

ORIGINAL

Proposal for Professional Services

**Engineering Services -
Water Division**

Prepared for the:

Morris County Municipal Utilities Authority

County of Morris

State of New Jersey

January 28, 2025

200 High Street
Mt. Holly, New Jersey 08060
Telephone: 609-267-8310
Fax: 609-845-0300

201 Willowbrook Blvd
Wayne, New Jersey 07470
Telephone: 973-523-6200
Fax: 973-523-1765
www.alaimogroup.com

Alaimo Group
Consulting Engineers





Richard A. Alaimo Associates

200 High Street, Mt. Holly, New Jersey 08060 Tel: 609-267-8310 Fax: 609-845-0300
201 Willowbrook Blvd, Suite 501, Wayne, NJ 07470 Tel: 973-523-6200 Fax: 973-523-1765

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
Engineering - Water Division
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 to the Water Division and 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. We have a number of qualified lead engineers to service your account.

Richard A. Alaimo Associates is one of few firms specializing in professional engineering, planning designing, permitting, surveying, architectural, and construction phase services to public clients involved in both Water and Wastewater Engineering. Our clients range from municipal utility authorities with less than one million gallons per day of treatment to large wastewater facilities designed to treat 330 million gallons per day. We have designed and managed the construction of well over one-hundred water and wastewater plant upgrades, expansions, or replacements. We have represented some forty water/sewerage authorities throughout the State of New Jersey and take pride in having served many of these clients for more than thirty-five years.

Richard A. Alaimo Associates has some 110 employees, (30) licensed Professional Engineers, (5) licensed Professional Planners, (2) Board Certified Environmental Engineers, (4) Environmental Specialists, (5) Registered Architects, (10) Engineers-in-Training, along with survey and field support staff. Through extensive experience, we understand the dynamics of changing authority demographics and fiscal needs.

Richard A. Alaimo Associates possesses the multiple discipline in-house engineering and support personnel to accommodate the varied needs associated with Water Engineering Services and to provide attendance to any required meetings of the Authority. The Alaimo team has a proven record of experience and the professional qualifications to meet the needs of the Authority in a timely manner. We currently serve the Morris County MUA as a Solid Waste Engineer. In this capacity, we have developed a strong appreciation of the Authority and its infrastructure which will assist us in providing services as the Water Division Engineer.

- 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 both quantitatively and qualitatively to obtain more realistic and publicly acceptable results than a purely technological or economic analysis would provide.

Attached you will find a brief description of the firm, specific experience and qualifications in Water Engineering, client history listing, references, and an employee rate schedule.

We appreciate the opportunity to submit our proposal. 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

TABLE OF CONTENTS

Corporate Overview

- Executive Summary
- Water Qualifications of the Firm

Water Experience

- Water Supply & Distribution
- Potable Water Treatment Facilities
- Well Design/Water Main Design
- Water Storage Tanks
- Pumping Station Projects
- Other Projects of Interest
- Recent Utility Authority Projects

Related Experience

- Buildings/Architecture
- Construction Management/Inspection
- Electrical Engineering Services
- Mechanical Engineering Services
- Structural Engineering Services
- Survey Experience
- Permitting Services
- State of NJ DPMC Prequalification

Individual Qualifications/Clients/References/Awards

- Resumes
- References
- Client History List
- Awards

Employee Rate Schedule

Administrative Information

- Administrative Document Checklist
- Statement of Ownership Disclosure
- Non-Collusion Affidavit
- Disclosure of Investment Activities in Iran
- Certification of Non-Involvement in Russia or Belarus
- Affidavit of Non-Debarred Status
- Affirmative Action Compliance Notice
 - Certificate of Employee Information Report
- Mandatory EEO Language
- Americans with Disabilities Act of 1990 Form
- New Jersey Anti-Discrimination
- Pay to Play Advisory
- Business Entity Annual Statement NJ ELEC Form
- New Jersey Business Registration Certificate
- Certificate of Good Standing
- W-9
- Certificate of Authorization
- Certificate of Insurance

Corporate Overview



Alaimo Group
Consulting Engineers

Executive Summary

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.



