

ORIGINAL

Proposal for Professional Services

**RFP #02 Engineering Services -
Solid Waste**

Prepared for the:

Morris County Municipal Utilities Authority

County of Morris

State of New Jersey

January 28, 2025

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January 22, 2025

Mr. Larry Gindoff, Executive Director
Morris County Municipal Utilities Authority
370 Richard Mine Road
Wharton, NJ 07885

Re: Proposal for Professional Services
RFP# 02 Engineering Services - Solid Waste
Morris County Municipal Utilities Authority

Dear Mr. Gindoff:

Richard A. Alaimo Associates (Alaimo Group) is pleased to submit our proposal and qualifications to the Authority to provide Professional Engineering Services for Solid Waste. We are prepared to accept all of the “duties and responsibilities” as set forth in your request for Professional Services. If the appointment is to be made in the name of an individual – our designee will be Richard A. Alaimo, P.E., P.P., BCEE, President.

Richard A. Alaimo Associates (Alaimo Group) has well over 30 years of experience providing solid waste management services for county, municipal and authority clients throughout the State of New Jersey. We have the staff and expertise to handle solid waste projects including, but not limited to, Transfer Station permitting, engineering design and construction, Recycling Consolidation Center modifications and Household Hazardous Waste Facility design and construction. With 29+ years of experience with the MCMUA, we have extensive knowledge and appreciation of your programs, facilities, policies, procedures, and planning objectives.

Richard A. Alaimo Associates (Alaimo Group) offers complete planning and design capabilities with expertise in the areas of environmental engineering, solid waste management, water supply and distribution, wastewater collection and treatment, civil and structural engineering, and transportation services. Our environmental activities are fully integrated into the design and permitting process. Careful environmental study at the beginning of a project enables us to identify critical ecological considerations and where appropriate, develop a design concept, which minimizes or diminishes the potential disruptive impact on the biosystem.

The firm has extensive experience in dealing with federal, state, and county agencies as well as inter-state agencies having regulatory powers in solid waste projects including design, construction management and permitting. Our staff maintains a close working relationship with the New Jersey Department of Environmental Protection and other pertinent state agencies.

- Consulting Engineers -

Civil • Structural • Mechanical • Electrical • Environmental • Planners

Since our work is almost exclusively for governmental agencies, we are alert to changes in federal, state and local laws, regulations and ordinances affecting our clients, and can ensure that we are working within the most recent guidelines. Similarly, we are aware of the current sources of funding for major public works projects and can assist our clients in their financial planning, grant procurement, and local funding options.

Our efforts are consistently directed toward achieving cost-effective solutions to our client's problems and needs. We have the capability to examine alternatives quantitatively and qualitatively to obtain more realistic and publicly acceptable results than a purely technological or economic analysis would provide. By working with our clients in long-term relationships, we are sensitive to their needs and are able to help these communities plan for the future rather than react to impending crises.

Attached you will find a brief description of the firm, experience and qualifications, a partial listing of clients, references and an employee rate schedule. We would propose attending all regular and special meetings, as requested, and performing all general engineering work related to and requested by the Authority. Richard A. Alaimo Associates (Alaimo Group) is a multiple discipline firm and with our depth of professionals and support staff we are capable of accommodating the corresponding workload in a timely manner.

We appreciate the opportunity to submit our qualifications. If you have any questions, please call.

Very truly yours,

RICHARD A. ALAIMO ASSOCIATES
(ALAIMO GROUP)



Richard A. Alaimo, P.E., P.P., BCEE
President

RAA/db
Enclosure

c: Mr. Miles Powell, II, Director of Business Development

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Professional Information



Alaimo Group
Consulting Engineers

Corporate Overview

For fifty-seven years, Richard A. Alaimo Associates (Alaimo Group) et al has provided engineering and planning services throughout the State of New Jersey and in the neighboring States of Pennsylvania and Delaware. We are one of the few firms that specialize in work for the public sector, thus avoiding any appearance of conflict in providing service to our clients. Our firm is a composite of civil, sanitary, environmental, planning, architectural, structural, mechanical, electrical and hydraulic engineering professionals. We have experienced steady growth in the number of people and the range of disciplines we represent along with the experience and capabilities of our professional and support staff. We now have 110 + employees, including thirty registered engineers, along with surveyors, planners, scientists and five registered architects. These design professionals are supported by technicians, CAD designers, survey and mapping teams and field services representatives.

Our services are tailored to meet our clients' specific needs. These range from building renovations to new building designs; from potable water wells and water distribution systems to modern filtration and treatment plants; from footbridges and nature paths to roads and highway structures; from landfills to resource recovery facilities, and from local storm drainage plans to watershed development plans. Alaimo Group et al offers complete planning and design capabilities covering all aspects of the civil, sanitary, environmental, mechanical, electrical, surveying, and structural engineering disciplines. Areas of expertise include, but are not limited to, the following:

- Architecture
- Building Design and Renovations
- Civil Site Improvements
- Community Planning
- Construction Management
- Electrical Engineering Services
- Environmental Engineering
- Field Services
- Mechanical/HVAC Engineering Services
- Municipal Engineering and Planning
- Parking Studies/ADA Compliance
- Parks and Recreational Facilities
- Planning Services
- Redevelopment Planning and Engineering
- Renewable Energy/Solar
- Site Planning and Permitting
- Solid Waste Management
- Stormwater Management
- Structural Engineering
- Surveying Services
- Transportation Engineering
- Utilities and Building Services
- Wastewater Collection and Treatment
- Water Supply, Treatment, Distribution
- Wetland Delineations and Permitting

Our Engineering and Planning Departments have extensive experience representing municipal clients, as well as planning and zoning boards. The firm represents over forty-five (45) municipalities and authorities as engineer of record, and over thirty (30) planning and zoning boards throughout New Jersey as engineer and/or planner. We have represented numerous municipalities and planning boards in Master Plan Development, subdivision and site plan reviews, affordable housing and redevelopment projects, bond estimates, construction inspection, as well as ordinance reviews and updates. The firm has received engineering and planning awards for its performance on scores of municipal and state projects.

The firm has extensive experience in working with federal, state, county, and municipal agencies as well as inter-state agencies having regulatory powers. The permit section of the firm provides required permitting services for the wide variety of projects designed and constructed for our clients. The environmental group has extensive experience in the preparation of Environmental Assessments, Environmental Health and Impact Studies, Historical and Cultural Studies, compliance and monitoring reports and dredge disposal plans. Our staff has maintained a close working relationship with the New Jersey Department of Transportation, New Jersey Department of Environmental Protection; New Jersey Department of Community Affairs; New Jersey School Development Authority; United States Environmental Protection Agency, the Delaware River Basin Commission, the Delaware Valley Regional Planning Commission, New Jersey Pinelands Commission, US Fish and Wildlife Service, and County Soil Conservation Districts.

During the construction phase of all projects, the firm has National Institute for Certification in Engineering Technologies (NICET) - certified field services personnel to observe work in progress, and verify compliance with the design standards, local ordinances and accepted construction practice. Due to the nature of our business, and in an effort to serve the needs of our clients, Alaimo staff is available to respond whenever the need arises. Design and field services staff are most easily available through cellular phones and emails and can be contacted at any time.

Alaimo Group et al provides an ongoing internal Quality Assurance/Technical Review of all major projects. The QA/TR team is primarily responsible to provide an independent review of any project to ensure that the data collected is adequate and appropriate, that all existing and new technology has been considered and that a sound, practical, cost-effective engineering approach has been made to solve specific problems. The president of the firm, and other senior staff members with a broad range of technical and management skills, focus their collective experience on your project.

The success and the reputation of our firm is the result of a constant awareness of the responsibilities and trust inherent in the engineer-client relationship and reflects our ability to demonstrate innovation and professionalism in our work. We do this by carefully considering our client's individual constraints and parameters, creatively analyzing all available state-of-the-art alternatives, and applying the old fashion values of hard work, care and personal service. It is the primary function of the consulting engineer and planner to recognize these facts and to develop a project that meets the mandated requirements as to performance standards, is delivered on time, constructed within the budget guidelines, and operated in an efficient, cost effective manner. Our success attests to our experience and ability and is the foundation of our future service to our clients.

Alaimo Group et al consists of Richard A. Alaimo Associates, our original company; and Tri-State Architects, which provides architectural services for municipalities, schools and public buildings and facilities. The firm's main office is located in Mount Holly, within a one mile radius of major access roads; New Jersey Turnpike, Route 295, Route 38 and Route 206. Our Wayne office is located in close proximity to Route 80 and the Garden State Parkway. Both offices are conveniently located enabling us to efficiently service our clients throughout the State.



Solid Waste Management Services

Richard A. Alaimo Associates (Alaimo Group) is a recognized leader in providing comprehensive solid waste management and design services. Our personnel have a detailed understanding of the technical, financial, environmental and regulatory issues surrounding solid waste management. We are experienced in all phases of solid waste management planning, from feasibility to development and implementation of systems ranging from small scale collection programs to advanced processing facilities.

Alaimo Group has assembled a group of solid waste specialists with expertise in a wide range of programs including source reduction, reuse, recycling, composting, resource recovery, and landfills. These specialists have provided regulatory assistance and asset management services in response to a changing regulatory environment. Regulatory changes, as well as changes to the supply and demand for solid waste disposal services, have challenged local government and regional authorities to remain competitive in the solid waste marketplace. Regulatory requirements, or in some cases economic issues, have influenced the development of financially viable programs. Frequently, we have been called upon to provide financial assessments as part of our traditional environmental permitting and design services.

Our ability to perform traditional environmental and civil engineering assignments, while at the same time “bench marking” progress made against market competitors, has made us unique within the solid waste industry. An example of our asset management services is to calculate air space requirements due to alternative management approaches. Changes in solid waste management programs to increase waste diversion utilizing landfills as a bioreactor or developing technology dependent processing systems all have measurable impacts to landfills and the previous disposal system.

Alaimo's experience in this area is particularly noteworthy because of the number of projects that have proceeded from inception to fruition in a stringent regulatory environment. Alaimo Group's full range of solid waste management capabilities can be categorized as follows:

- **Solid Waste Management Planning** – Prepare solid waste management plans and development strategies; evaluate waste management alternatives; assess waste generation and composition; evaluate facility siting options; prepare public participation programs.
- **Project Development and Procurement** – Provide technical and management services to determine project feasibility; establish the institutional structure; competitively procure and negotiate contracts with turnkey or full service contractors.
- **Independent Engineer** – Serve as consulting engineer to determine the technical and financial feasibility of a project; oversee design, construction, testing and operation of a solid waste facility for a third party.
- **Solid Waste Facility Design** – Prepare survey and preliminary and final design of solid waste facilities including landfills, transfer, recycling, composting, and processing facilities. Provide design services to rehabilitate, retrofit, close, or remediate existing facilities.
- **Environmental Permitting and Evaluation** – Conduct environmental impact assessments; evaluate facility performance and permit compliance.
- **Construction Services** – Construction monitoring, field inspection, QA inspection and related services for solid waste projects which have been publicly bid or procured through negotiation.
- **Operational Services** – Provide start-up assistance, contract operation performance review, O & M Manual preparation; technical operating assistance for public operation.



Knowledge and Experience – Morris County MUA

The Alaimo Group has provided professional planning and engineering services to the Morris County MUA in the area of solid waste management for over 30 years. The firm has an excellent understanding of the Authority's solid waste system. Previous work for the Authority has included the design and construction management of a household hazardous waste facility (HHWF), the re-permitting of both transfer stations, the preparation of permit modifications for the transfer stations, the preparation of Stormwater Pollution Prevention Plans (SPPP) and the design and construction management of capital improvements to the transfer stations. These capital improvements included the replacement of the tipping floor at both the Mount Olive and Parsippany Troy Hills transfer stations and the installation of misting systems at both transfer stations. In addition, the Alaimo Group permitted the stormwater management system at the Par/Troy Transfer Station.

The Alaimo Group has assisted in the preparation and review of the operating contracts for the transfer stations and out-of-county disposal facilities when requested by the MCMUA staff.

Recent services to the MCMUA includes:

1. Assisted in inspections of the Mount Olive and Parsippany-Troy Hills Transfer Stations at the completion of the contract operator contract (ongoing since 2020);
2. Prepared Solid Waste Facility Permit Renewal for the Mount Olive Transfer Station (Ongoing-Administratively Complete);
3. Tipping floor and loading bay shroud replacement at the Parsippany Troy Hills Transfer Station (completed 2021);
4. Prepared Annual Report of the Stormwater Pollution Prevention Plan (completed 2021);
5. Investigated deflection of southern exterior wall of the Parsippany-Troy Hills Transfer Station and recommended repairs (completed 2021).
6. Performed preliminary concept design and professional services proposal for the expansion of the scale house and the creation of a residential drop-off facility at the Mount Olive Facility (completed 2021);
7. Assisted in the preparation of floor plans and documentation associated with the MCMUA Emergency Action Plans for the Parsippany-Troy Hills and Mount Olive Transfer Stations.
8. Prepared bid documents and performed construction administration for the Mount Olive Tipping Floor Rehabilitation (Completed 2023).
9. Prepared Facility Reviews as part of an effort to monitor maintenance effort by Mascaro (completed in 2022 and 2023).

10. Reviewed condition of free-standing masonry wall to north of the Parsippany-Troy Hills Transfer Station to address damage by equipment (Ongoing).
11. Investigated feasibility of connecting the Mount Olive Transfer Station to the municipal water and sanitary sewer services (Ongoing).

The Alaimo Group staff provides expertise in a wide range of professional services and is well versed on the trends in solid waste management and the need of the Authority to achieve and maintain an economically competitive solid waste system.



*Alaimo Group
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Solid Waste Management Planning

Solid Waste Management Plan Update

*Passaic County Department of Health,
Office of Recycling and Natural Resources*

Alaimo Group prepared an update to the Passaic County Solid Waste Management Plan. The planning document marked the beginning of a two year planning process to revise the county solid waste management plan after flow control was ruled unconstitutional. Alaimo Group lead an interactive planning process coordinated with all sixteen municipalities in the county to develop a new system to monitor and approve recycling and solid waste management programs as part of the County's efforts to reach the state's goal of 50% recycling of the municipal waste stream and 60% recycling of total solid waste. The plan update included a new enforcement program to be used by the Passaic County Department of Health. The new enforcement program was designed to educate commercial and residential generators to mandatory source separate requirements and the need to reach state recycling goals.

Procurement of Solid Waste System

Mercer County Improvement Authority

Alaimo Group prepared bid specifications for the operation, transfer, and disposal of all solid waste generated from Mercer County. Alaimo Group prepared the performance standards for the operation of the Mercer County Transfer Station and disposal system in conformance with state and federal guidance to avoid discrimination of interstate commerce. Alaimo Group conducted a pre-bid conference with potential bidders and evaluated bids using the standards included in the bid documents.

Solid Waste Management Plan Update

Salem County Utilities Authority

Alaimo Group prepared an update to the Salem County Solid Waste Management Plan. The plan update was undertaken to satisfy the request of the New Jersey Department of Environmental Protection to update the plan and address the state's goal of 50% recycling of the municipals waste stream and 60% recycling of total solid waste. Included in the plan update was a strategy explaining the County's role as a market participant – competing for waste with other public and private landfills. The plan update also summarized future enforcement programs which are part of the County's strategy to reach higher recycling goals advocated by the state.

Solid Waste Composition Study

Morris County Municipal Utilities Authority (MCMUA)

Alaimo Group conducted a two season analysis of the Morris County waste stream on behalf of the MCMUA. Representative samples of the municipal waste stream were manually sorted into constituent material categories over a two-week period. Bulky waste was visually screened to estimate its relative composition. Sorted and unsorted MSW samples were sent to a laboratory for proximate, ultimate, and heating value analyses. This composition analysis determined the approximate concentration of material components, the percentage of recyclables remaining in the waste stream, and the approximate heating value of waste categories. The findings of this study were used in subsequent reports to help determine the future impact of particular recycling programs and to project the heating value of the waste requiring disposal

Solid Waste Quantity Projections

Morris County Municipal Utilities Authority (MCMUA)

Alaimo Group prepared solid waste quantity projections based on waste generation, recycling, and disposal data. The projections considered national and regional waste generation rate projections as well as the effect of the Task Force recommendations. Based on the waste composition study and the waste quantity projections, recovery goals for each material type were established.

Solid Waste Quantity Projections

Passaic County Utilities Authority (PCUA)

Alaimo Group prepared solid waste quantity projections for Passaic County using a methodology similar to that used for the Morris County Study. The results of the Study were projections used in the Facility capacity analysis as well as the economic projections for the County's proposed resource recovery facility. The Study estimated the effect of source reduction and enhanced recycling policies on the quantity and type of waste requiring disposal.

Facility Capacity Analysis

Passaic County Utilities Authority (PCUA)

Alaimo Group prepared an analysis of the proposed Passaic Resource Recovery Facility to determine the quantity of excess capacity which may be available to another district. The capacity analysis projected the County's processible waste disposal requirements and compared those needs with the proposed mass burn facility's guaranteed and actual capacity. The results of the study were used in regional discussions with other solid waste districts.

Enhanced Recycling Strategy

Passaic County Commissioners

Alaimo Group prepared an assessment of existing recycling rates and practices in Passaic County and determined the recoverable materials which remain in the waste stream. The report outlined a strategy for increasing the recycling rate in key materials with the ultimate objective being a 60% overall recycling rate and a 50% municipal recycling rate.

Assessment of Solid Waste Management Alternatives

Morris County Municipal Utilities Authority (MCMUA)

Alaimo Group conducted an assessment of various solid waste management system alternatives for the Morris County MUA. This analysis consisted of a detailed description of the system scenarios worthy of serious consideration. Waste flow charts were prepared for each scenario based on anticipated recovery or re-use rates for various components. Each scenario was evaluated based on conformance with the Task Force report and life-cycle costs. The conclusion of the study was a proposed integrated waste management strategy involving materials recovery, MSW composting, bulky waste processing, and possible inclusion of other resource recovery options.

Process and Design Evaluation: Morris County Recycling Consolidation Center

Morris County Municipal Utilities Authority (MCMUA)

Alaimo Group conducted a process and design evaluation of the Morris County Recycling Consolidation Center. This study evaluated the existing center operation and prepared design plans for revised conveyance, sorting, and baling facilities. Economic evaluations were also prepared to estimate the processing cost for each material accepted at the recycling facility. The result of the study was the implementation of operational and process equipment improvements.

Economic and Engineering Analysis of the Delaware County Transfer Station System
Delaware County Solid Waste Authority

Alaimo Group prepared a detailed evaluation of the transfer station system in Delaware County, PA. on behalf of the County Solid Waste Authority and County Council. Delaware County has used two converted former incinerators as transfer stations for almost 15 years. The study examined the structural condition and locational advantages of each station and evaluated the merits of various system alternatives. Both transfer stations exhibited serious design limitations which limited the time efficiency and design capacity of the facilities. The study concluded that the alternative that minimized the system costs was to replace one of the transfer stations with a modern facility to serve most of the County and to direct the remaining waste directly to the Westinghouse resource recovery facility in the City of Chester. The study further recommended that various options for the eventual rehabilitation or conversion of the second transfer station should continue to be evaluated during the redevelopment of the main transfer facility in Marple Township.



*Alaimo Group
Consulting Engineers*

Solid Waste Facility Design

Burlington County Resource Recovery Complex:

*Landfill No. 1; Phase I, II, III, IV V; Engineering Design; Construction
Burlington County Commissioners; 1986-1994*

Alaimo Group was responsible for the preparation of engineering design plans and specifications for the Phase I construction of the Burlington County Resource Recovery Complex. This comprehensive and unique waste management complex included a landfill, transfer station, bulky waste processing facility, an RDF/Co-Composting plant, materials recovery facility (MRF), permanent household hazardous waste facility, and leachate and methane gas treatment plants. Alaimo Group was retained to design all major components of the complex.

The Phase I project was originally permitted by NJDEPE in 1987. The initial \$28 million phase consisted of a 12-acre landfill area, transfer station, scale facilities, bulky waste facilities, leachate treatment facilities, access roads, drainage improvements. The 16-month construction project was separated into four stages with the initial stage completed in seven months. Alaimo Group also prepared the construction plans for Phases II, III, IV, and V of the Burlington County Landfill. Each construction phase consisted of a 10 to 12 acre landfill area. The construction plans and specifications conformed to the overall landfill design prepared in 1986.

Burlington County Resource Recovery Complex:

*Landfill No. 2; Phase I, Phase II, Phase III, Phase IV, Phase V, and Phase VI
Burlington County Commissioners; 1996 - 2016*

Alaimo Group completed the engineering design plans and permit applications for a second landfill within the Burlington County Resource Recovery Complex. This landfill included 70 acre Solid Waste Landfill Area for the disposal of unprocessed solid waste. This 70± acre landfill was designed to permit leachate recirculation to expedite the decomposition of the underlying solid waste as well as future landfill mining operations if proven to be economically and technically feasible. The design included a sophisticated leachate containment and collection system; a two level leachate recirculation system; and an extensive methane gas extraction system to handle the higher levels of landfill gas produced during the leachate recirculation period. The methane gas generated by the landfill was used to operate generators which produce electric power for the Complex.

Phase 1 of Landfill No. 2 (17.2 acres) was completed in December 1999 and Phase II (16 acres) was completed in 2002. Phase III (10 acres) was completed in May, 2005. Phase IV (10 acres) was completed in 2009. Phase V construction (16.5 acres) was completed in 2012. Phase VI (5.2 acres) construction was completed in 2016. Landfill No. 2, Phase I and Phase IV Design and Construction included a double liner system including 18" to 60" thick compacted clay liners, a needle punched geosynthetic clay liner (GCL), a 60 mil textured HDPE liner, a triplanar double sided geocomposite and 18 inches of leachate drainage layer sand. Phase II and Phase III design was similar to Phase I except that the GCL was replaced with additional 18 inches of C.C.L.

Burlington County Resource Recovery Complex:

*Landfill No. 1; Cap
Burlington County Commissioners - 1997-2002*

Alaimo Group completed the engineering design, permitting and construction management for a landfill cap on Landfill No 1 (54 acres) complete with a gas collection system and stormwater runoff controls. Stage 1 (25 acres), completed in 1998 consisted of 6" topsoil over a 12-inch thick sand drainage layer, a biplanar drainage composite, a 40 mil LLDPE geomembrane and 18 inches of native soils. Stage II (29 acres), completed in 2002 consisted of topsoil over an 18-inch thick drainage layer on three (3) feet of Woodbury clay.

Burlington County Resource Recovery Complex:

*Landfill No. 2, Phase I, Interim Cap
Burlington County Commissioners – 2007*

Alaimo Group prepared plans and specification for construction of an “interim”, 18 acre cap on landfill No.2. Fourteen (14) vertical gas extraction wells were installed in 2005 and a 20 mil polyethelene (interim) cap was constructed on the 18 acres serviced by the 14 wells. The interim cap is periodically stripped and restored as settlement allows for additional land filling on this bioreactor landfill.

Burlington County Resource Recovery Complex:

*Landfill No. 3
Burlington County Commissioners – 2023-2025*

Alaimo Group is involved in the design and permitting for a 50-acre landfill expansion. The NJDEP Solid Waste Facility permit has been issued. In addition, the Landfill #3 expansion involved extensive NJDEP Land Use Regulation Program review and permitting. An individual freshwater wetlands permit has been issued for the disturbance of approximately 10 acres of freshwater wetlands. An individual flood hazard area permit has been issued. A Treatment Works Approval has been issued by the NJDEP Division of Water Quality. The reports prepared for NJDEP solid waste facility permitting included engineering design report, environmental and health impact statement, technical specifications, quality assurance/quality control plan and closure and post-closure care plan for the facility.

Burlington County Resource Recovery Complex:

*Co-Composting Facility
Burlington County Commissioners; 1991-1993*

Alaimo Group prepared the engineering design plans for the Burlington County co-composting facility. The project utilized an in-vessel composting process to handle de-watered sludge. Wood chips or processed solid waste was used as the media for the process. The open bin design of the Burlington County project made it possible to readily accept either sludge or segregated solid waste in the composting process.

This project received all necessary permits in late 1991 after extensive public hearings and was bid in February 1992. Between March and June 1992 the design was modified to reduce costs by 20 percent and applications were filed to modify applicable permits. The last of the modified permits was issued in draft form in December 1993. Due to the recent U.S. Supreme Court ruling regarding Flow Control, the County sought alternative methods for sludge treatment and disposal.

