



## STATEMENT OF QUALIFICATIONS

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### ENGINEERING AND ENVIRONMENTAL SERVICES

**Marathon Engineering & Environmental Services, Inc.**

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## **I. INTRODUCTION**

### ***COMPANY PROFILE***

Marathon Engineering & Environmental Services, Inc. (Marathon) is a civil engineering and environmental consulting firm serving the Delaware Valley. Marathon's staff is comprised of engineers, planners, scientists, geologists and designers enabling us to handle a wide array of projects ranging from residential/commercial site planning to land use permitting to environmental due diligence services. Through our synergy of the engineering and environmental disciplines, we offer a unique approach to your project.

Marathon has created a niche in the development community because of our knowledge of the local, state and federal regulatory process that is essential for the success of every project. Our knowledge and experience results in a quality product, performed on-schedule and on-budget.

Our philosophical approach to every project is to first develop an understanding of the client's needs. This allows Marathon to develop a detailed scope of services within our proposal to meet your goals and objectives. As we proceed through the regulatory process, constant dialogue is maintained with the client and project team through project meetings, telephone calls and e-mail.

Marathon's Civil Engineering practice focuses on site planning, grading and utility design, stormwater management design, soil erosion and sediment control plans, cost estimating and expert testimony. Marathon's planning practice focuses on interpreting municipal zoning ordinances, land use planning and zoning analysis, and zoning variances. Our Environmental Services include environmental assessments, site investigations, remedial investigation, remedial action, environmental impact statements, wetland delineations, mitigation planning and federal, state and local regulatory permitting.

Our staff is assisted by the latest in technological equipment. Your engineering products are produced using AutoCAD 2006, providing state-of-the-art programming for our designers, thereby resulting in a quality product that serves to expedite the design process in a cost-effective manner. In addition, Marathon incorporates the latest state and federal Geographic Information System data to provide invaluable baseline data in the planning stages of your project.

### ***SCOPE OF SERVICES***

Marathon begins each project by acquiring a thorough understanding of our client's objectives for their proposed project. Based on these objectives, Marathon will prepare an intelligent, cost-effective proposal to meet the client's goals and time schedule, and will

prepare the required documents for submittal to the respective regulatory agency. Marathon is well-versed in applying the appropriate regulations to our client's projects. Our staff has the necessary skills, licenses and certifications to perform these tasks in accordance with the acceptable practices. The following is a list of Engineering and Environmental Services provided by Marathon:

- **Engineering Services**
  - Site Planning
  - Stormwater Management
  - Soil Erosion and Sedimentation Control Plans
  - Hydrologic/Hydraulic Analysis
  - Grading Plans
  - Landscape and Lighting Plans
  - Feasibility Studies
  - Utility Studies
  - Cost Estimating
- **Site Assessment**
  - Preliminary Assessment
  - Phase I Environmental Site Assessments
  - Phase II Site Investigations
  - Property Condition Assessment
  - Asbestos Survey
  - Indoor Air Quality Investigations
- **Brownfields Redevelopment**
  - Full Service Engineering & Environmental Services
  - Identification and Acquisition of Funding Sources
- **Underground Storage Tank Services**
  - Site Assessment/Investigations
  - Remedial Investigations
  - Hydrogeological Investigations
  - Tank Closure, Soil and Groundwater Remediation
- **Wetland Services**
  - Wetland Delineations
  - Wetland Permitting
  - Wetland Mitigation Plans
  - Threatened and Endangered Species Evaluations
  - Wetland Violation Resolution
- **Land Use Permitting Services**
  - CAFRA
  - Pinelands Approval
  - Waterfront Development Permitting
  - Stream Encroachment Permitting

- Freshwater Wetland Permitting
- Coastal Wetland Permitting
- Tidelands/Subaqueous Lands
- Wastewater Permitting
- Watershed Management Planning
- NPDES/NJPDES Permitting
- 50 or More Realty Improvement Certifications
- **Environmental Studies and Assessments**
  - Threatened and Endangered Species Evaluations
  - Environmental Inventories
  - Environmental Impact Statements
  - Fiscal Impact Statements
- **Planning Services**
  - Zoning Analysis
  - Land Planning
  - Use Variance

**COST AND SCHEDULE:**

When requested, we can provide fees for a specific scope of services including a proposed project time-schedule for completing the project. We are flexible in our approach regarding schedules and will adapt to meet our client's needs.

Marathon's standard hourly rates are as follows:

Principal Engineer (State Licensed PE).....	\$140/Hour
Principal Planner (State Licensed PP).....	\$125/Hour
Principal Environmental Scientist.....	\$125/Hour
Professional Engineer (State Licensed PE).....	\$110/Hour
Professional Planner (State Licensed PP).....	\$110/Hour
Senior Environmental Scientist.....	\$115/Hour
Senior Geologist.....	\$115/Hour
Project Manager.....	\$105/Hour
Staff Engineer (State Certified FE/FS).....	\$ 95/Hour
Environmental Scientist.....	\$ 95/Hour
Staff Engineer/Graduate Engineer.....	\$ 85/Hour
Cad Technician.....	\$ 75/Hour
Planning Aid.....	\$ 55/Hour
Application Processor.....	\$ 55/Hour
Secretary.....	\$ 35/Hour

**MARATHON CLIENTS:**

- Archer & Greiner, PC
- Baker Residential
- Bancroft
- The Bank of Gloucester County
- Berwind Property Group
- Boyd Gaming
- The Brickstone Companies
- Bridgeton Housing Authority
- The Butler Group
- Center Square Real Estate Dev. Co., Inc.
- City of Atlantic City
- Clear Channel Outdoors
- Comcast Cellular Communications
- The Community Builders
- Cooper Levenson
- The Curran Group
- DeLuca Homes
- DePaul Group
- Diocese of Camden
- D.P. Partners
- D.R. Horton Inc.
- Dunkin Donuts
- First Industrial Realty Trust, Inc.
- Flaster Greenberg
- Folsom Board of Education
- Franklin Township
- GBQC Architects
- Genco Homes
- Gloucester New Communities Co, Inc.
- Group Ten Builders
- The Hankin Group
- Hanson Aggregates
- Harvey Development Company
- Heritage Building Group
- High Concrete
- Interstate Realty Management
- J.S. Hovnanian and Sons
- Johnson & Johnson
- K. Hovnanian Companies
- Kling Architects
- KSS Architects
- Kvaerner U.S. Inc.
- Lenape Regional High School District
- LFT Realty Group
- Liberty Property Trust
- Lowe Enterprises Mid-Atlantic Inc.
- L.S. Power
- MCW Enterprises
- Manko, Gold, Katcher & Fox
- Mardeck, LTD
- Marriot Vacation Club International
- Matrix Developers
- Mullica Township
- Nave Newell
- New Jersey-American Water Company
- NJ Manufacturers Insurance Company
- Niehoff Endex North America
- Ole Hansen & Sons
- Omega Engineering, Inc.
- O'Neill Properties
- Patriot Homes
- Pennoni Associates Inc.
- Piersol Homes
- PNC Bank
- Pulte Homes
- Ragan Design Group
- Rastelli Foods
- Raytheon Aircraft Services
- Resorts International
- Richard Stockton College of New Jersey
- Rottlund Homes
- RT Environmental
- Ryan Homes
- Schoffer Enterprises
- SMS/Penn Jersey Rail Line
- South Jersey Gas Company
- Summit Ventures, L.L.C.
- Tim Schaeffer Communities
- Tornetta Realty
- Trammell Crow
- Tremont Realty
- Universal Supply Company
- U.S. Silica
- Wawa, Inc.
- Whitesell
- Woolwich Water Company, Inc.

## **II. ENGINEERING SERVICES**

Marathon's engineering, design, and supporting personnel have technical expertise and project management skills needed to guide any project from the conceptual design stage through construction documents to facility startup. With our extensive design experience, supplemented by our knowledge of local, county, state and federal regulations pertaining to site development, we can manage and design a variety of Civil Engineering projects. Our capabilities in site development engineering include but are not limited to the following:

- conceptual site layout, and property evaluations
- subdivisions
- site plans for residential, commercial, governmental and industrial development
- utility, road, and infrastructure design and supporting studies
- soil erosion control plans and slope stabilization
- permitting for site development at all levels
- expert witness testimony
- construction services
- recreational facilities including playing field, tot lots, and footbridges

Our site development experience is supported by our professional environmental consulting practice, which provides expertise in permitting requirements, regulatory compliance, and expert witness testimony.

We have provided consulting services for residential developers, major industrial parks, industrial facilities, institutions, government, and private sewer, water, and gas utilities. We start each project by acquiring a thorough understanding of our client's objectives for their proposed projects. Based on these objectives, Marathon will prepare an intelligent, cost-effective proposal to meet the client's goals and time schedule, and will prepare the required documents for submittal to the respective regulatory agency.

### **III. ENVIRONMENTAL SERVICES**

Marathon offers a full array of environmental services, including environmental investigations for due diligence/regulatory compliance; land use permitting; asbestos services; property condition assessment; and indoor air quality assessments and mold assessments. A description of these capabilities is provided below:

#### ***ENVIRONMENTAL INVESTIGATIONS***

Marathon's staff of scientists, engineers and geologists provides the technical expertise to perform various environmental investigations throughout New Jersey, Pennsylvania and Delaware whether it is an existing industrial site slated for redevelopment or an undeveloped agricultural site. With our staff of professionals' knowledge of federal and state regulations, we are able to guide our public and private clients through the due diligence process with the goal of obtaining liability protection. Our capabilities and experience include, but are not limited to the following:

- Phase I Environmental Site Assessments
- Site Investigation/Characterizations;
- Subsurface Soil and Groundwater Investigations;
- Underground Storage Tank Investigations;
- Hydrogeologic Investigations;
- Risk Assessments;
- Baseline Ecological Evaluations
- Turn-key Remedial Action Services

#### ***LAND USE PERMITTING CAPABILITIES***

Marathon applies high-quality project management and exceptional technical expertise in engineering and environmental sciences to complete various land use studies and permits, including wetland studies, delineations, permitting and mitigation, and expert testimony. We provide a technical team where individuals have extensive experience in wetland delineations and permitting applications, environmental assessments, and environmental impact statements.

Marathon has been assisting residential, commercial, industrial, and government clients with wetland issues and employs a multitude of professionals, fully knowledgeable in relevant federal, state and local legislation and regulations governing environmental management practices. Our wetland capabilities and experience include, but are not limited to the following:

- Preliminary Wetland Evaluations



- Wetland Delineations
- Wetland Functional Assessments
- Wetland Permitting
- Wetland Mitigation/Enhancement Planning
- Expert Testimony

### ***ASBESTOS SERVICES***

Accurate and reliable building inspections and surveys for asbestos-containing materials are carried out in accordance with local, state and federal regulations by Marathon's well experienced and highly trained professional staff that possesses a comprehensive knowledge in identifying asbestos uses and locations in buildings. Marathon coordinates scheduling with building managers to ensure that samples are collected in a discrete and safe manner so as to minimize damage to building materials and limit disruption of functional spaces, activities, and/or occupants. Results of surveys are presented and tailored to suit the client's needs. These results can be utilized by clients to make sound, cost-effective decisions relative to the in-place management, repair, or abatement of identified materials.

Should our clients desire to repair or abate identified asbestos-containing materials, Marathon's team can provide a complete and professional biddable package of plans and specifications, enabling abatement contractors to provide an accurate cost and schedule for addressing identified materials. Specifications include a description of procedures and work practices tailored to the material(s) identified and include monitoring services to be performed in accordance with local, state, and federal regulations. Specifications can be tailored to meet specific overall project objectives in terms of scheduling, sequencing, and coordination with general contractors overseeing multiple trades and tasks on site. Marathon can assist owners in obtaining bids from qualified, reputable abatement contractors, conducting a pre-bid walk-thru with potential contractors, and rendering clarifications of drawings and specifications. Marathon can assist the owner in selecting the contractor most appropriate for the project.