*Alaimo Group
Consulting Engineers*

Water

Qualifications of the Firm

Richard A. Alaimo Associates (Alaimo Group) is one of the few firms that specialize in the public sector with extensive experience in the field of water and wastewater engineering. As Consulting engineer to over seventy public entities, we have been responsible for design documents, cost studies, reports, survey, and construction inspection for a broad range of projects, including the upgrading and expansion of existing collection, distribution, and treatment systems as well as new water and wastewater treatment facilities. We have represented some fifty water/wastewater authorities throughout the State of New Jersey and take pride in having served many of these clients for more than thirty years.

Alaimo Group has been responsible for the planning, design, construction management, and inspection for the upgrading of entire potable water systems. These projects range from minor upgrading of existing treatment facilities and the replacement of distribution lines to the construction of new wells, pumping stations, water storage tanks and the interconnection of existing facilities to create a more efficient and reliable system. Our firm has provided feasibility studies, master planning, rate studies, computer modeling and mapping, value engineering, construction management and tank inspection services.

Since the firm began, Alaimo Group has designed and provided construction-phase services for thousands of projects having an aggregate, in-place value estimated at well over \$10 billion dollars. These projects range from a few thousand dollars to tens of millions in construction value, and we recognize that our performance on every one of them influences our selection for the next one. Our construction-phase services are provided by people with knowledge of the realities of construction in the field. Their experience helps us to identify potential problems in the construction process early on and the alternatives available for the client.

Alaimo Group has provided process evaluation services, designed improvements, and supervised the implementation of selected improvements. Upgrade work has ranged from new wells to booster pumps, chemical feed systems, backwash systems, filter repairs and media replacement, and new electrical distribution, control and stand by power systems. In addition to working at treatment plants, our firm has evaluated the presence of volatile organic chemicals in wells and designed and successfully implemented an air stripping process for their removal.

Economic feasibility studies investigating such elements as land use, zoning, population projections, financial structure, and existing potable water facilities have been performed for the Municipal Utilities Authorities of Jackson Township, Old Bridge Township, Evesham Township, Mount Laurel Township, Mount Holly Township, and Willingboro Township, New Jersey, and include the preparation of cost estimates. In a joint venture, Alaimo Group prepared the feasibility study and preliminary design for a \$96 million water diversion project, which was the largest of its kind in New Jersey for the Hackensack Water Company and the North Jersey District Water Supply Commission. An evaluation of the entire potable water system also was performed for the Naval Air Engineer Center at Lakehurst, New Jersey.

Alaimo Group has relevant, recent experience in the procedures needed to obtain funding and manage projects from the New Jersey Infrastructure Bank. The firm has provided professional services to obtain over \$350 million in funding and successfully complete projects for the following towns and agencies:

- Bergen County Utilities Authority
- Burlington County Board of Freeholders
- Cinnaminson Sewerage Authority
- Evesham Municipal Utilities Authority
- Florence Township Water and Sewer Department
- Gloucester County Utilities Authority
- Hainesport Township
- Maple Shade Township
- Mount Holly Municipal Utilities Authority
- Mount Laurel Municipal Utilities Authority
- Old Bridge Municipal Utilities Authority
- Passaic Valley Sewerage Commissioners
- South Brunswick Township Water and Sewer Utilities
- Toms River Municipal Utilities Authority
- Willingboro Municipal Utilities Authority

Virtually every project that Alaimo Group designs for its municipal clients requires the preparation of several permits from regulatory agencies at the County, State and Federal level. In some cases, the complexity of the permit requirements requires levels of manpower effort equal to or exceeding the design services. Alaimo Staff has extensive experience in the preparation of Environmental Assessment, Environmental Health and Impact Studies, Historical and Cultural Studies, compliance and monitoring reports, and dredge disposal plans. Our staff maintains a close working relationship with the New Jersey Department of Transportation, New Jersey Department of Environmental Protection, Office of New Jersey Heritage, U.S. Army Corps of Engineers, United States Environmental Protection Agency, the Delaware River Basin Commission.

