission of Work Order Proposal

Based upon the information obtained during the Initial Site Visit and communications regarding utilities, we will prepare a Work Order Proposal for each structure or group of structures to be demolished as per NJDEP / DPMC. The Work Order Proposal shall be prepared on the Work Order for Term Contract Assignment (TC-008) Form and supported by a detailed proposal with information including, but not limited to, the scope of services, fee breakdown, deliverables, and schedule milestone dates. As requested by NJDEP / DPMC, we will provide supplementary information including, but not limited to, team organization, staffing, subconsultants, and relevant experience. Dewberry will submit the Work Order Proposal within four days of completion of the Initial Site Visit(s).

PERSONNEL RESPONSIBLE:

- Work Order Manager (prepares proposal)
- Program Manager/Deputy Program Manager (submits proposal)

SUPPORTING NJDEP AND DPMC

Dewberry currently supports the NJDEP and DPMC on the Floodplain Study Mapping Services Term Contract TC-007. While the scope of work on this contract differs from TC-008, we understand that the Work Order procurement process will be similar. We are familiar with the Work Order Proposal process, and Peter Black, the proposed Deputy Project Manager for TC-008 has been involved with TC-007 as well as other DPMC contracts.

4. Release of Utilities

As soon as a Notice to Proceed is issued, Dewberry will begin the utility disconnection process. Water, gas, sewer, telephone, cable, and electric utility services must be disconnected prior to the demolition of the dwelling units and associated structures. Utility clearances must be obtained before applying to the DPMC/NJDCA for the building demolition permits.

In general, a service removal request is submitted to the utility provider, the utility provider will coordinate access to the site and remove any associated meters and appurtenances. Upon completing the removals the utility company will issue a Completion Letter to the applicant for use when submitting a Building Demolition Permit.

PSE&G (Gas and Electric) requires a "PSE&G Service Removal Request Form" be submitted to the PSE&G Demolition Group. Upon review of the application, PSE&G will create a project and contact Dewberry to make an appointment for the removal of any gas and electric meters and services for the building. Once the Demolition Group has received verification from the construction departments that all necessary removal work has been completed, a Completion Letter will be sent to Dewberry. Our experience indicates that PSE&G service removals typically require four to six weeks to complete. Therefore this item will be on the critical path to complete the demolition.

New Jersey Natural Gas and Elizabethtown Gas have similar processes to PSE&G. New Jersey Natural Gas has a "Work Request Form – Demolition" and Elizabethtown Gas has an "Online Service Termination Form" that must be submitted. A Completion Letter will be provided upon completion of the gas meter and service removal.

Gas service removals may require a Road Opening Permit (ROP) to cap the gas service. The utility will determine if one is required or not. If a ROP is required it can take several weeks to obtain the permit depending on the municipality, and permits for state and county roads could take longer.

NEW JERSEY TURNPIKE INTERCHANGE 8

Dewberry was responsible for the final design of this \$180-million Section 6 (Interchange 8) of the New Jersey Turnpike widening. The project included demolition of eight homes, a toll plaza, East Windsor Township Department of Public Works structures, a pump station, a gasoline station, and partial demolition of the Turnpike Authority Central Shops building. This project required extensive coordination with the NJDOT, Mercer County, and East Windsor Township, and the utility providers. The project included NJDEP permits, Soil Erosion and Sediment Control Certificate,



and extensive utility relocations/coordination (including JCP&L transmission lines, sanitary and water mains, telephone, cable, fiber-optic facilities), all on an accelerated schedule.

Jersey Central Power & Light (JCP&L) requires that requests for the removal of their electric facilities be made in writing. A letter containing all the required information and requesting all associated removals must be faxed to JCP&L. JCP&L will then coordinate access to the dwelling with the applicant, remove the electric service, and issue a Completion Letter.

United Water requires a "Demolition Letter Request Form" be submitted to the United Water Engineering Department. Upon submitting the request form, an appointment is scheduled with United Water Customer Service for the water meter to be removed. Once the account is finalized and the meter is removed from the property, the contractor is required to disconnect (cut and cap) the water service on the property. After the disconnection is witnessed and completed, United Water will issue a Completion Letter.

New Jersey American Water (NJAW) demolition letter requests are completed via Customer Service. Upon receiving the request, NJAW will remove the meter and cap the service. After the disconnection is completed a Completion Letter will be issued.

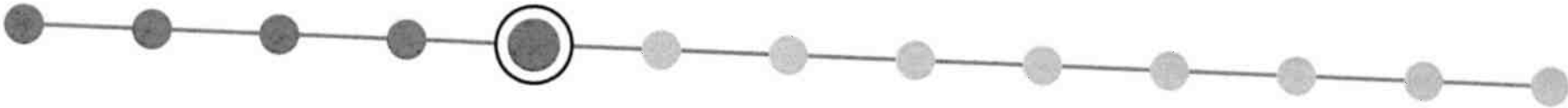
We will also address the disconnection of telephone and cable services.

This process is the most critical portion of the demolition phase as we will be relying on both public and private utility companies to react in a timely manner. Therefore, this task requires immediate initiation with follow-up through the pre-demolition

phase as the State's demolition contractor will be required to cap and plug water and sewer connections that are not addressed by private utility companies before a demolition permit can be obtained.

PERSONNEL RESPONSIBLE:

- Civil Engineers



5. Preliminary Surveys and Site Investigations

Preliminary surveys and site investigations will be conducted on all structures specified in the Work Order. We will conduct hazardous materials survey, archaeological review, and a floodway determination for Flood Hazard Area Permit applicability. This task may also include a subsurface geophysical survey.

Hazardous Materials Survey

The hazardous materials survey will include testing services for ACM that would require special health and safety considerations prior to the demolition of the structure(s). In addition, the survey will include testing polychlorinated biphenyl containing components. We will assume that paint with detectable levels of lead is present on-site and is discussed in further detail below. Following field work and receipt of bulk sample analyses from the laboratory, we will generate a report of our findings for each scoping document.

Asbestos Containing Materials Survey

Our Hazardous Materials /Buildings Key Personnel will perform a visual investigation and sampling of suspect ACM throughout the property to determine the location of potential ACM within the structure. Our survey will include an evaluation of both friable (easily reduced to powder by hand pressure) and non-friable materials, such as thermal system insulation, surface coatings, tiles and miscellaneous materials, that may contain asbestos. On occasion, we will be required to conduct selective interior demolition into components, such as chases and soffits, to complete visual inspections.

Repairs to affected surfaces will not be made as these structures are slated for demolition.

We will provide an EPA AHERA-certified inspector to survey the facility for suspect ACM. The inspector training will conform to Toxic Substances Control Act (TSCA) Title II, the AHERA. Suspect ACM will be identified, sampled, and submitted for laboratory analysis under proper chain of custody procedures.

AHERA defines three types of suspect ACM, which can be found in friable or non-friable condition:

1. Thermal System Insulation (TSI): materials that resist heat flow (e.g., boiler, duct and pipe insulation);
2. Surfacing Materials (SMs): materials that are mixed onsite, rather than manufactured, and applied by spray or trowel (e.g., fireproofing and various plasters); and,
3. Miscellaneous Materials (MMs): materials that are neither TSI or SMs (e.g., ceiling tiles, floor tiles, gypsum board).

The number of samples collected per site will depend on the following factors:

- Number of different suspect materials present and the quantity of each material;
- building materials incorporated into construction;
- past renovations of the structure;

- previous abatement activities; and
- size of the structure.