### ***PROPERTY CONDITION ASSESSMENTS***

The purpose of the Property Condition Assessment is to identify and communicate building physical deficiencies to a user for the acquisition or re-finance of a commercial property. This service can be required by the lending institution in addition to a Phase I Environmental Site Assessment when seeking financing for an improved property. Property Condition Assessments are conducted on all types of commercial properties, including shopping centers, apartment buildings, flex space, industrial buildings and multi-story office buildings.

Marathon conducts the Property Condition Assessment in accordance with ASTM E2018-01, Standard Guide for Property Condition Assessments, Baseline Property

Condition Assessment Process. The presence of conspicuous defects or material deferred maintenance of material systems, components or equipment are called out as physical deficiencies.

The results of the Property Condition Assessment are summarized in a Capital Reserves Analysis that provides a cost estimate for replacement or repair of physical deficiencies over the term of the loan including an overall cost, inflation adjusted cost and cost per square foot or per unit per year basis.

Marathon can provide both the Phase I Environmental Site Assessment and the Property Condition Assessment concurrently for a cost and time effective one-stop service for our Client's financing needs.

### ***INDOOR AIR QUALITY ASSESSMENTS***

Marathon offers Indoor Air Quality (IAQ) assessments for commercial buildings and private residences to address occupant complaints. Indoor Air Quality complaints can result from a multitude of reasons including poor air distribution, chemical or biological amplification (mold) and/or water intrusion.

Marathon works with the building managers/property owners to investigate the potential sources of IAQ complaints. Potential sources of IAQ problems include improperly designed or operating HVAC systems, building envelope intrusions, component off-gassing and/or occupant sensitivities. Working with the client, Marathon develops a site-specific investigation in accordance the Indoor Air Quality Association and the Association of Energy Engineers guidelines to address the complaints occurring at each site. Once complete, Marathon offers recommendations to remedy any identified problems.

### ***MOLD ASSESSMENTS***

Marathon personnel have the experience and accreditations to conduct comprehensive mold surveys to assess the risk posed to occupants from potential mold amplification. Because mold is ubiquitous, indiscriminate mold sampling most always results in detectable concentrations of mold. Marathon's approach to mold assessments is to first complete a thorough assessment of the building and building envelope before any sampling is proposed. Marathon uses its experience and powerful investigative equipment such as infrared thermography, and direct contact moisture meters to identify potential sources of water intrusion, the precursors to mold amplification.

If sampling is warranted, Marathon selects the appropriate type of sampling to quantify the problem. Sampling methods include air sampling using spore traps, wipe or bulk sampling and viable vs. non-viable analysis. Choosing the right sampling and analysis method is important in obtaining meaningful results for mold assessments.

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Unlike general purpose environmental consultants, Marathon uses properly trained engineers and technicians to provide practical and learned approaches to mold assessment and remediation. Marathon develops site-specific investigations and remediation plans in accordance the Indoor Air Quality Association, Association of Energy Engineers, The New York City Department of Health and other industry guidelines. If unacceptable levels of mold are revealed, Marathon can provide mold remediation oversight using qualified abatement professionals to mitigate the problem.

#### **IV. KEY PERSONNEL**

##### ***Rick Ricciardi, P.P., President, and Principal Environmental Scientist***

Mr. Ricciardi has 35 years of experience in all phases of federal and state permitting procedures and regulatory agency documentation including the preparation of permit applications under Section 404 of the federal Clean Water Act; Section 10 of the U.S. Rivers and Harbor Act; 401 Water Quality Certifications; CAFRA; Freshwater and Coastal Wetlands, Waterfront Development; New Jersey Pinelands Commission, Water Quality Management Plan Amendments, and 50 or More Realty Improvements Certifications. He has completed numerous environmental inventories, environmental assessment and impact statements, wetland delineations and mitigation proposals, and alternative analyses for residential, commercial and industrial developments and governmental projects.

He is responsible for the administration of all projects from proposal preparation to final close out. He is responsible for the development of the technical approach for proposals; interfaces with the client, attorney and the various disciplines (i.e., architecture, engineering, surveying, planning, transportation, etc.) on technical design and on scheduling; is responsible for quality assurance/quality control; and works with regulatory agencies on securing timely approvals through monitoring of applications and insuring that technical deficiencies are addressed.

##### ***Daniel J. Martin, Senior Environmental Scientist***

Mr. Martin has over twenty years experience in multiple aspects of environmental consulting with emphasis in environmental assessments, wetland identification and delineation and preparation of environmental documents. Mr. Martin has performed wetlands delineations for both the public and private sectors in New Jersey, Pennsylvania, Delaware, Maryland and New York. He has prepared environmental permit applications for Department of Army Section 10 and Section 404 Permits; Section 401 Water Quality Certificate, New Jersey Department of Environmental Protection (Stream Encroachment, Riparian, CAFRA, Freshwater Wetlands and Tidal Wetlands), New Jersey Pinelands Commission, Pennsylvania Dam Safety and Waterway Management (Chapter 105), DNREC Subaqueous Lands Permit, and Pennsylvania Flood Plain (Chapter 106). He has testified on wetland issues at the local, county and state levels and has been a third party expert witness in civil actions involving wetlands.

His involvement with soil issues includes stormwater basin failure investigation, the establishment of limiting zones for stormwater and septic systems, and residential/commercial septic system design.

Mr. Martin has been involved in rare and endangered species evaluation for both flora and fauna. This includes establishing monitoring programs and literature review to document absence, mapping of presence and project design changes to minimize impact for known species. He has also designed mitigation areas specifically for use by rare and endangered species.

***Thomas P. Béchard, P.E., Senior Engineer***

With an overall working experience in civil engineering spanning twelve (12) years, Mr. Béchard has been involved with providing consultant services on a diverse number of project types, including major industrial, commercial and residential land development projects, storm water management facilities, floodplain and stream encroachment matters, hydrologic/hydraulic studies, roadway design, and construction liaison services.

As a graduate engineer, Mr. Béchard was involved with a variety of projects in the South Jersey area. These projects included the design and construction inspection of various road reconstruction projects in Moorestown Township, St. Pius X sanitary sewer expansion in Blackwood, Riverfront State Prison Erosion Control project in Camden, as well as several residential subdivision projects in Blackwood, New Jersey. As an emerging engineer, Mr. Béchard relocated to the Northern Virginia area in the late 1990's. He expanded his design and project management experience on government projects including the expansion of the National Institutes of Health in Bethesda Maryland the FBI Lab relocation project in Quantico, Virginia, the M Street Beautification project in Washington D.C., Thomas Circle reconstruction in Washington D.C. the Griffith Water Treatment Plant in Occoquan, Virginia and the Quantico Physical Fitness center in Quantico, Virginia. Mr. Béchard was also involved in a number of commercial projects in the Northern Virginia area including Marriott Courtyard Hotel in Springfield Virginia, CVS Pharmacy in Chantilly, Virginia, the Cloverleaf Business Center in Germantown, Maryland, the Research Office Center in Rockville, Maryland as well as a number of school and church expansion projects.

Mr. Béchard relocated back to the Philadelphia area in the early 2000's. His commercial experience was broadened on land development projects including the New Hope Museum of Art, the International Paper demolition project in Durham, Pennsylvania, the Daily Intelligencer building expansion project in Doylestown, Pennsylvania, the Giaimo Brothers Shopping Center in Northampton, Pennsylvania, the Smithfield Professional Building in Smithfield, Pennsylvania, the Kindercare day care facility in East Norriton, Pennsylvania as well as a half dozen CVS Pharmacies throughout northern and central New Jersey. Mr. Béchard was also involved with the roadway reconstruction projects associated with the Welsbach/GGM Superfund sites in Camden and Gloucester City, New Jersey.

***Robert L. Carter Jr., Senior Environmental Scientist***

Mr. Carter has 14 years of experience conducting environmental investigations. Mr. Carter's experience in the environmental engineering and science industry focuses on soil and groundwater issues throughout PA, NJ, NY and DE and regulatory compliance with state and federal programs. He is involved with completing and managing Phase I Environmental Site Assessments and Phase II Investigations; soil and groundwater projects including sampling and analysis; fate and transport modeling, and risk assessment. Mr. Carter is responsible for report preparation and coordinating and negotiating approvals with the appropriate environmental regulatory agencies, as well as regulatory compliance issues. He has experience in storage tank management, environmental site assessments, remedial investigations and remedial actions, geological/hydrogeological investigations and wetlands permitting. Mr. Carter also has experience with Brownfields redevelopment projects including identifying various funding mechanisms, determining appropriate cleanup levels and establishing appropriate engineering and institutional controls.

Mr. Carter is also responsible for wastewater permitting, including the preparation of nitrate dilution models in support of Fifty or More Realty Improvement Certifications and New Jersey Pollution Discharge Elimination System Permits ("NJPDES"). Mr. Carter prepares Industrial stormwater NJPDES permits and Stormwater Pollution Prevention Plans.

***Lance B. Landgraf, Jr., Senior Project/Principal Planner***

Mr. Landgraf has over 22 years of experience in land development and land use planning. From municipal planning for the City of Brigantine and Mullica Township to preparing site plans, subdivisions and variance applications, Mr. Landgraf has reviewed and designed projects with the benefit of experience from both the developers' point of view and the municipal agency aspect of development. Over the last 10 years as the Municipal Planner for Brigantine and Mullica, he has prepared Master Plans, Land Use Ordinances and assisted in preparing various agency applications for public development. On the private side, Lance has focused his practice in the New Jersey Pinelands Region and application process associated with that agency. Having been based in Hammonton for the last 15 years as a Principle in the engineering firm of Aqua Terra, P.A., he has extensive knowledge in preparing the applications, plans and documents for commercial and residential development within the Pinelands Region.

He is responsible for management of the Hammonton office and for the administration of all projects from proposal preparation to final close out. He is responsible for the development of the technical approach for proposals; interfaces with the client, attorney and the various disciplines (i.e., architecture, engineering, surveying, planning, transportation, etc.) on technical design and on scheduling; is responsible for quality assurance/quality control; and works with regulatory agencies on securing timely

approvals through monitoring of applications and insuring that technical deficiencies are addressed.

***Jason T. Sciullo, P.E., Project Engineer***

Mr. Sciullo is a project engineer with Marathon Engineering and Environmental Services, Inc. Mr. Sciullo has extensive consulting engineering experience in land use design and approval for a variety of commercial and residential projects. His experience and responsibilities include project management, site design, submission/permit plan preparation for review and approval by local Planning and Zoning Boards, County Planning Boards and State environmental and transportation review bureaus and departments, including presentation of these projects to the respective boards and agencies, and preparation of bid and construction documents. While with Pennoni Associates Inc., he also performed construction management for general inspection and coordination. His inspection experience includes piers and bulkheads, bridge support structures, and foundation and subgrade inspection.

Mr. Sciullo's extensive experience in detailed site design, approvals and permitting includes feasibility analyses, site layout and design, stormwater management system design utilizing Best Management Practices (BMPs), hydrologic/hydraulic studies, flood control projects, stream analysis and modeling, utility layout and design, sanitary sewer and water main design, roadway design, and soil erosion and sediment control design, all in accordance with local, county and state requirements.

***Thomas E. Hart, P.E., P.P., C.M.E., Project Engineer***

With an overall working experience in civil engineering spanning twenty-five (25) years, Mr. Hart has been involved with providing consultant services on a diverse number of project types, including major industrial, commercial and residential land development projects, storm water management facilities, floodplain and stream encroachment matters, hydrologic/hydraulic studies, highway/roadway construction, and pavement management and maintenance programs.