Because our clientele is exclusively from the public sector, we have a thorough understanding of the needs of local governments and the constraints imposed on them by laws and regulations which they cannot control; and by the time and funding parameters which dictate which projects can be implemented. The function of the consulting engineer is to develop a project that meets the mandated performance standard(s), is within the budgetary and time guidelines, and one which can be operated in a cost-effective and environmentally sound manner.

Water Experience



Alaimo Group
Consulting Engineers

Water Supply and Distribution Services

Studies and Reports

- Water Resources and River Basin Planning and Development
- Water Management Plans
- Existing System Evaluations, Hydraulic Modeling
- Plant Performance Evaluation
- System Net Worth and Performance Evaluation
- Feasibility Studies – Economic and Technical, Value Engineering
- Environmental Studies and Assessments
- Rate Studies
- Regulatory Permitting and Compliance
- Ordinance Preparation
- Startup, Operation and Maintenance Manuals
- Tank Inspection

Design Services

- Wells, Pumps, and Pumping Stations
- Water Supply Facilities
- Water Treatment Plants
- Water Storage Facilities
- Water Distribution Systems
- Large Diameter Pipelines
- Construction Management Services

Related Services

- Surveying
- GIS Mapping
- Construction Supervision
- Contract Administration
- Permitting
- Federal & State Grant Assistance
- Engineering Graphics
- Expert Testimony



Alaimo Group
Consulting Engineers

Potable Water Treatment Facilities

North Church Street Water Treatment Plant

Moorestown Township

Mr. Thomas Merchel, Former CFO

Phone (856) 466-8425 tmerchel@connerstrong.com

This project involved the construction of a potable water treatment plant for the Township of Moorestown. The new groundwater treatment plant has a capacity of 2.88 MGD and comprises the following components:

- A radium removal system.
- A horizontal pressure filtration system utilizing Greensand Plus.
- An ultraviolet/advanced oxidation system.
- A carbon absorption and filtration system.
- Chemical feed and backwash systems.
- Corrosion control via caustic soda and a corrosion inhibitor.
- A standby power generator.
- A SCADA system.

The Alaimo Group was contracted to provide Planning, Design, Permitting and Construction Phase Services. Construction of this project was completed at a cost of \$18.2 million. Completed in 2020.

Hartford Road Water Treatment Plant

Moorestown Township

Mr. Thomas Merchel, Former CFO

Phone (856) 466-8425 tmerchel@connerstrong.com

This project involved the construction of a new potable water treatment plant for the Township of Moorestown. An existing well building was demolished and replaced with a new building. A new 8 inch water main was installed to deliver water from the well to the new treatment building. The new groundwater treatment plant has a capacity of 2.0 MGD and consists of the following major components:

- Two (2) induced draft aerators.
- Two (2) solids contact clarifiers.
- Two (2) horizontal pressure filters utilizing Greensand Plus.
- Chemical feed and backwash systems.
- Lime treatment for corrosion control.
- Standby generator.
- SCADA system.

The Alaimo Group was contracted to provide Planning, Design, Permitting and Construction Phase Services. Construction of this project was completed at a cost of \$11.3 million. Completed in 2020.

**Elbo Lane Water Treatment Plant
Mount Laurel Municipal Utilities Authority
Ms. Pamela J. Carolan, P.E., Executive Director
Phone (856) 722-5900 x-120 / Fax (856) 866-1092**

The project involved the construction of a new ground water treatment plant to replace two (2) existing ground water treatment plants for the Mount Laurel Township Municipal Utilities Authority (MLTMUA). One existing plant was partially demolished and the two (2) associated wells were modified to pump to the new plant. The other existing plant was entirely demolished except for the well located at the site which was modified to pump to the new plant. New piping was also constructed to transmit the raw water from the wells to the new plant and finished water piping was constructed to distribute the treated water to the system. This project included the installation of approximately 11,000 LF of 10" through 24" ductile iron water main. In conjunction with the plant design, the MLTMUA's water distribution system was hydraulically modeled to determine improvements needed in the distribution as a result of the new supply location. The new ground water treatment plant has a capacity of 5.3 MGD and generally consists of the following major components:

- Two (2) sixty three (63') foot diameter solids contact clarifiers covered with aluminum dome type structures.
- A 19,000 square foot administration/operations building containing offices, lavatory and shower facilities, conference rooms, laboratory and electrical, and instrumentation equipment.
- Two (2) – 100,000 gallon, steel backwash storage tanks with steel covers.
- Submersible type sanitary sewer pumping station.
- Stormwater detention basin and stormwater pumping station.