Burlington County Resource Recovery Complex:

*Materials Recovery Facility
Burlington County Commissioners; 1991*

Alaimo Group permitted and designed the Burlington County Materials Recovery Facility. This facility was designed to handle and process source separated recyclables (primarily waste paper) and to produce the wood chips needed for the co-composting operation from wood waste. Because of the large quantities of wood chips required for the composting process, this facility was designed to process up to 600 tons of wood waste per day. The County elected to decentralize this facility and to construct or expand satellite facilities to process the wood waste, corrugated, newsprint, office paper and plastics which were permitted for recycling at this facility. Accordingly, Alaimo Group designed and conducted construction management for expansion of the bulky waste facilities on the Complex and for installation of a high volume baler at a satellite facility. The wood waste roll-off container receiving and sorting facility was designed in 1994.

Technical Evaluation of FLR Landfill:

Burlington County Commissioners; 1992

Alaimo Group conducted a detailed investigation of the FLR landfill to determine its impact on the surrounding environment and the adjacent proposed county landfill site. The study involved the evaluation of the integrity of the clay layer and dikes, the efficiency and performances of the leachate collection system, and the quality of ground and surface water resources. The analysis included the implementation of a ground and surface water sampling program as well as the installation of leachate monitoring wells. Specific recommendations for upgrading the leachate collection system were developed and preliminary cost estimates were prepared for these design improvements. A phased closure plan was recommended which was subsequently implemented by others under the "superfund" program.

Landfill Closure Plan:

Hopatcong Borough; 1989, 1996, 1998

Alaimo Group prepared a landfill closure plan for the municipal landfill in this North Jersey community in 1989. A revised closure plan prepared by Alaimo Group was submitted to NJDEP in July 1996 and thereafter approved in March 1997. The submission of the phased closure plan enabled the Borough to continue to use its landfill for solid waste disposal until December 31, 1995. Once landfill capacity was depleted, the Borough was directed by the NJDEP to submit an updated closure/post-closure plan. Alaimo Group prepared the engineering design plans for implementation of the closure plan in 1998. The closure plan involved the installation of a clay cap, a sand drainage layer and a vegetative layer over the 11 acre former landfill.

Delran Recycling Center Modifications;

Burlington County Commissioners; 1991

Alaimo Group was contracted to modify and upgrade this County Recycling Facility. The facility modifications involved the installation of a high volume and density baler primarily for paper materials. The baler installation required structural modifications to the building to support the baler and to provide a pit for baler maintenance. The project was designed in 1991 and the conveyor/baler installed in 1992.

Mercer County Transfer Station Expansion;

Mercer County Improvement Authority (MCIA); 1992

Alaimo Group permitted and designed a 14,000 square foot expansion to the Mercer County Transfer Station. The expansion and related site improvements were designed to upgrade the transfer station and bring it into compliance with NJDEPE solid waste facility regulations. Because the facility is located on a former landfill, the project required specialized construction practices as well as a methane gas abatement and sensing system.

Salem County Solid Waste Facility:

Phase I; Engineering Design Plans; Construction

Salem County Utilities Authority; 1986, 1989, 1993, 2001, 2005, 2007

Alaimo Group prepared the engineering design plans and specifications for Phase I construction of the Salem County Solid Waste Facility in accordance with State design regulations. The final permits for the Facility were received in February 1987 and construction commenced in June 1987. Operation of the Facility began on schedule in April 1988.

The design plans for this facility included a primary composite liner consisting of a High Density Polyethylene liner in compressive contact with a three-foot thick compacted clay liner constructed from on-site materials. Approximately 30 feet of in-situ clay serves as a secondary containment system. The facility contains an extensive leachate collection and drainage system above the primary liner as well as a leak detection/secondary collection system below this liner system. Leachate generated by the facility is stored on-site in a steel (covered) storage tank and periodically transported to an off-site treatment plant.

Alaimo Group also prepared the engineering design documents and conducted QA and QC monitoring for the Phase II, Phase IV Phase V, Phase VI, and Phase VII construction of the Salem County Solid Waste Facility. These landfill expansion projects were in conformance with the approved design plans and were completed in 1990, 1993, 2001, 2005 and 2007 respectively.

Alaimo Group prepared the Contract Documents and a Permit Modification to substitute a Geosynthetic Clay Liner (GCL) for 18 inches of compacted clay liner prior to the Phase VI construction.

Salem County Solid Waste Facility:

Landfill Expansion; Engineering Design and Permitting

Salem County Improvement Authority: 2008-2011, 2015-2017

Alaimo Group prepared engineering design plans and specifications, engineering design report, environmental impact statement and permit applications for an expansion of the landfill at the Salem County Solid Waste Facility. Permit requirements were extensive and included Wetland Individual Permit and Wetland Mitigation Plan.

The landfill expansion project includes a 31-acre landfill area located adjacent to the existing 39-acre landfill. The containment includes a double-composite liner system. Approximately 20-30 feet of in-situ clay serves as a secondary containment system. The landfill design includes leachate collection and pumping facilities and a second 200,000-gallon steel (covered) leachate storage tank with clay-lined containment area.

The design also includes stormwater management facilities, access roads and wetlands mitigation area. The Authority is bidding the construction for this work in phases.

Alaimo Group previously completed the design and bidding for the second phase of this expansion which entailed Cell 11 (8.3 acres). This project was subsequently awarded on June 28, 2016 for a two stage construction period that was completed and certified for filling in late 2017.

Salem County Improvement Authority: 2018

Construction of New Inbound Scale

Alaimo Group prepared specifications and contract documents for the installation of a new inbound hydraulic truck scale.

Salem County Improvement Authority: 2018

Condensate Pump Station

Alaimo Group prepared plans and specifications for the construction of a new concrete vault for the existing condensate pump station.

Salem County Solid Waste Facility: 2015-2021

Landfill Expansion Cell 10

Alaimo Group provided planning, design, construction management, field inspection, and engineering certification report in accordance with NJDEP solid waste facility permitting requirements. The 8-acre landfill project included excavation and subgrade preparation; perimeter and intermediate berm construction; double composite liner system, primary and secondary geosynthetic clay liner, high density polyethylene geomembrane liner, drainage composite layer; leachate drainage layer; primary and secondary leachate collection systems; primary and secondary leachate pumping systems; groundwater monitoring well; methane gas monitoring wells; electrical work; and emergency generator.

Burlington County Resource Recovery; Landfill #3

Burlington County Commissioners – 2023-2024

Alaimo Group is providing design and permitting services for the Landfill #3 Expansion of approximately 48 acres.

Salem County Improvement Authority: 2023
Construction of New Outbound Scale

Alaimo Group prepared plans, specifications and contract documents for the installation of a new outbound hydraulic truck scale.

Salem County Improvement Authority: 2024-2025
Landfill Expansion Cell 12

Alaimo Group is preparing plans, specifications, and contract documents for the 8-acre +/- Cell 12 landfill expansion project.



*Alaimo Group
Consulting Engineers*

Solid Waste Management Construction Management/Field Services

Salem County Solid Waste Facility; Phase I Construction;

Salem County Utilities Authority – 1987-88

Alaimo Group provided construction management and field services for the Phase I construction of the Salem County Solid Waste Facility on behalf of the Salem County Utilities Authority. The Phase I landfill project included the construction of a six-acre landfill area, a leachate storage tank, sedimentation/detention basins, a maintenance building, access roads, scale house, administrative offices, and related site improvements. The project was completed in accordance with a rigid time schedule (seven months) in early 1988 and within the original construction budget (\$4.0 million). The construction of the landfill was certified by the Company in accordance with NJDEP regulations.

Burlington County Resource Recovery Complex; Landfill #1 Phase I Construction; Burlington County Commissioners – 1988-89

Alaimo Group provided construction management and field services for the Burlington County landfill project which commenced construction in January 1988, including QA/QC monitoring and reporting. The \$28 million project included a 12-acre landfill area, transfer station, leachate treatment plant, bulky waste handling facility, and other related improvements. The first stage of construction was completed in seven (7) months to permit the commencement of disposal operations.

Salem County Solid Waste Facility; Phase II Construction; Salem County Utilities Authority – 1989-1990

Alaimo Group performed construction management and field services related to the Phase II landfill expansion of the Salem County Landfill. The firm was directly responsible for Quality Assurance (QA) activities at this landfill in conformance with State regulations. The second phase of the landfill construction involved the construction of a double-lined six-acre landfill section.

Burlington County Resource Recovery Complex; Landfill #1 Phase II Construction; Burlington County Commissioners – 1989-1990

Alaimo Group provided construction management and field services for the Phase II construction of the Burlington County landfill as well as related construction projects within the facilities complex, including QA/QC monitoring and reporting. These projects included two additional sections of the landfill as well as the on-site maintenance building.

Burlington County Resource Recovery Complex; Landfill #1 Phase III Construction; Burlington County Commissioners – 1990-91

Alaimo Group provided the construction management and field services for the Phase III expansion of this clay-lined landfill, including QA/QC monitoring and reporting. The expansion consisted of a 10-acre landfill section.

Pennsauken Landfill;

Pennsauken Solid Waste Authority – 1990

Alaimo Group provided Quality Assurance (QA) field engineering services for the Phase I expansion of the Pennsauken Landfill. This phase involved the construction of a seven (7) acre landfill.

Mercer County Transfer Station Expansion; Mercer County Improvement Authority – 1992

Alaimo Group supported the MCIA engineering staff during the construction of this transfer station expansion permitted and designed by Alaimo Group. The Company reviewed shop drawings and coordinated the field services conducted by the MCIA staff.

***Salem County Solid Waste Facility; Phase IV Construction;
Salem County Utilities Authority – 1993***

Alaimo Group provided the construction management and field services for the Phase IV expansion of this clay-lined landfill. The expansion consisted of a 6 acre landfill section.

***Burlington County Resource Recovery Complex; Landfill #1 Phase IV Construction;
Burlington County Commissioners – 1993***

Alaimo Group provided the construction management and field services for the Phase IV expansion of the Burlington County Landfill, including QA/QC monitoring and reporting. This 12 acre section was completed in June 1993.

***Burlington County Resource Recovery Complex; Landfill #1 Phase V Construction;
Burlington County Commissioners – 1994-1995***

Alaimo Group provided the construction management and field services for the Phase V and expansion of the Burlington County Landfill, including QA/QC monitoring and reporting. This 8.2 acre phase was completed in 1995 and is the last permitted section of Landfill No. 1.

***Gloucester County Solid Waste Complex; Phase IV Development;
Gloucester County Improvement Authority – 1997***

Alaimo Group provided Quality Assurance Auditing (QA) Field Engineering Services for the Phase IV expansion of the Gloucester County Landfill. This phase involved a double liner with a leak detection system on two cells totaling 9 acres.

***Burlington County Resource Recovery Complex; Landfill #2, Phase 1 Construction
Burlington County Commissioners – 1999***

Alaimo Group provided the Construction Management and Field Services for the Phase 1 Construction of Landfill 2, Sections 1 through 6 including 17.2 acres. The Construction included HDPE gas and leachate recirculation pipes, pump station and force main, a double liner system including 18" to 60" thick compacted clay liner, a needle punched GCL, a 60 mil HDPE liner, a triplanar double sided geocomposite and 18 inch thick leachate drainage sand.

***Burlington County Resource Recovery Complex; Landfill #2, Phase II Construction
Burlington County Commissioners – 2001***

Alaimo Group provided the Construction Management and Field Services for the Phase II Construction of Landfill 2, Sections 7 through 12 including 16 acres. The Construction included HDPE gas and leachate recirculation pipes, pump station and force main, a double liner system including 36" to 60" thick compacted clay liner, a 60 mil HDPE liner, a triplanar double sided geocomposite and 18 inch thick leachate drainage sand.

***Salem County Solid Waste Facility; Phase V Construction
Salem County Utilities Authority – 2000***

Alaimo Group performed construction management and field services related to the Phase V landfill expansion of the Salem County landfill. The firm was directly responsible for Quality Control (QC) and Quality Assurance (QA) monitoring at this landfill in conformance with State regulations. The fifth phase of the landfill construction involved the construction of a double-lined five acre landfill section.

***Salem County Solid Waste Facility; Landfill Gas Collection Control System
Salem County Utilities Authority – 2003***

Alaimo Group performed construction management and field services related to the Phase I landfill gas collection and control system at the Salem County Landfill. The project included 17 vertical gas extraction wells, collection piping, blower skid, enclosed landfill gas flare, control system, and condensate pump station.

***Salem County Solid Waste Facility; Phase VI Construction
Salem County Utilities Authority – 2005***

Alaimo Group performed construction management and field services related to the Phase VI landfill expansion of the Salem County landfill. The firm was directly responsible for Quality Control (QC) and Quality Assurance (QA) monitoring at this landfill in conformance with State regulations. The sixth phase of the landfill construction involved the construction of a double-lined five acre landfill section.

***Burlington County Resource Recovery; Landfill #2, Phase III Construction
Burlington County Commissioners – 2005***

Alaimo Group provided Construction Management and Field Services for the Phase III Construction of Landfill #2, Sections 13 through 16 including ten acres. The construction included HDPE gas and leachate recirculation piping, a double liner system including 36 to 60 inch thick compacted clay liner, a 60 mil HDPE liner, a triplanar drainage composite and 18 inch thick drainage sand. The project also included the construction of fourteen vertical gas extraction wells on landfill Sections 1 through 12. The project was completed in July 2005 with the completion of leachate extraction pumps in the gas wells.

***Salem County Solid Waste Facility; Phase VII Construction
Salem County Utilities Authority – 2007***

Alaimo Group performed construction management and field services related to the Phase VII landfill expansion of the Salem County Landfill. The firm was directly responsible for Quality Control (QC) and Quality Assurance (QA) monitoring at this landfill in conformance with State regulations. The seventh phase of the landfill construction involved the construction of a double-lined seven acre landfill section.

***Burlington County Resource Recovery; Landfill #2, Phase IV Construction
Burlington County Commissioners – 2007-2009***

Alaimo Group provided Construction Management and Field Services for the Phase IV Construction of Landfill #2, Sections 17 through 20 including ten acres. The construction included 18 inch to 60 inch thick compacted clay liner, GCL, a 60 mil HDPE liner, a triplanar drainage composite and 18 inch thick drainage layers. The project also included twelve vertical gas extraction wells, a compressor building, three pump stations, three meter pits and a leachate recirculation header.

***Burlington County Resource Recovery; Landfill #2, Phase V Construction
Burlington County Commissioners – 2010-2012***

Alaimo Group provided design, bidding, construction management and inspection services for 15 acres of construction including overburden excavation, compacted clay liner, HDPE liner, drainage composite and drainage layers. Project also included gas collection header, leachate recirculation header, and associated perimeter roadway improvements.

***Burlington County Resource Recovery; Landfill #2, Phase VI Construction
Burlington County Commissioners – 2016***

Alaimo Group provided design, bid, and construction phase services for this Landfill – 2, Phase 6 Expansion of 5.15 acres that was completed in 2016.

***Salem County Solid Waste Facility; Cell 11 Construction
Salem County Improvement Authority – 2016-2017***

Alaimo Group provided planning, design, construction management and field inspection services for an 8-acre landfill cell constructed in two stages, including engineering certification reports for approval to commence filling operations. The project was completed in March 2017.

***Salem County Solid Waste Facility; Cell 10 Construction
Salem County Improvement Authority – 2020-2021***

Alaimo Group provided planning, design, construction management and field inspection services for an 8-acre landfill cell constructed in two stages, including engineering certification reports for approval to commence filling operations. The project was completed in March 2021.



Solid Waste Experience

Project Experience by County

Richard A. Alaimo Associates (Alaimo Group) has served as engineering and planning consultants to a number of New Jersey Counties since 1977 on various solid waste management projects. Our recent project experience is summarized below by County and by type of project.

Burlington County

Since 1980, Alaimo Group has been the primary engineering firm responsible for the planning, siting, permitting, design, and construction management of the 640+ acre Burlington County Resource Recovery Complex. This complex includes a 54 acre landfill #1, and a seventy-two (72) acre (Bioreactor) landfill #2, a solid waste transfer station, a leachate treatment facility, a bulky waste handling area, a maintenance building, a scale house, well, water tank and distribution system, landfill gas flare, household hazardous waste facility and related roads and stormwater management facilities. The Complex also includes a prototype greenhouse which utilizes extracted landfill gas from the adjacent closed FLR landfill to heat the greenhouse facility.

This complex is also the site of the County's co-composting project as well as a Materials Recovery Facility permitted and designed by Alaimo Group. The Burlington County complex is one of the most comprehensive waste management complexes in the United States. This project is the subject of a detailed case history in this Qualification Statement.

Alaimo Group is currently involved in the design, permitting, phase 1 bid phase services and construction phase services, for a 50-acre landfill #3 expansion and landfill #2 phase 2 final cover.

Mercer County

Alaimo Group completed a transfer station expansion/modification project for the Mercer County Improvement Authority. This project was permitted and designed by Alaimo Group in 1992, involved the covering of 14,000 square feet of tipping area. Since the station is located on a former landfill, the project required specialized construction techniques and included a methane gas abatement and sensing system. The facility expansion and related site improvements were undertaken to bring the station into compliance with solid waste facility regulations.

Morris County

Alaimo Group has served as a planning and engineering consultant to the Morris County Municipal Utilities Authority (MCMUA) since 1987. During this period, consulting engineering services include a comparative evaluation of pre-selected resource recovery facility sites, participating in a successful resource recovery facility procurement process, preparing a preliminary Environmental and Health Impact Statement, and initiating Facility permitting activities in conjunction with the selected vendor. Other projects undertaken included a comparative landfill siting analysis and a solid waste composition analysis. The MCMUA also requested that Alaimo Group conduct an evaluation of the County's Recycling Consolidation Center and provide technical assistance on various other solid waste planning and implementation activities.

Morris County

The Alaimo Group has also prepared minor and major permit modifications and re-permitting applications for the MCMUA Transfer Stations. These permit applications have addressed compliance issues in an increasingly stringent regulatory environment. Recent issues have related to the stormwater and air pollution control permitting at the Parsippany/Troy Hill Transfer Station.

Passaic County

Alaimo Group has served as general engineering consultant to the Passaic County Board of Freeholders and the Passaic County Utilities Authority since 1983. During this period, Alaimo Group was involved in the evaluation of comparative resource recovery sites; the implementation of a resource recovery procurement process which resulted in a Service Agreement; monitoring and participation in the Facility permitting process; preliminary design of a covered entrance roadway; and the management of various site preparation activities. Because of numerous changes during the Facility permitting process, Alaimo Engineering was also directly involved in the re-negotiation of an amended Service Agreement for this project. The Passaic Resource Recovery Project received all necessary NJDEPE permits in 1990 but the Service Agreement was allowed to expire in 1991 because the project did not conform with revised NJDEPE regionalization policy and consequently approval of the amended Service Agreement could not be secured.

Alaimo Group's continued involvement in Passaic County has included monitoring compliance with the County's Landfill Contracts, expert testimony in rate case proceedings, the development of alternate waste processing strategies, and preliminary design studies for a County transfer facility

Salem County

Since 1977 Alaimo Group has been responsible for the siting, permitting, design, and the construction management of the Salem County Solid Waste Facilities Complex. The initial complex includes a 39+ acre landfill on a 250+ acre site in a rural part of the County. The landfill is located on a 30-foot thick clay strata which serves as the source of clay for the primary composite liner and acts as the in-situ secondary containment system. A 31 acre Landfill Expansion was designed and permitted by Alaimo Group in 2011. Additional County Complex infrastructure includes an administration building, a maintenance building, a scalehouse, leachate storage facilities, a bulky waste handling area, and related road and drainage facilities. Alaimo Group presently serves as Solid Waste Engineer to the Salem County Improvement Authority.

Somerset County

Alaimo Group completed an Interim/Residue Landfill Siting study for Somerset County. This siting analysis entailed a comprehensive screening process to identify candidate sites which were then ranked based on environmental and land use parameters. This effort resulted in the designation of a landfill site which was included in the district plan.

Project Experience By Facility Type

Sanitary Landfills

Siting - Alaimo Group has conducted landfill siting studies in Passaic, Burlington, Morris, Somerset, and Salem Counties.

Permit/Design - Alaimo Group has been involved in the permitting, design, and construction management of landfills in several New Jersey counties. The most notable recent examples are the County landfills in Burlington and Salem Counties for which Alaimo was fully responsible for all technical aspects of facility development. Alaimo Group has also prepared the design plans for the phased expansion of these facilities.

Landfill Closure - Alaimo Group has prepared closure plans for numerous municipal and private landfills in conformance with landfill closure regulations. The Company has also submitted closure plans for the phased closure of the County landfills which it has designed and permitted.

Procurement - Alaimo Group has participated in the procurement of landfill disposal services in Passaic County and to a lesser extent in other counties. Our experience has indicated that these procurements are most successful when the engineering consultant has both practical landfill design experience, contract negotiating experience, and is an integral part of the project team. The Company has also prepared procurement documents for contract operation of landfills in Burlington and Salem counties.

Compliance Monitoring - Alaimo Group has conducted annual capacity and compliance monitoring assessments of various landfills designated in the Passaic County License Agreements. These assessments determine each facility's remaining capacity as well as the level of compliance with applicable permits and evaluates the contractor's conformance with the Agreement.

Remediation - Between Alaimo Group's landfill development and closure projects, the firm has developed a knowledge of NJDEP regulations and a working relationship with NJDEP officials.

Solid Waste Transfer Stations

Permit/Design - Alaimo Group permitted and designed the Burlington County transfer station which is part of the solid waste management complex as well as a more recent expansion of the Mercer County Transfer Station. The Company also assisted with permitting and preliminary design for a County transfer station in Passaic County.

Design Studies - Alaimo Group has participated in rates cases before the BH. (now the B.C.) involving the provision of transfer station services in Morris and Passaic counties. These evaluations have included a technical review of the design of these facilities, construction cost evaluations, and conversion potential. In addition, we have prepared inspection reports of these facilities to evaluate permit compliance as well as the need for proposed capital improvements.

Recycling Facilities

Permit/Design - Alaimo Group was responsible for the permitting and design of the Burlington County Materials Recovery Facility (M.F.). This facility was permitted in 1991 and was designed to process source separated materials for baling and shredding operations. One of the purposes of the facility was to produce the wood chips needed for the co-composting operation. Because of the need for large quantities of bulking agents, the facility was designed to shred and process up to 600 tons of wood waste per day. The shredding equipment would also be capable of processing other materials presently stockpiled in the bulky waste handling area of the complex. Burlington County has since expanded its baling operation at a satellite location; has installed a primary shredder on the complex; and is preparing to construct a roll-off sorting slab for wood/demolition waste.

Design Studies - Alaimo Group also designed the renovations necessary at the County's Delran Recycling Facility to accommodate a high volume Baer. Alaimo Group also prepared an Evaluation of the Morris County Recycling Consolidation Center in April 1992 for the Morris County MUA. The firm also prepared permit applications and preliminary design documents for the Passaic County Transfer/Materials Recovery Facility. This facility was initially designed as a transfer facility with rudimentary materials segregation and will gradually evolve into a waste processing and materials recovery facility.

Composting Facilities

Permit/Design - Alaimo Group assisted Burlington County in the permitting and design of a co-composting project within the Resource Recovery Complex. The project included an in-vessel composting process (Ebara) to handle dewatered sludge. Wood chips generated at the County Complex from the processing of wood waste was to be used as the bulking agent for the composting process. The composting facility was capable of accepting source-separated organic (food) waste. Eventually, Burlington County proposed to use portions of the solid waste stream (which are segregated in a front-end processing facility) as the bulking agent for the composting process.

The Burlington County Co-Composting facility was approved for funding by the N.J. Wastewater Trust; received final permits in August 1991 and was bid in February 1992. Between March and June 1992 the design and specifications were modified and the affected permits were refiled. The systems and process were modified to reduce the project cost from the bid price (\$86 million) to an estimated \$70 million. The last of the modified permits was issued in December, 1993 in draft form. Due to the court ruling regarding flow control the County elected to construct a smaller scale facility under the MacEnroe process.

Design Studies - Alaimo Group has conducted technical evaluations of composting systems and technologies for Burlington, Passaic, and Morris Counties. Our permitting and design experience of composting facilities in New Jersey has provided us with the insight to evaluate different process and odor control technologies.

Waste-to-Energy Facilities

Procurement - Alaimo Group participated in the successful full service procurement projects undertaken by Passaic and Morris Counties. These projects involved full adherence to the McEnroe procurement process including the issuance of a Request for Qualifications, the short listing of qualified vendors, the issuance of a technically complete Request for Proposals, the technical and economic evaluation of proposals, the determination of a selected vendor, and the completion of contract negotiations with the designated vendor.