Typical sample media will include roofing material, gypsum wall board, plaster, window glazing and caulk, transite panels/siding, TSI, boiler insulation, electrical insulation, fire proofing, vinyl floor tile and mastic, caulking, and both acoustical and ceiling tiles.

Friable bulk samples of suspect ACM will be collected and submitted for laboratory analysis by Polarized Light Microscopy (PLM). Resilient non friable organically bound (NOB) materials, such as floor tiles and roofing materials, will require gravimetric reduction prior to PLM analysis. If the PLM analysis of NOB samples is negative, Transmission Electron Microscopy will

MULTI-BUILDING DEMOLITION FOR THE FULTON TRANSIT CENTER

To make way for the \$1.4-billion Fulton Transit Center in lower Manhattan (opening 2014), Dewberry provided MTA–New York City Transit with asbestos, lead-based paint, and hazardous materials management survey, abatement design, and project monitoring for five buildings that were demolished and one historic building that was restored.

be used to confirm negative and inconclusive results, pursuant to the recommendation of the EPA and State of New Jersey for asbestos identification per NJAC 12:120, *Asbestos Licenses and Permits*.

Lead-Based Paint Survey

Based on the pre proposal meeting for this project, it is our understanding that the structures being demolished under this contract will primarily be residential structures. Therefore, disturbances of paint containing detectable levels of lead during demolition activities are subject to the OSHA Lead in Construction standard (29 CFR 1926.62), as well as all EPA and State hazardous waste disposal regulations. Under these guidelines, LBP is defined as having 5,000 parts per million (ppm) of lead or greater. Given the anticipated age of these structures, we believe that detectable levels of lead will be present in various onsite painted components as paint is still permitted to be manufactured containing lead in concentrations of up to 600 ppm. Since the structures are being demolished and will no longer be occupied, demolition activities are not subject to HUD guidelines for lead based paint.

Current federal and state regulations do not require that materials coated with detectable levels of lead be removed prior to demolition. However, activities involving the removal of paint with detectable levels of lead may require respiratory protection and medical surveillance in addition to OSHA required lead training. Contractors working at the site will be advised through technical specifications that paint with detectable levels of lead is likely present and that appropriate personal

protective equipment (PPE) should be used as required by regulations.

In addition, all wastes generated as part of the demolition will be tested in order to determine the classification of the various waste streams. The EPA defines hazardous lead waste as waste containing 5 ppm identified by the Toxicity Characteristic Leaching Procedure (TCLP) which will be required for proper waste classification.

Chlorofluorocarbons (CFCs)

During the preliminary survey and site investigation of each structure, all CFC containing equipment, such as air conditioning units, refrigerators, and freezers, will be inventories and cataloged. Proper removal and disposal of this equipment will be stipulated within the bid specifications, and will be documented in the final report for each site with such equipment.

Polychlorinated Biphenyls (PCBs)

PCBs may be present in caulking, light ballast and other sources, and must be handled per EPA and NJDEP regulations.

Universal Waste Survey

A universal waste survey will be conducted to visually evaluate the presence of universal wastes, including PCB containing ballasts, mercury containing switches, fluorescent lamps, and refrigerants. The inspector will

inventory abandoned containerized materials observed which may include:

- Chemical products (e.g., acids, caustics, miscellaneous materials);
- petroleum products (e.g., fuel, hydraulic/motor oils, paints, thinners); and,
- gases (e.g., carbon dioxide, propane, refrigerants).

At this time, the inspector will also make observations as to whether the structure's building materials may be impacted by hazardous waste or petroleum hydrocarbons that may require decontamination, cleaning, special handling, and / or disposal prior to, or during demolition.

Site Investigation

If noticeable signs (e.g., visual, olfactory) of a potential petroleum or suspected hazardous substance discharge to the environment are identified, investigation of the suspected discharge may be necessary. Any investigation of potentially contaminated soils will be conducted in conformance with the *Technical Requirements for Site Remediation (TRSR, NJAC 7:26E)*, the *NJDEP Field Sampling Procedures Manual (2005, updated April 11, 2011)*, and other applicable guidance documents.

If an initial Site Investigation (SI) is deemed necessary, it likely will entail the collection of a limited number of soil samples within the area of the suspected release in order to determine whether there are contaminants of concern above the applicable soil remediation

standards (NJAC 7:26D) or screening levels. Initial soil samples collected as part of this SI will be analyzed for the most likely types of contaminants potentially released based on our observations at the subject property. If, upon the review of the laboratory analytical data, we determine that no targeted compounds are present above applicable soil standards and screening levels, no additional investigation or remediation will be warranted. If however, these data indicate the presence of a targeted compound believed to have originated from the suspected release (not a home heating oil UST), additional investigation or remediation will be warranted. Under these conditions, and in coordination with the NJDEP/DPMC, a release will be reported to the NJDEP Spill Hotline, and all future investigation and remediation activities will be conducted with Licensed Site Remediation Professional (LSRP) oversight.

Archaeological Review

As a federally funded project, this undertaking is required to comply with Section 106 of the National Historic Preservation Act (NHPA). Review of the potential impact on cultural resources is warranted. Such review will include review of proposed project plans and site conditions for project-related impacts to known and potentially unknown archaeological resources. Physical impacts include surface and or subterranean project impacts including demolition of buildings and site improvements, removal of utility service connections, excavation, backfilling, grading, removal and disposal of site and demolition debris, decommissioning of water wells and closing of sewerage disposal systems. In addition, historic

review is required for the removal of uprooted trees and woody debris within cemeteries; battlegrounds; historic landscapes; historic parks; undisturbed land; and historic districts (excluding public right-of-ways).

The purpose of the historic review is to verify that there are no adverse effects to historic properties as a result of the demolition practices. To minimize the potential to encounter archaeological resources, archaeological buffer zones will be established by a Secretary of Interior (SOI)-qualified archaeologist in areas that contain previously identified historic properties and areas of archaeological sensitivity. Resumes of the principal archaeologist(s) administering the buffers will be submitted to the NJHPO for approval. Based upon the protocols developed with NJHPO for the Blue Acres Buy-Out Program, we will consult with NJHPO and regulatory agencies throughout the work order.

The goal of the buffer zones is to provide a level of protection to avoid impacting archaeological resources and allow demolition services to proceed without delay. An SOI-qualified archaeologist will review the project plans with a focus on ground disturbing activities that could potentially impact archaeological resources. Based on the review of the proposed actions and relation to previously identified archaeological sites and archaeologically sensitive areas, an established buffer zone will be created. This buffer zone will be mapped and provided to the contractor prior to demolition activities. No ground disturbing practices will be performed within the buffer zone. In the event archaeological resources are encountered at any time,

the contractor will cease work immediately and proper agencies will be contacted.

Based on our experience managing work in archaeological buffer zones on the NJDEP Waterway Debris Removal Project, we recommend that Dewberry develop a "Demolition Archaeological Work Plan and Protocol Procedures" document that will include types of archaeological resources as well as contact information and policies and procedures to follow to carry out Section 106 compliance. As part of Section 106 compliance, archaeological monitoring during particular demolition activities may be warranted in areas of high archaeological sensitivity. This archaeological monitoring will be conducted to enforce established buffer zones and carry out protocols for any unanticipated and/or unexpected discoveries. These protocols would be defined within the "Archaeological Work Plan and Protocol Procedures."