The Alaimo Group was contracted to provide Planning, Design, Permitting, and Construction Phase Services. Construction of this project was completed at the cost of \$21 million.

Engineering contract: \$2,500,000 from planning through construction.

**Old Bridge Municipal Utilities Authority
Mr. Mike Roy, Executive Director
Phone (732) 566-2534 / Fax (732) 566-5169**

Alaimo Group designed the Browntown Water Treatment Plant, a \$6 million expansion of the Old Bridge Township water system, increasing the capacity from 2.3 MGD to 6.7 MGD by new pressure filters, aerators, chemical feed pumps and chlorinators for iron removal. Alaimo Group was responsible for the permitting, design, and construction management of all the above cited improvements to the Old Bridge water system including additional well capacity and storage facilities.

**Jackson Township Municipal Utilities Authority
David A. Harpell, Executive Director
Phone (732) 928-2222 / Fax (732) 928-5171**

Alaimo Group provided design services, contract administration and construction management for the construction of a new 2.5 MG water treatment plant which utilizes the iron exchange process for the removal of iron. The system includes four iron exchange units, a backwash tank which also serves as a rinse tank, and chemical feed and chlorination system. The system is fully automated and provides station control to all potable water facilities in the area including storage tanks, wells and booster stations. The project construction cost was \$3.5 million dollars.



Alaimo Group
Consulting Engineers

Well Design/Water Main Design

Evesham Municipal Utilities Authority
Mr. Edward T. Waters, Jr.
Phone (856) 983-1878

- Well No. 4: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased Potomac-Raritan-Magothy (PRM) aquifer well. Well depth 450'. Capacity 1,000 GPM.
- Well No. 5: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 550'. Capacity 750 GPM.
- Well No. 6: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 550'. Capacity 750 GPM.
- Well No. 7: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 440'. Capacity 800 GPM.
- Well No. 8: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 435'. Capacity 1,000 GPM.
- Well No. 9: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 470'. Capacity 1,000 GPM.
- Well No. 12: Prepared design plans, specifications, obtained permits and provided construction management services for hydrogeologic testing and installation of double cased PRM aquifer well. Well depth 500'. Capacity 1,000 GPM.
- Well No. 15: Prepared design plans, specifications, obtained permits and provided construction management services for hydrogeologic testing of double cased Wenonah-Mount Laurel (WML) aquifer well. Well depth 500'. Capacity 1,000 GPM.
- Well No. 16: Prepared design plans, specifications, obtained permits and provided construction management services for hydrogeologic testing of single cased WML aquifer well. Well depth 400'. Capacity 350 GPM.
- 12,000 lineal feet, 16 inch "crosstown connection" linking Kings Grant area with the Authority main service area.
- Numerous water main replacements - 8" and 12" lines in excess of 20,000 lineal feet in various township locations.

Florence Township, Mr. David Lebak, Water & Sewer Department
Phone (609) 499-2518 / Fax (609) 499-8043

- Well No. 1: Prepared design plans, specifications, obtained permits and provided construction management services for redrilling of double cased PRM aquifer well. Well depth 120'. Capacity 400 GPM.
- 17,000 lineal feet of water main at various locations in township.
- Installed 21,000 lineal feet of 12" main and 2,400 lineal feet of 8" main as part of system improvement and expansion on US Route 130 and Cedar Lane.