Design Studies - Alaimo Group has prepared feasibility and design studies for Burlington and Passaic counties exploring the potential for Refuse Derived Fuel (RDF) production facilities. These studies have found that RDF production may be an appropriate area of renewed investigation in counties which do not have access to mass burn disposal services. One of the issues which require resolution is an updated position by NJDEP on the regulation of the refused derived fuel product.

Planning Experience

Because of the ever-changing nature of state solid waste policies in New Jersey, Counties are faced with the need for a multiplicity of planning activities. The objective of recent planning mandates is the development of an integrated waste management strategy which combines a series of specialized facilities into an inter-related system. Effective planning is required to select the components of the system; establish their purpose and technical basis; and to coordinate the components into a function network. The recent New Jersey State policy of requiring districts to explore the potential for regionalization further complicates the planning process by compounding the number and type of system options which deserve consideration.

Alaimo Group has been assisting New Jersey counties with the technical support required for solid waste planning for over twenty-five (25) years. The Company's pertinent planning experience has included the preparation of:

- Comparative Facility Siting Evaluations (Morris);
- Waste Quantity Projections (Morris, Passaic);
- Enhanced Recycling Strategy (Passaic);
- Assessment of Solid Waste Management System Alternatives (Morris);
- Facility Capacity Analyses (Morris, Passaic);
- Refuse Derived Fuel Alternative (Passaic);
- Materials Recovery Facility - Feasibility Analysis (Passaic); and
- Solid Waste Composition Studies (Morris, Passaic);

Procurement Experience

Alaimo Group has had considerable experience in the procurement of solid waste services through accepted procurement procedures. Our experience can be categorized as full service procurement, contract service procurement, and inter-district (regionalization) negotiations.

Full-Service Procurement

Alaimo Group has participated in a number of full service vendor procurement projects in New Jersey. In our view, the critical issues in a full service procurement process can be summarized as follows:

- 1) Knowledge of the relevant procurement statute for resource recovery services;
- 2) Experience in the contract negotiation and technical evaluation process;
- 3) Preparation of technically sound procurement documents which foster competitive negotiation and pricing;
- 4) Formulation of comprehensive technical appendices to clearly define the vendor's performance obligations during all phases of the project;
- 5) Understanding of technical and performance provisions that have been incorporated into other similar contracts; and,
- 6) Relevant design/operating review experience with similar projects.

Alaimo Group was a direct participant in the resource recovery procurement process in both Passaic and Morris Counties and a project team member in other counties.

Contract Service Procurement

Alaimo Group has prepared the bid or negotiating documents for the contracting of solid waste services. Specifically, the Company prepared bid documents for landfill operation in Burlington and Salem Counties. The Company has also participated in the procurement of out-of-county landfill services in Passaic County by conducting a due diligence evaluation of designated landfills as well as annual compliance monitoring of those landfills.

Inter-district Negotiations

Alaimo Group has participated in inter-district negotiations on behalf of its County clients including discussions between Morris County and Delaware County, PA. and those between Morris County and American REF-FUEL regarding the use of excess capacity at these mass burn facilities. While the Morris County/Delaware County negotiations were not successful, they revealed the critical interdistrict issues which must be resolved in regional negotiations. The Morris/Essex interdistrict discussions resulted in a Memorandum of Understanding (MOU) which was produced for implementation consideration.

Sample Projects



Burlington County Resource Recovery Complex

Alaimo Group has served as the design engineer for one of the most unique and comprehensive solid waste facilities complexes in the northeastern United States. The diverse design experience of Alaimo Group is demonstrated by this continuing project.

Background

The Burlington County Commissioners selected Alaimo Group and Roy F. Weston, Inc. to prepare its long term solid waste management plan in conformance with state statutes. The study recommended the phase out of small, inefficient, and poorly designed municipal and private landfills and their replacement with a county waste management complex.

In 1980, Alaimo Group in conjunction with a geotechnical subcontractor conducted a county-wide landfill siting study to identify suitable sites for the location of the county landfill and related waste management facilities. This process resulted in the identification of a 600 acre site in Florence and Mansfield Townships adjacent to Interstate 295 as the County waste management complex.



Alaimo Group prepared a comprehensive master site development plan in 1984 for the complex. This plan set aside areas for a 54 acre landfill, future landfill areas, administrative facilities, a transfer station, an intermediate processing plant, bulky waste facility, a co-composting facility, a refuse derived fuel facility, leachate treatment plant, gas recovery system, and various support facilities. While the facility has evolved over the last 30+ years during the implementation process, the basic concepts of the original master site plan have remained.

Facility Description

Because of the diversity of the Burlington County Resource Recovery Complex, the various components of the complex which have been developed or are under development by Alaimo Group are described below.

Phase 1 Complex Development – The initial design and construction of the County Complex included the initial 12 acre landfill area, primary access roads, potable water well and 150,000 gallon water sphere, a bulky waste handling area, a 2,000 ton per day (TPD) transfer station, a leachate collection system, a 50,000 gallon per day leachate treatment plant, and a truck weigh station. This project was designed and the construction managed by Alaimo Group in 1988.

County Landfill No. 1 – The County landfill was sited in accordance with stringent NJDEP solid waste facility regulations on a low permeability clay strata which outcrops in this area of Burlington County. The landfill design involved the excavation of unsuitable surficial material and the grading of the Woodbury Clay into in-situ clay liner. Where the clay was found to be unsuitable, sections were over excavated and replaced with suitable compacted clay from the site. The leachate collection system consists of a series of perforated pipes located in the center of each module draining to perimeter manholes which feed the main leachate header. The collection system consists of a 1 foot sand layer and a sand filter layer of the same depth. The system is designed in accordance with NJDEP directives to prevent excessive head on the containment system.

Leachate Treatment Plant – Alaimo Group designed the 50,000 GPD wastewater treatment plant which went into operation in 1989 to handle sanitary waste from the proposed complex as well as leachate from the 54 acre landfill. The treatment process includes a physical/chemical treatment unit designed to remove phosphorus, heavy metals, and suspended particles and a biological/physicochemical process designed to remove non-settleable suspended, colloidal, and dissolved solids. Activated carbon is utilized in the biological process to enhance treatment performance. Flow equalization and storage tanks were included in the design to permit a regulated flow to the treatment process. Clarifiers are used to settle out the sludge in both treatment processes. All solids are dewatered using a plate and frame press.

Maintenance Facility – Alaimo Group designed the 7,380 square foot maintenance facility for the complex. This facility was placed into service in 1991 and includes office space, mezzanine storage, fuel tank island and a six bay maintenance garage.

Materials Recovery Facility – A Materials Recovery Facility (M.F.R.) was designed to process 120 tons per day of waste paper; 80 tons per day of corrugated paper; 600 tons per day of wood waste; and capacity to handle plastics and non-recyclable paper. The project has been permitted but is on hold pending evaluation of alternative satellite sites and staged development options.

Co-Composting Facility – Alaimo Group has designed and permitted a 380,000 SF in-vessel Co-Composting Plant for the waste management complex. The composting facility was capable of composting up to 55 dry tons of sewage sludge with wood chips. Because the bid prices exceeded available resources, the County elected to reject the bids in 1992 and to pursue a scaledown and repermitting process. Due to the U.S. Supreme Court decision on Flow Control the County elected to construct a smaller scale facility under the MacEnroe process.

Landfill No. 2 – In 1997, the Alaimo Group completed engineering plans and permit applications for the 70± acre Bioreactor Landfill No. 2 within the Complex. This landfill will have a sophisticated leachate containment and collection system capable of enabling leachate recirculation within the landfill. The purpose of the recirculation is to increase the rate of biochemical activity within the landfill while reducing peak flow rates on the leachate treatment plant. The landfill will also have an active gas extraction system to accommodate the increased methane gas generation associated with leachate recirculation. The recovered gas will be used to produce electric power for the Complex. This Landfill has also been designed to permit landfill mining after the leachate recirculation system has been completed. The technical and economic feasibility of landfill mining is presently being assessed by the County. Phase I and Phase II included 33 acres of landfill (12 cells) being landfilled since 1999. Phase III (4 cells = 10 acres) was completed in May 2005, Phase IV (10 acres) in 2009, Phase V (16.5 acres) in 2012, and Phase VI (5.2 acres) was completed in 2016. Alaimo Group completed Construction Management, QA and QC monitoring for all phases with an independent QA hired by others.

Related Facilities

Prototype Greenhouse – Burlington County contracted with Rutgers University for the design of a prototype greenhouse, seeding house, and packing house on the Resource Recovery Complex. Alaimo Group was contracted to review and supplement the Rutgers' design; to design site and utility improvements; to prepare bid documents; and to provide field services during construction. The 56,000 square foot facility went into operation in 1995. This project included the installation of a landfill gas fired boiler to heat the greenhouse facility; landfill gas service; and provisions for a future landfill gas fired generator to provide electricity for greenhouse lighting.

Household Hazardous Waste Facility – The Burlington County Board of Commissioners contracted with Richard A. Alaimo Engineering Company to review, modify and supplement the design drawings and specifications prepared by others for a Household Hazardous Waste Facility on the complex in Florence and Mansfield Townships. The facility was constructed in 1993-1994 and placed in service in March, 1994 with construction management accomplished by Richard A. Alaimo Engineering Company.

The Burlington County Household Hazardous Waste Facility was partially funded by USEPA and consists of:

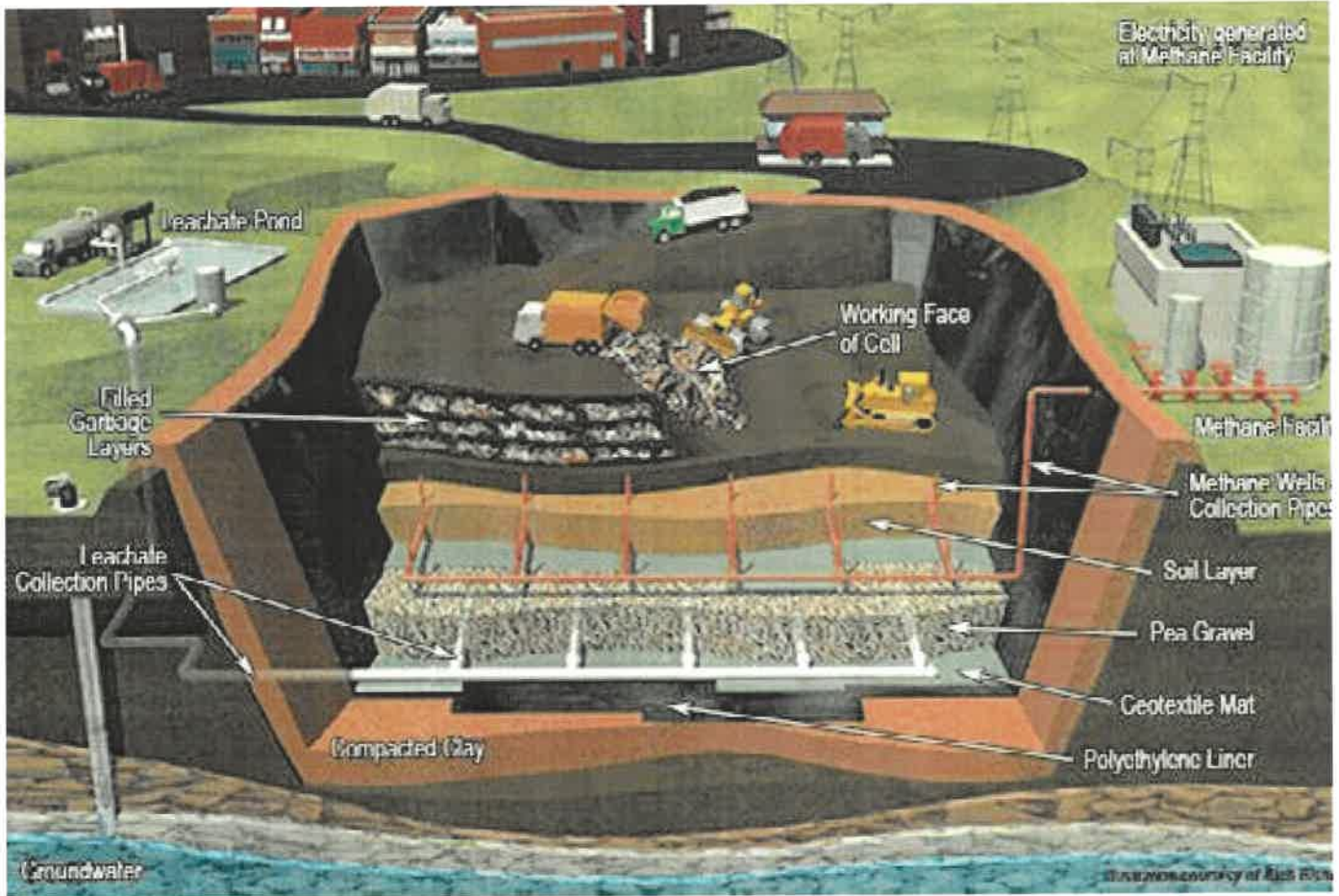
- 304 SF trailer on a permanent foundation with water and sewer service used as an office and for storage of forms and labeling/marketing devices
- 3,145 SF of concrete slab under roof (no sidewalls) with containment bins and an epoxy floor/bin protective coating
- 660 SF of concrete slab with no roof, covered with an epoxy floor protective coating
- 1,200 SF of concrete slab with no roof or epoxy floor cover for roll-off storage
- Fire suppression system under the roofed areas
- Above grade waste oil storage tank with platform and spillguard
- Bituminous and stone surfaced parking, drive and maneuvering areas
- Site lighting, alarm system, signage, telephone and electric service for operation of a small scale and computer
- Emergency eye wash/shower stations
- Air lines for installation and operation of an air compressor

The facility was designed to receive, inventory, pack and ship hazardous waste from small quantity generators (residential and small business generators) and to accept oil, anti-freeze, gasoline, paint, lacquers/thinners, solvents, pesticides, herbicides, fungicides, batteries, chemicals, cleaning agents, and other hazardous and acutely hazardous waste.

The HHWF receives the waste by appointment and operates 5.5 days per week. In order to further protect the site against contamination in the event of a fire, the County has contracted with Alaimo Engineering Company to design a perimeter trench grate to intercept any spills or washdown which may track beyond the roof covered slab receiving and packing limits. The HHWF cost \$364,000 to construct, including the \$30,000 trench grate system.

Salem County Improvement Authority Landfill Extension

NJ I-Bank and NJDEP Helping to Improve
New Jersey's Environmental Infrastructure, One Project at a Time



Pictures courtesy of the Alaimo Group

NJ I-Bank Project of the Week: Salem County Improvement Authority Landfill Extension; Authority receives \$6,624,625 in Water Bank loans. Estimated savings to ratepayers of \$703,729.

The Salem County Improvement Authority (SCIA) recently completed clean water improvements at its landfill that are being funded with approximately \$7 million in loans from the NJ Water Bank, a joint low-rate funding program of the DEP and the NJ I-Bank. Including interest cost savings, total savings for this project is estimated to be \$703,729, over the 20-year term of the loan or 11% of the total project cost. In addition, this project created an estimated 79 direct construction jobs.

The landfill cell construction provided environmentally sound disposal of Salem County's solid waste in compliance with County and State solid waste management policies and regulations. The landfill cell included a double-composite liner system designed and constructed



in accordance with NJDEP regulations and the SCIA solid waste facility permit to protect ground and surface water quality. The project includes an approximately eight-acre landfill cell, which is one phase of a 31-acre landfill expansion.

Benjamin H. Laury, Salem County Commissioner Director, stressed the importance of the project. "Our Improvement Authority is committed to environmental and financial responsibility. Expanding our landfill and protecting water quality has been an ongoing goal, and the NJ Water Bank has saved our ratepayers money every step of the way."

This project was designed by the Alaimo Group and constructed by Wyndham Construction LLC.

For more information regarding borrowing through the NJ Water Bank, visit www.njib.gov.

ALAIMO GROUP

SALEM COUNTY SOLID WASTE FACILITY SALEM COUNTY, NEW JERSEY

**Engineering Design Plans; Landfill Construction
Salem County Improvement Authority
1986, 1989, 1993, 2001, 2005, 2007,
2011, 2016 - 2017, 2019 - 2021**

Project Components

SERVICES PROVIDED:

NJDEP Solid Waste
Facility Permitting
Engineering Design
Environmental Impact
Statement
Construction Plans and
Specification
Construction
Management
QA/QC Monitoring
Engineering
Certification Reports



Alaimo Group prepared the engineering design report, plans and specifications for NJDEP permitting and construction of the Salem County Solid Waste Facility in accordance with State design regulations. The final permits for the Facility were received in February 1987 and Phase I construction commenced in June 1987. Operation of the Facility began on schedule in April 1988.

The design plans for this facility include a primary composite liner consisting of a geomembrane liner in compressive contact with a three-foot thick compacted clay liner constructed from on-site materials. Approximately 30 feet of in-situ clay serves as a secondary containment system.

Alaimo Group also prepared the engineering design documents and conducted QA and QC monitoring for the Phase II, Phase IV Phase V, Phase VI, and Phase VII construction of the Salem County Solid Waste Facility.

Alaimo Group prepared design plans and processed permits for 31-acre Landfill Expansion in 2011. In 2016-2017 Alaimo Group prepared plans, specifications and contract documents for the 8.3 acre Cell 11 landfill expansion. Alaimo Group also provided construction management, inspection services and engineering certification reports as required by the NJDEP.

In 2019-2020 Alaimo Group prepared plans, specifications and contract documents for the 8.0 acre Cell 10 landfill expansion. Construction commenced in 2020. Alaimo Group provided construction management, field inspection and engineering certification reports for NJDEP approval to commence filling operations. Construction was completed in March 2021. This landfill cell was approved by NJDEP and is being filled with waste.

Client:
**Salem County
Improvement
Authority**

Contact:
Julie Acton
Executive Director
Salem County
Improvement Authority
(856) 935-7900



*Alaimo Group
Consulting Engineers*

SUMMIT TRANSFER STATION

City of Summit Union County, New Jersey

The Summit transfer station facility is located in the City of Summit, Union County. The original structure and equipment that was designed in 1970 and placed in service in 1971 is still being used. The transfer station consists of a concrete foundation and pre-engineered metal building. Inside the two-story structure there are bays for trash trucks and transfer trucks.



In 2022, Alaimo Group was retained to perform a study of the station and various aspects of its operation. The report was broken down into the following tasks:

- Review the current NJDEP operating permit.
- Review the existing facility layout and design and assess the structural condition of the transfer building and the paved areas.
- Assess any other modifications applied since start of operation and evaluate the facility in terms of the current regulations.
- Evaluate the Weigh Station portion of the facility condition and its usage.
- Compare NJDEP permit limits vs. the weight of accepted waste.
- Compare waste processing and operating hours vs. waste stream rates.
- Evaluate the water supply and backflow prevention.
- Assess solid waste flows. Alaimo Group reviewed historical data, monthly, weekly, daily solid waste flows for the analysis.
- Assess collection truck and vehicle staging, and the storage and staging of the trailers.
- Assess the facility design capacity.
- Review the facility O&M Manual and determine if any updates are required.
- Evaluate electrical and mechanical systems including the push pits and packer units.

Client Contact: Mr. Aaron J. Schrager, P.E., City Engineer
Department of Community Services
City of Summit
512 Springfield Avenue
Summit, NJ 07901
Phone: 908-273-6404
Email: aschrager@cityofsummit.org

Key Personnel Resumes



*Richard A. Alaimo Associates
(Alaimo Group) Consulting Engineers*

Resumes:

- **Senior Associates**
- **Associates**
- **Water/Wastewater Engineers**
- **Senior Project Engineers**
- **Engineers-in-Training**



Alaimo Group
Consulting Engineers

RICHARD A. ALAIMO, PE, PP, PLS, BCEE, CEM
President

PROFESSIONAL

Experience:

Dick Alaimo has over fifty-seven (57) years of experience in all phases of civil and environmental engineering. He is the founder and President of the Alaimo Group and its associated firms which employ over 110 engineers, planners, architects and construction managers. His unusually diverse background was acquired in the course of serving over seventy (70) municipalities and public agencies as consulting engineer. Under Mr. Alaimo's supervision, the staff has completed numerous projects for Federal, State and County agencies in addition to our design and reconstruction projects for the various municipalities and authorities. The firm, established fifty-seven (57) years ago, has designed facilities with a constructed value in excess of \$10 billion.

Registration:

Licensed Professional Engineer - State of New Jersey
Registered Professional Engineer - Commonwealth of Pennsylvania
Registered Professional Engineer - State of Delaware
Licensed Professional Planner - State of New Jersey
Professional Land Surveyor - Commonwealth of Pennsylvania
Underground Storage Tank - License and Certification - State of New Jersey
Certified Public Works Manager - State of New Jersey
Certified Energy Manager - State of New Jersey
Certified Green Building Engineer (GBE)
Certified Structural Engineer (SECB)
Board Certified Environmental Engineer

Memberships:

American Society of Civil Engineers
American Academy of Environmental Engineers
American Water Works Association
American Railway Engineering and Maintenance-of-Way Association (AREMA)
Association of Environmental Authorities
Consulting Engineers Council of New Jersey
Diplomate, American Academy of Environmental Engineers
National Society of Professional Engineers
New Jersey Federation of Planning Officials
New Jersey Society of Municipal Engineers
New Jersey Society of Professional Engineers
New Jersey Water Environment Association
Rutgers University Engineering Society
Society of American Military Engineers

EDUCATION

Rutgers University, Bachelor of Science, Civil Engineering
Continuing Education Programs – Water, Sewerage and Solid Waste

CIVIC

Mount Holly State Bank (Former Chairman and President of the Board)
South Jersey Port Corporation (Director and Chairman since 1970)
Burlington County United Fund (Past President)
Mount Holly Rotary Club (Past President)
Westwood Swim Club (Past President)
Rancocas Valley Regional High School Board of Education (Former Member and
Past President - 40 years)
Rutgers University Foundation Board of Overseers
Mount Holly Elks (Member)
Burlington County Country Club (Member)
Deerwood Country Club (President, Owner)

AWARDS

"Outstanding Young Man," Greater Mount Holly Area, 1962
"Outstanding Young Men in America," 1965
"Outstanding Citizen," Greater Mount Holly Area, 1970
"Longsdorf Good Citizenship Award," Mount Holly, 1988
"Distinguished Citizen Award," Boy Scouts of America, Burlington County Council, 1989
"Distinguished Engineer of the Year Award," American Society of Civil
Engineers, South Jersey Branch, 1994
"Co-Volunteer of the Year Award," Burlington County, 2003
"Voice of Business Awards," Burlington County Chamber of Commerce, 2005
"Walter Rand South Jersey Award," New Jersey Alliance for Action, 2015

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Board of Prof. Engineers & Land Surveyors

HAS LICENSED

RICHARD A. ALAIMO
200 High Street
Mount Holly NJ 08060-1404

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

02/21/2024 TO 04/30/2026
VALID

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ACTING DIRECTOR

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RICHARD A. ALAIMO SR
200 HIGH ST
MT HOLLY NJ 08060-1404

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Planner**

04/05/2024 TO 05/31/2026
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

WAYNE D. SIMPSON, PE, BCEE
Senior Associate

PROFESSIONAL

Experience:

Wayne Simpson has over forty-one (41) years of experience in the design and project development of major water and wastewater projects. His experience includes the design and project development of several wastewater treatment plants, wastewater collection systems (including rehabilitation projects), wastewater discharges to surface water and groundwater; reclaimed water for beneficial reuse systems, industrial and commercial wastewater discharge management, and environmental permitting for potable water and sanitary sewage systems. He is experienced in applications of water chemistry and biology to these projects and has designed numerous facilities with tertiary and advanced effluent treatment. His experience also includes design of water treatment and distribution system facilities. He has modeled water distribution systems, wastewater treatment processes and groundwater supply characteristics. He has also prepared water supply and wastewater management master plans.

He represents the firm for five major clients: Evesham MUA, Cinnaminson Sewerage Authority, the South Brunswick Township Water and Sewer Department, the Old Bridge MUA and the Bristol Township, PA Wastewater Utility. In this capacity, he advises on the operations of the plants and infrastructure of these municipalities and prepares the plans and specifications for their repair, replacement, or new construction.