Specific tasks associated with this scope of work include:

- Review of NJDEP GIS database for previously designated (known) historic properties;
- Review of New Jersey State Museum, Bureau of Archaeology and Ethnology archaeological site files for previously recorded archaeological sites within the project area;

- GIS mapping of all established archaeological buffer zones; and
- Creation of "Demolition Archaeological Work Plan and Protocol Procedures."

Flood Hazard Area Permit Applicability

FEMA and NJDEP mapping will be consulted to determine if the structure is in a Flood Hazard Area (FHA) or floodway.

Subsurface Geophysical Survey

If the Initial Site Visit determines there is a potential for USTs, a septic field, or other subsurface features based on the structure's heating source, sewage discharge (septic or sewer), and visual inspection of the property, a Ground Penetrating Radar (GPR), Magnetometer, or Electromagnetic survey will be conducted to identify and locate subsurface anomalies. The survey will encompass all accessible areas of the site to identify detectable subsurface structures. The results of the geophysical survey will be evaluated to identify features that need to be addressed as part of demolition or remediation design and subsequent activities. We understand that USTs are to be removed before the property is issued for a TC-008 Work Order.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Environmental Specialists (conducts field investigation)
- SOI-qualified Archaeologist (performs archaeological review)
- Site investigation personnel, if required
- Geophysical contractor engaged by Work Order Manager
- Civil Engineer (performs FHA permit applicability)

6. Project Scoping

Following the completion of our Preliminary Survey and Site Investigation, a project scoping document will be prepared for each structure and will include survey observations, data collected, and analytical results. This document will summarize the activities completed, methodologies utilized, samples collected, and any applicable laboratory results. The Project Scoping Document report will include:

Property Description

Provide the property description, survey, photos and any other information obtained during the Initial Site Visit and Preliminary Survey and Site Investigation.

Utilities

Provide the utility history and disconnection information.

Hazardous Materials

Summary of the results of the hazardous materials survey, including details regarding ACM, LBP, CFCs, PCBs, and universal waste. Estimates of quantities and recommendations for addressing each material identified at the property will be included with the bid specifications so that the contractors will be able to provide accurate bids for the handling of Hazardous Materials as part of demolition activities for each structure.

Archaeological

If archaeological resources were identified, the SOI-qualified archaeologist(s) will establish, at a minimum,

a 50-foot radial buffer around the resource. Based upon the SOI-qualified archaeologist's professional judgment, this buffer may be expanded and/or contracted due to various criteria such as the size of the resource.

Well (if present)

Provide well information obtained during the Initial Site Investigation and provide the "NJDEP Well Decommissioning Report" form for the contractor.

Septic

Septic System abandonment – furnish septic system information obtained during the Initial Site Investigation and provide for abandonment in accordance with NJAC 7:9A-12.8 *Abandoned Systems*. The contractor will need to provide documentation that the Septic System is pumped and filled during the demolition process.

LEVERAGING OUR KNOWLEDGE OF OUR CLIENTS

Dewberry was tasked with managing a \$300-million, 17-mile-long highway widening program that involves four design engineers and four contractors, as well as extensive coordination among numerous parties including NJ Turnpike Authority (client), NJDOT, Ocean and Monmouth counties, multiple municipalities (Toms River, Lakewood, Brick, and Wall), utilities, regulatory agencies, and the public.

Based on our knowledge of the NJTA's policies and procedures, governing regulations and regulatory



agencies, and engineer / contractor practices, we established an effective management process for design reviews and revisions, and quality control that enabled the project to gain all necessary approvals and meet all schedule milestones. Our program was flexible enough to accommodate challenges while rigid enough to successfully coordinate this critical project to meet all schedule milestones.



Permits Obtained by the Consultant

SESC Permit

Demolition activities with accompanied soil disturbance of 5,000 square feet or greater require Soil Erosion and Sediment Control (SESC) plan certification by the local soil conservation district prior to the issuance of a demolition permit. It is anticipated that demolition of some of the structures will exceed this disturbance when considering the removal of driveways, walkways, porches, decks and other ancillary structures in addition to the structure itself. Areas must also be added for construction equipment disturbance as part of the demolition. Based upon the survey and information obtained during the initial site visit, the proposed area of disturbance will be estimated and a plan will be prepared. If the local district requires more than two weeks to issue the certification, we are assuming that NJDEP will request an expedited process similar to what was arranged for Post Superstorm Sandy demolition under Executive Order 104. In either case, the SESC application will be submitted early in the process to prevent delays.

Flood Hazard Area Permitting

In the case of demolition/removal of a structure within a floodway, that is not eligible for the Permit by Rule b(2), we anticipate that the NJDEP would issue an emergency or expedited permit that would meet the requirements for a Flood Hazard Area Individual Permit (IP). Under the NJDEP's Waterway Debris Removal program, the NJDEP issued emergency permits for actions that under other circumstances

would require lengthy permitting processes. Should the NJDEP not issue an emergency or expedited permit, the 90- to 120-day review period for a Flood Hazard Area IP would push a task out of the 90-day schedule. For the IP, we would document that the action would properly stabilize disturbed areas and that no or minimized vegetation will be cleared in the riparian zone. We do not anticipate preparing hydraulic analyses to demonstrate that the removal will not affect other properties.

RESPONSIBLE PERSONNEL:

- Work Order Manager
- Civil Engineers (permitting specialists)
- Environmental Specialists
- SOI-qualified Archaeologist

7. Prepare Bid Documents

With Project Scoping Documentation (which will be part of the bid documents) complete, a bid specification package will be prepared for NJDEP/DPMC to solicit demolition contractors. This package will include a demolition plan, administrative and general requirements of the work to be completed, and will outline the responsibilities of the contractor, owner, and owner's representative/construction manager.

Since the scope of the specifications can vary widely—and potentially include environmental remediation, utility disconnections, well closure, and septic tank/field closure in addition to demolition activities—a

comprehensive bid specification will be developed at the onset of the program that encompasses all potential components. This specification will be tailored to each structure for demolition based on the information collected during our Initial Site Visit and Preliminary Survey and Site Investigation activities. This approach will provide consistency and familiarity throughout all bid specifications, improving contractor responsiveness and competitiveness of their bids. General items within the bid specifications and plans would include:

- Demolition of building and site improvements, including allowed demolition techniques and pre-demolition checklist;

- ACM and LBP reports
- obtaining additional permits other than those that are the responsibility of the consultant, including plumbing (for utility disconnections), asbestos, AST removal, and others;
- required dates for pre-demolition tasks;
- vector control (mammals including rodents, birds, insects);
- removal of utility service connections: disconnection of water and sewer services not performed by

POLARIS PARK DEMOLITION & DOLPHIN GARDENS

Dewberry provided complete investigation and demolition design of 152 two- and four-bedroom family housing units. Demolition included design for the removal of 152 family housing units, 30 carport structures, selected roads, driveways, sidewalks and common area structures located in Polaris Park. Hazardous materials such as asbestos, lead-based paint, underground storage tanks, contaminated soils, and other environmental concerns were a significant

factor. A geotechnical study included 13 soil borings and 120 soil probes to investigate existing soil conditions and to address the presences of fill material located at the site as a result of a previous demolition project in which 382 family housing units were demolished and concrete and brick from those units was crushed on site and used as fill material. The utility investigation involved the review of existing electric, storm and sanitary sewers, and the water distribution system on the



proposed building site. The project involved complete design documents, including plans, specifications, and cost estimates.

the utility companies and removal of utility lines following decommissioning, where required;

- excavation, backfilling and grading with use of recycled materials where possible and allowable by regulation;
- removal and disposal of site and demolition debris including waste segregation, classification and disposal as well as proper waste facility selection for classified waste;
- ACM and LBP abatement, including proper enclosure, monitoring and certification requirements;
- removal of AST(s) by a licensed contractor, post removal sampling if evidence of a spill exists, and proper venting and removal of waste liquids;
- decommissioning of water wells, including specifications for pump removal, well sounding and grouting of well;
- closing of sewerage disposal system, including septic tank and system removal in accordance with NJAC 7:9A-12.8; and
- archaeological buffer zone mapping, if applicable.