Jackson Municipal Utilities Authority
David A. Harpell, Executive Director
Phone (732) 928-2222 / Fax (732) 928-5171

- Well No. 1: Prepared design plans, specifications, obtained permits and provided construction management services to perform repairs to well, located on Prospect Road.
- Well No. 5: Prepared design plans, specifications, obtained permits and provided construction management services for redevelopment of well located on Aldrich Road. Well depth - 200'.
- Well Nos. 6 and 7: Various contracts. Prepared design plans, specifications, and provided construction management services for redevelopment and repair of wells located at Great Adventure and vicinity. Wells mechanically and chemically cleaned in attempt to increase well capacity.
- Wells No. 8 and 9: Prepared design plans, specifications, obtained permits and provided construction management services to redevelop and repair wells.
- Well No. 10: Prepared design plans, specifications, obtained permits and provided construction management services to repair well.
- Well No. 11: Prepared design plans, specifications, obtained permits and provided construction management services to construct, place in operation and test new well, located on Aldrich Road. Capacity 400 GPM, estimated depth 200'.

Mt. Laurel Municipal Utilities Authority
Ms. Pamela J. Carolan, Executive Director
Phone (856) 722-5900 Ext. 120 / Fax (856) 866-1092

- Well No. 3: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased Potomac-Raritan-Magothy (PRM) aquifer well. Well depth 650'. Capacity 1,250 GPM.
- Well No. 4: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 617'. Capacity 1,250 GPM.
- Well No. 6: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 590', capacity 1,200 GPM.
- Well No. 7: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 644', capacity 1,400 GPM.
- Water main replacements: 8" and 12" lines in excess of 12,000 lineal feet in various township streets.

Totowa Borough, Mr. Joseph Wassel, Borough Clerk
Phone (973) 956-1004 / Fax (973) 956-8414

- Village of Totowa: Provided full design, permitting, and Construction Management Services for construction of 8,000 LF, 12" water main from new booster station to provide service to 200 residential units and Water Storage Tank.
- Roosevelt Avenue and Cooledge Avenue: Provided design and construction services for approximately 800 LF of water main replacement.
- Buellens Avenue Water Storage Tank: Provided design and construction management services for the construction of a 500,000 gallon Water Storage Tank.

Wanaque Borough, Mr. Paul Carelli, Administrator
Phone (973) 839-3000 / Fax (973) 839-4959

- Fox Den Road Well: Prepared design plans, specifications, obtained permits and provided construction management services for hydrogeologic testing and installation of single cased glacial drift aquifer well. Well depth 80'. Capacity 500 GPM.
- Replacement of 6,500 lineal feet of water main as part of Ringwood Avenue Reconstruction.
- Highland Avenue Booster Station: Prepared design plans, specifications, obtained permits and provided construction management services for construction of 750,000 GPD Booster Station.
- Chatham Water Tank: Provided design plans and construction services for refurbishing of 750,000 gallon Storage Tank.

Willingboro Municipal Utilities Authority
Jim Mackie, Executive Director
Phone (609) 877-2900 x-101/ Fax (609) 835-4645

- Well No. 5: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 260', capacity 1,450 GPM.
- Well No. 9: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 300', capacity 1,500 GPM.
- Well No. 10: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 270', capacity 1,500 GPM.
- Well No. 11: Prepared design plans, specifications, obtained permits and provided construction management services for installation of double cased PRM aquifer well. Well depth 260', capacity 1,600 GPM.
- Prepared design plans, specifications and provided construction management services for several contracts for the redevelopment and repair of the above wells.
- Design and construction supervision of Willingboro - Mount Laurel Interconnection, 1.8 miles of 18" main crossing Rancocas Creek, New Jersey Turnpike and US Route 295. 60,000 lineal feet of water main installation to replace asbestos cement pipe.

Bloomfield Township, Paul Lasek, Township Engineer
Phone (973) 680-4009 / Fax (973) 680-0134

- Replacement of 4,000 lineal feet of 6" water main.
- Cleaning and lining of 10,000 lineal feet of 12" water main.