Registrations:

Professional Engineer – State of New Jersey
Registered Professional Engineer - Commonwealth of Pennsylvania
Board Certified Environmental Engineer

Memberships:

Water Environment Federation
American Academy of Environmental Engineers
American Water Works Association

EDUCATION

Cornell University – Bachelor of Science in Civil Engineering, 1977
Cornell University – Master of Engineering (Sanitary), 1978
Continuing Education – Programs in Groundwater Protection, Toxicity Reduction and Nutrient Removal Processes and BioWin Wastewater Process Modeling

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WAYNE D. SIMPSON
Alaimo Group
200 High St
Mount Holly NJ 08060

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

New Jersey Office of the Attorney General
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WAYNE D. SIMPSON
Professional Engineer



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ACTING DIRECTOR

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Wayne D. Simpson
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*Alaimo Group
Consulting Engineers*

WILLIAM R. LONG, PE

Senior Associate

PROFESSIONAL

Experience:

Mr. Long joined Alaimo Group in 1996 and has over thirty-five years of civil engineering experience with particular emphasis in the design of municipal engineering projects. The municipal engineering projects include site plans, major and minor subdivisions, miscellaneous drainage and road improvement projects. He also has experience in water supply systems, structural design, land development design and construction management.

Mr. Long serves as our Lead Engineer for Mount Laurel MUA. He has been our Lead Engineer in Mount Laurel Township, as well as their Planning and Zoning Boards for the past fourteen years. Mr. Long is also the Lead Engineer to Moorestown Township and their Zoning Board. He has also served as Lead Engineer to Mount Holly Township and their Planning and Zoning Board and Riverton Borough. Additionally, Mr. Long is the Joint Land Use Board Engineer in Bordentown City and has represented the firm at Voorhees Township Zoning Board, Deptford Township and Cinnaminson Township Planning Board. His responsibilities include attending meetings, contract administration, project management, design recommendations, plan review and report preparation.

Mr. Long has participated in site plan design for Mount Laurel Township and various drainage design projects within Mount Laurel Township, Mount Holly Township and Hainesport Township, and road improvement projects in Mount Laurel, Moorestown, Riverton and in Mount Holly.

Mr. Long has experience in the design and construction of public works facilities, township plan reviews including subdivisions and site plans, stormwater management designs, land development design, and contract and bid specification preparation.

Registration:

Licensed Professional Engineer - State of New Jersey

Licensed Professional Engineer - Commonwealth of Pennsylvania

Memberships:

American Society of Civil Engineers

New Jersey Society of Professional Engineers

EDUCATION

Drexel University, Masters of Science Civil Engineering, 1988

Drexel University, Bachelor of Science Civil Engineering, 1982

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WILLIAM R. LONG
214 KNOTTY OAK DR
MT LAUREL NJ 08054-2121

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

02/21/2024 TO 04/30/2026
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

RICHARD A. ALAIMO, JR., PE, CME **Senior Associate**

PROFESSIONAL

Experience:

Mr. Alaimo has over thirty (30) years of civil engineering experience with particular emphasis in municipal engineering, land development design, and water and sewer engineering. Mr. Alaimo currently represents the firm as Township Engineer and Land Use Board Engineer for Mount Holly Township and for Lumberton and Westampton Townships. Mr. Alaimo also serves as the conflict engineer to the South Brunswick Planning Board and as our lead engineer to West Windsor Township for services rendered on a consultant basis. His responsibilities include attending meetings, contract administration, project management, design recommendations, plan review, and report preparation.

Mr. Alaimo's municipal engineering experience includes participation in the design of township road and drainage projects, preparation of NJDOT and Community Development grant applications, and coordination of construction management and inspection services. Mr. Alaimo has performed technical reviews of applications for use variances, bulk variances, major and minor subdivisions, and major and minor site plans and has prepared bond estimates as well as bond reduction and bond release recommendations. Mr. Alaimo is familiar with the Municipal Land Use Law and the New Jersey Residential Site Improvement Standards and has a firm understanding of the stormwater management regulations adopted by the New Jersey Department of Environmental Protection.

Mr. Alaimo has participated in the design of wastewater treatment plant expansions, sanitary sewerage pumping stations, sanitary sewer main extensions, and water main extensions. His responsibilities have included site work design; sizing, selection, and general arrangement of equipment; and design of treatment plant hydraulic profiles. Mr. Alaimo has extensive experience in the computer modeling of water distribution networks.

Registration:

Registered Professional Engineer – State of New Jersey
Registered Professional Engineer – State of Delaware
Registered Professional Engineer – Commonwealth of Pennsylvania
Certified Municipal Engineer – New Jersey Society of Municipal Engineers

EDUCATION

Lafayette College, Bachelor of Science, Civil Engineering, 1983

Rutgers University, Master of Science, Civil Engineering, 2000

Rutgers University, Continuing Education Department

- Groundwater Resource Management, November 1983
- Understanding Soil Conditions of Wetlands, May 1987
- Stormwater Management for Engineers, October 1987
- Micro-Computer-Aided Erosion Control, Hydraulics, and Hydrology, March 1988
- Fundamentals of GIS, October 2000
- Desktop Mapping with Arcview, December 2000

Harvard University, Graduate School of Design

- "Golf Course Architecture" and "Condominium Development", June 1987
- Residential Development Site Planning, August 1987

New Jersey Society of Municipal Engineers

- Certified Municipal Engineer Program, September 2007 – June 2008
- Ongoing Continuing Education Courses for P.E. License Renewal

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**Richard A. Alaimo Jr
107 E Country Club Dr
Westampton NJ 08060**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

04/29/2024 TO 04/30/2026
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Richard A. Alaimo Jr
Signature of Licensee/Registration/Certificate Holder

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ACTING DIRECTOR

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Richard A. Alaimo Jr
Professional Engineer

Cari Sain
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*Alaimo Group
Consulting Engineers*

JAMES H. MC KELVIE, PE, CME **Senior Associate**

PROFESSIONAL

Experience:

Since joining the Alaimo Group in 1985, James McKelvie has been involved in a wide range of civil engineering projects and services.

Mr. McKelvie currently serves as the Solid Waste Engineer to the Salem County Improvement Authority. Previously he was the Firm's representative to the Salem County Utilities Authority for fifteen years and the project manager/lead engineer for the Salem County Improvement Authority landfill expansion project. These roles involved attendance at public meetings, solid waste facility planning, solid waste facility permitting, air quality permitting, design, ground water and surface water monitoring, and construction management. Projects have included five phases of landfill cell design and construction; landfill gas system construction, scale house and convenience center site improvements, landfill gas collection system; and permitting and design for vertical expansion and a 31-acre horizontal landfill expansion.

For the Burlington County Resource Recovery Complex, Mr. McKelvie gained experience in landfill; gas collection system; and associated road and drainage facilities design, permitting and construction management and is presently involved in the design and permitting for the Landfill No. 3 expansion project.

Mr. McKelvie also represents the Firm as County Engineer for the County of Salem. This involves oversight of the Salem County Engineer's Office and all Salem County road, bridge and dam projects, as well as oversight of the County bridge and dam inspection programs and coordination with regulatory and funding agencies including NJDOT and South Jersey Transportation Planning Organization (SJTPO).

Mr. McKelvie was previously the Firm's representative as Municipal Engineer for Ocean Township in Ocean County for eight years. This has included municipal roadway, storm drainage, recreation and bulkhead projects, as well as preparation of funding applications and oversight of site plan and subdivision projects, GIS mapping and tax mapping for the Township.

Mr. McKelvie also represents the Firm as Municipal Engineer and Planning Board Engineer for Pilesgrove Township in Salem County; and Special Projects Engineer for Lacey Township in Ocean County.

Registration:

Licensed Professional Engineer - State of New Jersey

Memberships:

American Society of Civil Engineers

Solid Waste Association of America

New Jersey State Association of County Engineers

National Association of County Engineers

EDUCATION

Temple University, Philadelphia, PA - BS Civil and Construction Engineering Technology, 1985

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**James H. Mc Kelvie
126 Country Farms Road
Marlton NJ 08053-1402**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

04/24/2024 TO 04/30/2026
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ACTING DIRECTOR

New Jersey Municipal Engineering Institute
of the

New Jersey Society of Municipal Engineers, Inc.

This certifies that

James McKelvie

has fulfilled all the requirements for the designation of

Certified Municipal Engineer

Issued and attested to by the Board of Governors of
the New Jersey Municipal Engineering Institute
this day of September, 20



Certificate Number 2011-22


Chairman

Vice-Chairman



*Alaimo Group
Consulting Engineers*

MICHAEL S. CRISTALDI, P.E., P.P., R.A.
Associate

PROFESSIONAL

Experience:

Mr. Cristaldi has been with the firm since 1987 and has over thirty-five (35) years of experience on civil engineering projects with primary concentration in the fields of large diameter water transmission mains, construction of water and wastewater treatment facilities, and municipal infrastructure improvements. Twelve (12) years of that experience has been in detailed product design of prestressed concrete pipe, preparation of cost estimates, and coordination of manufacturing and inspection of installations.

He served in a resident engineering capacity during the installation of several sections of the Wanaque South Project, Stage I, Oradell Aqueduct for both design and inspection. He has also been involved in the inspection of large diameter pipelines and other elements installed for the Haworth Filter Plant Expansion.

As a member of the Alaimo Group, Mr. Cristaldi has served as project manager on numerous design projects including street improvement projects and drainage projects for the City of Clifton, City of Paterson, Borough of Ringwood, Borough of Bloomingdale, Borough of Pompton Lakes and Borough of Wanaque. He served as resident engineer for the construction of the Wanaque South to Little Falls Interconnection, a 3.6 mile 60-inch raw water transmission main. Mr. Cristaldi also served as the Project/Construction Manager to two Equestrian Center building projects that were completed for the Bergen County Improvement Authority. He has also been involved with the construction administration of projects for the Bergen County Utilities Authority such as the Warehouse Fire Safety Improvements, Electrical Feeder Replacement, Blower Building Fire Safety Improvements and the Harrington Park River Vale Pump Station Improvements. His major responsibilities included general administration of the contract and field inspection throughout the construction period.

Mr. Cristaldi has also served as the firm's representative to the Borough of Totowa, Borough of Wanaque (including Planning and Zoning Boards), Borough of Haledon (including Planning and Zoning Boards), Borough of Ringwood (including Planning Board), Town of Morristown (Zoning Board), Borough of Bloomingdale (including Planning Board) and the Borough of Pompton Lakes (including Planning Board). This municipal engineering experience included numerous street, drainage, sewer and water projects as well as overseeing private development for the various Boards.

Registration:

Licensed Professional Engineer - State of New Jersey
Registered Professional Engineer - State of New York
Licensed Professional Planner - State of New Jersey
Attorney at Law - State of New Jersey
Registered Architect - State of New Jersey

EDUCATION

Lehigh University, B.S., Civil Engineering, 1978
Pace University Law School - J.D. Degree, 1987

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Board of Architects

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MICHAEL CRISTALDI
990 Andover Terrace
RIDGEWOOD NJ 07450-4204

FOR PRACTICE IN NEW JERSEY AS A(N): Registered Architect

07/17/2023 TO 07/31/2025
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Michael Cristaldi
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Cari Zain
 ACTING DIRECTOR

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 BOARD OF ARCHITECTS
 P.O. Box 45501
 Newark, NJ 07101

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HAS LICENSED

MICHAEL S. CRISTALDI
990 Andover Terrace
07450
Ridgewood NJ 07450-4204

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

04/12/2024 TO 04/30/2028
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 ACTING DIRECTOR

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The University of the State of New York
Education Department
Office of the Professions
REGISTRATION CERTIFICATE
 Do not accept a copy of this certificate

License Number: 061580-01 Certificate Number: i694596

CRISTALDI MICHAEL S
990 ANDOVER TERRACE
RIDGEWOOD NJ 07450-0000

is registered to practice in New York State through 12/31/2024 as a(n)
PROFESSIONAL ENGINEER

James P. G. [Signature]
 LICENSER/REGISTRANT
 EXECUTIVE SECRETARY

Debra A. Benson
 COMMISSIONER OF EDUCATION
 DEPUTY COMMISSIONER
 FOR THE PROFESSIONS

Michael Cristaldi
 Signature of Licensee/Registrant/Certificate Holder

Cari Zain
 ACTING DIRECTOR

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Board of Professional Planners

HAS LICENSED

MICHAEL S. CRISTALDI
990 Andover Terrace
RIDGEWOOD NJ 07450

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Planner

04/12/2024 TO 05/31/2026
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*Alaimo Group
Consulting Engineers*

**MICHAEL A. KOBYLARZ, P.E., C.M.E.
C.P.W.M., C.F.M.**

Associate

PROFESSIONAL

Experience:

Mr. Kobylarz is a Professional Civil Engineer with over thirty five (35) years of experience in department and project management, design, permitting, procurement, and public bidding serving both the public and private engineering sectors.

His professional experience has entailed planning, design, permitting and preparation of technical specifications and bid documents for roadway, storm drainage, storm water quality, sanitary sewer rehabilitation, water main improvements, and streetscape projects. Coordination of upgrades to wastewater treatment plant and pump stations, potable wells, water booster stations, and storage tank rehabilitation projects.

Planning and zoning board experience for water and sanitary sewer reviews and coordinating construction inspections for subdivision and site plan improvements. Preparation of various grant applications including NJDOT local aid and Community Development Block Grants. Coordinate NJDEP reporting for water and sewer systems. Municipal Tier A storm water regulations program coordination. Provide technical and engineering assistance to municipal departments and commissions. Preparation of capital and operating budgets for engineering, water, and sewer departments. Also provided services as a licensed water operator.

Mr. Kobylarz has performed engineering services in the capacity of Engineer of Record for the Borough of Jamesburg and Assistant Township, Planning and Zoning Board Engineer for East Brunswick Township and has provided representation at public hearings.

Registration:

Professional Engineer- New Jersey
Certified Municipal Engineer – New Jersey
Certified Public Works Manager- New Jersey
NJ Licensed Water Operator- T2 Treatment and W2 Distribution
Certified Floodplain Manager

Memberships:

New Jersey Society of Municipal Engineers
American Society of Civil Engineers
New Jersey American Water Works Association
Association of State Floodplain Managers, Inc.

EDUCATION

Bachelor of Science- Civil Engineering, New Jersey Institute of Technology, 1979-1983

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MICHAEL A. KOBYLARZ
11 Sigtim Drive
Little Falls NJ 07424

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

03/24/2024 TO 04/30/2026
VALID

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Michael A. Kobylarz
Signature of Licenses/Registrant/Certificate Holder

Cari Zais
ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

LIONEL M. GALIPOT, P.E.
Associate

PROFESSIONAL

Experience:

Mr. Galipot joined Alaimo Group in February 2006 and has over twenty (28) years of diverse engineering and project management experience. As a Lead Engineer, Lionel is responsible for the design of wastewater treatment plants, water treatment plants, PFAs removal systems, grit and screening removal system, pump stations, sanitary sewers, force mains, site plans, process and instrumentation diagrams, storm sewers, above ground fueling stations, fire sprinkler systems, chemical feed systems, microturbine systems, odor control systems, HVAC, design calculations, air permits, TWA permits, and equipment specifications. Additional responsibilities include coordination with Townships and MUAs; and attending board meetings, coordination with NJDEP. Currently, Mr. Galipot represents the firm as Consulting Engineer to the Willingboro Municipal Utilities Authority.

Since joining Alaimo Group, Mr. Galipot has been involved as Lead Design Engineer for a number of multi-disciplined design and construction projects for water and wastewater clients. Notable projects include:

Willingboro MUA- Well 5A PFAS Treatment System Upgrade
Moorestown Township – North Church St WTP Upgrade
Moorestown Township – Hartford Rd. WTP Upgrade
Willingboro MUA – WPCP Grit and Screenings Headworks Upgrade
Willingboro MUA – Well 6 WTP Upgrade
Florence Township – Phase 2-Chemical Building WTP Upgrade
Florence Township – STP Sludge Dewatering Screw Press Upgrade
Florence Township – Hornberger Avenue Pump Station Upgrade
Mount Holly MUA – Maple Avenue WTP Upgrade
Woodbridge Township – Colonia Pumping Station Upgrade
Woodbridge Township – Grit Chamber Rehabilitation

Previous responsibilities include review of major and minor site plans, review of major and minor subdivision plans, bond estimate preparation, and recommendations to the Township for bond reductions, releases, and final acceptance of projects. Prior to joining Alaimo Group, Mr. Galipot had several years of engineering experience designing wastewater pilot plants, pump stations, and drip irrigation systems. In addition, Mr. Galipot had several years of experience project managing/planning AT&T's local telecommunications network in over 40 markets.

Registration:

Professional Engineer – NJ Board of Professional Engineers and Land Surveyors

EDUCATION

Rutgers College of Engineering; B.S. Civil Engineering, 1993
DeVry Institute; Associate in Telecommunications Management, 2000

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**Lionel M. Galipot
Robbinsville NJ 08691**

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

03/26/2024 TO 04/30/2026
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

RICHARD E. DREWES, PE, CME
Associate

PROFESSIONAL

Experience:

Mr. Drewes has more than forty (40) years of professional experience in all phases of Municipal and Utility Authority Engineering. As a director of operations and principal in charge for one of the largest engineering consulting firms in the State he had direct responsibility for the day to day management of over 100 professional staff. As a proven industry leader he and his teams have represented numerous municipalities, counties and authorities throughout NJ & PA. Numerous public works projects managed have included multi-disciplined infrastructure upgrades and water and sewer main extensions exceeding millions of dollars in construction costs.

Management:

Over the course of Mr. Drewes's 40 year professional career he has supervised and managed accounts and projects as well as providing design and construction management expertise to numerous clients throughout the Region. Authority Engineer, Engineer of Record and Project Specific Consulting Clients have included the City of Philadelphia Utilities Department, Bergen County Utilities Authority, Ocean County Utilities Authority, Passaic Valley Water Commission, North Bergen MUA, Marlboro Township MUA, Stafford MUA, Brick Township Utilities Authority, Joint Meeting of Essex and Union County, Township of Ocean Sewerage Authority, Camden County Municipal Utilities Authority, Lower Township Utilities Authority, City of Wildwood Sewer Utility, City of Millville, Borough Of Sayreville, Borough of Keyport and NJ Water Supply Authority. Projects have included regional 208 studies, station and plant upgrades and expansion, linear pipe upgrades and expansion as well as all phases of NJDEP permit procurement.

Registration:

Licensed Professional Engineer - State of New Jersey

Certified Municipal Engineer – State of New Jersey

Memberships:

American Society of Civil Engineers
American Water Works Associations
Association of Environmental Authorities
New Jersey League of Municipalities
New Jersey Society of Municipal Engineers
New Jersey Society of Professional Engineers
New Jersey Water Environment Association

EDUCATION

Newark College of Engineering (NJIT), Bachelor of Science, Civil Engineering, 1978

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RICHARD E. DREWES
2505 RAMSHORN DR
MANASQUAN NJ 08736-2133

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RICHARD E. DREWES
Professional Engineer



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Carri Zain

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P.O. Box 45015
Newark, NJ 07101

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*Alaimo Group
Consulting Engineers*

CHARLES A. FOOKS, PE
Associate

PROFESSIONAL

Experience:

Since joining the Alaimo Group in June 1980, Charlie Fooks has advanced his skills in Civil Engineering, site planning and development, hydrology and hydraulics, Computer-Assisted-Design (CAD) and Computer-Assisted-Engineering (CAE), and solid waste facilities.

He has prepared site plans for a variety of projects including municipal buildings (Hainesport, Lumberton, Moorestown), school additions and improvements (Gloucester County College, Lenape Regional High School in Medford, Burlington County Institute of Technology in Medford), public parks with athletic fields (Hainesport, Moorestown, South Plainfield, Woodland Park), tennis courts (Elmwood Park, Riverton, Burlington City, Middlesex County, Elmwood Park), pickleball courts (Hainesport, Westampton), synthetic turf fields (Moorestown, Passaic County), water treatment and storage facilities, wastewater facilities and solid waste facilities. He also assisted in the design of a residential housing development in Westampton Township. Additionally, he has participated in the design and rehabilitation of utility lines including water, sanitary sewer and storm drainage. He has also been responsible for the design of several municipal local road programs. Mr. Fooks has also completed several floodplain analyses utilizing the U.S. Army Corps of Engineers HEC-2/HEC-RAS computer programs.

As a member of the design team for the Burlington County Solid Waste Complex, he has had responsibility for the design of waste cells; leachate collection system; clay liner; final grading plan; and gas collection system. For the Salem County Landfill, he developed the clay liner plan and also designed the leachate collection system. He prepared the closure/post-closure plan and final grading plan for the Evesham Township Landfill, for the J. Vinch & Sons demolition landfill, and for the Hopatcong Borough Municipal Landfill. Mr. Fooks has also conducted important design analyses for the Salem County Landfill and the Burlington County Solid Waste Facilities Complex.

He prepared the sludge management plan for Mount Laurel Township and has prepared 201 studies for wastewater management for Burlington Township/Burlington City; for Delran/Riverside; and for Penns Grove/Carney's Point/Salem County service areas including Industrial Pre-Treatment Surveys.

He has prepared a water distribution system model for Burlington Township and assisted in the preparation of a system model for Mount Laurel MUA to determine required capital improvements. He has also prepared or assisted in the preparation of wastewater effluent dilution studies for Cinnaminson, Delran, Florence, Palmyra, Riverside, Riverton and Willingboro.

Registrations:

Licensed Professional Engineer - State of New Jersey

EDUCATION

Rutgers University, Bachelor of Science in Civil Engineering, 1980

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CHARLES A. FOOKS
14 Horseshoe Lane N
Columbus NJ 08022

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CHARLES A. FOOKS
Professional Engineer



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Cari Zaris
ACTING DIRECTOR
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Cari Zaris
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*Alaimo Group
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DAVID FRONDUTI, P.E.
Senior Project Engineer

PROFESSIONAL

Experience:

David Fronduti has twelve (12) years of experience in the Construction and Engineering Field. He has had considerable experience as a Field Inspector initially for Earth Engineering Incorporated and then followed by the Temple Group. Thereafter, he worked at Legion Design as a Construction Engineer which was then followed by a Design Engineer position for over three years.

Mr. Fronduti has served as Municipal Engineer for Burlington City and Bridge/Road Design Engineer for Alaimo Group and has been with our firm since April 2018. He has worked on various culvert projects in Middlesex and Union County performing design calculations for retaining walls and the culvert design, he was also responsible for proposed roadway improvements on said projects. Mr. Fronduti was involved with preparing design plans for roadway and traffic signals improvements on various projects throughout both Middlesex and Union County as well.

Structural and road inspections for various projects and participating in the oversight of structural steel repairs for the Tacony-Palmyra Bridge, which spans the Delaware River, are also tasks that Mr. Fronduti has performed since working for Alaimo Group.

Recently, Mr. Fronduti managed the project for the PFAS Treatment System at Well 5A in Willingboro Township, NJ.

Certification:

Licensed Professional Engineer - State of New Jersey

EDUCATION

The Catholic University of America, Washington D.C.
Bachelor Civil Engineering with a Concentration in Structural/Geotechnical Engineering

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**David Fronduti
2128 Carpenter Street
Philadelphia PA 19146**

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Cari Bois
ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

DAVID KAHN, E.I.T.
Senior Project Manager

PROFESSIONAL

Experience:

David Kahn joined the Alaimo Group in November 2018 with 2 years of prior design and construction experience as a Project Manager in our Water/Wastewater Department. A sampling of some recent multi-disciplined projects that Mr. Kahn has participated in include:

- Bergen County Utilities Authority
 - Final Settling Tanks 1-16 improvements
 - Sludge Dewatering Facilities Wet Wells Restoration
 - Grit Building No. 2 HVAC Rehabilitation
 - Haworth South UST Removal and Generator Upgrade
 - Administration and Warehouse Building Gas Conversions
 - Flow Meters 24, 32, 63, 124, 136, 146 Evaluation
- Florence Township
 - Sewage Treatment Plant Sludge Dewatering Screw Press Upgrade
 - Sewage Treatment Plant Blower and Piping Installation
- Willingboro Municipal Utilities Authority
 - Water Pollution Control Plant Grit and Screenings Removal Equipment
- Middlesex County
 - Design of Building 7 - New Fire Pump System

Certifications:

Engineer-in-Training, #03684, New Jersey

EDUCATION

Drexel University – Bachelor of Science in Environmental Engineering
Drexel University – Master of Science in Environmental Engineering



*Alaimo Group
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RYAN RAFTERY

Senior Project Manager

PROFESSIONAL

Experience

Mr. Raftery is an exceptionally versatile Engineer that possesses above average collaborative skills and is proficient in analyzing and solving challenges with a pragmatic, hands on approach. His experience has included testing various metal materials utilizing Instron machines for Tensile and Compression.

Mr. Raftery has performed testing for the deformation of elastomeric bridge bearings, shear testing on guard rail metal, x-ray testing on welding and tensile testing on Teflon, polyether urethane and elastomeric bearings core.