The specifications will also provide the project requirements to be adhered to by the demolition contractor, including applicable environmental regulatory requirements pertaining to any ACM, LBP, PCB, and dust that may be present. Specific

items to be addressed in the specifications will include such items as:

- Performance-based technical specifications;
- Work description and project approach;
- Use of premises and project coordination;
- Phasing and sequencing of work;
- Protection of existing equipment and utilities;
- Access availability;
- Concrete recycling, if possible;
- Required notices and submittals;
- Hazardous material abatement;
- Air monitoring;
- Minimum worker safety requirements;
- Work containment requirements;
- Minimum requirements for project completion; and
- Demolition Archaeological Work Plan and Protocol Procedures, if desired by NJDEP.

Our schedule allows for bid documents to be reviewed by the DPMC prior to documents being finalized.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist
- Construction Inspector (reviewer)
- Quality Assurance Manager (reviewer)

8. Bid Support Services

Dewberry proposes the following activities during the Bidding and Contract Award Phase:

- Chair Pre-Bid Conference/Mandatory Site Visit (if necessary)
- Prepare Bulletins
- Respond to contractor questions, clarifications, and RFIs
- Develop bid addenda, if required
- Perform post bid review, arrange, and attend the bid review meeting, and provide a recommendation for contract award

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist

BID SUPPORT FOR 125-ACRE HEALTHCARE CAMPUS

Dewberry provided bid phase support services, including pre-qualification and solicitation of contractors, scheduling and conducting pre-bid meetings, fielding and issuing responses to contractor questions, preparation of bid document bulletins and addenda, performing post-bid reviews, contract negotiations and owner review meetings, and recommendations and notifications for contract awards, for this 125-acre healthcare campus in Voorhees, New Jersey.

This new 680,000-square-foot hospital and 315,000-square-foot ambulatory care center required demolition of 12 homes. The project encompassed

approximately 60 acres of site development including campus roadways, parking areas, stormwater management facilities and passive recreation areas.

Dewberry's design included ten infiltration basins, 40 acres of wetlands, vegetated swales, and numerous rain gardens to manage peak run-off, treat stormwater, and promote groundwater infiltration.

We were responsible for obtaining a long list of permits and approvals, including an NJDOT Major Access permit



and Planning Review, Pinelands Commission approval, and NJDEP Flood Hazard Area and Wetlands permits. The campus design, offsite roadway improvements, and regional pumping station required preparation of more than 500 plan sheets.



9. Pre-Demolition Tasks (following award to a contractor)

Tasks to be performed by the contractor prior to consultant obtaining Demolition Permit may include:

- Call for utility mark-out;
- decommission well (Licensed Well Driller) and provide report;
- cut & cap sewer and water (licensed plumber and permit required from DPMC/NJDCA);
- pre-demolition notices;
- community outreach, including local residences and local government officials
- asbestos and/or lead abatement permit (if required);
- verify utilities released
- decommission onsite drainage system (if required)
- archaeology:
 - If the contractor determines a historic buffer must be encroached upon, the contractor must notify Dewberry prior to any removal or disturbance activity being undertaken. At that time the SOI-qualified archaeologist will identify known archaeological sites within the work area. Based upon professional judgment, the SOI-qualified archaeologist will either:
1) establish a modified buffer zone around the archaeological site and enforce a new no work zone, 2) work with the contractor to establish a directional approach and demolition and debris removal method for a specific sensitive area to

avoid disturbance of the resource, 3) determine if the removal methodology is such that the archaeological site will not be disturbed, and allow the contractor to proceed, and 4) notify the appropriate agencies (e.g., NJHPO, FEMA) of the activity.

- If the contractor determines a historic buffer must be impacted during the demolition process, and it is determined by the SOI-qualified archaeologist that the historic buffer may not be changed, altered and/or impacted for the specified demolition activity, further consultation with the appropriate state and federal agencies will be warranted to complete Section 106 review for that specific historic resource.

Consultant oversight is important during this phase as critical work must be performed by the State's selected contractor (and subcontractors) in order to obtain the necessary certifications and releases required to obtain a demolition permit.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist



10. Obtain Demolition Permit

Dewberry, with coordination provided by the State's contractor, will obtain the Demolition Permit for the project once the asbestos is cleared, the utilities are disconnected, and sanitary sewer and water is capped (during the pre-demolition construction phase). The following items will be documented and submitted to the DPMC for issuance of the demolition permit by NJDCA:

- Plans and specifications for the demolition;
- service disconnections for all services (e.g., water, sewer, electric, gas, cable, telephone);
- potable water or irrigation well – certification that the well has been properly abandoned in accordance with NJAC 7:9-9;
- septic system – documentation that the system has been abandoned in accordance with NJAC 7:9A-12.8;
- proof of notices to adjacent property owners;
- asbestos abatement certificate;
- vector control - extermination certification or rodent free certification;
- SESC Certification, if applicable; and
- Flood Hazard Area Permit, if applicable.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Civil Engineers
- Environmental Specialists

SAVING TIME WITH UNIFORM CONSTRUCTION CODE PERMITS

As part of Dewberry's cellular communications practice, we routinely file UCC permits on behalf of carriers to expedite the approval process, allowing contractors to focus more in the construction aspects of the project rather than the paperwork. We understand the importance of obtaining UCC permits in a timely manner and all of the preparation work that is required.



11. Demolition

During demolition activities, we will provide construction administration and oversight services, as well as monitoring of remediation activities. Specific activities include:

- Project Meetings, correspondence, and both pre- and post-construction activities
 - Pre-construction meeting;
 - Pre-abatement/demolition submittals review;
 - Progress meetings;
 - Communication with the contractor;
 - Post-abatement/demolition submittals review
 - Contractor daily logs;
 - Contractor air monitoring results;
 - Contractor record drawings; and
 - Waste stream disposal verification
 - Closeout meeting
- On-site oversight and inspection
 - Periodic oversight of activities for compliance with codes, regulations, standards, and requirements of the plans and specifications; and
 - Documentation of abatement and demolition activities.
- Archaeological monitoring in areas of high archaeological sensitivity and buffer zones where proposed demolition impacts will require substantial

ground disturbance within close proximity to the buffer zone.

Should unknown archaeological resources be disturbed during the demolition process, the contractor will immediately stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to its finds. Should the program include a "Demolition Archaeological Work Plan and Protocol Procedures Plan" as recommended above, all procedures for reporting such actions will be outlined in the Work Plan.

Part-time inspection is anticipated at key project milestones stipulated with the design specifications, including:

- preconstruction meeting;
- utility disconnect or closure;
- final abatement inspection;
- demolition; and
- closeout meeting.

Contract administration services will also be provided, including:

- review of contract submittals;
- response to contractor RFIs;
- invoice review and approval for payment;

- change order requests; and
- project closeout meeting and documentation.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Construction Inspector
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist



12. Prepare and Submit Closeout Documentation

Following the completion of abatement and demolition activities, we will prepare a project closeout report, which will include permits and documentation of abatement and demolition activities, including dates of work, work procedures, air sampling results, project monitoring reports, final air clearance results, waste stream disposal documentation, and other relevant project information.