*Alaimo Group
Consulting Engineers*

Water Storage Tank Designs

OWNER & CONTACT	TANK LOCATION	CAPACITY	TANK MANUFACTURER	TYPE	TANK DIAMETER	HEIGHT ABOVE GRADE		HEAD RANGE
						HWL	LWL	
Evesham MUA Edward T. Waters, Jr. (856) 983-1878	Wescott Road Evesham Twp., NJ	1.0 MGD	Natgun	Precast Concrete At Grade	105'	8'	-7.5'	15.5'
Mt Laurel MUA Pamela J. Carolan (856) 722-5900	Ark Road Mt. Laurel Twp., NJ	1.0 MG	Natgun	Precast Concrete At Grade	105'	8'	-7.5'	15.5'
Evesham MUA Edward T. Waters, Jr. (856) 983-1878	Lincoln Drive Evesham Twp., NJ	2.0 MG	PDM	Hydropillar	100'	130'	90'	40'
Mt Laurel MUA Pamela J. Carolan (856) 722-5900	Commerce Parkway Mt. Laurel Twp, NJ	1.0 MG	PDM-Hydrostorage	Hydropillar	74'	113'	73'	40'
Mt Laurel MUA Pamela J. Carolan (856) 722-5900	Masonville- FosterTown Road (County Route 636) Mt Laurel Twp., NJ	0.5 MG	PDM	Hydropillar	50'	156'	118'	38'
Burlington County Commissioners Mary Pat Robbie (856) 642-3850	Burlington County Solid Waste Facility Florence Twp., NJ	0.15 MG	PDM	Hydrosphere	34'	100'	66.5'	33.5'
Evesham MUA Edward T. Waters, Jr. (856) 983-1878	Merchants Way Kings Grant Evesham Twp., NJ	1.5 MG	PDM	Hydropillar	86'	166'	126'	40'
Florence Township David Lebak, W&S (609) 499-2518	Florence-Columbus Road Florence Twp., NJ	1.0 MG	PDM	Hydropillar	74'	119'	79'	40'
Burlington Twp Scott Hatfield, PE (609) 239-5836	Bromley Blvd. Burlington Twp., NJ	2.0 MG	PDM	Hydropillar	100'	104.5'	64.5'	40'



ELMWOOD PARK WATER TANK REPLACEMENT

Gilbert Avenue, Borough of Elmwood Park, NJ



The work of this project consisted of replacement of the ground storage tank, demolish existing tank, design and construct a new 2.2 MG ground storage tank and to maintain the operation of the pumping station located on the project site.

Demolition of the existing tank which are known to have coatings containing lead and chromium, removal of all material containing or suspected to contain lead and/or chromium, complying with any and all State of New Jersey laws and regulations pertaining to lead abatement and disposal, foundation, vault and associated piping and removal from the contract site.

Construction of a concrete ring wall foundation, providing structural fill, sand, installation of inlet/outlet piping.

Design, furnishing and construction of a new ground storage tank, 98 feet in diameter and 39 feet to the overflow installation of all hatches, manholes, ladders, platforms, inlet/outlet piping, overflow pipe and structures. Free standing roof, vent, safety climbing systems, and all other associated equipment. Furnishing and construction of a concrete vault, blow-off piping, drainage system, tank inlet/outlet piping and fittings, and tank sensing lines, Tank Mixing System and a Cathodic Protection System for the newly constructed tank, application of paint and tank coating systems on the interior and exterior surfaces of the tank. Electrical and instrumentation work associated with the installation of the tank and associated facilities. Grading and clean-up of the site; Hot-Mix Asphalt paving in areas where pavement restoration was required.

Project Cost \$2,333,388; Project Start Date January 2018; Project Completion October 2018.





*Alaimo Group
Consulting Engineers*

Pumping Station Project Summaries

Mount Laurel Township Municipal Utilities Authority

Pamela J. Carolan, Executive Director
1201 South Church Street
Mount Laurel, New Jersey 08054
(856) 722-5900 x120

Church Street Booster Rehabilitation

This project included the upgrade of a 1 MGD water booster pumping station. The construction scope of work included the relocation of existing pumps, piping and valves, replacement of existing booster pump motor starters with variable frequency drives, installation of a programmable logic controller for control of pumps and automatic valve control system, replacement of electrical service, replacement of windows, doors, ventilation and heating systems, painting, roofing system replacement, replacement of underground valve vault, and installation of emergency generator. Alaimo Group provided design, permitting, bidding and construction management services for this \$327,000 construction project.