Since joining Alaimo Group Mr. Raftery has been involved in or has provided engineering services for the following projects:

- WTP PFOA Treatment System Upgrade, Florence Township
- Atlantic City School District HVAC Upgrade
- Haddon Point (Mount laurel MUA)
- Wellington Farms (Mount Holly MUA)
- Tavistock (Woolwich Township)

Technical Skills

Software experience: MATLAB, NX Siemens, LTSpice, AutoCAD

Hardware experience: Tensile and Compression Instron Machines

Proficient in Microsoft Software, Excel/Word

EDUCATION

Rensselaer Polytechnic Institute, Troy, NY

Bachelor of Science – Mechanical/Aeronautical Engineering, 2022



*Alaimo Group
Consulting Engineers*

ALEXIS ROMEO Project Manager

PROFESSIONAL

Experience:

Ms. Romeo is a versatile Project Manager that possesses an exceptional skill set in environmental engineering processes. Ms. Romeo interned for two summers in the Water and Sewer Department and joined the Alaimo Group after obtaining her Master of Science in Environmental Engineering from Lehigh University. Her experience with the firm has included reviewing and editing drawings and contract documents; performing calculations and design related to wastewater pumping stations, treatment plants, and interceptor systems; on-site visits and assessment of project progression and collaboration with senior engineering staff on multiple wastewater projects.

Ms. Romeo is currently engaged in performing Mechanical and Process Design, Engineering Discipline Coordination, Specifications Review, Engineer's Estimate Compilation and Updates, Shop Drawing Review, Communication and Coordination with Client, Vendors /Manufacturers and Subcontract Engineers for the following projects:

- Keasbey Complex Pumping Station Upgrade, Woodbridge Township, NJ
- Segment One - Port Reading Interceptor, Woodbridge Township, NJ
- Segment Five Keasbey Interceptor – Phase 1 & 2, Woodbridge Township, NJ
- Plant No. 2 Primary Settling Tank (PST), Secondary Settling Tank (SST), and P-17 Drainage Pump Station Upgrade Project, Mount Holly MUA, NJ
- Hollybrook Pumping Station Upgrade, Mount Holly MUA, NJ
- Prospect Street Pumping Station Upgrade, Paramus Borough, NJ

Ms. Romeo's significant and related coursework has included Environmental Engineering Processes; Environmental Risk Assessment; Hazardous Waste Management; Geo-Environmental Engineering; Soil Mechanics; Environmental Geology; Environmental Case Studies; Engineering Hydrology; Environmental Hydrology; Water Resources Engineering; Fluid Mechanics; Limnology; Environmental Water Chemistry; Environmental Ecology; Fundamentals of Air Pollution; Engineering Economics; Organic Chemistry; Interdependent Urban Systems; Environmental Separation and Control; Sustainability: Energy- Water Nexus; Mapping Data for Policymaking; Environmental Policy & Law.

Membership:

Engineers Without Borders, Lehigh University Chapter
Oversaw all activities of EWB's project class groups (30 student members)
Management of international project in Nicaragua and the Dominican Republic

Technical Skills

NCEES Environmental Engineering, FE Exam, Completion
New Jersey EIT, Application Approval Pending
Software/Programming: Fusion360, Microsoft (Word and Excel); Matlab; AutoCAD

EDUCATION

Master of Science in Environmental Engineering, May 2023, Final GPA: 3.77
Bachelor of Science in Environmental Engineering, May 2022 Final GPA: 3.92
Lehigh University, Bethlehem, PA

Honors: Dean's List for Fall 2018, 2019, 2020, 2021; and Spring 2019 2020, 2021, 2022
Study Abroad: Sustainable Development in Costa Rica



Alaimo Group
Consulting Engineers

KYLE PEARSON

Construction Specifier/Project Manager

PROFESSIONAL

Experience:

Kyle Pearson joined Alaimo Group in May of 2018 and has quickly taken on the role of a construction specifier within our Specification Department. As a specifier he specializes in advising associates about materials, products, and applications needed for various construction projects. Since joining the firm he has gained experience in both planning and design covering all aspects of the civil, sanitary, mechanical, electrical, environmental and structural engineering disciplines. In addition to his role as a specifier, he has also taken on several other responsibilities while working as a Project Manager at the firm. Some of those responsibilities include resolving issues, attending meetings, designing, planning, estimating, permitting, typing reports, reviewing programs, developing contracts and some Field Service Representative work.

Kyle works on construction specifications for various project disciplines across all counties in New Jersey. A sampling of some of Mr. Pearson's recent work includes:

- Specifications: All Alaimo Group Projects
- Burlington County
 - Landfill 3
 - BCRRC Solid Waste Permit Renewal
 - BCRRC Annual Topographic Survey
- Salem County Improvement Authority
 - Quarterly Solid Waste Reports
 - Landfill Cell 10 Specifications and Quality Control Review
- Salem County
 - Plans and specifications for County Road Improvement Projects
- Passaic County
 - PVHS Operating Air Permit
- Pilesgrove Township
 - Groundwater monitoring review and reporting

EDUCATION

Associate of Science, Rowan College, 2015

Bachelor of Science in Industrial & Systems Engineering, Rutgers University, 2018



*Alaimo Group
Consulting Engineers*

CARTER J. SMITH, E.I.T.
Project Manager

PROFESSIONAL

Experience:

Mr. Smith has an Environmental/Chemical Engineering E.I.T. background which has been focused on optimized water usage and equipment life for commercial and industrial processes (e.g., cooling towers, boilers, HRSG, evaporative condensers, heat exchangers, piping) through P and PID controls of chemical parameters, and routine monitoring/testing of potable water for the safety of use and consumption. Mr. Smith also has experience working as a project manager for a municipal contractor in water supply and wastewater treatment. Mr. Smith oversaw the completion of multiple well rehabilitations, and upgrades to pump stations and wastewater treatment plants.

Mr. Smith is a Project Manager with a focus primarily on design of Water and Wastewater Treatment and Collection Systems. Mr. Smith is currently designing the Evesham MUA UV Disinfection Process and the Bergen County UA Route 4 Sanitary Sewer Rehabilitation.

CERTIFICATION

Engineer-in-Training, completed August 2020

EDUCATION

West Virginia University – Bachelor of Science – Chemical Engineering, 2019



Alaimo Group
Consulting Engineers

Resumes:

- **Structural**
- **Mechanical**
- **Architectural**
- **Planners**



*Alaimo Group
Consulting Engineers*

ERIK CHRISTIAN SVENSEN, PE, MCE **Senior Associate**

PROFESSIONAL

Experience:

Mr. Svensen has over twenty-seven (27) years of experience and oversees our Bridge and Highway Department while also providing Project Manager and Lead Design Engineer duties on other in-house related design projects. His prior experience before working for Alaimo Group includes performing various design tasks on numerous bridge projects, most notably on long span segmental bridge projects in Maine, Ohio, and Pennsylvania. This includes the single-plane cable stay 2,120 feet segmental construction Penobscot Narrows Bridge in Prospect-Verona, Maine. The major tasks included the foundation design for the renowned 420-foot observatory pylon footing and the geometric layout of the cable stay cradle system through the pylon. Other work includes the shop drawing review for the precast concrete approach segments on the Veterans Glass City Skyway Bridge over the Maumee River, in Toledo, Ohio and the post-tensioning design check for the piers on the multi-span concrete segmental Susquehanna River Bridge on the Pennsylvania Turnpike near Harrisburg, PA.

Since joining Alaimo Group in 2004, Mr. Svensen has managed numerous bridge and culvert replacement projects in Middlesex County, Union County, Bergen County, Somerset County and Passaic County. He has prepared final design calculations and plans, engineer's estimate, specifications, and final construction bid plan packages in coordination with sub-consultants for county approval. All bridge elements and culverts were designed and checked according to the NJDOT Bridge Design Manual and AASHTO Standard Specifications. He also provided Construction Engineering services during construction of these bridge and culvert replacement projects. In 2016, Mr. Svensen was promoted to the Head of Bridge and Highway Department, where he became more involved with roadway and traffic signal design.

In addition, Mr. Svensen was the Lead Design Engineer with Alaimo Group for the concept development of the Pennsylvania Turnpike Commission's Bridge EB-700, which is a two-span 140ft bridge crossing the Pennsylvania Turnpike in Honey Brook and West Nantmeal Townships.

Registration:

Licensed Professional Engineer - State of New Jersey

EDUCATION

Widener University, Chester P.A.; Bachelor of Science Civil Engineering (BSCE) 1993
Villanova University, Villanova P.A.; Masters Civil Engineering (MCE) 2002

Publications:

Gross, S. P.; Yost, J. R.; Dinhart, D. D.; Svensen, E. C.; Liu, N. (2002)
"Shear Strength of Normal and High Strength Concrete Beams Reinforced with GFRP Reinforcing Bars," ASCE Journal Structural Engineering Special Publication.

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Erik C. Svensen
19 Chaucer Lane
Medford NJ 08055

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Professional Engineer



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*Alaimo Group
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JACOB DEWITT, P.E., MCE

Senior Project Engineer

PROFESSIONAL

Experience:

Mr. DeWitt joined Alaimo Group in January 2017 after earning his Master of Civil Engineering Degree from the University of Delaware. Since then, Mr. DeWitt has provided a varied and considerable amount of structural design services on projects in the Bridge/Culvert, Highway, Building, and MUA sectors throughout New Jersey. A sample of a few recent projects that Mr. DeWitt has assisted include:

- Railroad upgrades and steel bulkhead design – Salem City, Salem County, NJ
- Structural Design of reinforced-concrete and concrete masonry structures
 - Five-story firefighter training facility – Sayreville, Middlesex County, NJ
 - Expansion of Central Vehicle Maintenance Building “B” – North Brunswick, Middlesex County, NJ
- Lead dam inspection services, dam rehabilitation and repair, review of Emergency Action Plans, and Operations and Maintenance Manuals
- Rehabilitation of Burnet Street Bridge, including deck widening, girder painting, and safety upgrades – New Brunswick/East Brunswick, Middlesex County, NJ
- Design of rigid-frame precast concrete culverts and retaining walls in the Counties of Middlesex, Passaic, and Union.
- Structural Design and repair of various wastewater treatment plant structures including:
 - Structural Design of Filter Building and Expansion of Chemical Building – Florence Township, Burlington County, NJ
 - Structural Design of Hartford Road Wastewater Treatment Plant – Moorestown, Burlington County, NJ
 - Structural Design of Well No. 7 Building – Evesham, Burlington County, NJ
- Structural Design of County Salt Storage Facilities:
 - Pompton Lakes Borough, Passaic County, NJ
 - Cranbury Township, Middlesex County, NJ
- Facility condition assessments and post-fire damage inspections:
 - Burlington County Bridge Commission Facilities – Camden & Burlington County, NJ
 - Mercer County Correctional Facility – Lambertville, Mercer County, NJ
 - McNeal Mansion Post-Fire Inspection – Burlington City, Burlington County, NJ
 - BACNJ Post-Fire Inspection – Bordentown, Burlington County, NJ

REGISTRATION

Licensed Professional Engineer, State of New Jersey

EDUCATION

The College of New Jersey, B.S. Civil Engineering, 2015
University of Delaware, M.C.E. Civil Engineering, 2016

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Jacob DeWitt
Alaimo Group Consulting Engineers
208 High Street
Mount Holly NJ 08060

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

Civil

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Jacob DeWitt
Professional Engineer

Civil

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ACTING DIRECTOR

PIOTR GRODEK

Senior Project Manager

PROFESSIONAL

Experience:

Mr. Grodek has over eighteen (18) years of diverse engineering and project management experience. As a Lead Structural Engineer, Piotr has been involved in numerous and diverse projects from the design, inspection, analysis, repairs and upgrades of buildings, tanks and other structures and supporting systems associated with wastewater treatment plants, water treatment plants, grit and screening removal system, pump stations, trash transfer stations, water towers, fire stations and other municipal plant structures.

Woodbridge Township: Mr. Grodek has served as Lead Structural Engineer for the completion of the design documents for the following projects including:

- **Grit Chamber Upgrade:** Structural upgrades to Grit Chamber (inground concrete 20'W x 70'L x 40'D) at Woodbridge Avenue Pumping Station to optimize grit removal efficiency consisting of new equipment: grit screw conveyors, submersible grit pumps, grit classifiers, slide gate valves, aeration system, hydraulic tee screens including conveyor and wash press for screenings, traveling hoist and monorail system; design of structural foundation and pile plans to support new Classifier Building.

Mount Holly Municipal Utilities Authority (MHMUA): Mr. Grodek has served as Lead Structural Engineer for the completion of the design documents for various wastewater projects including:

- **Garden Street Pumping Station Upgrade:** Demolition of existing Dry-Can Pump Station and replacement with submersible pump station including new submersible pumps, comminutor, and new building (housing valving and emergency generator); included new pump station building supported on piles.
- **Sludge Thickening Tank Conversion:** Conversion of spent carbon thickening tank to store thickened sludge, new submersible mixer and davit crane and various tank hatch modifications.

Willingboro Municipal Utilities Authority (WMUA): Mr. Grodek has served as Lead Structural Engineer.

- **Water Pollution Control Plant Screening and Grit Removal Equipment:** Design included: Wet Well modifications to top slab, and demolition (using hydro-demolition method). Demolition and modifications to the mid and lower-level raw sewage wet well required for the installation of the new screening equipment. Modifications as required for the installation of stainless-steel supplemental framing, stairways, and concrete repairs. Foundations for grit removal equipment, canopy, and dumpsters.

EDUCATION

- Master's Degree in Structural Engineering, POLITECHNIC of Lublin, 2002
- Burlington County College, 2014



*Alaimo Group
Consulting Engineers*

JAMES R. NICODEMUS III, P.E.

Senior Associate

PROFESSIONAL

Experience:

Mr. Nicodemus has been with the Alaimo Group for over eleven (11) years with a total of seventeen (17) years of electrical engineering experience and seven (7) years of previous experience as a field electrician/supervisor in his family's Electrical Contracting and Electrical Supply Warehouse businesses.

His experience as an electrical engineer includes the power distribution design of several water and wastewater treatment plants, wastewater pumping stations, wastewater collection systems, generator installations, athletic field lighting, parking facility area lighting along with commercial/Township facility improvements. His tasks have included but were not limited to field data collection, facility assessments, conceptual designs, latest National Electrical Code analysis, equipment selection and preparation of construction drawings and technical specifications along with related shop drawing reviews and approvals. The projects in which Mr. Nicodemus has been involved range from minor renovations and repairs to the design and construction management of major new industrial, and commercial complexes.

Since joining Alaimo Group, Mr. Nicodemus has been involved as the Lead Electrical Engineer for a number of multi-disciplined design and construction projects for Municipal and Water and Wastewater clients.

- Willingboro MUA – Wastewater Grit Removal System
- Salem County Landfill Facility – Landfill Cell Expansions
- Southampton Township – Township Office and Park Rehabilitations
- Elmwood Park Borough - Various Generator Improvements
- Mount Laurel Township – Athletic Field Lighting Installations
- Mount Laurel MUA – Various Wastewater Treatment Plant Improvements
- Evesham MUA - Water and Wastewater SCADA Improvements
- Florence Township Utilities Authority – Various Wastewater Pumping Station Improvements

Registration/Membership:

Licensed Professional Engineer – State of New Jersey
International Electrical and Electronic Engineer Association (IEEE), 2008-Present
International Association of Electrical Inspectors (IAEI), 2017 – Present

EDUCATION

Rutgers University, Piscataway, NJ
B.S., Electrical and Computer Engineering, 2007

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**James R. Nicodemus
5 Edgewater Drive
Hainesport NJ 08036**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

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ACTING DIRECTOR



Alaimo Group
Consulting Engineers

KARA GREENWOOD

Senior Project Manager

PROFESSIONAL

Experience:

Ms. Greenwood joined Alaimo Group in July 2018 and has quickly adapted as a Project Manager in our Electrical Department. In this capacity, Ms. Greenwood has been under the tutelage of James Nicodemus, Associate, and has developed quickly as an Electrical Engineer.

A sampling of some recent multi-disciplined projects that Ms. Greenwood has participated in include the:

- Electrical Cooperation with HVAC engineers to improve energy use throughout Passaic County Facilities in the Passaic ESIP
- Passaic County seven-story parking garage conduit, wiring, and lighting upgrades
- Bergen County Justice Center Façade
- Pump Stations Renovations
- MHMUA Generator Replacement
- Cinnaminson Central Pump Station Generator
- WPCF Lightning/Surge Protection

Skill Set:

Microsoft Office, MATLAB, C++, OrCAD PSpice, AutoCAD

Education:

Graduate of Rutgers University with a Bachelor of Science in Electrical and Computer Engineering, 2018



*Alaimo Group
Consulting Engineers*

RICHARD S. CHECINSKI, PE
Associate

PROFESSIONAL

Experience:

Mr. Checinski has thirty-five (35) years of design experience in various phases of civil, environmental and mechanical engineering and joined Alaimo Group in 1988.

His experience as a civil/environmental engineer includes the design of several wastewater treatment plants, pumping stations and sewage, and storm water collection systems including conceptual design, equipment selection and preparation of construction drawings and technical specifications. Mr. Checinski has also designed sludge dewatering facilities, disinfection systems, flow equalization tanks, sediment tanks and water booster stations for several municipal clients throughout New Jersey.

His experience also includes mechanical design of HVAC, plumbing and fire suppression sprinkling systems, potable water and utility distribution lines. The projects in which Mr. Checinski has been involved range from minor renovations and repairs to the design and construction management of major new industrial, and commercial/office complexes.

His seven (7) years of experience in the ship building industry as a mechanical engineer included the design and construction administration of machinery arrangements, piping and HVAC systems for naval and commercial ships. Mr. Checinski has supervised the testing and start-up of various piping, mechanical and HVAC systems.

Registration:

Licensed Professional Engineer - State of New Jersey

EDUCATION

Technical University, Wroclaw, Poland -

BSC in Sanitary/Environmental Engineering - 1974-1979

Technical College, Wroclaw, Poland - Survey Technician 1968-1971

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**RICHARD CHECINSKI
12 Cove Court
Hainesport NJ 08036**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

05/22/2024 TO 04/30/2026
VALID

24GE04348500
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

INDRA TEJ VADLAMANNATI

Senior Project Engineer

PROFESSIONAL

Experience:

Mr. Vadlamannati is a Mechanical Design Engineer with over 4 years of experience in Heating Ventilation & Air Conditioning (HVAC) with exceptional design skills utilizing various engineering design/drafting tools such as AutoCAD, REVIT MEP. Mr. Vadlamannati possesses a sound knowledge in fundamentals of Thermodynamics, Heat Transfer, Fluid Mechanics and HVAC.

Mr. Vadlamannati has designed and managed the renovation and installation of HVAC systems for facilities such as Universities, Schools and Public Buildings commencing with program analysis and progressing through Design Development, Construction Documents, Bidding and Construction Administration.

Specific technical tasks have included; Calculating Heating/Cooling loads utilizing Trane Trace software, sizing ducts and pipes manually using Ductulator, pipe size calculator and other duct and pipe charts such as VariTrane Duct Designer and Trane Pipe Designer tools.

His responsibilities have also involved selection of mechanical equipment to include pumps, fans, air terminals, vav boxes, boilers, gas fired furnaces and chillers. Mr. Vadlamannati has provided extensive coordination with Architects, Structural, Electrical and Plumbing Engineers, performed site surveys and inspections, prepared ventilation schedules and produced design drawings and specifications for contractor bidding and construction.

Registration:

Professional Engineer – California, New Jersey (Pending)

Technical skills:

AutoCAD, REVIT MEP, Trane Trace, VariTrane Duct Designer, Trane Pipe Designer, SolidWorks

Computer skills: Microsoft Office, Basics of C & C++, MacOS, IOS, Windows OS

Memberships:

American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

U.S. Green Building Council (USGBC)

Institute of Industrial and Systems Engineers

EDUCATION

Master of Science - Mechanical Engineering, University of Illinois at Chicago, May 2017
Cumulative GPA 3.88/4

Bachelor of Technology - Mechanical Engineering, SASTRA University, Tamil Nadu, India, May 2015 - Cumulative GPA 8.33/10; Dean's List



*Alaimo Group
Consulting Engineers*

JAMES M. CUNNINGHAM

Project Manager

PROFESSIONAL

Experience:

Mr. Cunningham is a Mechanical Designer with 30+ years of consulting engineering experience in the design of mechanical, plumbing and fire protection systems for various types of commercial and residential buildings including schools, office buildings, hospitals, pharmaceuticals, universities, telecommunication facilities, computer rooms and high rise buildings. His experience has included managing projects, site visits to verify existing conditions and providing engineering reports for clients.

Specific experience and accomplishments have included:

- Design of new Air Handling Units and RTU's to meet requirements of new spaces and code required ventilation systems for active schools.
- Design of new VRF systems for existing and new schools and training facilities.
- Design of plumbing and fire protection systems for a high school addition.
- Design of HVAC and plumbing systems for a multi-purpose student center with a commercial kitchen.
- Design of heating, ventilation and emergency exhaust systems for large warehouses.
- Survey and Design of Chiller and Cooling Tower systems replacement at a hospital mechanical plant including campus wide chilled water and steam loop replacement enabling removal of faulty systems.
- Design of plumbing systems for medical office suites.
- Designed plumbing systems for activity centers and lodges at various sites.
- Design of HVAC systems using RTUs or water source heat pump units.
- Design of Chiller replacement and boiler addition at a Criminal Justice Center located in the penthouse of the building, within project budget and deadline.
- Designed replacement of 600 bhp steam boilers and provision of temporary steam boilers for a large housing complex to facilitate project construction while keeping existing heating systems active.
- Design of new plumbing and fire protection systems for office buildings.

Technical Skills:

Design and documenting of systems AutoCAD 2018 & 2021; Load calculations using Trane Trace and Carrier HAP; Surveying for Existing Buildings and Systems; Code Review and Application For Project Requirements; Generating Project Specifications using CSI or company formats.

EDUCATION

Community College of Philadelphia - Courses in Engineering Science Program
American Institute of Drafting and Design - Associate Degree

Continuing Education:

ASHRAE Basic Certification
Advanced HVAC Design for ASSE Plumbing I and II Design



ANITA ARADHYA, RA, AIA, LEED, AP

Senior Associate

PROFESSIONAL

Experience:

Ms. Aradhya has twenty-two (22) years of experience as a Project Architect and Designer. She has worked extensively to develop, design, document and manage federal, municipal, educational, healthcare, historic preservation and facility planning projects. She has also worked on LEED certified building projects and coordinated LEED documentation for various agencies and their respective consultants, engineers, owners and end users.

Ms. Aradhya's considerable public sector experience has been focused on New Jersey and Pennsylvania based facility projects, municipal courts, school districts, libraries, existing building evaluation and various roof replacement projects. She has worked as an Architect of Record, Project Architect, CAD-Architectural Designer, and LEED Coordinator. Ms. Aradhya joined Tri-State/Alaimo Group in 2014.

Ms. Aradhya possesses advanced technological skills with expertise in AutoCAD, BIM-Revit Architecture and Bentley MicroStation, Adobe Photoshop, SketchUp and Lumion.

Recent Projects:

- Bergen County Building Renovation at 40 Passaic St Hackensack
- Middlesex County Adult Correction Center Renovation, N Brunswick, NJ
- Existing Conditions Report for Bergen County Jail, Hackensack, NJ
- Existing Conditions Report for Offices & Warehouse at Paramus, Carlstadt and Hackensack for Bergen County
- Existing Conditions Roof Report for Roofs (50 Buildings) Bergen County Utility Authority, Little Ferry, NJ
- Roof Replacement for Three Schools in Voorhees School District
- Additions to Municipal Building, Mount Laurel Township, NJ
- Remediation of the Building Facades, Bergen County Justice Center, Hackensack, NJ
- New Adult Correctional Facility-Middlesex County, North Brunswick, NJ
- Burlington County Detention Center: ADA Upgrades, Mt. Holly, NJ
- North Church Street Water Treatment Plant, Moorestown, NJ
- Hartford Road Water Treatment Plant, Moorestown NJ
- Evesham Twp. Municipal Utility-Water Treatment Plant, Evesham, NJ

Registrations/Licenses/Certifications:

AIA- American Institute of Architects
Registered Architect – New Jersey
Registered Architect-Pennsylvania
NCARB Certified

LEED AP - USGBC
LEED BD+C – USGBC
LEED O+M - USGBC

EDUCATION:

Masters in Environment Management and Sustainability-Harvard University Extension School
Bachelor of Architecture-Bangalore University, India

CA-20

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HAS LICENSED

Anita S. Aradhya
1202 Neck Road
Burlington NJ 08016

FOR PRACTICE IN NEW JERSEY AS A(N): Registered Architect

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Architects
HAS LICENSED
Anita S. Aradhya
Registered Architect

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Carri Sain
ACTING DIRECTOR

07/06/2023 TO 07/31/2025
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Anita S. Aradhya
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COLIN W. McLAIN, RA, AIA

Associate/Architect

PROFESSIONAL

Experience:

Mr. McLain has over forty-five (45) years of diverse experience in the Architectural profession. He has acquired a broad proficiency in commercial, industrial, interior and residential architecture directing projects from Programming through the Contract Administration phase and occupancy. His project management capabilities utilize thorough program analysis, efficient resource management, and personnel communications abilities which have successfully delivered both challenging and creative projects. He's been employed or consulted with Fortune 100 corporations such as Bechtel, Exxon, Core Laboratories and Compaq Computers along with small private business entities along with his own private architecture practice.