Closeout documentation will include:

- Final site plan
- Copies of manifests
- Well closure report
- Board of health approval for septic closure
- Recycling plan
- Test reports
- Pre- and post-demolition photographs
- Documentation for imported fill
- Copies of inspection reports
- Copies of permits
- Certificate of acceptance
- Archaeology summary report documenting pre-demolition buffers and demolition activities, as applicable. Submit to NJHPO.

We will supplement the documentation above with items required for FEMA/HUD reimbursement, including:

- contractor RFPs (in part to support compliance with targeted small, minority, and low income contracting);
- pre-bid meeting sign-in sheets;
- responses to Contractor pre-bid meeting questions; and
- executed contracts.

PERSONNEL RESPONSIBLE:

- Work Order Manager
- Construction Inspector
- Civil Engineers
- Environmental Specialists
- SOI-qualified Archaeologist

Typical Project Schedule

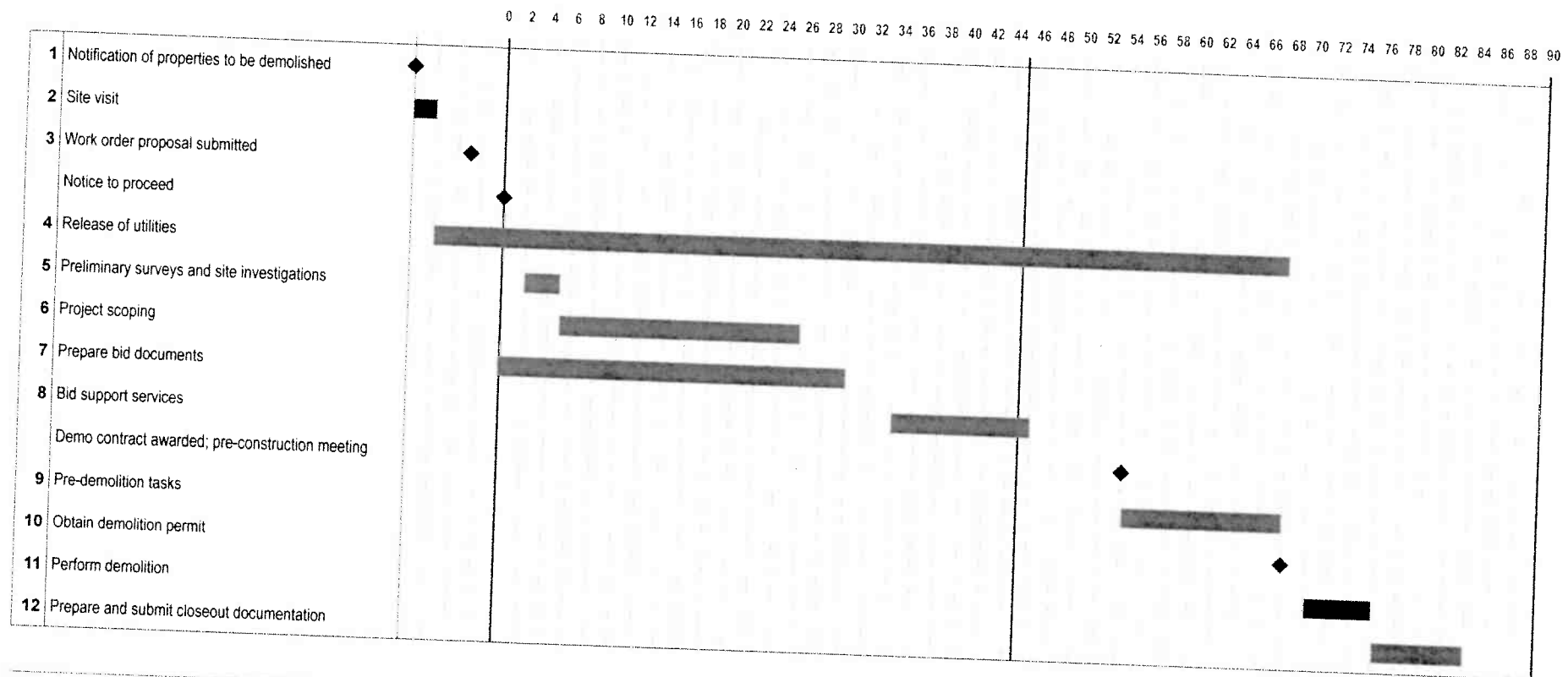
We understand the importance of completing the demolition work within 90 days to comply with funding requirements, and we have reviewed all tasks and workflow processes to devise a schedule, shown in Figure 6 below, which meets this requirement.

This schedule shows demolition permits being obtained approximately 68 days from notice-to-proceed while Addendum A indicates the design and permit approvals should be completed in 45 days. The

schedule reflects situations where the State's contractor will be responsible for activities that could delay DPMC/NJDCA from being able to issue a Demolition Permit (e.g., asbestos abatement, some utility disconnections, well abandonment). In these circumstances, design/bid documents will still be prepared within 30 days of notice-to-proceed. We also believe it will still be feasible to complete demolition activities and closeout documentation within the required 90-day period.

One of the most critical and time consuming tasks will be the utility disconnections. As this process typically takes several weeks, identifying and preparing disconnection requests following our Initial Site Visit should may save time. Immediately after receiving notice-to-proceed, we will file the disconnection requests. Our schedule also reflects shorter-than-normal code review and bid phase periods, both of which are critical to completing the work within 90 days.

Figure 6: Typical 90-day project schedule for Work Orders.



Contingency Plans for Dealing with Problems and Correcting Errors that Occur

Table 8: Potential Problems and Solutions

Potential Problem	Solution
Private utilities delaying disconnections and road opening permits	Prepare utility correspondence following initial site visit so that we can initiate contact immediately upon Notice-to-Proceed. Maintain persistent follow up to verify schedule. Schedule coordination meetings with key utilities as appropriate.
Bureaucratic delays in permitting, approvals	Leverage resource agency relationships and Dewberry's respected reputation to cut red tape and expedite permitting and approvals. Schedule pre-application meetings as necessary.
Federal agency declining reimbursement	Engage Dewberry's national experts on federal reimbursement who have proven their ability to support the state of New Jersey in maximizing reimbursements. Define guidance protocols at the onset of the program.
Meeting the 90-day deadline	Stick to our schedule that maps a stepwise approach beginning eight days before Notice-to-Proceed, includes proactive measures to verify schedule maintenance, and is based upon experience from hundreds of similar tasks. Proper preparation of the technical specifications will be necessary to best support the contractor's performance. Provisions to accelerate on-site assets, extend work days/hours, and penalty provisions will be included.
UST discovery	Address after demolition of the home to keep the project on schedule; specify proper protection and containment of UST during demolition.
Unanticipated conditions (other than USTs)	The key to maintaining schedule and control costs when unanticipated conditions are encountered is to carefully craft the technical specifications for flexibility. Defined unit costs requested in the bid, response timeframes, and schedule definition are several examples. Should unexpected ACM be revealed during demolition, obtain emergency permit per NJDOL protocol.
Uneducated contractors finding archaeological resources	Create "Demolition Archaeological Work Plan and Protocol Procedures" guidelines and provide training session for prequalified contractors
Unexpected archaeological discoveries cease demolition work	Conduct archaeological monitoring during ground disturbance activities in areas of high archaeological sensitivity. Qualified archaeologists can make an immediate in-field assessments and carry out agreed-upon protocols for archaeological discoveries.
Neighbor protests demolition activities	Engaging procedures developed with DPMC/NJDEP, notify neighbors and local government officials of plans, schedules, and benefits of the program.
Improper historic waste disposal is encountered during demolition	Determine if work can proceed safely and, if not, use provisions within the technical specifications to provide Emergency Response and Removal. Provide provisions to isolate area to allow work to proceed.
Contractor fails final asbestos inspection	Provide thorough review of contractor's work plan and schedule inspections at critical points; confirm inspection results are totally understood by contractor; include penalty provisions in technical specifications for failure.
House is determined to be unsafe; entry is not possible	Regulations provide provisions for the demolition of unsafe structures that may contain ACM. ACM that can be removed safely will be completed; for the remainder, special dust suppression measures, air monitoring, and waste characterization and disposal provisions, among other items will be specified.