In addition to this experience, Mr. Hart has been involved with design and coordination of sitework, railroad trackwork, roadways, storm drainage and utility systems for major power plant expansion projects during his tenure at Stone & Webster Engineering Corporation of Cherry Hill in the early 1980's. While with Gannett Fleming Transportation Engineers, Inc. of King of Prussia, this experience was broadened with involvement in engineering and design of major highway and transportation projects and preparation of related contract documents and specifications for projects such as the preliminary design of the Vine Street Expressway, design of the reconstruction of the PennDot's Route 202 corridor in King of Prussia and its interchange with the Schuylkill

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Expressway, design of the NJDot's Route 55 and design of Detroit's Elevated People Mover System. With this experience, Mr. Hart undertook and/or participated in the design of other highway projects during his tenure with Sickels & Masteller, Inc. of Woodbury, New Jersey including the New Jersey Turnpike's Southern Mixing Bowl Project, New Jersey Highway Authority's Stone Harbor Commuter Parking Facility, New Jersey DOT's Route 168 and Route 42 Ramp Surfacing Project, Evesham Road and Egg Harbor Road Reconstruction Projects for the County of Camden, Roadway alignment studies for the County of Gloucester including the Cross-Keys Bypass in Washington and Monroe Townships, Route 47 - Fries Mill Road Intersection in Franklin Township and Route 42 - Fries Mill Road Intersection in Washington Township.

During the later part of his career, Mr. Hart has become increasingly involved with municipal engineering and planning disciplines. Functioning in the capacity of the in-house municipal engineer for Cherry Hill Township and later as an appointed consultant to several municipalities and their appointed community boards, Mr. Hart has been responsible for planning, engineering and implementing municipal capital projects such as construction of roadway improvements, storm water management facilities, erosion control measures, and water distribution and sewerage collection and conveyance systems. Mr. Hart has also served as adviser to the municipalities' planning and zoning boards, gaining recognition as an expert in planning and engineering review of land development proposals and the monitoring and oversight of construction activities.

As Managing Director of LIPPINCOTT & JACOBS' Civil Engineering Department, Mr. Hart is responsible for its overall management and administration. His responsibilities include the general supervision of the land surveying, land development planning and engineering, and environmental groups, from project conception through client consultation during the planning approval and permit review phase and into the construction phase. Mr. Hart's duties include marketing engineering services; developing programs and proposals; overseeing and monitoring the performance of services; scheduling, supervising and training technical personnel; and creating and implementing policies and procedures to ensure sound business practices. While with Lippincott & Jacobs, Mr. Hart undertook major development projects in the Philadelphia and Southern New Jersey area. Projects included Sharon Baptist Church, a one hundred acre facility on the property of the former Sacred Heart Children's Hospital; Caesar's Boardwalk Casino which involved the construction of a new hotel tower and reconstruction of the existing casino and infrastructure; and the Lenape Regional High School District's proposed fourth high school to be located in Tabernacle Township.

### ***Donald W. Brickner, Environmental Scientist***

Mr. Brickner has eight years of experience in the environmental science industry focusing on land use permitting and ecological studies throughout New Jersey, Pennsylvania, and Delaware. He is responsible for performing the following services:



field investigations and preparation of permit applications in support of projects requiring approvals from State and Federal regulatory programs; freshwater and coastal wetland delineations utilizing methodologies presented in the Federal Manual for Identifying and Delineating Jurisdictional Wetlands (Federal Interagency Committee for Wetland Delineation, 1989), the Corps of Engineers Wetlands Delineation Manual (USACE, 1987), and the New Jersey Pinelands Commission Manual for Identifying and Delineating Pinelands Area Wetlands (NJ Pinelands Commission, 1991); wetland mitigation design and monitoring; soil evaluations to determine site suitability for development; habitat assessments; and natural resource inventory evaluations to assess potential environmental impacts.

Mr. Brickner has experience in conducting graduate-level ecological research. As part of his graduate school curriculum, Mr. Brickner designed and completed a seven-month field study to evaluate the effects of prescribed fire disturbance on soil processes in a pine-oak forest located in the New Jersey Pine Barrens. This project involved preparation of a project proposal; experimental design; field sampling; laboratory analyses, including minirhizotron (i.e., root growth) analysis and analytical chemistry; statistical analyses; and preparation of a thesis, which was accepted by a thesis committee (comprised of Biology professors) and the Rutgers University Graduate School at Camden, NJ.

***Christopher S. Andes, Environmental Scientist***

Mr. Andes has over eight years of experience in multiple aspects of federal and state permitting procedures and regulatory agency documentation. He has prepared permit applications for Department of the Army Section 10 and Section 404; Section 401 Water Quality Certificate, New Jersey Department of Environmental Protection (Stream Encroachment and Freshwater Wetlands), Pennsylvania Dam Safety and Waterway Management (Chapter 105), and the New Jersey Pineland Commission. He also has experience in preparing feasibility studies; environmental inventories; environmental impact statements; and soil evaluations to determine site suitability for development, National Pollutant Discharge Elimination System (N.P.D.E.S.) Phase II permitting, erosion and sediment pollution control plan design, and post construction stormwater management design.

He has completed numerous freshwater wetland delineations in Pennsylvania, New Jersey, Idaho, and Utah utilizing methodologies described in the Corps of Engineers Wetland Delineation Manual (USACE, 1987); Federal Manual for Identifying and Delineating Jurisdictional Wetlands (Federal Interagency Committee for Wetland Delineation, 1989); and the New Jersey Pinelands Commission Manual for Identifying and Delineating Jurisdictional Pinelands Area Wetlands – A Pineland Supplement to the Federal Manual for Identifying and Delineating Jurisdictional Wetlands (January 1991).

Mr. Andes has a scientific collector's permit from the Pennsylvania Fish and Boat Commission to conduct aquatic resource surveys (macroinvertebrate and fisheries). He has also been the lead in threatened and endangered species surveys for herptile, avian, and floral species in New Jersey and Pennsylvania. This includes conducting surveys to determine the presence or absence of protected species and if found to develop a management plan to minimize impacts.

***Carl J. Bonés, P.E., CIE, CIAQP, CBI, RBI, Project Engineer***

Mr. Bonés is a Professional Engineer, registered in the Commonwealth of Pennsylvania, and the states of Delaware, Florida, New Jersey and Maryland. He has more than 13 years of experience in environmental engineering and related technologies and 8 years in the petroleum industry and has completed and supervised Phase I, Phase II and Phase III Environmental Site Assessments in the tri-state area and regionally. In addition to ATSM Environmental Site Assessments, he has completed numerous soil and groundwater investigations in PADEP's Act 2 Land Recycling and USTIF Programs, New Jersey's Site Remediation Program and Delaware's Voluntary Clean-up Program.

Mr. Bonés has completed environmental compliance audit programs for public and private clients for state and federal programs and has expanded his capabilities to include Property Condition Assessments and IAQ investigations including the assessment of molds. He has completed many indoor air quality projects for residential and commercial clients, local governments and schools investigating both chemical and biological contamination of living spaces and HVAC systems. He is certified by the Indoor Air Quality Association (IAQA) as a Certified Indoor Environmentalist (CIE) by the Association of Energy Engineers (AEE) as a Certified Indoor Air Quality Professional (CIAQP), by the International Code Council as a Certified Commercial Building Inspector (CBI) and Residential Building Inspector (RBI) and scheduled to become a certified inspector and plans examiner for ICC/ANSI 117.1 (Accessible and Useable Buildings and Facilities).

His duties and responsibilities include project management, construction inspection of environmental projects, on-site and small flow sewer system design, environmental and NPDES permitting, chemical process review, SPCC and ERP and state plan preparations, contaminant Fate and Transport analysis using Quick Domenico and Visual Modflow and groundwater remediation system analysis and design and preparation and submittal of various State and Local environmental permits.

***David F. Wood, P.E. & P.P., Project Engineer***

Mr. Wood has over thirty (30) years experience in the field of civil engineering providing consulting services on a diverse range of project types, including municipal engineering,

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industrial, commercial and residential land development projects, storm water management facilities, hydrologic/hydraulic studies, roadway design, sanitary sewer and water utilities, waterfront structures and construction liaison services.

Upon becoming licensed as a professional engineer, Mr. Wood formed Aqua Terra, P.A., a company that was uniquely positioned in time and space to service the public regarding the newly formulated Pinelands Comprehensive Management Plan and the challenges it presents to individuals, developers, institutions and municipalities alike. Mr. Wood remains in responsible charge of all engineering aspects of the projects undertaken for clients at Marathon's Hammonton office.

## **V. PROJECT EXPERIENCE**

The following project descriptions offer a cross section Marathon's engineering and environmental practice. Included for your review are brief descriptions of the project scope, Marathon's project team client contact information (if available), and approximate contract amount.

**CIVIL ENGINEERING & ENVIRONMENTAL LAND USE PERMITTING**  
**The Richard Stockton College of New Jersey**  
**Pomona, Galloway Township, Atlantic County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) was retained in 2006 by The Richard Stockton College of New Jersey (Stockton) as their Civil Engineering and Environmental Consultant to assist with the development of their overall master facilities plan initiated by the College to address present and future facility and infrastructure needs.



To date, Marathon has assisted Stockton with the following projects:

1. Photogrammetric, boundary and topography mapping of the 1,600 acre campus plus an additional 280 acres acquired under the Phase 1 Master Plan.
2. Freshwater wetlands delineation and mapping, and threatened and endangered species investigation of the 1,600 acre campus plus an additional 280 acres acquired under the Phase 1 Master Plan.
3. Negotiation with the Pinelands Commission to rezone certain parts of the campus to increase the Regional Growth Area to enable contiguous land areas to be used for future development.
4. Development of a regional stormwater management investigation for the campus for the Facilities Master Plan to eliminate the need to provide stormwater management measures on an individual project basis as elements of the Master Plan are constructed.
5. Development of construction plans and bidding documents for the initial site clearing and utility work in preparation for the proposed Campus Center project, a multipurpose facility to house student union and administrative support activities that covers roughly four (4) acres of land in the academic core of the campus. Utility work included demolition of portions of the underground geothermal system, electrical systems and drainage system; relocation of communication duct banks, gas main, sanitary sewer lines and water distribution mains; and installation of an underground stormwater infiltration/detention system to manage runoff generated from the increase impervious cover resulting from the new Campus Center.
6. Development of construction plans and bidding documents for the site work associated with the proposed Campus Center project, a 150,000 square foot multipurpose facility to house student union and administrative support activities. Site work included construction logistics, temporary construction facilities, site layout, grading, utility and

drainage connections, parking lot reconstruction and soil erosion and sediment control measures.

7. Development of an investigation approach to determine the sanitary infrastructure needs to serve the future growth of the Campus and adjoining health care facilities. The investigation monitored the present operating conditions of the main components of the on-site sanitary sewerage system that serves the College and projected future flows to determine the impact on those components.
8. Development of construction plans and bidding and contract documents for construction of a 2,500 linear foot sanitary sewer force main extension along Jimmie Leeds Road to bypass downstream capacity restrictions in the Township's Pinehurst sanitary sewer system.
9. Campus wide infrastructure mapping to locate and identify above and underground utilities.

Marathon has assisted Stockton by providing the following permitting services:

- Public Development Approval from the New Jersey Pinelands Commission;
- Construction code permitting from the New Jersey Department of Community Affairs;
- Treatment Works Approval Permitting for the New Jersey Department of Environment Protection which required endorsement of the application from the Township and Atlantic County Utilities Authority; and
- Certification of the Soil Erosion and Sediment Control Plan from the Cape Atlantic Soil District.