Mr. McLain has been involved in a wide-ranging array of project types in the private and public sector working directly with individual owners, corporations, developers, contractors, school districts and municipal utilities. These have included diverse projects such as Corporate Board Rooms, Conference and Training Centers, Public Schools, Industrial Laboratories, Manufacturing facilities, Telecommunications sites, Warehouses, Restaurants and Office Planning and Interiors. These projects have been conducted as either Competitive Bid, Design/Build or Negotiated Contract agreements.

Mr. McLain joined Alaimo Group/Tri-State Architects in February 2018. In this short time period he has provided project management for several public school projects, along with city, municipal and utility authority building analysis and renovation projects. He brings a direct hands-on approach to the project(s) with his unique vision of large firm management organization combined with smaller firm responsiveness and personal attention.

Registration / Memberships:

Registered Architect, State of New Jersey
Registered Architect, State of Texas
Registered Interior Designer, State of Texas
American Institute of Architects

EDUCATION

University of Houston, College of Architecture
Continuing Education (annual per AIA requirements)
Corporate Management and Personnel Training
Business and Project Financial Training

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**COLIN MCLAIN
625 George Street
Franklinville NJ 08322**

FOR PRACTICE IN NEW JERSEY AS A(N): **Registered Architect**

07/04/2023 TO 07/31/2025
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

THOMAS D. CAPPETTI, JR.
Associate, Environmental Planner

PROFESSIONAL

Experience:

Mr. Cappetti has over thirty (30) years of experience in environmental planning, land use development, wetland delineation and project management. As a member of Alaimo Group, he is responsible for all land use development and environmental planning activities, including the in-house review of all design projects to determine Federal, State, and local land use regulatory requirements. He is responsible for obtaining all land use permits and approvals for projects involving Freshwater Wetlands, Flood Hazard Area, CAFRA, Waterfront Development, Highlands, Solid Waste, Army Corps of Engineers, Pinelands Commission, Delaware/Raritan Canal Commission, New Jersey State Historic Preservation Office, Green Acres, New Jersey Sports and Exposition Authority, EPA, and the U.S. Fish and Wildlife Service. He has completed hundreds of wetland delineations, ranging in size from under one acre to well over 600 acres. Mr. Cappetti performs a variety of environmental and planning assessments including Environmental Impact Statements (EIS & EHIS), Preliminary Assessment Reports (PAR), New Jersey Water Bank Infrastructure Planning Documents, Threatened and Endangered Species Investigations, Categorical Exclusionary Documents (CED).

Mr. Cappetti has been responsible for various land use planning activities for the firm's Municipal, Sewer Authority, Municipal Utilities Authority and County clients, including the review and preparation of reports for site plans, major subdivision applications, zoning and use variance applications. Mr. Cappetti has managed projects involving community development, small cities, affordable housing, wastewater management planning, regional transportation planning, park and recreation development, land acquisition, open space assessment and preservation, stormwater management, site development and building addition/renovation.

Mr. Cappetti's more recent projects include: Salem County Landfill Expansion; Burlington County Resource Recovery Complex Landfill Expansion; Morris County Utilities Authority Mount Olive & Parsippany-Troy Transfer Stations Permit Renewals; Bergen County Bridge No. 02C6808 Replacement; Passaic County, Passaic Avenue Bridge Replacement; Middlesex County Rahway Avenue Bridge Replacement; Middlesex County Raritan Avenue Bridge Replacement; Middlesex County Washington Avenue Transportation Safety Improvements; Salem County Fort Elfsborg Road Raising;; Willingboro MUA Wastewater Treatment Plant and Collection System Upgrades; Woodbridge Township Interceptor; Little Falls Township Duva Field PAR.

Memberships:

American Planning Association (APA)
State of New Jersey Professional Planner

EDUCATION

Trenton State College, Ewing, NJ; BS Biology, 1988
Rutgers Professional Education Programs; (NJDEP) 1992 – 2000
Rutgers Professional Education Programs; (APA), (AICP) 1998 – 2004



*Alaimo Group
Consulting Engineers*

JOSEPH S. AUGUSTYN, PP, AICP **Associate/Planner**

PROFESSIONAL

Experience:

Joe Augustyn joined Alaimo Group in 1977 and has forty-four (44) years of experience in Urban and Regional Planning. As a member of Alaimo Group, his focus is strategic, comprehensive and functional community planning. He regularly develops municipal master plan elements, redevelopment investigations and plans, and affordable housing alternatives, and serves as company representative to municipalities and other public entities. He has managed award winning projects involving community redevelopment, comprehensive master plans, natural resources preservation, watershed and stormwater management, urban enterprise zone development, greenway design, and open space preservation. Joe serves as a FEMA CRS Coordinator, and most recently completed storm resiliency design guidance for homes, businesses, and communities. His experience includes comprehensive community development, wastewater management planning, wetlands mitigation, ordinance preparation, recreational planning, project funding, ADA Transition Plans, and public participation facilitation.

He represents the firm in planning services to the Townships of Burlington, East Greenwich, Woolwich, Toms River and Maple Shade; the Boroughs of Glassboro, Medford Lakes, and Riverton; the Cities of Jersey City, Bordentown and Hackensack; and the County of Salem. He is a recognized expert in comprehensive land use and municipal planning, having presented seminars, been published and provided expert testimony. Mr. Augustyn is pre-qualified by the New Jersey Department of Community Affairs (DCA) to perform smart future professional planning work. His latest work includes cannabis planning and block chain applications in community development. Joe's volunteer causes include Rancocas Creek Conservancy serving as Trustee, and teaching courses to Planning and Zoning Board members for the New Jersey Planning Officials (NJPO). International work experience includes Australia, Papua New Guinea and Iran.

Registrations:

Licensed Professional Planner - State of New Jersey
American Institute of Certified Planners - American Planning Association

Memberships:

American Planning Association (APA)
American Institute of Certified Planners (AICP)
Delaware Estuary Program
Rancocas Creek Conservancy

EDUCATION

University of Pennsylvania, Master of City Planning, 1984
AICP Professional Development CEU: 1993, 2011, 2013, 2015, 2017, 2019, 2021
New Jersey Redevelopment Training Institute: Redevelopment Planning Module: 2009, 2010
Sustainable Development Training Workshop, 2011
NJDOT Complete Streets Design and Implementation Workshop, 2012, 2016
NJDEP/BPU Alternative Energy Workshop. 2012
FEMA: Facilitating Community Recovery Workshop, 2014
Drexel University, Graduate Civil Engineering Program, 1978-79
University of Bridgeport, Bachelor of Arts, 1975
Burlington County Community College, Associate in Arts, 1971

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JOSEPH S. AUGUSTYN
434 ELM TERRACE
RIVERTON NJ 08077-1449

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Planner

05/04/2024 TO 05/31/2026
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Joseph S. Augustyn
Signature of Licensee/Registrant/Certificate Holder

Cari Zois
ACTING DIRECTOR

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Cari Zois
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*Alaimo Group
Consulting Engineers*

RICHARD HUNT, P.P., AICP
Senior Project Planner

PROFESSIONAL

Experience:

As a Project Manager, Mr. Hunt has prepared land use plans and maps, floor plans, planning research reports and presentations. He has assisted in creating Land Use Master Plans, and Facilities Master Plans. He has developed public presentation visualizations, drawings, models, and graphics. He has prepared RFPs for professional services for public facilities and operations. Mr. Hunt has conducted planning research, including trends and feasibility analyses, programming, and alternatives analysis.

Mr. Hunt has organized and drafted construction details for engineering and landscape architecture services; performed affordable housing planning services, including creating housing elements and fair share plans for municipalities. He has analyzed parcel and demographic data to create plans and maps in GIS. Mr. Hunt has drafted board review reports for land use board applications. He has performed site inspections, analyzed site layouts, and assisted in preparing redevelopment plans for multiple sites in New Jersey. Mr. Hunt has utilized GIS and design software to perform tasks for several projects and has worked closely with senior firm members and clients. His tasks have included attendance at public meetings.

Mr. Hunt has recently provided Planning services to the following municipalities: Burlington Township Planning/Zoning Board; Evesham Township Zoning Board; Borough of Glassboro, Affordable Housing Planner; Hamilton Township Special Projects Planning Services and Woolwich Township Joint Land Use Board.

Mr. Hunt applies the latest techniques and technology in advancing sustainable development and resilient communities and is adept in various software applications such as; AutoCAD, SketchUp, InDesign, Photoshop, ArcGIS, SPSS.

Registration:

Licensed Professional Planner, State of New Jersey
American Institute of Certified Planners - American Planning Association

Membership:

Rancocas Conservancy Trustee

EDUCATION

Masters in City and Regional Planning- M.C.R.P., Concentrations in Urban Design and Development/ Redevelopment. Edward J. Bloustein School of Planning and Public Policy, New Brunswick 2017

B.A. - Planning and Public Policy, Rutgers University, New Brunswick 2017

B.A. - Geography, Rutgers University, New Brunswick 2015

APA Continuing Education

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**Richard W. Hunt
121 W. Park Blvd.
Haddon Township NJ 08108**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Planner**

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Professional Planner**

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Alaimo Group
Consulting Engineers

Resumes:

- **Survey**
- **Construction Management**
- **Inspectors**
- **CAD/GIS**



*Alaimo Group
Consulting Engineers*

SCOTT F. LOPERT, P.L.S.

Senior Project Manager

PROFESSIONAL

Experience:

Mr. Lopert has more than forty-four (44) years of experience in land surveying and engineering, with over thirty (34) of those years as a licensed land surveyor. Mr. Lopert's previous positions have ranged from State Bridge Inspection to Field Party Chief and Survey Division Manager overseeing the operations of several survey offices. Mr. Lopert has also served in the capacity of a Field Crew Chief and Senior Project Manager on several active projects for the firm.

His broad range of experience encompasses all areas of surveying including highway, outbound, title, heavy construction, site and street as-builts, control and GPS. His duties have covered a project from its original inception, preparing proposals, research, computer calculations and setup, performing the field work, final office calculations, preparation of final AutoCAD drawings, final review and signing of plans.

Mr. Lopert assists the office in plan reviews, drafting, and writing of legal descriptions, the preparation of pre-boundary calculations for field crews on survey and construction projects, boundary resolutions and generating client cut sheets. His research includes hands-on deed and map research. Mr. Lopert has worked on projects for SEPTA and has completed Amtrak's Safety Orientation program. Mr. Lopert has been involved with office management to ensure accurate data drafting and timely delivery of reports to project engineers and clients.

Additional responsibilities have included attending staff meetings, managing project invoicing, coordination of field crew schedules and mentoring field personnel conducting in-house training on critical topics and offering direct support on specialized projects.

Mr. Lopert is also a photographer, Adobe Certified Expert in Photoshop and has served as a speaker and instructor. He is also a Certified FAA sUAS Part 107 Drone Pilot.

REGISTRATION:

New Jersey Professional Land Surveyor # 24GS03537900

FAA sUAS Certificate No. 4475738

National Association of Photoshop Professionals # 47320

OTHER:

Former Vice-Chairman to Burlington City Planning and Zoning Board

EDUCATION

West Virginia University, Civil Engineering Program

Belmont Technical College, Ohio- Associate in Civil Engineering, Certificate in Surveying

Rutgers University, New Brunswick - Drainage Calculations, G.P.S. Adjustments

Miscellaneous courses and seminars on Survey Law, Survey Calculations, Network

Adjustment, Management, G.P.S. Surveying and Instrument Repair.

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**SCOTT FREDRICK LOPERT
1020 LINCOLN AVENUE
BURLINGTON NJ 08016-2523**

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Land Surveyor

**04/07/2024 TO 04/30/2026
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ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

J. RONALD DATZ, PLS
Senior Project Manager/Designer
ASCE Engineering Grade V

PROFESSIONAL

Experience:

Mr. Datz is a New Jersey Licensed Land Surveyor with more than Fifty (50) years of experience in highway technology. Ron previously worked for the New Jersey Department of Transportation, Division of Design for 20 years beginning in field survey and advancing to a position of Principal Engineer/Transportation.

Ron's prior experience also includes serving as a Project Manager in highway design for a New Jersey engineering consulting firm and as Chief of Survey for private construction contractors on a number of projects in the tri-state area.

At Alaimo Group, his duties cover projects from original inception, deed/record research, property maps, computer calculations and setups, fieldwork, office calculations, drafting, final design review, signing of final survey plans, and municipal roadway design. Mr. Datz has been with Alaimo Group since 2000.

Registration:

Land Surveyor - New Jersey - License No. GS 36719-1991

Memberships:

New Jersey Society of Professional Land Surveyors
Surveyors Association of West Jersey
American Society of Highway Engineers
American Society of Civil Engineers
Garden State Land Surveyors Alliance

EDUCATION

Rutgers University - New Brunswick, New Jersey - AA Civil Technology - 1971
Various CEU Seminars in Land Surveying

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**JAMES R. DATZ
156 FRIENDSHIP ROAD
SOUTHAMPTON NJ 08088-8588**

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Land Surveyor**

03/05/2024 TO 04/30/2026
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ACTING DIRECTOR



Alaimo Group
Consulting Engineers

RYAN DESAI, P.E., P.L.S.
Senior Project Engineer / Survey Coordinator

PROFESSIONAL

Experience:

Mr. Desai is a Professional Engineer and Professional Land Surveyor with a broad range of experience in civil engineering, municipal projects, and surveying. He has a proven track record in project management, roadway design, bridge replacement, land development, and construction oversight. His expertise includes managing zoning analysis, site design, grading, drainage, soil erosion control, and stormwater management for a variety of commercial and infrastructure projects. Mr. Desai has been responsible for preparing and reviewing detailed construction plans, including grading, drainage, utility, and landscaping plans, to ensure all projects comply with local ordinances and regulations.

He has extensive experience managing survey field crews, processing field data for accuracy, and preparing construction plans using MicroStation for NJDOT projects. His responsibilities have included overseeing the replacement of guidrails, milling and repaving of highways, and the replacement of bridges across New Jersey. In addition, he has developed and managed proposals for NJDOT projects, further demonstrating his technical proficiency and leadership.

Mr. Desai's experience extends to site planning and the review of zoning regulations, including detailed analysis of zoning requirements, existing conditions plans, and construction documents. He has worked extensively on municipal projects, ensuring that submitted plans adhere to township regulations. Recent projects include zoning analysis, site design, and planning board support for developments such as the QuickChek project in Totowa and the Strong and Shapely Gym redevelopment in East Rutherford.

Additionally, Mr. Desai's work in water resources has involved dam inspection, stream restoration, dredging feasibility studies, and sediment analysis. He has applied his skills in hydrographic mapping, hydraulic modeling, and sediment disposal evaluations to support environmental projects, delivering practical, cost-effective engineering and surveying solutions.

Mr. Desai has also contributed to municipal projects at Alaimo Group, where he was responsible for conducting in-depth zoning analysis and reviewing site plans, lighting plans, grading, drainage, stormwater management reports, and construction details. His recent municipal project experience includes the Tris Pharmacy development in South Brunswick and the 167 Cohawkin Road development in East Greenwich Township. For both projects, Mr. Desai provided zoning analysis, reviewed the existing conditions plan, site plan, grading plan, stormwater management plan, environmental assessments, and all relevant construction documents, ensuring compliance with local codes.

His ability to integrate civil engineering and surveying expertise allows him to deliver comprehensive, high-quality results on complex projects, ensuring that they meet both technical specifications and regulatory requirements

Registration:

Professional Engineer, State of New Jersey
Professional Land Surveyor, State of New Jersey

EDUCATION

New Jersey Institute of Technology, Newark, NJ
Bachelor of Science in Surveying Engineering Technology, May 2021
Bachelor of Science in Civil Engineering, May 2019

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State Of New Jersey
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THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

Ryan Desai
25 Orchard Lane
Marlton NJ 08053

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

06/21/2024 TO 04/30/2026
VALID

24GE06098800
LICENSE/REGISTRATION/CERTIFICATION #

Ryan Desai
Signature of Licensee/Registrant/Certificate Holder

Cari Zain
ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
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Ryan Desai
Professional Engineer

06/21/2024 TO 04/30/2026
VALID
SIGNATURE
Ryan Desai
24GE06098800
LICENSE/REGISTRATION/CERTIFICATION #
Cari Zain
ACTING DIRECTOR

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Board of Prof. Engineers & Land Sur
P.O. Box 45015
Newark, NJ 07101

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Ryan Desai
25 Orchard Lane
Marlton NJ 08053

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Land Surveyor

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Division of Consumer Affairs
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Ryan Desai
Professional Land Surveyor

06/10/2024 TO 04/30/2026
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SIGNATURE



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Licensee/Registrant/Certificate #

Cari Zais
ACTING DIRECTOR

06/10/2024 TO 04/30/2026
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*Alaimo Group
Consulting Engineers*

NELSON J. LANDON, PE **Associate**

ASCE Engineering Grade V

PROFESSIONAL

Experience:

Mr. Landon has thirty-seven (37) years of experience in the architectural and civil engineering industry. His experience includes considerable construction management, contract administration and the design and preparation of engineering plans and specifications for Municipal, Private and State grant funded construction projects. Relevant project experience has included construction and/or reconstruction of roadways, site plan layouts, sanitary sewer, storm sewer, school buildings, as well as parks and recreation facilities.

In his capacity as a construction manager, Mr. Landon coordinated the design and development of a 25,000 square foot, steel framed, office building, from initial schematic state through construction; organized the selection, purchase, and installation of the final office fit out; participated in the scheduling and supervision of various construction trades; and assisted in the production of architect's drawings and documents. He also provided construction manager duties for various other building projects including a 24-unit apartment building, 6,000 S.F. preschool, and a 16-unit single family development.

Since joining Alaimo Group, Mr. Landon has provided construction management, contract administration and inspection services for building, roadway, site and infrastructure improvement projects at numerous municipal, authority, and school district projects. A sample of projects managed by Mr. Landon include new construction of the Atlantic City Board of Education's Pennsylvania Avenue School (Construction Cost: \$25,077,114) and Richmond Avenue School (Construction Cost: \$10,160,000).

Registration:

Registered Professional Engineer – State of New Jersey

Registered Professional Engineer – Commonwealth of Pennsylvania

EDUCATION

New Jersey Institute of Technology, Newark, NJ; Master of Science, Civil Engineering, 2006

New Jersey Institute of Technology, Newark, NJ; Bachelor of Engineering Technology, 2002

Fairleigh Dickinson University, Rutherford, NJ; BS, Business Administration, 1990

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Nelson J. Landon
56 Vicari Way
Tuckerton NJ 08087

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

04/10/2024 TO 04/30/2026
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Nelson Landon
Signature of Licensee/Registrant/Certificate Holder

Cari Zois
ACTING DIRECTOR

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Nelson J. Landon
Professional Engineer



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*Alaimo Group
Consulting Engineers*

JOHN B. NAGLE, PE
Senior Project Engineer/Construction Manager

PROFESSIONAL

Experience:

Mr. Nagle has fifty (50) years of experience in civil engineering and heavy construction. Heavy construction project experience has included sanitary sewer, water and storm drainage pipelines including installation, repair and relining, utility ducts and manholes, sewerage and water treatment plants and pumping stations, road and bridge construction, dewatering, braced excavations and cofferdams, environmental remediation and cleanup, site development, and marine construction including piling, bulkheads, subaqueous crossings, and jetties along the East Coast from New Jersey to Florida.

Since joining the Alaimo Group in 1999, Mr. Nagle has been the supervisor of the Construction Management and Field Services Departments. Working with a staff of Construction Managers and certified field inspectors, he is responsible for overseeing all ongoing construction projects, in both the Municipal and Private sector, throughout the company's area of operation.

Major projects with the Alaimo Group have included: construction of roads; construction and rehabilitation of bridges; new construction, rehabilitation, and expansions of sewerage and water treatment plants; redevelopment and construction of new wells; construction of several new sewerage collection systems with pumping stations and force mains including construction of a 90,000 LF sanitary sewerage system including eight pumping stations and total road reconstruction for Hainesport Township; construction of leachate recovery systems and new cells for various landfills; relining and rehabilitation of sanitary sewers and force mains; installation of solar generating systems; repainting and rehabilitation of elevated storage tanks; and construction of parks and recreational facilities.

Registration:

Registered Professional Engineer - State of New Jersey #35761

EDUCATION

Villanova University, Villanova, PA, Bachelor of Mechanical Engineering 1971

State Of New Jersey
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JOHN B. NAGLE
43 Ross Way
Marlton NJ 08053

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

02/27/2024 TO 04/30/2026

VALID

Signature of Licensee/Registered Certificate Holder

24GE03576100

LICENSE/REGISTRATION/CERTIFICATION #

Cari Zais
ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

NATE VIZZI, CET, NJSAT **Chief Field Services Supervisor**

PROFESSIONAL

Experience:

Mr. Vizzi joined the Alaimo Group in 2014 as an experienced Field Services Representative having prior Resident Engineer and Inspection experience with NJDOT for five (5) years followed by another year with the firm PRIME AE Group for primarily Bridge and Roadway projects. Since joining Alaimo Group, Mr. Vizzi's experience in the observation of Bridge and Roadway construction continues, but his background has expanded to include other municipal and utility authority infrastructure projects such as Water and Wastewater replacements, repairs and improvements.

Examples of Mr. Vizzi's Roadway and Bridge experience includes a portion of Ocean County's Route 526 Reconstruction and Resurfacing Project; Toms River Township's Cattus Island Boulevard project that included drainage improvements, milling and paving, new curbs and sidewalks, and seven (7) total intersections; rehabilitation of the multi-span twin bridge superstructures, deck joints and approach and transition slabs at Route 896 over I-95; and, also for I-495 over Stoney Creek; and, substructure and full superstructure replacement for five (5) bridges along the Bellmawr/West Deptford I-295 corridor. Additionally, Mr. Vizzi has provided recent construction oversight to the Digester Rehabilitation, Structural Repairs, and Pump Station Replacements at the Willingboro MUA; construction oversight to the Evesham MUA's Wastewater Treatment Facility's SCADA System; along with numerous municipal sidewalk, roadway, ADA, force main, and storm sewer projects.

Registration:

National Institute for Certification in Engineering Technologies - Cert. #138407
Highway Construction - Level IV
New Jersey Society of Asphalt Technologists

EDUCATION

B.S. Civil Engineering, Rowan University, 2008
A.S. Engineering Science, Camden County College, 2005



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BE IT KNOWN THAT

Nathaniel E. Vizzi

IS HEREBY AWARDED CERTIFICATION AT

Level IV

IN HIGHWAY CONSTRUCTION INSPECTION

BASED UPON SUCCESSFUL DEMONSTRATION OF REQUISITE KNOWLEDGE,
EXPERIENCE AND WORK PERFORMANCE AS SET FORTH BY THIS INSTITUTE.

Certification Valid Through 7/1/2026

CERTIFICATION NUMBER 138407

Linda M. Biernacki

CHAIRMAN OF THE NICET BOARD OF GOVERNORS

A DIVISION OF THE NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS



*Alaimo Group
Consulting Engineers*

FRANK (BARRY) NIPPINS, CET, NJSAT **Field Services Supervisor**

PROFESSIONAL

Experience:

Mr. Nippins joined the Alaimo Group in 1988 with responsibilities for observation of construction to determine conformance with approved plans and specifications. In this capacity, his services include construction performance by contractors for projects designed by the Alaimo Group for municipal utilities authorities, and governmental, and school district clients, and for work performed by developers in municipalities for which Alaimo represents the governing body, Planning Board, or utilities authority. Typical work includes roads and pavements, both asphalt and concrete; base and subbase preparation; curbs and sidewalks; storm water, sanitary sewer and water main piping systems; site drainage and culverts; soil erosion; storm detention and retention basins; geotechnical fabrics; landscaping; and general site improvements

Barry was Alaimo's field representative for the renovation of four (4) schools for the Mount Holly Township Board of Education, including replacement of bathroom plumbing from piping to fixtures, new roof replacements, replacement of all exterior windows and doors, new stage and lighting, repainting of buildings, new fire alarm systems, new concrete entranceways, and new floor and ceiling systems - a total of 2.8 million dollars worth of contract work. Barry was also the field representative for roof replacements at four (4) school district buildings for the Voorhees Township Board of Education with a combined construction cost of over \$4,000,000. Recently, Mr. Nippins provided field representative services for a complex Architectural/Engineering Project for the North Church Street Water Treatment Plant in Moorestown, NJ which was completed in 2019 with a construction budget of \$15,000,000. The roof of the water treatment building has many levels to accommodate tanks of varying heights. This project included the addition of a filter building as well with a sloped roof consisting of insulated metal roof panels.