EARLY COLLABORATION AVOIDS DELAYS

On Dewberry's contract to manage the NJDEP's Superstorm Sandy Waterway Debris Removal, we collaborated with resource agencies and a myriad of stakeholders to obtain emergency permits and expedited approvals, and to develop and implement protocols for working in areas of sensitive natural and cultural resources.

Policies and Procedures for Maintaining Quality Control and Conducting Inspections and Oversight of the Work

Dewberry's Quality Assurance Plan is described in Section 1 of this proposal.

Focusing on delivery and funding eligibility, we will engage quality control tools for all phases of work under this contract. Tools include:

- **Reimbursement Compliance Checklist.** Given that the NJDEP has not identified a single source for funding residential demolitions, the Demolition Consultant and Contractor activities will need to be fully documented to be defensible against FEMA, HUD, and other funding sources. Dewberry's Reimbursement Specialist Paul Manno will develop a Compliance Checklist for items required under FEMA and other reimbursement programs. The Compliance Checklist will become part of each Work Order, with regular reviews to verify that Checklist items are secured at key milestones.
- **Data Collection Tablets with Standardized Checklists.** Personnel conducting the Initial Site Visits and Preliminary Surveys/Site Investigations will be equipped with Windows-based tablets that have integrated GPS and cameras. Collecting the site data digitally results in fewer errors in transposition from hard copy to the digital environment. Integrating the camera and GPS with the tablet facilitates linkage to data files. Digital data collection results in quick, consistent data collection without sacrificing quality. We have used these tablets on other contracts, including the FEMA Substantial Damage Evaluations in eight New Jersey coastal counties following Superstorm Sandy, and will adapt them for use on TC-008.

- **Standard Specifications.** Given the repetitive nature of preparing demolition specifications for residences in the program, we will develop a standard comprehensive bid specification that includes all potential components. All specifications will be based on the standard specification to provide consistency, reduce errors and omissions, and improve contractor responsiveness/competitiveness. We recommend that the NJDEP consider issuing a standardized bid specification to all Demolition Consultants under TC-008. These standard specifications will be tailored for individual bid packages.
- **Schedule Tracker.** The schedules of our multiple, concurrent Work Orders will be available in a

Schedule Tracker that provides the management and project team with at-a-glance information on the phase of each demolition and milestones, to verify that projects stay on the critical path and meet the 90-day deadline.

- **Data Review.** Our internal QA process includes deliberate steps to verify laboratory data reports, conducted by a qualified professional.

OUR QUALITY CONTROL TOOLS FOCUS ON EFFICIENCY AND CONSISTENCY

Dewberry, as managing partner of the Partnership for Response and Recovery (PaRR), has provided inspection and program management services to FEMA's Housing Inspection Services (HIS) program for the past 11 years under three separate contracts. PaRR attained a peak production of 19,000+ inspections in one day and sustained production of 10,000+ inspections for 48 continuous days following Hurricane Katrina. During the 2005 hurricane season, PaRR successfully managed the deployment of over 2,900 housing inspectors and completed over one million housing inspections. *We have developed and refined quality control tools to focus on efficiency and consistency on residential survey/inspection programs.*



Understanding and Knowledge of DPMC and NJDEP Procedures and Processes

Having worked on a number of projects with the DPMC Contracts and Procurement Unit, Bureau of Design and Construction, and the Plan and Code Review Unit, we are familiar with the current DPMC policies and procedures, including those for Work Order projects. The personnel identified in this proposal are familiar with the procurement, design, code review, and construction policies and procedures that the DPMC uses. Our knowledge of the specific forms, meetings, and other requirements will help to streamline our work under this contract. We are familiar with the typical DPMC processes and requirements for typical design, bid, and construction projects such as the design and permit submission requirements, bidding and award

procedures (including the consultant's responsibility for items such as pre-proposal meetings and recommendations of award), and typical construction services including attendance at meetings, preparation of meeting minutes, and closeout procedures. Through our work on TC-007, we are experienced with the DPMC and NJDEP Work Order process, including the method in which assignments are made, the information required from the consultant for each Work Order, and the process in which Work Orders are typically reviewed and approved. We have recently permitted several projects, including the Sanitary Sewer Connection for the New Jersey Training School for Boys and numerous NJDOT projects, through the

DPMC Plan and Code Review Unit and the NJDCA Division of Codes and Standards, and thus are very familiar the associated processes and the required plan and permit approval submittals.

We work daily in association with various departments of the NJDEP including the Division of Land Use Regulation. Our familiarity with the Department's processes and staff will enable us expedite any permits or other issues involving the NJDEP. Through our close collaboration with NJDEP on the Waterway Debris Removal Program, we bring valuable insights into the Department's processes and goals—which will yield time and ultimately cost savings on this contract.

Knowledge and Familiarity with FEMA and HUD Requirements

Dewberry has worked with FEMA reimbursement programs for decades. No company has worked on FEMA's Public Assistance program longer than Dewberry. Our staff includes Hazard Mitigation Assistance (HMA) grant program experts, including former State Hazard Mitigation Officers. Our team includes the very leaders who helped create today's disaster and mitigation programs.

We know the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), and Flood Mitigation Assistance (FMA) program. Our experience also includes HUD reimbursement; in fact in this Post-Sandy world, we are collaborating with HUD to shape documentation that will meet CDBG-DR funding.

We understand the challenges in navigating these policies and will provide guidance and counsel to best serve the needs and goals of NJDEP. Our firm has personnel with technical backgrounds and experience in architecture and engineering who also understand disaster mitigation—a rare combination of skills.

FEMA and HUD disaster recovery programs, as well as state grant and open space programs, are based upon policies and criteria consistent with state financial management principles. Costs are a significant attribute or outcome of those programs, but adherence to the eligibility criteria is the more critical concern. Each program applies its own criteria for eligibility, requiring a level of experience and insight to know when and how to apply each program effectively. The portal to participation in any program is assuring the eligibility criteria are met.

Success at maximizing reimbursements will be largely dependent upon the application of eligibility criteria to each project. The more defensible and grounded in funding source policies a project can be, the more likely will be success at achieving full program funding reimbursement and clean performance audits. We know these eligibility targets and will guide efforts to develop a financial archive system grounded solidly in policies and doctrine.