**Client:** **The Richard Stockton College of New Jersey**  
Office of Facilities Planning and Construction  
P.O. Box 483  
10 West Jimmie Leeds Road  
Pomona, New Jersey 08240-0483

Harry Collins, Director  
Office of Facilities Planning and Construction  
(609) 652-4281

**Period of Performance:** 2006-Present

**Design Contract Value:** \$ 1,375,000

**Total Construction Cost:** >\$ 50M

**Key Personnel:** Rick Ricciardi, PP, AICP  
Jay Sciuлло, PE  
Tom Hart, PE  
Don Brickner  
Bill Wills

**ATLANTIC COUNTY OPEN SPACE – PHASE I ENVIRONMENTAL SITE ASSESSMENTS**

**Atlantic County Department of Regional Planning and Development  
2006 -Present**

Marathon has been pre-qualified by the Atlantic County Department of Regional Planning and Development to provide environmental services in support of their Open Space Acquisition Program. Marathon has completed Phase I Environmental Site Assessments of five (5) properties targeted for acquisition by Atlantic County for preservation, including the Theiler Horse Farm; the Betty Simon Trustee, LLC Property and Lake Lenape Park. The Phase I Environmental Site Assessments were completed in accordance with the EPA's All Appropriate Inquiry Rule; NJDEP's Technical Requirements for Site Remediation; and, NJDEP's Green Acre Program.

<b>Client:</b>	Atlantic County Department of Regional Planning and Development Northfield, New Jersey
<b>Period of Performance:</b>	2006-present
<b>Contract Amount:</b>	\$10,000
<b>Key Personnel:</b>	Robert Carter Jordan Lechenbusch

**SITE PLANS AND LAND USE PERMITTING  
ATLANTIC CITY OUTLETS – THE WALK PHASE III  
Atlantic City, Atlantic County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) worked with Atlantic City Associates, LLC (ACA), which is a subsidiary of the Cordish Company, and the Casino Reinvestment Development Authority (CRDA) to develop the third phase of the hugely successful retail outlet complex at the gateway to Atlantic City, Atlantic County, New Jersey. Phase III of the Walk is located at the corner of Fairmount Avenue and Columbus Boulevard and contains twelve (12) stores in 46,000 square feet of building space, a service driveway with loading area, and raised sidewalk, ramps, planters and stairs within the City rights-of-way.



The existing use was a CRDA-owned park that was constructed as part of the Corridor improvements in the mid 1990s. Prior to the realignment of the AC Expressway at that time, part of the site was the Missouri Avenue right-of-way. Fronting that roadway was the old AC train station, the AC Ice Factory, and Pitney

Village. That previous development was demolished, but much of the underground utilities were left in place. As part of development of the Walk, the water main was replaced/relocated in the Corridor median east of the site and the rest of the utilities were abandoned in place. The City-owned storm sewer was rerouted around the construction. The project required extensive coordination between the developer (ACA), the property owner (CRDA), the utility service companies including Atlantic City Municipal Utilities Authority (ACMUA), Atlantic City Sewerage Company (ACSC), Atlantic City Electric, Comcast, Verizon and South Jersey Gas. Additionally, extensive design and construction logistics coordination had to take place with CRDA's other consultants who prepared plans for a neighboring parking garage that shared access along a service driveway constructed as part of Phase III of the Walk.

Marathon prepared design plans for submission to the various review agencies, including the New Jersey Department of Environmental Protection (NJDEP) for a Coastal Area Facilities Review Act (CAFRA) Permit and stockpiled soil reuse approval, the Cape Atlantic Conservation District for a Soil Erosion and Sediment Control Plan Certification, and the City of Atlantic City Planning Board for review and recommendation and Minor Subdivision Approval.

**Client:** Atlantic City Associates, LLC  
1931 Atlantic Avenue  
Atlantic City, New Jersey 08401  
William H. Barnes, Construction Manager, (609) 872-7002

**Period of Performance:** 2008 – Present

**Key Personnel:** Jason T. Sciallo, PE  
Sharon M. Russell



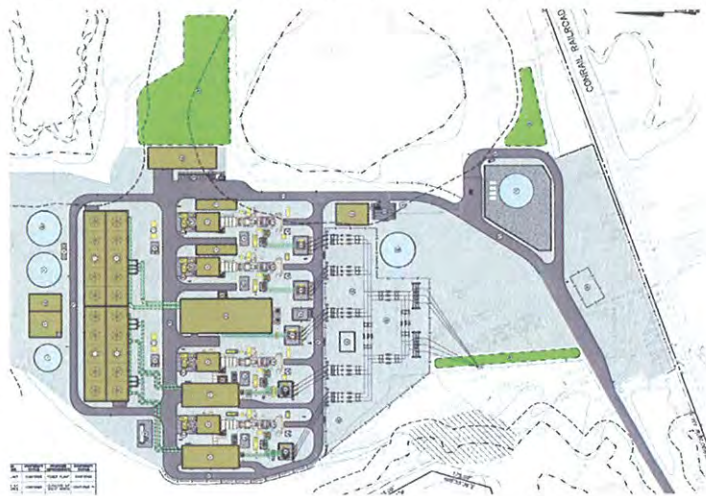
**SITE PLAN AND PERMITTING  
WEST DEPTFORD ENERGY STATION  
West Deptford Township, Gloucester County, New Jersey**

The West Deptford Energy Station is a \$1.5 billion redevelopment project involving construction of a dual-fuel (natural gas and ultra-low sulfur diesel) combined-cycle power plant with a nominal electric generating capacity of 1,250



megawatts. With the start of construction projected for 2010, development is proposed on a 303-acre site located along the Delaware River and within 1.5 miles of utility right-of-way. The project requires interconnection with regional utility infrastructure, including natural gas pipeline(s), electric transmission lines, and wastewater utility pipes associated with Gloucester County Utilities Authority operations.

Marathon is assisting West Deptford Energy, LLC by providing professional engineering and environmental services required to secure local, state, and federal land development approvals. Marathon's engineering department prepared a comprehensive site plan set for the project that was approved by the West Deptford Township Planning Board as part of the Preliminary and Final Site Plan Approvals issued in September 2008. Working with various members of the project team, including Marathon's environmental staff and other engineering firms, Marathon's engineering department designed the project layout, grading, stormwater management plan, utilities plan, and soil erosion & sediment control plan.



Marathon's environmental department assisted throughout the due diligence and design processes by performing the following services:

- wetlands delineation for the entire project site (including utility easements), encompassing roughly 325 acres;
- wetlands Letter of Interpretation (Line Verification) Application that was approved by the New Jersey Department of Environmental Protection ("NJDEP");
- bald eagle habitat suitability assessment;
- Environmental Impact Statement submitted to West Deptford Township;
- Phase I Environmental Site Assessment;
- multiple-permit application submitted to the NJDEP to request a Waterfront Development Permit, Coastal Wetlands Permit, Freshwater Wetlands General Permits, and Freshwater Wetlands Transition Area Waivers;
- Nationwide Permit application submitted to the U.S. Army Corps of Engineers; and,
- site inspections to identify environmental constraints (i.e., wetlands, threatened/endangered species habitat, flood hazard areas, etc.) within approximately 1.6 miles of regional utility easements.

**Client:**

**West Deptford Energy, LLC**

A joint venture between Dynegy Inc. and  
LS Power Associates, L.P.  
Two Tower Center Boulevard, 11th Floor  
East Brunswick, New Jersey 08816  
Matthew J. Held (732) 249-6750

**Period of Performance:** 2007 to present

**Key Personnel:**

Rick Ricciardi, P.P., AICP  
Thomas P. Béchard, Jr., P.E.  
Gerhard Mueller  
Donald Brickner  
Robert L. Carter, Jr.

**DUE DILLIGENCE INVESTIGATIONS  
CATHEDRAL KITCHEN  
Camden, Camden County, New Jersey**

Marathon was retained by Cathedral Kitchen to provide environmental services in support of their acquisition of a property located at 79 Newton Avenue in the City of Camden, New Jersey. Cathedral Kitchen supplied Marathon with a Phase I Environmental Site Assessment ("Phase I") prepared by others. The Phase I Report identified two (2) underground storage tanks ("USTs") that were removed from the property; a trench drain system that received wastewater associated with photographic development operations; a hydraulic lift; suspect asbestos containing materials; potential lead-based paint; and the potential for fluorescent light ballasts to contain polychlorinated biphenyls ("PCBs").

Marathon completed additional investigations prior to closing to address each area of concern. Through file reviews, Marathon determined that the NJDEP issued a no further action determination closure of the USTs. A Marathon Professional Engineer completed an engineering inspection of the trench drain system to determine the structural integrity of the trench drain system and to confirm its discharge to the sanitary sewer system. Each segment of the trench drain was inspected and determined to be constructed of 5-foot sections of a precast composite material. Segments were bonded together with an adhesive. Marathon identified no apparent holes or cracks in the trench drain system. Minor deterioration of the adhesive was identified, but was determined to have a potential to have a significant impact to the underlying soils and groundwater.

Marathon inspected the hydraulic lift system present on the property and determined that the hydraulic reservoir was located above ground. Marathon retained a licensed Asbestos Hazard Emergency Response Act ("AHERA") inspector, to perform an asbestos inspection on the interior portion of the building. The asbestos inspection consisted of the collection and analysis of forty-five (45) bulk samples of suspect building materials. The samples were collected and analyzed for asbestos by a certified laboratory using polarized light microscopy ("PLM"). Through the asbestos inspection, it was determined that the building was asbestos free.

Marathon retained a certified lead inspector, to complete a lead inspection of the building on the Subject Property on March 25, 2002. The lead inspection was completed used a Radiation Monitoring Device X-Ray Fluorescence ("XRF") Lead-in-Paint Spectrum Analyzer to determine the concentration of lead present on the interior painted surfaces of the building. Marathon was able to confirm that no painted surfaces contained lead at concentrations above the United States Department of Housing and Urban Development ("HUD") and Environmental Protection Agency ("EPA") standards.

Marathon completed a spot-check of several fluorescent light ballasts present in the building on the Subject Property to confirm that the ballasts did not contain PCBs.

<b>Client:</b>	Cathedral Kitchen City of Camden, New Jersey
<b>Period of Performance:</b>	2002
<b>Contract Value:</b>	\$7,500
<b>Key Personnel:</b>	Robert Carter

**SITE PLAN AND PERMITTING  
VOORHEES MEDICAL BUILDING  
EVESHAM BUILDING ASSOCIATES  
Voorhees Township, Camden County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) worked with Evesham Building Associates to develop a 21,500 square foot professional office building with parking facilities, stormwater management facilities, landscaping, lighting, utilities, and associated site amenities on a 19 acre tract in Voorhees Township, Camden County, New Jersey. Marathon prepared the site plans and related documents and obtained necessary permits from applicable review agencies.



The stormwater management system was partially designed under the proposed parking lots due to site constraints.

The approvals obtained in connection with the project include Preliminary and Final Site Plan approval from the Voorhees Township Planning Board, Site Plan approval from the Camden County Planning Board, and Soil Erosion and Sediment Control Plan Certification from Camden Conservation District. Approvals also included the Voorhees Township Sewer Department and New Jersey American Water.

Marathon is also providing construction services for the project, including the preparation of construction specifications, construction liaison services, attendance at the bid and construction meetings, preparation of a punch list, shop drawing review, as well as the design and oversight of field changes.

**Client:** **Evesham Building Associates, LLC**  
The Thomas Hollinshead House  
18 West Stow Rd.  
Marlton, NJ 08053  
Lee Hudson (856) 596-0700

**Period of Performance:** 2008 – 2010

**Key Personnel:** Rick Ricciardi, P.P  
David F. Wood, P.E., P.P.  
Gerhard Mueller

**EGG HARBOR TOWNSHIP OPEN SPACE – PHASE I ENVIRONMENTAL SITE  
ASSESSMENTS  
Egg Harbor Township  
2008**

Marathon was contracted by Egg Harbor Township to perform Phase I Environmental Site Assessments on three (3) properties targeted for open space preservation by Egg Harbor Township. The Phase I's were conducted in accordance with ASTM standards and New Jersey's Technical Requirements for Site Remediation.