Wanaque Borough

Paul M. Carelli, Borough Administrator
579 Ringwood Avenue
Wanaque, NJ 07465
(973) 839-3000 x-7113

Storms Avenue Booster Station; Emergency Booster Station Replacement

Alaimo Group prepared a hydraulic model of the Borough's distribution system to evaluate options for an interconnection with North Jersey District Water Supply Commission (NJDWSC). An interconnection, booster pumping system and re-chlorination system were designed by Alaimo Group for installation in the NJDWSC Original Treatment Plant. NJDEP required that the Borough provide adequate contact time for disinfection due to the use of treated surface water by NJDWSC. Alaimo Group designed a system of 64-inch diameter detention mains that were installed outside of the treatment plant to meet the requirement. Alaimo Group also provided site inspection and construction management services.

North Jersey District Booster Station – Model Analysis and Engineering

Alaimo Group updated an existing model to analyze the Passaic Valley Water Commission's existing water distribution system to the Borough of Wanaque to ensure adequate water supply and pressure for existing customers and new developments. Water use histories and future demand estimates were modeled and the analysis resulted in locating a skid mounted booster station in the basement of the North Jersey District facility. Design capacity was 2 million gallons and included 520 LF of 64" detention main and 1,600 LF of 12" distribution main. Alaimo Group provided modeling, design, permitting and construction phase services.

Bergen County Utilities Authority

Robert Laux, Executive Director
P.O. Box 9
Little Ferry, NJ 07643
201-807-5801

Harrington Park Pumping Station Upgrade

The project included design, permitting, bidding and construction phase services for upgrades to the Harrington Park Pumping Station. The facility features five 10,900 gpm pumps. Significant electrical work was involved. Improvements included new pump motors and variable speed drivers, level control systems, new emergency generators, mechanical pipe replacements, new roofing, upgraded ventilation, and door replacements. The project was completed and cost \$1,000,000.

Client benefit:

Increased energy efficiency with a corresponding reduction in operating costs. Improved reliability of existing pump control system.



Mount Laurel Township Municipal Utilities Authority

Pamela J. Carolan, Executive Director
1201 South Church Street
Mount Laurel, New Jersey 08054
(856) 722-5900 x120

Centerton Road Booster Pumping Station

The Mount Laurel Township Municipal Utilities Authority (MLTMUA) constructed a booster station on the existing water main interconnection with the Willingboro Municipal Utilities Authority's (WMUA) system. Initially, the quantity of water purchased was dependent on the relative pressure differential between the two systems. In order to purchase water on demand and at flows as required, the MLTMUA constructed a booster pumping station. The station is a prefabricated can type station with four (4) variable speed centrifugal pumps. Each pump is rated at 926 gpm at 47 feet of head. Two (2) pumps are capable of pumping the expected average flow of 2 MGD and three (3) pumps can handle peak flows up to 4 MGD. The station was designed to automatically maintain a set flow point, a set system pressure or to be operated manually. Alaimo Group modeled both authority's water systems to determine the design conditions for the booster pumps, and provided design, permitting, bidding and construction phase services.

Evesham Municipal Utilities Authority

Edward T. Waters, Jr., Chairman
100 Sharp Road
Marlton, New Jersey 08053
(856) 983-1878

Kings Grant Wastewater Treatment Plant Upgrade

Alaimo Group provided facility evaluation, planning, design, permitting, bidding and construction management services to this \$11.2 million construction project that was completed in late 2008. Significant facility improvements were completed including major modification/upgrades to the influent and effluent pumping stations and telemetry. The Authority desired a state-of-the-art solution to replace the telemetry and alarm systems and provide additional monitoring and control capability. As part of the treatment plant improvements, Alaimo designed a Supervisory Control and Data Acquisition (SCADA) System to automate the entire treatment facility. Remote Terminal Units (RTUs) were installed at three (3) locations in the plant. The RTUs monitor and control pumps, process equipment and telemetry devices throughout the plant site and at the remote influent pumping station. The plant RTUs are connected by a local Ethernet network. The influent pumping station RTU communicates with the treatment plant network over a wireless Ethernet radio.