Registration:

NJSAT Certified Asphalt Technologist

EDUCATION

Burlington County Vocational/Technical School, Construction Certification, 1975
State University of New Jersey, Rutgers, Certificate for Work Zone Safety, 1992



*Alaimo Group
Consulting Engineers*

JOHN G. SHAW, CET
Field Services Representative

ASCE Engineering Grade III

PROFESSIONAL

Experience:

John Shaw is a field services representative with responsibilities for the observation of construction to determine conformance with approved plans and specifications. In this capacity, his services include inspection of construction being performed by contractors for projects designed by the Alaimo Group or others for our municipal utilities authorities and governmental clients; and for work being done for developers in municipalities for which Alaimo represents the governing body, planning board, or utilities authority. Typical work includes roads and pavements, both asphalt and concrete; base and sub-base preparation; curbs and sidewalks; storm water, sanitary sewer and water main piping systems; site drainage and culverts; soil erosion control; storm detention and retention basins; landfill construction; geotechnical fabrics; landscaping; and general site improvements.

John previously worked in the Alaimo Group's field survey department and has had experience in construction layout, outbound property surveys and a major pipeline, dam and roadway projects.

Mr. Shaw has served as Alaimo Group's Field Representative at several New Jersey landfills and is familiar with the inspection of clay liners and geomembranes. QA inspector roles include the Hopatcong Landfill and the Cumberland County Landfill. He also provided inspection services to the Burlington County Resource Recovery Complex and the Salem County Solid Waste Facility.

Mr. Shaw has also served as Field Representative on the Garden State Parkway for New Jersey Highway Authority projects with construction values in excess of \$5 million. These projects included deck repairs, milling of asphalt pavement, bridge deck joints, substructure and superstructure concrete repairs, curb replacement, expansion joint replacement, waterproof deck and resurfacing.

Registration and Certification:

National Institute for Certification in Engineering Technologies, Cert. #080655

Highway Construction - Level III

Underground Utilities - Level III

Survey - Level II

Soil Erosion - Level II

NJHA - Work Zone Safety Certificate



*Alaimo Group
Consulting Engineers*

ALFRED BATTIPEDE **Field Services Representative**

PROFESSIONAL

Experience:

Mr. Battipede joined Alaimo Group as Field Services Representative possessing six (6) years of Construction Management experience. Mr. Battipede is experienced in working with a wide range of construction tools and equipment, and familiar with all stages of and masonry process from project initiation through completion.

Excellent communication and interpersonal skills, with daily experience in direct customer service and collaboration to meet client expectations.

Knowledgeable in general carpentry, site preparation, concrete foundations, blockwork, framing, and experience in electrical work. Able to complete multiple projects skillfully within tight timeframes, accustomed to a fast-paced work environment.

Supervision of work crews and mentoring of junior members, providing guidance on proper techniques and safety.

Proficient with hand and power tools including jackhammers, drills, saws, air compressors, transit and lock levels, compactors, and chisels.

Experienced in driving commercial vehicles including dump trucks with an attached trailer. Proficient In Microsoft Office, Social Media Platforms and Google Platforms.

EDUCATION

York College of Pennsylvania, 2017-2021, Bachelor of Science



*Alaimo Group
Consulting Engineers*

ROBERT MAC CLAY **CAD/GIS Department Head**

PROFESSIONAL

Experience:

Mr. Mac Clay has more than thirty (30) years of experience in the preparation of civil and structural design drawings. In his twenty-nine (29) years with the Alaimo Group, he has been assigned primary responsibility for the preparation of contract drawings for several major projects including Landfill No. 2 at the Burlington County Resource Recovery Complex; the Evesham Municipal Utilities Authority Wastewater Treatment Plant Upgrade; the Evesham Township Landfill Closure Plan; design plans for Deerwood Country Club Estates and numerous other civil and structural design drafting projects. He is strongly proficient with the latest version of AutoCAD as well as related CAD software.

Mr. Mac Clay was responsible for the preparation of the GIS database for Middlesex County using ArcGIS software. This project involved compiling geographic database information from several sources regarding known contaminated sites, correcting the data locations based on cross references with aerial photos and property ownership records; building attribute tables with all known site information; and categorizing sites based on the nature of the contamination. The output from the inventory mapping project were county, study area, and municipal maps indicating the accurate location, identification, and categorization of known contaminated sites. The attribute tables associated with these inventory maps contained all readily available information regarding ownership, size, and other site information.

Mr. Mac Clay created and responsible for the maintenance of Mount Laurel Township Municipal Utilities Authority and South Brunswick Township Water and Sewer Department GIS water and sewer projects. Mr. Mac Clay was responsible for the collection of as-built information from record plans, coordination with our Survey Department in locating existing facilities using GPS equipment and attach various attribute information to create a GIS data base that was easily useable for Mount Laurel Township Municipal Utilities Authority and South Brunswick Township Water and Sewer Department personnel. He is also responsible for the preparation of the GIS resource and aerial orthophotographs mapping which are used in all of the Alaimo Group's Land Use Permitting and Environmental Site Assessments.

EDUCATION

American Institute of Drafting; Drafting and Design Technology, AA Degree 1985

Rutgers University, 1998

Rutgers University, Fundamentals of GIS, 1999

Rutgers University, Desktop Mapping with ArcView, 1999

ESRI, Introduction to Arc GIS I, 2004

Autodesk, Transitioning to AutoCAD, 2007

AutoCAD, MEP, 2020

AutoCAD, Civil 3D, 2020



*Alaimo Group
Consulting Engineers*

CRAIG F. CONNOLLY, JR.

Senior Project Manager/Designer/AutoCAD

PROFESSIONAL

Experience:

Mr. Connolly has over twenty-five (25) years of experience with AutoCAD and is familiar with Civil 3D, ArcGIS and Microsoft Office. He has performed the following tasks in AutoCAD: drawing/designing miscellaneous piping and system details, survey plans, site plans, grading plans, general property parcel maps, subdivision plans, and template modifications.

Mr. Connolly has over ten (10) years of experience in civil design work. He has performed the following tasks in Civil 3D: importing survey information, creating surfaces, alignments, profiles and cross-sections and has been involved with the design layout and grading of roadwork, curbing, house staking. Mr. Connolly has designed various grading plans, easement plans, and as-built conditions plans. He has designed and graded various private sites for development, including the layout, parking, and drainage.

Mr. Connolly performs the sanitary sewer and water distribution reviews for the following Townships, Evesham M.U.A., Mount Laurel M.U.A., Cinnaminson Sewerage Authority, Florence Township, Willingboro M.U.A., and others. He has also created easement plans, general property parcel maps and record drawings for various other Townships. Mr. Connolly has assisted in the design of water main/sanitary sewer main replacement drawings.

Mr. Connolly has worked with various meters, for the monitoring of manholes and pump stations. The meters have been used to measure inflow, outflow, average pump rates, etc.

EDUCATION

American Institute of Design, Philadelphia, PA, 1989-1991

Degree: Associate in Specialized Technology Degree

Grades: Maintained an "A" average

Awards: Full Scholarship for first year

Clients / References / Awards



PARTIAL LIST OF CLIENTS

Municipal

Atlantic City BOE
Barnegat Township
Berkeley Township
Berkeley Township
Sewerage Authority
Berkeley Township MUA
Beverly City
Bloomfield Township
Bloomingdale Borough
Bordentown City
Bordentown Township
Burlington City
Burlington Township
Camden, City of
Carneys Point Township
Cinnaminson Sewerage
Authority
Cinnaminson Township
Delran Sewerage Authority
Delran Township
Deptford MUA
Deptford Township
Dumont Borough
East Greenwich
East Rutherford Township
Edgewater Park Sewerage
Authority
Edgewater Park Township
Elmwood Park Borough
Evesham MUA
Evesham Township
Florence Township
Franklin Township
Glassboro Borough
Greenwich Township
Hackensack
Hainesport Township
Haledon Borough
Hamilton Township
Jackson Township
Jackson MUA
Jersey City
Jersey City MUA
Lakewood MUA
Lenape Regional School District
Linden, City of
Little Falls
Logan Township MUA
Lumberton Township
Maple Shade Township

Manchester Township
Medford Township
Medford Lakes Borough
Monroe Township (Gloucester)
Monroe Township (Middlesex)
Moorestown Township
Morristown
Mount Holly MUA
Mount Holly Township
Mount Laurel MUA
Mount Laurel Township
North Arlington Borough
Newark, City of
Ocean Township
Paterson, City of
Pemberton Township
Pemberton Township MUA
Pilesgrove Township
Piscataway Township
Pompton Lakes Borough
Prospect Park Borough
Ringwood Borough
Riverside Township
Riverside Sewerage Authority
Riverton Borough
Southampton Township
South Brunswick Township
Stafford Township
Summit, City of
Tabernacle Township
Totowa Borough
Toms River Township
Vineland, City of
Voorhees Township
Washington Township (Gloucester)
Wanaque Borough
Westampton Township
West Deptford Township
West Windsor Township
Woodbridge Township
Woodland Park Borough
Wildwood, City of
Willingboro MUA
Woolwich Township

County

Bergen County Utilities Authority
Bergen Co. Commissioners
Bergen Co. Improvement Authority
Burlington Co. Commissioners
Burlington Co. Special Services
School District

Burlington County Institute of
Technology
Camden County Commissioners
Cumberland County Improvement
Authority
Essex County Commissioners
Essex County Improvement
Authority
Essex County Vocational School
Gloucester County Commissioners
Gloucester County Improvement
Authority
Middlesex County Commissioners
Middlesex County Utilities
Authority
Morris County Commissioners
Morris County Utilities Authority
Ocean County Commissioners
Ocean County Utilities Authority
Passaic County Commissioners
Passaic County Community College
Passaic County Utilities Authority
Salem County Commissioners
Salem County Improvement
Authority
Somerset County Commissioners
Union County Commissioners

State

New Jersey Division of Property
Management and Construction
New Jersey Department of
Transportation
New Jersey Department of Treasury
New Jersey Economic Development
Authority
New Jersey Turnpike Authority
New Jersey Schools Development
Authority
South Jersey Transportation
Authority
Pennsylvania Turnpike Commission

Regional

Delaware River and Bay Authority
Delaware River Port Authority
Delaware Valley Regional Planning
Hackensack Water Company
Jersey City Redevelopment
Authority
North Jersey District Water Supply
Passaic Valley Sewerage
Commissioners



*Alaimo Group
Consulting Engineers*

References

Burlington County Commissioners

50 Rancocas Road, 2nd Floor
Mount Holly, NJ 08060
Mary Pat Robbie, Dir. Resource Conservation
mprobbie@co.burlington.nj.us
(856) 642-3850

Cinnaminson Sewerage Authority

1621 Riverton Road
Cinnaminson, NJ 08077
Kimberly Fitzpatrick, Administrator
kfitzpatrick@cinnaminsonsewerage.org
(856) 829-5287

Evesham Municipal Utilities Authority

100 Sharp Road
Marlton, NJ 08053
Edward T. Waters, Jr., Chairman
ewaters@eveshammua.com
(856) 983-1878

Florence Township Utilities

711 Broad Street
Florence, NJ 08518
Frank K. Baldorossi, Jr., Council President
fbaldorossi@florence-nj.gov
(609) 499-2525

Jersey City MUA

13-15 Linden Avenue East
Jersey City, NJ 07305
Richard Haytas, Senior Engineer
r.haytas@jcmua.com
(201) 432-1150

Mount Holly Municipal Utilities Authority

1 Park Drive
Mount Holly, NJ 08060
Richard DiFolco, Chairman
rdifolco@twp.mountholly.nj.us
(609) 267-0015

Mount Laurel Municipal Utilities Authority

1201 South Church Street
Mount Laurel, NJ 08054
Pamela J. Carolan, Executive Director
pcarolan@mltmua.com
(856) 722-5900 x 120

Old Bridge Municipal Utilities Authority

71 Boulevard West
Cliffwood Beach, NJ 07735
Mike Roy, Executive Director
mroy@obmua.com
(732) 679-8440

Pompton Lakes Borough MUA

2000 Lincoln Avenue
Pompton Lakes, NJ 07442
Michael Longo, Wastewater Commissioner
mlongo@plbmua.org
(973) 839-3044

Salem County Improvement Authority

286 Welchville Road
Alloway, NJ 08001
Julie A. Acton, Executive Director
jacton@scianj.org
(856) 935-7900

South Brunswick Township Utilities

540 Ridge Road
Monmouth Junction, NJ 08852
Bryan Bidlack, Manager
bbidlack@sbtj.net
(732) 329-4000 x7301

Willingboro Municipal Utilities Authority

433 John F. Kennedy Way
Willingboro, NJ 08046
James Mackie, P.E., Executive Director
jmackie@wmua.info
(609) 877-2900 x-108



*Alaimo Group
Consulting Engineers*

ALAIMO GROUP ENGINEERING AWARDS

<i>Project/Award</i>	<i>Granting Organization/Date</i>
Well 5A PFOS Treatment System Upgrade Willingboro Municipal Utilities Authority	New Jersey Alliance for Action Leading Capital Construction Projects Award, 2023
Well 5A PFOS Treatment System Upgrade Willingboro Municipal Utilities Authority	New Jersey Alliance for Action Distinguished Engineering, 2022
Moorestown North Church Street WTP Upgrade Township of Moorestown	New Jersey Society of Municipal Engineers 1 st Place, Municipal Design Award, 2021
Twin Boro Field Remediation and Reconstruction Borough of Dumont	New Jersey Society of Municipal Engineers Honor Place Award, 2013
Maple Avenue Wastewater Treatment Plant Mount Holly Municipal Utilities Authority	Consulting Engineers Council of New Jersey Distinguished Award, 2013
Sesselman Park Extension Borough of East Rutherford	Consulting Engineers Council of New Jersey Distinguished Award, 2011
Elbo Lane Water Treatment Plant Mount Laurel Township MUA	Consulting Engineers Council of New Jersey Distinguished Award, 2009
Reconstruction of Upper and Lower Aetna Dams Borough of Medford Lakes	New Jersey Society of Municipal Engineers Project of the Year, 2007
Tabernacle Road Pedestrian Bridge Borough of Medford Lakes	New Jersey Society of Municipal Engineers Project of the Year, 2005
Outstanding Member Company Overall projects	Association of Environmental Authorities Wave Award, 2005
Sanitary Sewer Project Hainesport Township	Consulting Engineers Council of New Jersey Distinguished Award, 2004
Water Pollution Control Facility Florence Township	Consulting Engineers Council of New Jersey Distinguished Award, 2003
Laurel Acres Park Expansion Mount Laurel Township	Consulting Engineers Council of New Jersey Distinguished Award, 2002
Hopatcong Landfill Closure Project Borough of Hopatcong	Consulting Engineers Council of New Jersey Distinguished Award, 2001
Resource Recovery Complex Burlington County Board of Commissioners	Consulting Engineers Council of New Jersey Distinguished Award, 2000
Main Street Thruway Improvement Project Maple Shade Township	Consulting Engineers Council of New Jersey Distinguished Award, 1999
Smithville Dam Replacement Burlington County Board of Commissioners	Consulting Engineers Council of New Jersey Distinguished Award, 1998
Water Pollution Control Facility Hartford Road Mount Laurel Municipal Utilities Authority	Consulting Engineers Council of New Jersey Distinguished Award, 1998
Devonshire Stream Corridor Improvements Mount Laurel Township	Consulting Engineers Council of New Jersey 1998 Distinguished Award
Wastewater Treatment Plant Upgrade Riverside Township Sewerage Authority	Consulting Engineers Council of New Jersey Distinguished Award, 1997
Wastewater Treatment Plant Upgrade Elmwood Plant Evesham Municipal Utilities Authority	U.S. EPA National Operations and Maintenance Excellence Award, 1996
Wastewater Treatment Plant Upgrade Medford Lakes Borough	Consulting Engineers Council of New Jersey Merit Award, 1996
Prickett's Mill Recreation Field Tabernacle Township	New Jersey Society of Municipal Engineers Project of the Year, 1995
Wastewater Treatment Plant Upgrade Delran Township Sewerage Authority	Consulting Engineers Council of New Jersey Merit Award, 1995
Barclay Farms Park Memorial Sports Complex Evesham Township	New Jersey Society of Municipal Engineers Project of the Year, 1994



WELL 5A WATER TREATMENT PLANT UPGRADE

Willingboro Municipal Utilities Authority

Richard A. Alaimo, PE, Project Engineer - Alaimo Group

Capacity: 2.0 MGD

Location: 23 Baldwin Lane, Willingboro, NJ

Water Treatment Plant Upgrade Project

Construction Cost: \$5,257,000.00

GOVERNING BODY

Pat Lindsay-Harvey Chair - 2023

Carl A. Turner Chair - 2024

Kevin McIntosh Vice Chair

Darvis Holley Commissioner

James S. Boyer Commissioner

William Weston Alternate

Diallo Diggs Alternate

James J. Mackie Executive Director



Well 5A Water Treatment Plant



Carbon Adsorption System



Self-Cleaning Pre-Filters

The Well 5A Water Treatment Plant (WTP) is one of four operated by the Willingboro Municipal Utilities Authority. Over the years, the Well 5A WTP has undergone several upgrades. In 1999, the facility was modified with the installation of a new well, well pump, air stripper, and related chemical feed equipment. In 2016, the plant was further enhanced with a radium removal system to eliminate radium and gross alpha from the drinking water. Most recently, in 2022, the plant was upgraded again to remove PFAS from the water supply.

The upgrades included:

Carbon Adsorption System

Two carbon adsorption systems were installed, each consisting of two downflow granular activated adsorption vessels arranged in series, specifically designed for the removal of PFAS and VOCs. The activated carbon used is derived from select grades of bituminous coal, which are robust enough to endure the abrasion caused by repeated backwashing, air scouring, and hydraulic support. This activated carbon can be regenerated up to four times, reducing the cost of media replacement.

Self-Cleaning Pre-Filters

To decrease the need for frequent cartridge filter replacements, a self-cleaning pre-filtration system was installed upstream of the existing cartridge filters. These pre-filters effectively remove suspended solids larger than 25 microns from the process water.



PFAS Treatment Building



NORTH CHURCH STREET WATER TREATMENT PLANT UPGRADE

Moorestown Township

FIRST PLACE
Municipal Design Project

Richard A. Alaimo, PE, Project Engineer - Alaimo Group



NCWTP 12/12/20 Aerial View Back Site - 10,200 sqft ± Under Roof



Radium Removal (g) Tanks



NCWTP 12/20/20 Aerial View Street Side



Carbon Filters (b) Tanks



Ultra Violet System Removal of 1,4-Dioxane

2018

Stacey Jordan, Mayor
Manuel Delgado, Deputy Mayor
Michael Locatelli, Councilman
Victoria Napolitano, Councilwoman
Lisa Petriello, Councilwoman

2019

Lisa Petriello, Mayor
Nicole Gillespie, Deputy Mayor
Brian Donnelly, Councilman
Victoria Napolitano, Councilwoman
Michael Locatelli, Councilman

Thomas Meroche, Township Manager

2020

Nicole Gillespie, Mayor
Brian Donnelly, Deputy Mayor
Lisa Petriello, Councilwoman
Michael Locatelli, Councilman
Victoria Napolitano, Councilwoman

The North Church Street WTP is the largest of the Township's three treatment plants, and to our knowledge is the first designed in the State of New Jersey treating for Radium, Gross Alpha, 1,2,3-Trichloropropane (1,2,3-TCP), Trichloroethylene (TCE), Manganese, and 1,4-Dioxane (1,4-D).

Radium Removal System - The cation exchange process is used to remove the radium content found in the water. Removing radium in water significantly reduces the gross alpha (radioactivity) concentrations to regulated levels. After the media is loaded with radium, it is permanently disposed of in a licensed facility.

Pressure Filtration System - The Pressure Filter System has three horizontal pressure filters, each containing three cells. The filters hold a few different media including Anthracite, Synthetic Greensand Plus, Tomedo Sand and Gravel, to remove oxidized manganese from the water by process of adsorption and contact oxidation.

UV Advance Oxidation System - Hydrogen peroxide is injected into the water upstream of the UV system where the reagent and influent water is mixed via a static mixer before reaching the UV system. The hydrogen peroxide in conjunction with UV light generates highly reactive hydroxyl radicals (OH) which destroy 1,4-D in the water.

Carbon Adsorption System - Three carbon adsorption system trains, each with two down flow granular activated adsorption vessels in series, were installed for 1,2,3-TCP and TCE removal. The activated carbon is manufactured from select grades of bituminous coal capable of withstanding the abrasion associated with repeated backwash, air scouring, and hydraulic transport.

These systems are supplemented by additional processes, including a **Sodium Hypochlorite Chemical Feed System**. Sodium hypochlorite is used for surface purification, bleaching, odor

removal and water disinfection. Sodium hypochlorite's advantages include that it can easily be stored and transported. It also produces a residual disinfectant and is as effective as chlorine gas.

Zinc Pyrophosphate Chemical Feed System provides for additional corrosion control that acts as an adhesive liner to protect against rusting. NCWTP was restored to the original permitted design capacity of 2.88 MGD (2,000 GPM). All three of the Township's plants together now meet the demand for peak day. The improvements provide for a yearly volume of 1,051 MGY.

Water Treatment Plant Project Construction Cost: \$18,793,519



*Alaimo Group
Consulting Engineers*

ALAIMO GROUP PLANNING AWARDS

<u><i>Project/Award</i></u>	<u><i>Granting Organization/Date</i></u>
Morris Canal Greenway Jersey City Redevelopment Agency	New Jersey Planning Officials Achievement in Planning Award, 2018
Medford Lakes Historic Preservation Borough of Medford Lakes	New Jersey Planning Officials Achievement in Planning Award, 2018
Springside School Apartments Adaptive Reuse Project Burlington Township	New Jersey Planning Officials Achievement in Planning Award, 2014 New Jersey Future Smart Growth Award, 2014
Community Design and Water Resource Protection Plan Borough of Medford Lakes	New Jersey Planning Officials Achievement in Planning Award, 2010
Medford Township Route 70 Corridor Smart Growth Plan	New Jersey Planning Officials Achievement in Planning Award, 2004
Redevelopment Plan for Glassboro Central Business District Borough of Glassboro	New Jersey Planning Officials Achievement in Planning Award, 2001
Master Plan Community Design Plan Element Medford Township	New Jersey Planning Officials Achievement in Planning Award, 2001
ADA Facilities Accessibility Survey and Transition Plan Mount Laurel Township	New Jersey Planning Officials Achievement in Planning Award, 2000
Master Plan and Unified Development Ordinance Voorhees Township	New Jersey Planning Officials Achievement in Planning Award, 1999
Senator Haines Redevelopment Plan for Industrial Center Burlington Township	New Jersey Planning Officials Achievement Planning Award, 1997
Wastewater Management Plan Lumberton TDR Amendment Mount Holly Municipal Utilities Authority	New Jersey Planning Officials Achievement in Planning Award, 1997
Evans Mill Pond Nature Preserve Evesham Township	New Jersey Planning Officials Achievement in Planning Award, 1995
Open Space and Natural Resources Management Plan Passaic County	American Planning Association/New Jersey Outstanding Environmental Achievement Award, 1994
Urban Enterprise Zone New Jersey Enterprise Zone Authority Mount Holly Township	New Jersey Planning Officials Achievement in Planning Award, 1994
Comprehensive Watershed Management Study and Plan Eastampton Township	Governor's Award for Outstanding Achievement in Pollution Prevention, 1993
Open Space and Natural Resources Management Plan Passaic County	New Jersey Planning Officials Achievement in Planning Award, 1993
Stormwater Management Plan for Eastampton Township	New Jersey Planning Officials Achievement in Planning Award, 1992
Cooper River Watershed Management Study and Plan Camden County	American Planning Association/New Jersey Outstanding Planning Concept Program and Process Award, 1989



*Alaimo Group
Consulting Engineers*

ALAIMO GROUP WATERSHED MANAGEMENT AWARDS

<i>Project/Award</i>	<i>Granting Organization/Date</i>
Water Resource Protection Plan Borough of Medford Lakes	- New Jersey Planning Officials Achievement in Planning Award, 2010
Devonshire Stream Corridor Improvements Watershed Area 19 Mount Laurel Township	- New Jersey Society of Municipal Engineers Project of the Year, 1998 - Consulting Engineers Council of New Jersey Distinguished Award, 1998
Lumberton Amendment Watershed Area 19 Wastewater Management Plan Mt Holly Municipal Utilities Authority	- New Jersey Planning Officials Achievement in Planning Award, 1997
Evans Mill Pond Nature Preserve Watershed Area 19 Evesham Township	- New Jersey Planning Officials Achievement in Planning Award, 1995
Open Space and Natural Resources Management Plan Watershed Area 6 Passaic County	- American Planning Association/New Jersey Outstanding Environmental Achievement Award, 1994
Comprehensive Watershed Management Study and Plan Watershed Area 6 Eastampton Township	- Governor's Award Outstanding Achievement in Pollution Prevention, 1993
Open Space and Natural Resources Management Plan Watershed Area 6 Passaic County	- New Jersey Planning Officials Award "Substantially Assisting the County's 16 Municipalities in Identifying Land Use and Resource Protection Goals," 1993
North Branch Rancocas Creek Watershed Management Study and Plan Watershed Area 19 Eastampton Township	- New Jersey Planning Officials Award - "Improvement of Water Quality through Regional Watershed Management," 1992
Cooper River Watershed Management Study and Plan Watershed Area 19 Camden County Park Commission	- American Planning Association/New Jersey Outstanding Planning Concept, Program and Process Award, 1989
Assiscunk Creek Park Burlington Township	- New Jersey Society of Municipal Engineers Project of the Year, 1982

Employee Rate Schedule



Employee Rate Schedule

February 12, 2025

Professional Category	Hourly Rate
Principal	\$240
Senior Associate	\$235
Associate	\$230
Architect.....	\$230
Senior Project Engineer	\$230
Project Engineer.....	\$225
Senior Project Planner	\$225
Project Planner	\$220
Senior Project Manager	\$220
Project Manager	\$215
Designer-CAD	\$180
Surveying – Supervisor.....	\$190
Surveying - Chief.....	\$190
Surveying - Fieldman	\$180
Field Representative - Supervisor.....	\$190
Field Representative	\$180
Administrative Assistant.....	\$125

Mileage charges are based upon IRS approved rates for the current year.