The major elements of the Phase I included physical setting, site history, regulatory agencies' records review, site observations and findings and conclusions. The Phase I's were completed and final reports were prepared detailing our findings, conclusions and opinions for the need for additional investigation for identified areas of environmental concern.

<b>Client:</b>	Egg Harbor Township Egg Harbor Township, New Jersey
<b>Period of Performance:</b>	2008
<b>Contract Amount:</b>	\$5,000
<b>Key Personnel:</b>	Robert Carter Matthew Stengel

**SITE PLAN AND PERMITTING  
ATLANTIC HUMAN RESOURCES DAYCARE CENTER  
City of Pleasantville, Atlantic County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) assisted Atlantic Human Resources and SOSH Architects. in obtaining land use approvals to develop a daycare center with office space on the corner of Franklin Avenue and Delilah Road in Pleasantville, Atlantic County, New Jersey.

The project site was constrained with a shallow seasonal high groundwater table, flat roadway elevations surrounding the site, and steep site topography. In order



to accommodate an intense site development, both an open detention basin for site stormwater runoff and underground detention for rooftop runoff were utilized. Additionally, the site was designed to accommodate traffic patterns related to both parent drop-off and bus loading areas.

Marathon performed site layout, grading, utility, landscaping, lighting, stormwater management and soil erosion and sediment control design during preparation of the Site Plans and a Stormwater Management Report that

accompanied permit and approval applications. Marathon's civil engineering and environmental departments obtained the following approvals and permits:

- Pleasantville Planning Board Preliminary and Final Site Plan Approval
- Site Plan Approval from Atlantic County Planning Board
- Soil Erosion and Sediment Control Plan Certification from Cape Atlantic Conservation District
- Request for Authorization (RFA) to discharge stormwater during construction from NJDEP

**Client:** **SOSH Architects**  
1020 Atlantic Avenue  
Atlantic City, New Jersey 08401  
Bill Salerno (609) 345-5222

**Period of Performance:** 2010 to present

**Key Personnel:** Jason T. Sciuлло, P.E.  
Dave Wood, P.E.

**PORT REPUBLIC OPEN SPACE – PHASE I ENVIRONMENTAL SITE  
ASSESSMENTS  
Port Republic  
2009**

Marathon was contracted by Port Republic to perform Phase I Environmental Site Assessments on a property targeted for open space preservation. The Phase I was conducted in accordance with ASTM standards and New Jersey's Technical Requirements for Site Remediation.

The major elements of the Phase I included physical setting, site history, regulatory agencies' records review, site observations and findings and conclusions. The Phase I's were completed and final reports were prepared detailing our findings, conclusions and opinions for the need for additional investigation for identified areas of environmental concern. Through completion of the Phase I, it was determined that the property was historically used for agricultural production necessitating a site investigation in accordance with New Jersey's Technical Requirements for Site Remediation. Through completion of the Site Investigation, it was determined that surface soils had not been impacted by historic pesticide applications associated with the former agricultural use.

<b>Client:</b>	Port Republic Galloway, New Jersey
<b>Period of Performance:</b>	2009
<b>Contract Amount:</b>	\$3,000
<b>Key Personnel:</b>	Robert Carter Jordan Lechenbusch



**NEW BUILDING DEVELOPMENT  
BUILDING GHI LOGISTICENTER AT LOGAN  
DP Partners Logan I, LLC  
Logan Township, Gloucester County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) assisted DP Partners Logan I, LLC in obtaining Preliminary and Final Site Plan Approval from the Logan Township Planning Board for the construction of a 599,500 square foot office/warehouse building, expandable to 792,000 square feet on Lots 1 and 1.06, Block 2805, located in the Logan Township, Gloucester County, and State of New Jersey. The building and site design and construction was performed in accordance with guidelines set by the United States Green Building Council (USGBC) and the project received a Leadership in Energy and Environmental Design (LEED) certification.



Services provided:

- Landscaping Design
- Lighting Design
- Stormwater Management
- Soil Erosion Design
- Pump Station Design
- Sanitary Sewer Design
- Water Main Design
- Storm Sewer Design

Project approvals obtained were as follows:

- Logan Township Planning Board Approval
- Gloucester County Planning Department Approval
- Gloucester County Soil Conservation District Certification
- Logan Township MUA Approval
- New Jersey American Water Approval

**Client:** DP Partners Logan I, LLC,  
200 North Third Street  
Suite 1402  
Harrisburg, Pennsylvania 17101  
James Mascaro, (717)-233-8800

**Period of Performance:** 2008

**Key Personnel:** Thomas P. Bechard, P.E.  
Gerhard Mueller, Senior Project Manager

**PHASE I ENVIRONMENTAL SITE ASSESSMENT – ATLANTIC COUNTY  
DEVELOPMENT CORP PROPERTY  
THE RICHARD STOCKTON COLLEGE OF NEW JERSEY  
Pomona, Galloway Township, Atlantic County, New Jersey**

Marathon was contracted by Richard Stockton College of New Jersey to perform Phase I Environmental Site Assessment of the Atlantic County Development Corporation Property. The Phase I was conducted in accordance with ASTM standards and New Jersey's Technical Requirements for Site Remediation.

The major elements of the Phase I included physical setting, site history, regulatory agencies' records review, site observations and findings and conclusions. The recognized environmental concerns that were identified during the Phase I included the presence of solid waste and potential for groundwater contamination from an offsite source known as Genoa Avenue Groundwater Contamination. Marathon concluded that the solid waste was surficial and had not impacted the underlying soils. It was recommended that the solid waste be removed from the Subject Property.

The Phase I was completed and a final report was prepared detailing our findings, conclusions and opinions for the identified areas of environmental concern.

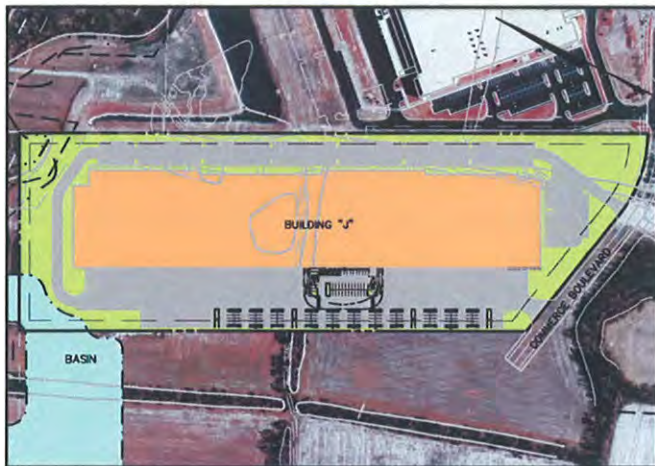
**Client:** **The Richard Stockton College of New Jersey**  
Office of Facilities Planning and Construction  
P.O. Box 483  
10 West Jimmie Leeds Road  
Pomona, New Jersey 08240-0483

**Period of Performance:** 2006

**Key Personnel:** Rick Ricciardi, PP, AICP  
Robert L. Carter, Jr.

**PARKING FACILITY DESIGN  
FREIGHTLINER PARKING ALTERATIONS  
Blue Rock Construction, Inc  
Logan Township, Gloucester County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) assisted Blue Rock Construction, Inc. in obtaining Preliminary and Final Site Plan Approval from the Logan Township Planning Board for alterations necessary to convert a truck loading area into an automobile parking area for employees and visitors on Lot 1.01, Block 2803, located in the Logan Township, Gloucester County, and State of New Jersey.



Services provided:

- Landscaping Design
- Lighting Design
- Soil Erosion Design
- Barrier Free Design

Project approvals obtained were as follows:

- Logan Township Planning Board Approval
- Gloucester County Planning Department Approval
- Gloucester County Soil Conservation District Certification

**Client:** **Blue Rock Construction, Inc.**  
1109 Admiral Peary Way  
Quarters O  
Philadelphia, Pennsylvania 19112  
Dan DiLeo, Project Manager (609)-747-7758

**Period of Performance:** 2007

**Key Personnel:** Thomas P. Bechard, P.E.  
Gerhard Mueller, Senior Project Manager

**PHASE I/II ENVIRONMENTAL SITE ASSESSMENT - GALLOWAY  
ELDERCARE PROPERTY  
THE RICHARD STOCKTON COLLEGE OF NEW JERSEY  
Pomona, Galloway Township, Atlantic County, New Jersey**

Marathon was contracted by Richard Stockton College of New Jersey to perform Phase I and Phase II Environmental Site Assessment of the Galloway Eldercare Property. The Phase I and Phase II was conducted in accordance with ASTM standards and New Jersey's Technical Requirements for Site Remediation.

The major elements of the Phase I included physical setting, site history, regulatory agencies' records review, site observations and findings and conclusions. The recognized environmental concerns that were identified during the Phase I included the historic agricultural use of the Subject Property and the presence of solid waste. We performed a Phase II to confirm that the historic agricultural use did not result in impacts to surface soils as a result of past pesticide applications. Further, Marathon performed additional investigations to confirm that solid waste identified on the Subject Property did not result in impacts to the underlying soils.

The Phase I and Phase II were completed and final reports were prepared detailing our findings, conclusions and opinions for the need for additional investigation for identified areas of environmental concern.

**Client:** **The Richard Stockton College of New Jersey**  
Office of Facilities Planning and Construction  
P.O. Box 483  
10 West Jimmie Leeds Road  
Pomona, New Jersey 08240-0483

**Period of Performance:** 2006 through 2007

**Key Personnel:** Rick Ricciardi, PP, AICP  
Robert L. Carter, Jr.

**PARKING FACILITY DESIGN**  
**VISION PROPERTIES, LLC**  
**Town of Hammonton, Atlantic County, New Jersey**

Marathon design new parking layout for a Central Business District parking facility. The project was a joint venture between several local property owners in the down town area of Hammonton. The design consisted of creating a new parking layout, curbing and grade design to allow for proper site drainage and access to the facility via three access points. Landscaping, lighting and a custom pedestrian pathway were all integral to the design and layout of the facility.



This work included coordination with the three property owners as well as cooperation with the Town of Hammonton Engineer's office. The site interconnects the downtown with the newly constructed Town Hall, the Vine Street improvements and the Eagle Theatre. The facility increased the parking on the site from 45 – 50 spaces to 88 spaces and now a safe and aesthetic interconnect between the Central Business District and the Town Hall Complex.

**Client :** **Vision Properties, LLC**  
Contact: John DiDonato  
1147 White Horse Pike  
Hammonton, NJ 08037  
(609) 561-7222

**Period of Performance:** 2008

**Contract Value:** \$8,000.00

**Key Personnel:** Lance B. Landgraf, Jr., P.P., AICP  
David F. Wood, P.E., P.P.

**PRELIMINARY ASSESSMENT/SITE INVESTIGATION/REMEDIAL ACTION  
GARDEN STATE RACETRACK  
Cherry Hill Township, Camden County, New Jersey**

Marathon was responsible for completing environmental investigations and remedial actions of a 215-acre horse racing facility located in Cherry Hill Township, New Jersey. Marathon was retained as the environmental consultant by the buyer of the facility, Turnberry/Realen Cherry Hill, LLC (“the Client”), a partnership between Realen Properties, a Pennsylvania-based land development company and Turnberry, a Florida-based development company. The Client proposed to redevelop the property with a mixed use of retail, office and residential development into a downtown area for Cherry Hill Township.

Through completion of a Preliminary Assessment, Marathon established the site history of the property and determined that there were numerous areas of concern, including twelve (12) underground storage tanks (“USTs”); hydraulic lifts; potential impacted soils beneath the main grandstand building from a fire; and chemical storage areas, among others.



Marathon completed a site investigation of the soil and groundwater in the area of each of the USTs. The site investigation revealed that four (4) of the USTs had impacted soil and groundwater. Upon completion of these investigations, Marathon assisted the client and legal council in the execution of a Prospective Purchaser’s Agreement and Memorandum of Agreement with the NJDEP. Marathon also assisted the Client in obtaining an environmental insurance policy based upon cost

projections of the remedial actions prepared by Marathon.