We are experienced in collecting, scanning, and organizing the portfolio of single site documents, summarized by individual demolition project, to facilitate financial close out. We study state and federal Inspector General reports to fully understand how financing agencies view program financial management requirements, and pass what we learn on to our clients to increase their success in project reimbursement. For example, in addition the Project Close-Out Requirements listed in Section 7.4 of your RFP, we will collect items including copies of contractor RFPs (in part to support compliance with targeted small, minority, and low income contracting), copies of executed contracts, pre-bid meeting sign-in sheets, and written responses to contractor pre-bid meeting questions.

We can help the NJDEP to start recouping money from FEMA and other potential grant programs more quickly. Of course Dewberry professionals will help maximize the amount of the state's reimbursements—that's a given. But Dewberry's focus brings our expertise to bear on getting solid, clear solutions quickly, the first time – allowing NJDEP to get its

reimbursements obligated through the State and FEMA/HUD more quickly.

We have learned that the best approach for disaster grant management is through a collaborative effort that proactively engages the state and federal funding sources in a collegial and respectful environment. We have found this is the best approach when a state wants FEMA's or HUD's engagement and concurrence on eligibility and reimbursement issues that are not always clearcut. The state needs the federal agency's cooperation to gain concurrence where possible, in order to minimize ineligibility claims, appeals, and de-obligations of funds.

Likewise, we advocate for a collegial approach in managing contractors, tempered by a strong dose of command-and-control based on their contractual performance metrics.

EXISTING RELATIONSHIPS TO BUILD ON

Our experience working directly for NJDEP on the Waterway Debris Removal project provides Dewberry with a unique tool for the state; our existing relationships with both NJDEP and the decision-makers at NJOEM and FEMA can provide a unique advantage for NJDEP in maximizing your efficiencies and funding reimbursements for statewide demolitions.



TC-008
Demolition Consultant
Multiple Award Term Contract

Consultant Affidavit

IMPORTANT – Please read, sign and provide information requested below

Affidavit: I, being duly sworn upon my oath, hereby represent and state the foregoing information contained in the Term contract Proposal and any attachments thereto the best of my knowledge are true and complete. I acknowledge that the State of New Jersey (Owner) is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Owner, or its contractors, to notify the Owner in writing of any changes to the answers or information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreements(s) with the Owner and that the Owner, at its option, may declare any contract(s) or sub-contract(s) resulting from this certification void and unenforceable.

Signature of the Consultant below attests that the Consultant has read, understands and agrees to all terms, conditions and specifications set forth and referenced in the TC-008 Term Contract Request for Proposal (RFP) including the General Conditions to the Demolition Consultant Term Contract TC-008. Signature of the Consultant signifies that a contract is established immediately upon notice of award by the State of New Jersey for any or all of the items and the length of time indicated in the proposal. Failure to accept a contract award, to hold prices or to meet any other terms or conditions as defined in the Request for Proposal and subsequently the Notice of Award, during the term of the contract, shall constitute a breach of contract and may result in termination, suspension or debarment from further contractual agreements with the Owner.

Signature and Title of Principle or Individual of the firm authorized to sign contractual documents:

Firm Name: Dewberry Engineers Inc.

Signature: 

Print Name: Christopher Cirrotti, PE, PP, CME LEED AP BD+C

Title: Associate Vice President

Date: January 8, 2014

ATTESTED: Sworn and subscribed to before me on the 8th day of January 2014.

Signature: 

(Notary Public—Not an Officer of the Firm)

DAVID WAINGER

ID # 2411705

NOTARY PUBLIC OF NEW JERSEY

My Commission Expires 8/25/2016

RETURN THIS COMPLETED DOCUMENT TO DPMC
(PAGE 1 OF 3)

Term Contract TC-008

Date: 11/13



TC-008 TERM CONTRACT RATE SCHEDULE BY PERSONNEL LEVEL

NAME OF FIRM: Dewberry Engineers Inc.

INSTRUCTIONS

Provided a **LOADED** hourly rate (\$ per hour; no cents please) below for all **Personnel** included in each of the **Levels** listed. Please refer to the RFP for a description of each of the personnel types by level. Your proposal may be considered unresponsive if you leave blanks.

PERSONNEL TYPE/DISCIPLINE	TERM CONTRACT HOURLY RATES PER CONTRACT PERIOD		
	BASE (3 YEARS)	EXTENSION OPTION—YR 4	EXTENSION OPTION—YR 5
LEVEL 7	\$175	\$185	\$189
LEVEL 6	\$165	\$175	\$179
LEVEL 5	\$155	\$165	\$168
LEVEL 4	\$120	\$128	\$130
LEVEL 3	\$90	\$96	\$98
LEVEL 2	\$81	\$86	\$88
LEVEL 1	\$70	\$75	\$76
AVERAGE RATE (ALL LEVELS) Please calculate for Levels 7-1	\$122	\$130	\$133

**RETURN THIS COMPLETED DOCUMENT TO DPMC
(PAGE 2 OF 3)**

Authorized Signature: _____

Term Contract TC-008

Date: 11/13





State of New Jersey

DEPARTMENT OF TREASURY
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION
P O BOX 034
TRENTON NJ 08625-0034

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

ANDREW P. SIDAMON-ERISTOFF
State Treasurer

STEVEN SUTKIN
Director

DATE: December 20, 2013

TO: KS Engineers
Environmental Resolutions
Dewberry
The RBA Group
The Louis Berger Group
Maser Consulting
Naik Consulting Group
Greenman Pedersen
Van Cleef Engineering Assoc.
CDM Smith
Omland Engineering Assoc.
Richard A. Alaimo Assoc.

SJH Engineering
LAN Associates
Van Note-Harvey Associates
Langan Engineering & Env. Svcs.
Maitra Associates
URS Architects/Engineers
Hatch Mott MacDonald
Jarmel Kizel Architects and Engineers
McNally Engineering
Distinct Engineering Solutions
Liro Engineers
STV, Inc.

FROM: Richard M. Ferrara, Assistant Deputy Director
Contracts & Procurement Unit

SUBJECT: Addendum "A" dated December 20, 2013
Project P1103-00, Demolition Consultant Multiple Award (TC-008)

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

Division of Property Management & Construction
Contracts and Procurement Unit
Attention: Catherine Douglass
P.O. Box 034, Trenton, NJ 08625-0034
Fax #: (609) 777-1970
Email: catherine.douglass@treas.state.nj.us

December 23, 2013

Date Received

Dewberry Engineers Inc.

Firm Name

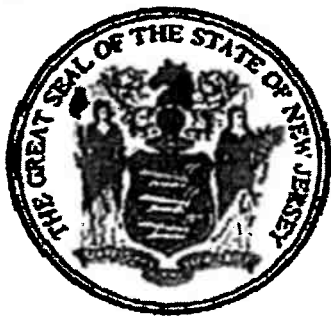
600 Parsippany Road, Parsippany, NJ 07054

Address

Signature

Associate Vice President

Title



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION
NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: DEWBERRY ENGINEERS, INC.
ADDRESS: 600 PARSIPPANY ROAD, SUITE 301
PARSIPPANY, NJ 07054-2715