Prints, copies and other out-of-pocket expenses are billed at direct cost.

AutoCAD billed at \$20 per hour.

Robotic Total Station billed at \$40 per hour.

Global Positioning System billed at \$60 per hour.















Hourly rate in all years subsequent to February 10, 2026 shall be mutually agreed to by both parties.

Administrative Information

MORRIS COUNTY MUA

Administrative Documents

A. Please submit the following documents with your response to the RFP

Owner's Checkmarks		Bidder's Initials
X	Statement of Ownership Disclosure	
X	Non-Collusion Affidavit	
X	Disclosure of Investment Activities In Iran	
X	Certification of Non-Involvement in Prohibited Activities in Russia or Belarus	
X	Affidavit of Non-Debarred Status	
X	Affirmative Action Compliance Notice	
X	Mandatory EEO Language	
X	Americans with Disability Act of 1990 Form	
X	Anti-Discrimination Requirements	
X	Pay to Play Advisory Notice	
X	Certificate of Employee Information Report/AA-302	
X	W-9	
X	New Jersey Business Registration Certificate	
X	Proposal (document not provided)	

MORRIS COUNTY MUA

Statement of Ownership Disclosure

N.J.S.A. 52:25-24.2 (P.L. 1977, c.33, as amended by P.L. 2016, c.43)

This statement shall be completed, certified to, and included with all bid and proposal submissions. Failure to submit the required information with the bid is cause for automatic rejection of the bid or proposal.

Name of Organization: Richard A. Alaimo Associates

Organization Address: 200 High Street, Mount Holly, NJ 08060

Part I Check the box that represents the type of business organization:

- Sole Proprietorship (skip Parts II and III, execute certification in Part IV)
- Non-Profit Corporation (skip Parts II and III, execute certification in Part IV)
- For-Profit Corporation (any type) Limited Liability Company (LLC)
- Partnership Limited Partnership Limited Liability Partnership (LLP)
- Other (be specific): _____

Part II

- The list below contains the names and addresses of all stockholders in the corporation who own 10 percent or more of its stock, of any class, or of all individual partners in the partnership who own a 10 percent or greater interest therein, or of all members in the limited liability company who own a 10 percent or greater interest therein, as the case may be. **(COMPLETE THE LIST BELOW IN THIS SECTION)**

OR

- No one stockholder in the corporation owns 10 percent or more of its stock, of any class, or no individual partner in the partnership owns a 10 percent or greater interest therein, or no member in the limited liability company owns a 10 percent or greater interest therein, as the case may be. **(SKIP TO PART IV)**

(Please attach additional sheets if more space is needed):

Name of Individual or Business Entity	Address
Richard A. Alaimo	234 High Street, Mount Holly, NJ 08060

MORRIS COUNTY MUA

Statement of Ownership Disclosure

Part III DISCLOSURE OF 10% OR GREATER OWNERSHIP IN THE STOCKHOLDERS, PARTNERS OR LLC MEMBERS LISTED IN PART II

If a bidder has a direct or indirect parent entity which is publicly traded, and any person holds a 10 percent or greater beneficial interest in the publicly traded parent entity as of the last annual federal Security and Exchange Commission (SEC) or foreign equivalent filing, ownership disclosure can be met by providing links to the website(s) containing the last annual filing(s) with the federal Securities and Exchange Commission (or foreign equivalent) that contain the name and address of each person holding a 10% or greater beneficial interest in the publicly traded parent entity, along with the relevant page numbers of the filing(s) that contain the information on each such person. **Attach additional sheets if more space is needed.**

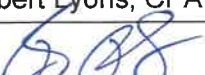
Website (URL) containing the last annual SEC (or foreign equivalent) filing	Page #'s

Please list the names and addresses of each stockholder, partner or member owning a 10 percent or greater interest in any corresponding corporation, partnership and/or limited liability company (LLC) listed in Part II other than for any publicly traded parent entities referenced above. The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, and member exceeding the 10 percent ownership criteria established pursuant to N.J.S.A. 52:25-24.2 has been listed. Attach additional sheets if more space is needed.

Stockholder/Partner/Member and Corresponding Entity Listed in Part II	Address
Richard A. Alaimo	234 High Street, Mount Holly, NJ 08060

Part IV Certification

I, being duly sworn upon my oath, hereby represent that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge: that I am authorized to execute this certification on behalf of the bidder/proposer; that the **Morris County Municipal Utilities Authority** is relying on the information contained herein and that I am under a continuing obligation from the date of this certification through the completion of any contracts with **Morris County Municipal Utilities Authority** to notify the **Morris County Municipal Utilities Authority** in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I am subject to criminal prosecution under the law and that it will constitute a material breach of my agreement(s) with the, permitting the **Morris County Municipal Utilities Authority** to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print):	Robert Lyons, CPA, MAFM	Title:	Chief Financial Officer, Secretary
Signature:		Date:	January 22, 2025

MORRIS COUNTY MUA

Non-Collusion Affidavit

STATE OF NEW JERSEY

MORRIS COUNTY MUNICIPAL UTILITIES AUTHORITY ss:

I certify that I am Chief Financial Officer, Secretary

of the firm of Richard A. Alaimo Associates


the Respondent making this Proposal for the bid or proposal for the above named project, that I executed the said proposal with full authority to do so; that said bidder has not, directly or indirectly entered into any agreement, participated in any collusion in connection with the above named project; and that all statements contained in said proposal and this affidavit are true, correct, and made with full knowledge that the Morris County Municipal Utilities Authority relies upon the truth of the statements contained in said Proposals and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies.

Signature of Representative: 

Subscribed and sworn to before me this 22nd day of January, 2025

Print Name of Affiant: Robert Lyons, CFO, Secretary


Notary Public of New Jersey

My commission expires August 7, 2028

DONNA LYNN BARNETT
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES AUG. 7, 2028

MORRIS COUNTY MUA

Disclosure of Investment Activities in Iran

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that the person or entity, or one of the person or entity's parents, subsidiaries, or affiliates, is not identified on a list created and maintained by the Department of the Treasury as a person or entity engaging in investment activities in Iran. If the Director finds a person or entity to be in violation of the principles which are the subject of this law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the person or entity.

I certify, pursuant to Public Law 2012, c. 25, that the person or entity listed for which I am authorized to bid/renew:

Bidder/Offeror: Richard A. Alaimo Associates

- is not providing goods or services of \$20,000,000 or more in the energy sector of Iran, including a person or entity that provides oil or liquefied natural gas tankers, or products used to construct or maintain pipelines used to transport oil or liquefied natural gas, for the energy sector of Iran; is not a financial institution that extends \$20,000,000 or more in credit to another person or entity, for 45 days or more, if that person or entity will use the credit to provide goods or services in the energy sector in Iran.

In the event that a person or entity is unable to make the above certification because it or one of its parents, subsidiaries, or affiliates has engaged in the above-referenced activities, a detailed, accurate and precise description of the activities must be provided in part 2 below to the Division of Purchase under penalty of perjury. Failure to provide such will result in the proposal being rendered as non-responsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.

PART 2: PLEASE PROVIDE FURTHER INFORMATION RELATED TO INVESTMENT ACTIVITIES IN IRAN

You must provide, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the boxes below.

Name: N/A Relationship to Bidder/Offeror: _____

Description of Activities: None

Duration of Engagement: _____ Anticipated Cessation Date: _____

Bidder/Offeror Contact Name: _____ Contact Phone Number: _____

Certification: I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above-referenced person or entity. I acknowledge that Town/ Township/ Borough/Government Agency is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the MCMUA to notify the MCMUA in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with Morris County Municipal Utilities Authority, New Jersey and that the MCMUA at its option may declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Robert Lyons, CPA, MAFM Signature: 

Title: Chief Financial Officer, Secretary Date: January 22, 2025

MORRIS COUNTY MUA

Certification of Non-Involvement in Prohibited Activities in Russia or Belarus

Pursuant to N.J.S.A. 52:32-60.1, et seq. and N.J.S.A.40A:11-2.2 (L. 2022, c. 3) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a local contracting unit subject to the Local Public Contracts Law for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here: <https://sanctionssearch.ofac.treas.gov/>. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

I, the undersigned, certify that I have read the definition of "Vendor" below, and have reviewed the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, and having done so certify

(Check the Appropriate Box)

A. That the Vendor is not identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus](#).

OR

B. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus](#).

OR

C. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list](#). However, the Vendor is engaged in activity related to Russia and/or Belarus consistent with federal law, regulation, license or exemption. A detailed description of how the Vendor's activity related to Russia and/or Belarus is consistent with federal law is set forth below.

(Attach Additional Sheets If Necessary.)



Signature of Vendor's Authorized Representative
Robert Lyons, Chief Financial Officer, Secretary

Print Name and Title of Vendor's Authorized Representative
Richard A. Alaimo Associates

Vendor's Name
200 High Street

Vendor's Address (Street Address)
Mount Holly, NJ 08060

Vendor's Address (City/State/Zip Code)

Date
January 22, 2025

Vendor's FEIN
22-1824833

Vendor's Phone Number
609-267-8310 x-218

Vendor's Fax Number
609-845-0300

Vendor's Email Address
rlyons@alaimogroup.com

ⁱ Vendor means: (1) A natural person, corporation, company, limited partnership, limited liability partnership, limited liability company, business association, sole proprietorship, joint venture, partnership, society, trust, or any other nongovernmental entity, organization, or group; (2) Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in Section 1701(c)(3) of the International Financial Institutions Act, 22 U.S.C. 262(c)(3); or (3) Any parent, successor, subunit, direct or indirect subsidiary, or any entity under common ownership or control with, any entity described in paragraph (1) or (2).

**CERTIFICATE OF EMPLOYEE INFORMATION REPORT
RENEWAL**

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-MAY-2022** to **15-MAY-2025**

**RICHARD A. ALAIMO ASSO. & AFFILIATED COMPANIE
200 HIGH STREET
MOUNT HOLLY NJ 08060**



Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO
State Treasurer

MORRIS COUNTY MUA

Affirmative Action Compliance Notice

EXHIBIT A

GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS

This form is a summary of the successful vendor's requirement to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

The successful respondent shall submit to the public agency, after notification of award but prior to execution of the contract, one of the following three documents as forms of evidence:

1. Letter of Federal Affirmative Action Plan Approval
2. Certificate of Employee Information Report
3. A photocopy of an Employee Information Report (AA302) provided by the Division and distributed to the public agency to be completed by the vendor in accordance with N.J.A.C. 17:27-4.

The successful vendor(s) must submit the copies of the AA302 Report to the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts (Division). The Public Agency copy is submitted to the public agency, and the vendor copy is retained by the vendor.

The undersigned vendor further understands that his/her proposal shall be rejected as non-responsive if said vendor fails to comply with the requirements of N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27.

Business Name: Richard A. Alaimo Associates

Representative's Name (print): Robert Lyons, CPA, MAFM, Chief Financial Officer, Secretary

Representative's Signature:



Date: January 22, 2025

Phone: 609-267-8310 x-218

MORRIS COUNTY MUA

Mandatory EEO Language

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE

N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)

N.J.A.C. 17:27 et seq.

GOODS, GENERAL SERVICES, AND PROFESSIONAL SERVICES CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

MORRIS COUNTY MUA

Mandatory EEO Language

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval;

Certificate of Employee Information Report; or

Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: http://www.state.nj.us/treasury/contract_compliance).

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq

Business Name: Richard A. Alaimo Associates

Representative's Name (print): Robert Lyons, CPA, MAFM, Chief Financial Officer, Secretary

Representative's Signature:



Date: January 22, 2025

MORRIS COUNTY MUA

Americans with Disabilities Act of 1990 Form

The CONTRACTOR and the OWNER do hereby agree that the provisions of Title 11 of the Americans With Disabilities Act of 1990 (the "ACT") (42 U.S.C. S12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs, and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. In providing any act benefit, or service on behalf of the OWNER pursuant to this contract, the CONTRACTOR agrees that the performance shall be in strict compliance with the Act. In the event that the Contractor, its agents, servants, employees, or subcontractors violate or are alleged to have violated the Act during the performance of this contract, the CONTRACTOR shall defend the OWNER in any action or administrative proceeding commenced pursuant to this Act. The Contractor shall indemnify, protect, and save harmless the OWNER, its agents, servants, and employees from and against any and all suits, claims, losses, demands, or damages, of whatever kind or nature arising out of or claimed to arise out of the alleged violation. The CONTRACTOR shall, at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the OWNER grievance procedure, the CONTRACTOR agrees to abide by any decision of the OWNER which is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the OWNER or if the OWNER must any expense to cure a violation of the ADA which has been brought pursuant to its grievance procedure, the CONTRACTOR shall satisfy and discharge the same at its OWN expense.

The OWNER shall, as soon as practicable after a claim has been made against it, give written notice thereof to the CONTRACTOR along with full and complete particulars of the claim. If any action or administrative proceedings is brought against the OWNER or any of its agents, servants, and employees, the OWNER shall expeditiously forward or have forwarded to the CONTRACTOR every demand, complaint, notice, summons, pleading, or other process received by the OWNER or its representatives.

It is expressly agreed and understood that any approval by the OWNER of the services provided by the CONTRACTOR pursuant to this contract will not relieve the CONTRACTOR of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the OWNER pursuant to this paragraph.

It is further agreed and understood that the OWNER assumes no obligation to indemnify or save harmless the CONTRACTOR, its agents, servants, employees and subcontractors for any claim which may arise out of their performance of this Agreement. Furthermore, the CONTRACTOR expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the CONTRACTOR'S obligations assumed in this Agreement, nor shall they be construed to relieve the CONTRACTOR from any liability, nor preclude the OWNER from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

Furthermore, the contractor expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the contractor's obligations assumed in this Agreement, nor shall they be construed to relieve the contractor from any liability, nor preclude the owner from taking any other actions available to it under any other provisions of the Agreement or otherwise at law.

Business Name (Print): Richard A. Alaimo Associates

Representative's Name (Print): Robert Lyons, CPA, MAFM

Representative's Title: Chief Financial Officer, Secretary

Representative's Signature: 

Phone: 609-267-8310 x-218 **Date:** January 22, 2025

MORRIS COUNTY MUA

New Jersey Anti-Discrimination

Pursuant to N.J.S.A. 10:2-1:

- a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;
- c. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$ 50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract.

Business Name (Print): Richard A. Alaimo Associates

Representative's Name (Print): Robert Lyons, CPA, MAFM

Representative's Title: Chief Financial Officer, Secretary

Representative's Signature: 

Phone: 609-267-8310 x-218 **Date:** January 22, 2025

MORRIS COUNTY MUA

Pay to Play Advisory

PAY TO PLAY ADVISORY **Disclosure Requirement** **(N.J.S.A. 19:44A – 20.27)**

Any business entity that has received \$50,000 or more in contracts from government entities in a calendar year will be required to file an annual disclosure report with ELEC.

The report will include certain contributions and contract information for the current calendar year.

At a minimum, a list of all business entities that file an annual disclosure report will be listed on ELEC's website at www.elec.state.nj.us.

If you have any questions please contact ELEC at:
1-888-313-ELEC (toll free in NJ) or
609-292-8700

An analyst from ELEC's Special Programs Section will assist you.

Initials _____





BUSINESS ENTITY ANNUAL STATEMENT
NEW JERSEY ELECTION LAW ENFORCEMENT COMMISSION
(609) 292-8700 or Toll Free Within NJ 1-888-313-ELEC (3532)
THIS FORM MUST BE ELECTRONICALLY FILED AT:
www.elec.nj.gov

FORM BE

FOR STATE USE ONLY

This statement is required to be filed by a business entity which has received \$50,000 or more in the aggregate during a calendar year through agreements or contracts with a public entity or public entities.

Part 1: General Information

Date of Statement March 22, 2024 Activity for Calendar Year 2023 Check if Amendment

Part 2: Business Entity Information

Business Name Richard A. Alaimo Associates

Business Type Other Business Organization

Address 1 200 High Street

Address 2 _____

City Mount Holly State New Jersey Zip 08060

*(Area Code) Telephone Number (609) 267-8310

ACKNOWLEDGEMENT

I have been authorized by the above named business entity to complete the annual statement, and certify that the statements and/or information contained herein are true. I am aware that if any of the statements or information are willfully false, I may be subject to punishment.

First Name Robert Last Name Lyons

Title/Position CFO Date March 22, 2024

*(Area Code) Telephone Number (609) 267-8310

Check this box to certify the above acknowledgement.

A business entity which has received \$50,000 or more in the aggregate during a calendar year through agreements or contracts with a public entity or public entities, but has made no contributions to candidates or committees, shall file the business entity annual disclosure statement with the Commission to report that no contributions were made during the calendar year.

Check this box if the business entity has not made any reportable contributions during the calendar year.

*Leave this field blank if your telephone number is unlisted. Pursuant to N.J.S.A. 47:1A-1.1, an unlisted telephone number is not a public record and must not be provided on this form.

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

**Give form to the
 requester. Do not
 send to the IRS.**

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1	Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) Richard A. Alaimo Associates		
	2	Business name/disregarded entity name, if different from above.		
	3a	Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor <input checked="" type="checkbox"/> C corporation <input type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) _____	4	Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____
	3b	If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions _____ <input type="checkbox"/>	(Applies to accounts maintained outside the United States.)	
	5	Address (number, street, and apt. or suite no.). See instructions. 200 High Street	Requester's name and address (optional)	
	6	City, state, and ZIP code Mount Holly, NJ 08060		
	7	List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Social security number									
				-			-		
or									
Employer identification number									
2	2	-	1	8	2	4	8	3	3

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person *Robert Lyons* Date **January 1, 2025**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

08/19/04

Taxpayer Identification# 221-824-833/000

Dear Business Representative:

Congratulations! You are now registered with the New Jersey Division of Revenue.

Use the Taxpayer Identification Number listed above on all correspondence with the Divisions of Revenue and Taxation, as well as with the Department of Labor (if the business is subject to unemployment withholdings). Your tax returns and payments will be filed under this number, and you will be able to access information about your account by referencing it.

Additionally, please note that State law requires all contractors and subcontractors with Public agencies to provide proof of their registration with the Division of Revenue. The law also amended Section 92 of the Casino Control Act, which deals with the casino service industry.

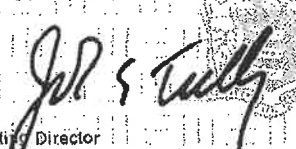
We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

If you have any questions or require more information, feel free to call our Registration Hotline at (609)292-1730.

I wish you continued success in your business endeavors.

Sincerely,


John E. Tully, CPA
Acting Director

STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE		DEPARTMENT OF TREASURY/ DIVISION OF REVENUE PO BOX 252 TRENTON, N.J. 08646-0252
TAXPAYER NAME: RICHARD A. ALAIMO ASSOCIATES	TRADE NAME:	
TAXPAYER IDENTIFICATION#: 221-824-833/000	SEQUENCE NUMBER: 0063978	
ADDRESS: 200 HIGH ST MOUNT HOLLY NJ 08060	ISSUANCE DATE: 08/19/04	
EFFECTIVE DATE: 03/22/67	 Acting Director	
FORM-BRC(08-01)	This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.	

**STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF REVENUE AND ENTERPRISE SERVICES
SHORT FORM STANDING**

**RICHARD A. ALAIMO ASSOCIATES
7518390000**

I, the Treasurer of the State of New Jersey, do hereby certify that the above-named New Jersey Domestic For-Profit Corporation was registered by this office on March 22, 1967.

As of the date of this certificate, said business continues as an active business in good standing in the State of New Jersey, and its Annual Reports are current.

I further certify that the registered agent and office are:

**RICHARD A ALAIMO
200 HIGH ST
MOUNT HOLLY N J, NJ 08060-0000**



*IN TESTIMONY WHEREOF, I have
hereunto set my hand and affixed
my Official Seal at Trenton, this
28th day of December, 2023*

**Elizabeth Maher Muoio
State Treasurer**

Certificate Number : 6149461963

Verify this certificate online at

https://www1.state.nj.us/TYTR_StandingCert/JSP/Verify_Cert.jsp

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

RICHARD A. ALAIMO ASSOCIATES
RICHARD A ALAIMO
200 HIGH STREET
Mount Holly NJ 08060

FOR PRACTICE IN NEW JERSEY AS A(N): Certificate of Authorization
Engineering & Land Surveying

07/26/2024 TO 08/31/2026

VALID

Signature of Licensee/Registrant/Certificate Holder

24GA27988500

LICENSE/REGISTRATION/CERTIFICATION #

ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors
HAS LICENSED

RICHARD A. ALAIMO ASSOCIATES
Certificate of Authorization

Engineering & Land Surveying

07/26/2024 TO 08/31/2026
VALID

24GA27988500

LICENSE/REGISTRATION/CERTIFICATION #

SIGNATURE

ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Prof. Engineers & Land S
P.O. Box 45015
Newark, NJ 07101

PLEASE DETACH HERE

RICHARD A. ALAIMO ASSOCIATES

EXPIRATION DATE 2026

YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 24GA 27988500 . PLEASE USE IT IN ALL
CORRESPONDENCE TO THE DIVISION OF CONSUMER AFFAIRS USE THIS SECTION TO REPORT ADDRESS
CHANGES YOU ARE REQUIRED TO REPORT ANY ADDRESS CHANGES IMMEDIATELY TO THE ADDRESS NOTED
BELOW

Board of Prof. Engineers & Land Surveyors
P.O. Box 45015
Newark, NJ 07101

PRINT YOUR NEW ADDRESS OF RECORD BELOW

YOUR ADDRESS OF RECORD IS THE ADDRESS THAT WILL PRINT ON
YOUR LICENSE/REGISTRATION/CERTIFICATE AND IT MAY BE MADE
AVAILABLE TO THE PUBLIC

HOME

BUSINESS

TELEPHONE
INCLUDE AREA CODE

PRINT YOUR NEW MAILING ADDRESS BELOW.

YOUR MAILING ADDRESS IS THE ADDRESS THAT WILL BE USED BY
THE DIVISION OF CONSUMER AFFAIRS TO SEND YOU ALL
CORRESPONDENCE

HOME

BUSINESS

TELEPHONE
INCLUDE AREA CODE

If the law governing your profession requires the current license/registration/certificate to be displayed, it should be
within reasonable proximity of your original license/registration/certificate at your principal office or place of business.