Marathon further assisted the Client in selection of a contractor to close the USTs, ranging in size from a 275-gallon waste oil tank to a 30,000-gallon fuel oil UST. Marathon provided oversight during the UST closure and the remedial action of petroleum impacted soil and groundwater. A total of 1,450 tons of petroleum-impacted soil was excavated, transported and disposed. In addition, to facilitate the remediation of petroleum-impacted groundwater, 16,600 gallons of groundwater was pumped from tank excavations where groundwater impacts were identified.

Upon completion of the UST closure, Marathon completed a remedial investigation of the groundwater. Marathon completed the delineation of petroleum-impacted groundwater through the installation of temporary wells and analysis performed using an on-site mobile laboratory. The results of this investigation were used to determine the best placement for permanent monitoring wells. A total of six (6) monitoring wells were installed on the property and have been sampled on a quarterly basis.

Marathon completed quarterly sampling of the groundwater to document decreases in Benzene, Toluene, Ethylbenzene and Xylene ("BTEX") concentrations on the Subject Property. After seven (7) rounds of groundwater sampling and analysis, Marathon was able to document that the natural attenuation of groundwater was successful.

In addition to the remediation of the USTs, Marathon was responsible for remediating former hydraulic lifts and associated petroleum impacted soil; investigating soils beneath the grandstand building to determine whether soils were impacted from a fire that destroyed the original grandstand building in 1977; and, overseeing the collection, characterization, consolidation and disposal of hazardous and nonhazardous chemical wastes found on the property. Through Marathon's efforts, the Client secured a no further action for each area of concern identified on property, which was instrumental in the redevelopment efforts of the former racetrack.

**Client:** Land Trust Properties Inc.  
721 Old State Road  
Berwyn, Pennsylvania 19312  
Contact: Robert Dwyer  
(610) 721-6914

**Period of Performance:** June 2000 to November 2004

**Contract Value:** \$250,000

**Key Personnel:** Robert Carter  
R. Jay Chappell

**ROAD CONSTRUCTION  
LOGISTICENTER AT LOGAN - COMMERCE BLVD. EXTENSION AND  
HARRISONVILLE ROAD (C.R. 602) IMPROVEMENTS  
DP Partners  
Logan Township, Gloucester County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) is assisting DP Partners with the design and construction of approximately 1,700 feet of roadway in the LogistiCenter at Logan Industrial Park in Logan, NJ. The project will extend existing Commerce Boulevard to Harrisonville Road (C.R. 602). Included with the roadway design are all utilities, landscape and lighting as well as stormwater management. The project is currently under construction, and Marathon is assisting DP Partners with construction liaison including shop drawing review, change-order revisions and construction meetings.



The project land use approvals that were obtained include:

Logan Township  
Subdivision Approval

Gloucester County  
Subdivision Approval

NJDEP Treatment  
Works Approval

NJDEP Bureau of Safe  
Drinking Water

Gloucester County Soil  
Conservation District  
Plan Certification

**Client:** **DP Partners**  
200 North Third Street, Suite 1402  
Harrisburg, PA 17101  
James Mascaro, (717)-233-8800

**Period of Performance:** 2007-Present

**Contract Value:** \$100,000.00

**Key Personnel:** Thomas P. Béchar, Jr., P.E.  
Gerhard Mueller



**SOIL & GROUNDWATER REMEDIATION  
GOLDBERG RESIDENCE  
Margate, Atlantic County, New Jersey**

Marathon was retained by the owner and approved by the owner's insurance company Liberty Mutual to complete a site investigation ("SI"), remedial investigation ("RI") and remedial action ("RA") of soil and groundwater associated with a leaking underground storage tank ("LUST") at a home, located in Margate, New Jersey.

Through completion of the SI, Marathon determined the presence of a LUST under the porch area of the home. The collection of soil and groundwater samples confirmed that the LUST had severely impacted soil and groundwater. The New Jersey Department of Environmental Protection ("NJDEP") was notified of the LUST and a case number and manager was assigned. Marathon assisted the Client in executing a Memorandum of Agreement with the NJDEP. Marathon also advised Liberty Mutual of cost projections associated with the various phase of this project.

A RI was conducted by Marathon to determine the extent of soil and ground water contamination. The results indicated that a relatively large area of soil and groundwater had been impacted including soils and groundwater located under the home. Analytical results revealed high concentrations of petroleum hydrocarbons in soils above the water table.



Marathon assisted the Client in selection of a contractor to close the UST. Marathon provided oversight of the UST closure and the remedial action of petroleum impacted soil and groundwater. A total of 300 tons of petroleum-impacted soil was excavated, transported and disposed. In addition, to facilitate the remediation of petroleum-impacted groundwater, 5,000 gallons of groundwater was pumped from the tank excavation where free product was identified. In order to facilitate

removal of petroleum-impacted soil and groundwater from beneath the house, a house-moving company was retained to remove the porch area and footer located in front of the house and temporarily support the house during remediation activities (refer to above photo). The house was subsequently restored to original condition including replacement of all physical structures and supports as well as landscaping and irrigation systems that were removed during the remediation phases of this project (refer to below photo).



Upon completion of the UST closure, Marathon completed a remedial investigation of the groundwater. Marathon completed the delineation of petroleum-impacted groundwater through the installation of temporary wells and laboratory analysis. The results of this investigation were used to determine the best placement for permanent monitoring wells. A total of three (3) monitoring wells were installed on the property and were sampled for a period of one

year. Based on the high concentrations of volatile and base neutral constituents including tentively identified compounds (“TICs”) in the source well, Marathon continued to remediate groundwater via the pumping of the monitoring wells using a vacuum truck. These pumping events were generally conducted for an eight-hour period.

Based upon Marathon’s successful approach to this project, an Unrestricted Use No Further Action Letter and Covenant Not to Sue determination for the UST and impacted soils and groundwater was obtained by Marathon from the NJDEP on behalf of the Client and the insurance company, Liberty Mutual.

**Client:** Contact: Mr. & Mrs. Goldberg  
19945 Pine Street  
Philadelphia, Pennsylvania 19103  
215-546-6667

Contact: Jeffrey Beall  
Liberty Mutual Insurance Company  
100 Liberty Way  
Dover, New Hampshire 08320  
1-800-344-0213 ext. 32242

**Period of Performance:** August 2002 to March 2003

**Contract Value:** \$150,000

**Key Personnel:** R. Jay Chappell

**DESIGN, SITE PLANS AND PERMITTING  
LINCOLN PLACE ACCESSIBLE DUNE RAMP  
Atlantic City, Atlantic County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) assisted the Atlantic City Public Works and the City Engineer's Office with design and permitting for construction of an accessible timber walkway over the dunes at the beach and Lincoln Place in Atlantic City, Atlantic County, New Jersey.



The 240 feet long ramp and walkway connects to the Boardwalk at Lincoln Place and crosses over the dune to access the beach. Marathon performed survey, site layout, grading, and construction plans for the ramp and walkway structure that accompanied permit and approval applications, as well as prepared bid and construction documents for

release by the City Engineer's Office. We also performed field studies for developing a detailed environmental inventory of the beach and dune area and prepared a CAFRA Compliance Summary Statement addressing the Coastal Zone Management Rules.

**Client:** **Atlantic City Engineer's Office**  
1301 Bacharach Boulevard  
Atlantic City, NJ 08401  
William Rafferty (609) 347-5360

**Period of Performance:** 2006

**Key Personnel:** Jason T. Sciallo, P.E.  
Rick Ricciardi, AICP, PP

**SITE PLAN AND PERMITTING  
BISHOP McCARTHY RESIDENCE  
DIOCESE OF CAMDEN  
City of Vineland, Cumberland County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) worked with the Diocese of Camden, Bishop McCarthy Residence and the project architect to develop an addition to the existing convalescent home to provide separate facilities for their existing sub-acute services. The expansion of the facility included a 6,200 square foot building addition, parking lot expansion, reconfigured loading and service area, stormwater management facilities, landscaping, lighting, utilities, and associated site amenities on a 9.6 acre tract in Vineland, Cumberland County, New Jersey. The site design was prepared with substantial input from the City Planning and Engineering Departments to alleviate existing parking and loading concerns and resulted in a much safer and efficient layout for residents, visitors, maintenance staff, and service personnel.



management facilities, landscaping, lighting, utilities, and associated site amenities on a 9.6 acre tract in Vineland, Cumberland County, New Jersey. The site design was prepared with substantial input from the City Planning and Engineering Departments to alleviate existing parking and loading concerns and resulted in a much safer and efficient layout for residents, visitors, maintenance staff, and service personnel.

The approvals obtained in connection with the project include Conditional Use Variance and Preliminary and Final Site Plan approval from the Vineland Zoning Board, Site Plan approval from Cumberland County, and Soil Erosion and Sediment Control Plan Certification from Cumberland-Salem Conservation District. Marathon also coordinated with the project architect for compliance with comments from the New Jersey Department of Community Affairs to obtain State approval for the construction.

**Client:** **Diocese of Camden**  
631 Market Street  
P.O. Box 708  
Camden, New Jersey 08101  
Akemi Kuroda, RA (856) 583-2847

**Period of Performance:** 2007-2009

**Key Personnel:** Rick Clemson, P.E.  
Jason T. Sciallo, P.E.  
Gerhard Mueller  
Sharon Russell

**SITE PLAN AND PERMITTING  
THE EVERGREENS CAMPUS RENEWAL  
THE EVERGREENS CONTINUING CARE RETIREMENT COMMUNITY  
Moorestown Township, Burlington County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) worked with the Evergreens Continuing Care Retirement Community and Aegis Property Group to



develop a phased construction plan for updating the continuing care campus to contain state-of-the-art nursing facilities and additional amenities within the retirement community campus. The campus will contain 120 independent living unit apartments, 100 assisted living and skilled nursing beds, as well as paved parking lots, landscaping, lighting, utilities, stormwater management facilities, and associated site amenities on a 31.3 acre tract in Moorestown Township, Burlington County, New Jersey.

The project was proposed in four phases, three of which involved extensive coordination between Marathon, the owner, contractors and other subconsultants to allow construction of the phases to take place without interruption in services or quality of life for the residents. In order to accomplish this goal, 1.19 acres of an approximate 15 acre wetland complex on site were impacted to construct a stand-alone building that will connect to the rest of the facility. A Freshwater Wetlands Individual Permit was issued by the New Jersey Department of Environmental Protection conditioned upon Wetland Mitigation taking place off-site at a separate, distinct property also owned by the Evergreens.

The first phase of the Campus Renewal was for a kitchen renovation inside the building. Phase two of the work was for construction of the state-of-the-art assisted living and skilled nursing building in a portion of the wetlands permitted to be filled as mentioned above. Phase three was for demolition of a portion of the existing facility containing the outdated nursing facilities and construction of a connection between the remaining building and the new facility built during phase two. The fourth phase was for demolition of a portion of the existing building and replacing it with a new building containing

underground parking and additional independent living unit apartments. During phases two and four the existing parking lots were also reconfigured for improved circulation, and the loading facilities expanded to provide better service to the campus. The existing wet pond on site utilized for stormwater management was expanded to accommodate the stormwater runoff generated by the site and meet the current design and performance standards. The site landscaping was increased and site lighting was improved.

Design and construction of every phase of the project took place with extensive coordination between the owner, property management company, contractors, architect and other engineering subconsultants of every discipline. The land use approval obtained at the Township Planning Board was highly contested and every subconsultant involved provided exhaustive testimony in defense of the project and design techniques to assist the owner in gaining an approval that held up to appeal by the neighboring landowners.