☐ INITIAL ☒ REVISED ☐ RENEWAL

DATE OF ISSUE: JANUARY 8, 2014
EXPIRATION DATE: OCTOBER 31, 2014
FEDERAL ID NUMBER: 130 746 510

☐ MBE ☐ WBE ☐ SBE ☐ VOB

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input type="checkbox"/> ARCHITECTURE		<input type="checkbox"/> ROOFING CONSULTANT	
<input checked="" type="checkbox"/> ELECTRICAL ENGINEERING	5 MILLION	<input type="checkbox"/> ACOUSTICS	
<input checked="" type="checkbox"/> HVAC ENGINEERING	5 MILLION	<input checked="" type="checkbox"/> ASBESTOS DESIGN	NA
<input checked="" type="checkbox"/> PLUMBING ENGINEERING	5 MILLION	<input type="checkbox"/> ASBESTOS SAFETY MONITORING	
<input checked="" type="checkbox"/> CIVIL ENGINEERING	UNLIMITED	<input type="checkbox"/> CLAIMS ANALYSIS	
<input checked="" type="checkbox"/> SANITARY ENGINEERING	UNLIMITED	<input type="checkbox"/> TELECOMMUNICATIONS	
<input checked="" type="checkbox"/> STRUCTURAL ENGINEERING	UNLIMITED	<input type="checkbox"/> EXHIBIT/INTERPRETATIVE DESIGN	
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)		<input checked="" type="checkbox"/> FEASIBILITY PLANNING	20 MILLION
<input checked="" type="checkbox"/> SOILS ENGINEERING	UNLIMITED	<input type="checkbox"/> FIRE DETECTION SYSTEMS	
<input checked="" type="checkbox"/> FIRE PROTECTION ENGINEERING	5 MILLION	<input type="checkbox"/> FIRE PROTECTION SYSTEMS	
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	UNLIMITED	<input type="checkbox"/> FOOD SERVICE	
<input type="checkbox"/> MARINE ENGINEERING		<input checked="" type="checkbox"/> HYDRAULICS/PNEUMATICS	3 MILLION
<input checked="" type="checkbox"/> LANDSCAPE DESIGN	1 MILLION	<input checked="" type="checkbox"/> HYDROLOGY	NA
<input checked="" type="checkbox"/> PLANNING	UNLIMITED	<input type="checkbox"/> SECURITY SYSTEMS	
<input checked="" type="checkbox"/> LAND SURVEYING	NA	<input checked="" type="checkbox"/> SITE PLANNING	UNLIMITED
<input type="checkbox"/> AERIAL SURVEYING		<input checked="" type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	NA
<input type="checkbox"/> HYDROGRAPHIC SURVEYING		<input type="checkbox"/> ENERGY AUDITING	
<input type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS		<input checked="" type="checkbox"/> TRAFFIC	NA
<input type="checkbox"/> BUILDING COMMISSIONING		<input checked="" type="checkbox"/> TRANSPORTATION	UNLIMITED
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.		<input checked="" type="checkbox"/> WASTE/WATER TREATMENT	UNLIMITED
<input checked="" type="checkbox"/> DAM/LEVEE DESIGN	3 MILLION	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	
<input checked="" type="checkbox"/> BARRIER FREE/ADA DESIGN	UNLIMITED	<input type="checkbox"/> RENEWAL ENERGY CONSULTANT	
<input checked="" type="checkbox"/> ESTIMATING/COST ANALYSIS	NA	<input checked="" type="checkbox"/> CONSTRUCTION FIELD INSPECTION	UNLIMITED
<input type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING		<input type="checkbox"/> PROJECT MANAGEMENT	
<input type="checkbox"/> ROOFING INSPECTION		<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT		<input type="checkbox"/> STORAGE TANK REMOVAL	
<input type="checkbox"/> CPM		<input type="checkbox"/> STORAGE TANK INSTALLATION	
<input type="checkbox"/> ARCHAEOLOGY	NA	<input type="checkbox"/> PERIMETER SECURITY FENCING	
<input type="checkbox"/> GEOLOGY	NA	<input type="checkbox"/> INDOOR AIR QUALITY TESTING	
<input type="checkbox"/> VALUE ENGINEERING	NA	<input type="checkbox"/> LANDFILL CLOSURE	
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION		<input type="checkbox"/> LEAD PAINT EVALUATION	

PREPARED BY:

Bobbie Schott
BOBBIE SCHOTT
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodman
RICHARD S. FLODMAN
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS.
PLEASE RETAIN THIS FORM FOR YOUR RECORDS.



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: GZA GEOENVIRONMENTAL, INC.
ADDRESS: 55 LANE ROAD, SUITE 407
FAIRFIELD, NJ 07004

☐ INITIAL ☐ REVISED ☒ RENEWAL

DATE OF ISSUE: JANUARY 7, 2014
EXPIRATION DATE: DECEMBER 31, 2015
FEDERAL ID NUMBER: 042 393 851

☐ MBE ☐ WBE ☐ SBE ☐ VOB

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

☐ ARCHITECTURE
☐ ELECTRICAL ENGINEERING
☐ HVAC ENGINEERING
☐ PLUMBING ENGINEERING
☐ CIVIL ENGINEERING
☐ SANITARY ENGINEERING
☐ STRUCTURAL ENGINEERING
☐ MECH. ENG. (ELEV., CONVEYORS, ETC.)
☒ SOILS ENGINEERING
☐ FIRE PROTECTION ENGINEERING
☒ ENVIRONMENTAL ENGINEERING
☒ MARINE ENGINEERING
☐ LANDSCAPE DESIGN
☐ PLANNING
☐ LAND SURVEYING
☐ AERIAL SURVEYING
☐ HYDROGRAPHIC SURVEYING
☐ FIRE & LIFE SAFETY RENOVATIONS
☐ BUILDING COMMISSIONING
☐ BOILER/STEAM LINES/HIGH PRESSURE SYS.
☐ DAM/LEEVE DESIGN
☐ BARRIER FREE/ADA DESIGN
☐ ESTIMATING/COST ANALYSIS
☐ INTERIOR DESIGN/SPACE PLANNING
☐ ROOFING INSPECTION
☐ CONSTRUCTION MANAGEMENT
☐ CPM
☐ ARCHAEOLOGY
☐ GEOLOGY
☐ VALUE ENGINEERING
☐ HISTORIC PRESERVATION/RESTORATION

10 MILLION

5 MILLION
\$500,000

NA

☐ ROOFING CONSULTANT
☐ ACOUSTICS
☐ ASBESTOS DESIGN
☒ ASBESTOS SAFETY MONITORING
☐ CLAIMS ANALYSIS
☐ TELECOMMUNICATIONS
☐ EXHIBIT/INTERPRETATIVE DESIGN
☐ FEASIBILITY PLANNING
☐ FIRE DETECTION SYSTEMS
☐ FIRE PROTECTION SYSTEMS
☐ FOOD SERVICE
☐ HYDRAULICS/PNEUMATICS
☒ HYDROLOGY
☐ SECURITY SYSTEMS
☐ SITE PLANNING
☐ HISTORIC PRESERVATION CONSULTANT
☐ ENERGY AUDITING
☐ TRAFFIC
☐ TRANSPORTATION
☐ WASTE/WATER TREATMENT
☐ ENERGY MANAGEMENT CONTROL SYSTEM
☐ RENEWABLE ENERGY CONSULTANT
☐ CONSTRUCTION FIELD INSPECTION
☐ PROJECT MANAGEMENT
☒ ENVIRONMENTAL CONSULTANT
☒ STORAGE TANK REMOVAL
☐ STORAGE TANK INSTALLATION
☐ PERIMETER SECURITY FENCING
☐ INDOOR AIR QUALITY TESTING
☒ LANDFILL CLOSURE
☒ LEAD PAINT EVALUATION

NA

NA

NA

NA

NA

NA

PREPARED BY:

Bobbie Schott
BOBBIE SCHOTT
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodman
RICHARD S. FLODMAN
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS.
PLEASE RETAIN THIS FORM FOR YOUR RECORDS.