The approvals obtained in connection with the project include Use Variance and Preliminary and Final Site Plan approval from the Moorestown Township Zoning Board, Site Plan approval from the Burlington County Planning Board, and Soil Erosion and Sediment Control Plan Certification from Burlington County Soil Conservation District. Authorizations include the Freshwater Wetlands Individual Permit Mitigation Plan mentioned above and a Simplified Water Main Certification from the New Jersey Department of Environmental Protection.

Marathon is providing construction services for the project, including construction liaison services, attendance at bid and construction meetings, preparation of punch lists for each phase of the project, shop drawing review, as well as the design and oversight of field changes and resolution of unforeseen construction conflicts.

**Client:** **Evergreens Continuing Care Retirement Community**  
309 Bridgeboro Road  
Moorestown, New Jersey 08057  
Douglas C. Halvorsen, LNHA, LCSW, LMFT (856) 439-2094

**Period of Performance:** 2006 – Present

**Key Personnel:** Thomas P. Bechard, P.E.  
Jason T. Sciuillo, P.E.  
Rick Ricciardi, AICP, P.P.

**NJPDES AND AIR PERMITTING  
SOUTHCO - PURELAND INDUSTRIAL PARK  
Bridgeport, Gloucester County, New Jersey**

Marathon prepared a New Jersey Pollution Discharge Elimination System (“NJPDES”) Permit for the Southco Facility in Bridgeport, New Jersey. The NJPDES Permit authorized Southco to discharge stormwater from the facility to surface water under a General Industrial Stormwater Permit.

Upon receipt of the Permit from the NJDEP, Marathon prepared a Stormwater Pollution Prevention Plan for the Southco Facility and assisted them with the implementation of the plan. The Stormwater Pollution Prevention Plan designates a team responsible for the implementation of the plan; describes the existing environmental management plans; inventories source materials; identifies best management practices to eliminate source materials; and identifies structural controls to prevent stormwater pollution.



Marathon also prepared a NJDEP Air Pollution Control Operating Permit for the Southco Facility. The air permit required the identification of sources of fugitive emissions and insignificant emissions, as well as an inventory of equipment and associated control devices used to reduce or eliminate air emissions. The Air Pollution Control Operating Permit was prepared using the NJDEP’s RADIUS Program.

**Client:** Southco, Inc.  
509 Heron Drive  
Bridgeport, New Jersey  
(856) 467-4100

**Period of Performance:** 1998 - 2000

**Contract Value:** \$9,000

**Key Personnel:** Robert Carter

## **BRIDGES AND DAMS**

### **Bridgeport Disposal Dike Repairs**

#### **Clean Harbors**

#### **Logan Township, Gloucester County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) is assisting Birch Creek Meadow Company with the design and construction of drainage improvements associated with failing tide gates in Logan Township, NJ. Tidal fluctuations from the Delaware River have deposited a sand bar in addition to timber and debris in front of a triple-barrel 48" culvert making the associated tide gates inoperable. This created in essence a dam, preventing the upstream fluvial runoff from draining to the Delaware River. Due to environmental sensitivity, the proposed solution involves a new stormwater pump station that will divert the runoff from the upstream side of the tide gates to the downstream side. The design includes a duplex pump system that will be utilized to accommodate approximately 1,300 acres of tributary area.



**Client:**

**Birch Creek Meadow Company**  
553 Beckett Road, Suite 406  
P.O. Box 585  
Bridgeport, New Jersey 08014  
Contact: Carl Helwig, P.E., Project Coordinator

**Period of Performance:** 2008

**Contract Value:** \$30,000

**Key Personnel:** Thomas P. Béchar, Jr., P.E.  
Gerhard Mueller



**RECREATIONAL FACILITIES  
NATIONAL PARK LANDFILL AND RECREATIONAL FIELD  
HFH Hawthorne, LLC  
National Park Borough, Gloucester County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) is assisting HFH Hawthorne, LLC in applying to NJDEP for a Land Use Permit of Lots 1 through 5, Block 111, located in the Borough of National Park, County of Gloucester, and State of New Jersey. The permitting application will be a two step process to include investigating the property for hazardous waste, land fill closure and then filling the property to create recreational facilities.



The recreational facilities will include the following:

- Four (4) Multipurpose Fields
  - Two (2) Baseball Fields
  - Two (2) Softball Fields
  - Two (2) Tot lots
  - Solar Panel Field
  - Concession Stand with associated parking facilities
  - Walking/Jogging Trails with rock gardens and gazebos
- Landscaping, Lighting and Stormwater Management will be provided as required.

The project land use approvals to be obtained will be as follows:

- NJDEP Land Use Permit
- National Park Borough Planning Board Approval
- Gloucester County Planning Department Approval
- Gloucester County Soil Conservation District Certification.

**Client:** **HFH Hawthorne, LLC**  
c/o Land Resource Solutions, LLC  
1274 N. Church Road  
Moorestown, New Jersey 08057  
Trevan J. Houser, President (856) 273-1012

**Period of Performance:** 2008

**Key Personnel:** Thomas P. Bechard, Jr., P.E.  
Donald W. Brickner  
Gerhard Mueller

**Pennsylvania Water Obstruction and Encroachment Permit and Federal Clean Water Act Section 404 Permit for  
Uptown Worthington  
East Whiteland Township, Chester County, Pennsylvania**



**Artist's rendering of the main entrance to Uptown Worthington.**

Marathon was retained as an environmental consultant by the developer of the property, O'Neill Property Group to complete environmental permitting for Uptown Worthington, a 100 acre industrial redevelopment located in East Whiteland Township, Chester County Pennsylvania. The redevelopment is being developed as a new urbanism "town center" with a mixed use of residential, retail, and office space within the Great Valley area. Working with local, state, and federal agencies since acquiring the first parcel of the redevelopment in November 2002, the project has metamorphosed into a mixed use "new urbanism" town center redevelopment that has design objectives of encouraging the intensive redevelopment of contaminated and underutilized brownfields site. The Project build-out will have 753 residential units, 745,000 SF of retail space, 185,000 SF of office space and 6,388 parking spaces with a value approaching ½ billion.

The purpose of Worthington is to provide residential, retail, office, and recreational opportunities to residents and commuters of the Great Valley area of Chester County and surrounding regions. Additionally, Worthington will reutilize a currently idle brownfield site to achieve this goal, thus turning a currently abandoned and underutilized brownfield site into a regional amenity. The Pennsylvania Department of Environmental Protection designated the Site as a Brownfields Action Team ("BAT") site reclaimed under the Pennsylvania Land Recycling and Environmental Remediation Standards Act ("Act 2"). The reutilization of the brownfield site allows for the reclamation of a former industrial site and for the avoidance of further destruction or development on "greenfields" consisting of open space, currently farmed, or forest lands



**Existing conditions of the Project site during the remediation process.**

The Project includes twenty-one (21) residential/retail structures, stand alone parking structures (garages), town square, and restoration of 1,652 linear feet of Little Valley Creek (an Exceptional Value ["EV"] stream) and Class A wild brown trout stream. This stream has been under paved parking areas for the past 40-years. Little Valley Creek ultimately flows through Valley Forge National Park. As part of the overall project, a segment of the Chester Valley Trail is being constructed to link Valley Forge National Park (Montgomery County) to downtown Downingtown (Chester County)

Marathon assisted in obtaining authorization from the Pennsylvania Department of Environmental Protection and the United States Army Corps of Engineers for construction of infrastructure within Uptown Worthington. In order to restore Little Valley Creek and construct Uptown Worthington, Marathon obtained a Pennsylvania Department of Environmental Protection Water Obstruction and Encroachment Permit and Federal Clean Water Act Section 404 Permit. Marathon obtained state and federal authorization to construct four (4) road crossings, two (2) outfalls, two (2) stream enclosure modifications, and three (3) stream enclosures.

The services Marathon provided during the application process were wetlands delineation of the Project site and proposed road improvements, aquatic resource study, permit application preparation, and resource agency coordination.

In addition, Marathon obtained approvals/clearances from the following agencies: United States Fish and Wildlife Service; Pennsylvania Fish and Boat Commission;

Pennsylvania Game Commission; Pennsylvania Historical and Museum Commission; and Pennsylvania Department of Conservation and Natural Resources.

**Client:** O'Neill Property Group  
2701 Renaissance Blvd., 4th Floor  
King of Prussia, Pennsylvania 19406  
Contact: Guy Wolfington, Jr.  
610-337-5560  
[www.oneillproperties.com](http://www.oneillproperties.com)  
[www.worthingtonmalvern.com](http://www.worthingtonmalvern.com)

**Period of Performance:** 2000 to 2008

**Contract Value:** \$150,000

**Key Personnel:** Daniel J. Martin, Senior Environmental Scientist  
Christopher S. Andes, Environmental Scientist  
Tony Marabito, Environmental Scientist

**SITE DEVELOPMENT**  
**LogistiCenter at Logan**  
**Logan Township, Gloucester County, New Jersey**



Marathon Engineering & Environmental Services, Inc. was retained in 2005 by DP Partners as their Land Development Engineer to assist with the development of their LogistiCenter at Logan (LCL), a planned industrial development located within the Pureland Industrial Complex in Logan Township, New Jersey. To date, Marathon has assisted DP Partners with the following projects:

1. Freightliner – 360,000 s.f. warehouse distribution center (Bldg. J)
2. Building “I” – 124,000 s.f. warehouse distribution center
3. Building “K” – 365,000 s.f. warehouse distribution center
4. Pedricktown Road Culvert Replacement
5. Commerce Blvd. Extension
6. Building “GHI” – 800,000 s.f. warehouse distribution center
7. Regional Stormwater Management Basins 3 & 8
8. Pedricktown Road Gravity Sewer Main Extension
9. LCL – Overall Grading Analysis
10. LCL – Overall SWM Analysis
11. Building “LM” – 160,000 s.f. flex office warehouse
12. NJDEP Wetlands LOI and Waterfront Development Permit Extension
13. Stockpile Sampling Analysis
14. Wetland Mitigation
15. Stormwater Outfall #12 Wetlands Permitting

**Client:** DP Partners  
 200 North Third Street, Suite 1402  
 Harrisburg, PA 17101  
 James Mascaro, (717)-233-8800

**Period of Performance:** 2005-Present

**Contract Value:** \$500,000.00

**Key Personnel:** Thomas P. Béchard, Jr., P.E.  
 Gerhard Mueller

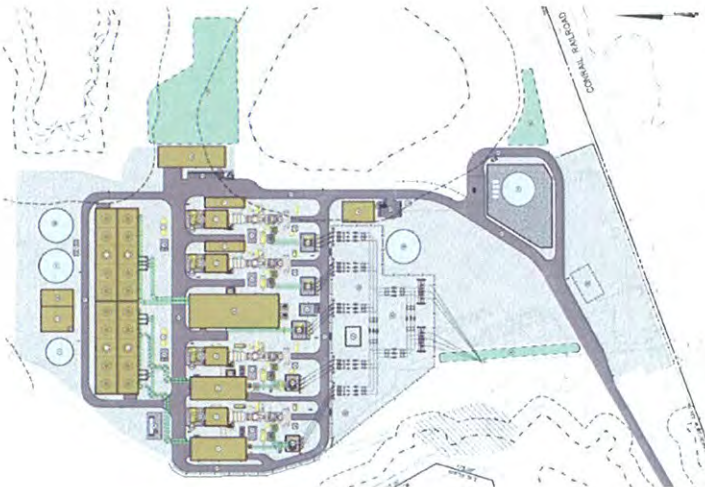
**SITE DEVELOPMENT & VARIOUS TYPES OF NEW JERSEY PERMITS**  
**WEST DEPTFORD ENERGY STATION**  
**West Deptford Township, Gloucester County, New Jersey**



The West Deptford Energy Station is a \$1.5 billion redevelopment project involving construction of a dual-fuel (natural gas and ultra-low sulfur diesel) combined-cycle power plant with a nominal electric generating capacity of 1,250 megawatts. With the start of construction projected for 2010, development is proposed on a 303-acre site located along the Delaware River and within 1.5 miles of utility

right-of-way. The project requires interconnection with regional utility infrastructure, including natural gas pipeline(s), electric transmission lines, and wastewater utility pipes associated with Gloucester County Utilities Authority operations.

Marathon is assisting West Deptford Energy, LLC by providing professional engineering and environmental services required to secure local, state, and federal land development approvals. Marathon's engineering department prepared a comprehensive site plan set for the project that was approved by the West Deptford Township Planning Board as part of the Preliminary and Final Site Plan Approvals issued in September 2008. Working with various members of the project team, including Marathon's environmental staff and other engineering firms, Marathon's engineering department designed the project layout, grading, stormwater management plan, utilities plan, and soil erosion & sediment control plan.



Marathon's environmental department assisted throughout the due diligence and design processes by performing the following services:

- wetlands delineation for the entire project site (including utility easements), encompassing roughly 325 acres;
- wetlands Letter of

Interpretation (Line Verification) Application that was approved by the New Jersey Department of Environmental Protection (“NJDEP”);

- bald eagle habitat suitability assessment;
- Environmental Impact Statement submitted to West Deptford Township;
- Phase I Environmental Site Assessment;
- multiple-permit application that resulted in the NJDEP’s approval of a Waterfront Development Permit, Freshwater Wetlands General Permits, and Freshwater Wetlands Transition Area Waivers;
- Nationwide Permit application submitted to the U.S. Army Corps of Engineers; and,
- site inspections to identify environmental constraints (i.e., wetlands, threatened/endangered species habitat, flood hazard areas, etc.) within approximately 1.6 miles of regional utility easements.

**Client:**

**West Deptford Energy, LLC**

A joint venture between Dynegy Inc. and  
LS Power Associates, L.P.  
Two Tower Center Boulevard, 11th Floor  
East Brunswick, New Jersey 08816  
Matthew J. Held (732) 249-6750

**Period of Performance:**

2007 to present

**Key Personnel:**

Rick Ricciardi, P.P., AICP  
Thomas P. Béchar, Jr., P.E.  
Gerhard Mueller  
Donald Brickner  
Robert L. Carter, Jr.

**LAND USE STUDIES AND PERMITTING FOR  
CLEAN HARBOR SOLAR PROJECT  
Logan Township, Gloucester County, New Jersey**

Marathon was contracted by Clean Harbors to provide environmental consulting services to assist with the acquisition of New Jersey environmental land use approvals from the New Jersey Department of Environmental Protection (NJDEP) to construct a 1.5 megawatt solar array within a 6 acre hazardous waste site in Logan Township. The power generated from the solar array is to be used for the remediation of the contaminated groundwater that is generated from this facility. Of particular concern to the NJDEP and United States Environmental Protection Agency was insuring that the foundation to the solar panels would not puncture the impermeable membrane of the landfill. To satisfy this concern, the system was designed with a concrete ballast floating foundation.

Marathon delineated the extent of wetlands within the site, identified potential threatened and endangered species habitat along the Raccoon Creek and adjacent wetlands and applied for a General Permit to redevelop areas that were within the Wetland Transition Area and regulated under the New Jersey Freshwater Wetlands Protection Act. Because the site was within 500 feet of the mean high water line of Raccoon Creek, we also applied to the NJDEP for an Upland Waterfront Development Permit. We were required to address the forestation preservation and public access to the waterfront requirements of the New Jersey Coastal Rules.

Marathon also prepared a detailed environmental impact statement to address the site plan requirements of the Logan Township Planning Board. We provided expert testimony to the planning board to justify the solar array within the site.

**Client:** Bridgeport Disposal, LLC  
c/o William Geary  
42 Longwater Drive  
Norwell, Massachusetts 02061-9149  
856-467-7420

**Period of Performance:** May 2010 - March 2011

**Contract Value:** \$15,000.00

**Key Personnel:** Rick Ricciardi  
Ryan Healey



**SOLAR PHOTOVOLTAIC SYSTEM  
USE VARIANCE, PLANS AND PERMITTING  
PSE&G and juwi solar Inc.  
Burlington Township, Burlington County, New Jersey**

Marathon Engineering & Environmental Services, Inc. (Marathon) assisted Public Services Electric & Gas (PSE&G) and juwi solar Inc. with obtaining approvals for construction of a solar photovoltaic system in Burlington Township, Burlington County, New Jersey. In connection with the State goal of creating more renewable energy sources, PSE&G has constructed multiple solar photovoltaic facilities. This project is a 3.5 MW AC and 3.82 MW DC facility spread over 25 acres of vacant farm field adjacent to Mill Creek. The construction proposed limited disturbance and was ground mounted.

Solar photovoltaic facilities are only permitted as a principal use in the Industrial Zone in Burlington Township. This site was zoned for Highway Commercial/Business. Accordingly, Marathon assisted juwi solar and PSE&G by obtaining a use variance along with site plan approval for the facility. As part of the measures to mitigate the potential impacts of the non-conforming use in the Business zone, a landscape berm was also provided along the project frontage to buffer the view from the street.



Marathon prepared plans and documents, and provided testimony at a public hearing, to obtain Use Variance and Site Plan approval from the Township Zoning Board, Site Plan approval from the

County Planning Board, Soil Erosion and Sediment Control Plan Certification from the Burlington County Soil Conservation District and a Freshwater Wetlands Permit from the New Jersey Department of Environmental Protection for fill of an isolated feature in the footprint of the solar facility.

**Client:** juwi solar Inc.  
1805 29th Street, Suite 2054  
Boulder, Colorado 80301

**Period of Performance:** 2010 – 2011

**Key Personnel:** Jason T. Sciallo, PE  
Tom Kunze

**PHASE I, PHASE II, UST REMOVAL AND SOIL & GROUNDWATER REMEDIATION  
Atlantic City Property Investment Group  
Atlantic City, Atlantic County, New Jersey**

Marathon was retained by Atlantic City Property Investment Group to complete a Phase I Environmental Site Assessment of a proposed multi-family housing development on a 0.59 acre tract of land located at Baltic and South Carolina Avenues. During the Phase I, it was determined through a review of historical sources that the vacant property was formerly developed with residential dwellings. An Electromagnetic/Ground Penetrating Radar ("EM/GPR") Survey was completed. Two (2) underground storage tanks ("USTs") were identified: one (1) 500-gallon tank and one (1) 1,000 gallon tank.

Marathon closed the two (2) USTs in accordance with NJDEP regulations. During the closure of the USTs, it was determined that the 1,000 gallon UST had holes in it and had impacted soil and groundwater. Petroleum impacted soil was removed from the excavation and petroleum impacted groundwater was pumped from the excavation. The NJDEP was notified and a Memorandum of Agreement application was prepared and submitted to the NJDEP along with a Remedial Action Report. The Remedial Action Report summarized the results of the UST closure and soil remediation and post-excavation soil sampling and recommended a groundwater investigation.

A groundwater investigation was then initiated by Marathon. Through groundwater sampling it was determined that elevated concentrations of benzene, toluene, ethylbenzene and xylenes ("BTEX") were present in the groundwater above the NJDEP's Groundwater Quality Standards. Using enhanced fluid recovery, the groundwater in the area of the former 1,000 gallon UST was remediated and confirmed with two (2) rounds of groundwater sampling and analysis that showed no concentrations of BTEX above the NJDEP's Groundwater Quality Standards. A Remedial Action Report Addendum was submitted to the NJDEP requesting no further action for the former USTs. The soil and groundwater remediation was complete and a no further action letter was received six months after the USTs were identified.

**Client:** Atlantic City Property Investment Group  
Michael Busler  
107 N. 36th Avenue  
Longport, New Jersey 08403

**Period of Performance:** December 2006 to June 2007

**Contract Value:** \$35,000

**Key Personnel:** Robert Carter  
Jordan Leckenbusch

**VI. CERTIFICATE OF INSURANCE**



CERTIFICATE OF LIABILITY INSURANCE

OP ID MA

DATE (MM/DD/YYYY)

12/29/10

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER: Marquis Agency A&E Practice, 900 Route 9 North, Suite 503, Woodbridge NJ 07095, Phone: 800-272-6771, Fax: 732-634-5379. CONTACT NAME, PHONE, FAX, E-MAIL, ADDRESS, PRODUCER, CUSTOMER ID #: MARAT-1. INSURER(S) AFFORDING COVERAGE: INSURER A: Beazley Insurance Company, NAIC #: 37540.

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Table with columns: INSR LTR, TYPE OF INSURANCE, ADDL SUBR INSR, WVD, POLICY NUMBER, POLICY EFF (MM/DD/YYYY), POLICY EXP (MM/DD/YYYY), LIMITS. Rows include GENERAL LIABILITY, AUTOMOBILE LIABILITY, UMBRELLA LIAB, WORKERS COMPENSATION AND EMPLOYERS' LIABILITY, and Prof Liability Ins.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required) The limit of liability shown applies to all professional services rendered by the Named Insured, including services rendered on the following project.

CERTIFICATE HOLDER CANCELLATION

SPECIMEN SPECIMEN SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE [Signature]



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
9/10/2010

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Clarke Insurance Agency 211 High Street  Mount Holly NJ 08060 INSURED  Marathon Engineering & Environmental Services, 510 Heron Drive Suite 100 Swedesboro NJ 08085		CONTACT NAME: Donald Reardon PHONE (A/C, No, Ext): (609) 267-1441 E-MAIL ADDRESS: don@clarkeinsurance.com PRODUCER CUSTOMER ID: 00095583 FAX (A/C, No): (888) 314-0390	
		INSURER(S) AFFORDING COVERAGE	NAIC #
		INSURER A: Harleysville of NJ	42900
		INSURER B:	
		INSURER C:	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: 10-11 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMPIOP AGG \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE \$ RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC00000090526A	9/17/2010	9/17/2011	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER  [Insured's Reference Copy]	CANCELLATION  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  Donald Reardon/DJR



# CERTIFICATE OF LIABILITY INSURANCE

OP ID MA  
MARAT-1DATE (MM/DD/YYYY)  
09/24/10

<b>PRODUCER</b> Marquis Agency A&E Practice 900 Route 9 North, Suite 503 Woodbridge NJ 07095 Phone: 800-272-6771 Fax: 732-634-5379	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
	<b>INSURERS AFFORDING COVERAGE</b>	<b>NAIC #</b>
<b>INSURED</b> Marathon Engineering Dan Martin 510 Heron Drive, Suite 100 Swedesboro NJ 08085	INSURER A: Travelers Prop & Cas of Amer	25674
	INSURER B: Charter Oak Fire Ins. Co.-Trav	
	INSURER C: Travelers Indemnity Company	25658
	INSURER D:	
	INSURER E:	

## COVERAGES

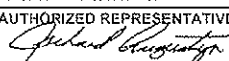
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A		GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC	680-4835L588-TIL-10	09/17/10	09/17/11	EACH OCCURRENCE \$ \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ \$300,000 MED EXP (Any one person) \$ \$5,000 PERSONAL & ADV INJURY \$ \$1,000,000 GENERAL AGGREGATE \$ \$2,000,000 PRODUCTS - COMP/OP AGG \$ \$2,000,000
B		AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	BA-5022L551-10-GRP	09/17/10	09/17/11	COMBINED SINGLE LIMIT (Ea accident) \$ \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$
C		EXCESS / UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$10,000	XSF-CUP-7206Y841-IND-10	09/17/10	09/17/11	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$ \$ \$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under SPECIAL PROVISIONS below				<input type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A		OTHER Property Section	680-4835L588-TIL-10	09/17/10	09/17/11	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS  
 Evidence of Insurance

## CERTIFICATE HOLDER

## CANCELLATION

<b>EVIDENCE</b>  Evidence of Insurance	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.  AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2009/01)

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## **IMPORTANT**

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

## **DISCLAIMER**

This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.