Alaimo Group's construction phase services included: contract administration and project coordination, shop drawing processing and review, inspections, clarification request processing, change order review, testing and start-up services, O & M manual processing, Trust Fund/DEP coordination, and contract close-out.



*Alaimo Group
Consulting Engineers*

Other Projects of Interest

Jackson Township Municipal Utilities Authority

BROOKWOOD SANITARY SEWER COLLECTION AREA - HYDRAULIC MODELING REPORT

Alaimo Group conducted an assessment of hydraulic problems in the North County Line Road as part of the Sanitary Sewer Master Plan. The assessment included development of a hydraulic model that was used to analyze the Brookwood sanitary sewer collection system area. The model was based on GIS data, and as-built and design drawings.

Modeling indicated that additional flow capacity was needed in North County Line Road and Villanova Drive to meet the current flow. This was an important area as it was a direct connection to one of the OCUA interceptors. Also, this interceptor was the force main discharge point for one of the Authority's pumping stations. Modeling also indicated that surcharging is occurring in manholes located in both North County Line Road and Villanova Drive due to the number of sewer segments that do not meet the minimum slope required by NJDEP. This reduced the available flow between County Line Road and the OCUA interceptor.

Improvements were recommended to increase the flow capacity in the collection system in North County Line Road and Villanova Drive. Approximately 4,100 feet of 8-inch to 15-inch pipe were recommended for installation. The proposed improvements included the necessary change in pipe slope to permit full capacity flow to the interceptor.

Client: Jackson Township MUA
Contact: David Harpell, Executive Director
Phone: 732-928-2222

Mount Laurel Township Municipal Utilities Authority

HYDRO POWER STUDY

Mount Laurel Municipal Utilities Authority operates the Hartford Road Water Pollution Control Facility. Treated effluent from the plant is discharged into the Rancocas Creek through approximately 700 feet of forty-two-inch (42") pipeline and 6,600 feet of thirty-inch (30") pipeline.

The flow rate in the pipeline and the difference in elevation between the treatment plant and the creek represent a potential source of energy that could be captured and utilized by the Authority. The purpose of this study was to evaluate the physical, technological, engineering and economic aspects associated with utilization of the potential resource. The study found that the potential exists to recover energy from the flow from the outfall. Recovery of the excess energy is technically feasible using a hydro turbine. The hydraulic energy could be converted to electrical power and transmitted to nearby Authority facilities for use.

Other Projects of Interest (Continued)

It was determined that significant capital expense would be necessary to construct a facility to house the turbine and related equipment, and to modify the existing outfall piping. There were also numerous permitting and environmental issues. Based on the project cost analysis alone, it was recommended that the Authority not pursue this project unless significant cost savings or incentives can be obtained.

Client: Mount Laurel Township MUA
Contact: Pamela J. Carolan, P.E., Executive Director
Phone: 856-722-5900 x120

Old Bridge Municipal Utilities Authority

CEDAR RIDGE FORCE MAIN STUDY

The purpose of this study was to create a hydraulic model to simulate the impact of connecting the Cedar Ridge pumping station to the force main for the Cherry Creek station. Data was collected on four existing pumping stations and force mains affected by the relocation of the Cedar Ridge station force main.

Alaimo Group collected pump curves for the four sets of pumps, wet well dimensions, level control settings, average and peak flows for each station. Using Sewer CAD modeling software for sewer systems, an existing network of three stations was created to obtain a baseline. The Cedar Ridge station was added to simulate the effect of adding a fourth station and the force main options on the system.

Alaimo Group prepared a report of the modeling effort, the results of the runs under different field conditions and recommendations for the proposed connection to the Yardley Manor force main which connects to the Cherry Creek force main.

Client: Old Bridge Municipal Utilities Authority
Contact: Guy J. Donatelli, Executive Director
Phone: 732-566-2534

Township of South Brunswick

EDLY'S LANE FORCE MAIN REHABILITATION

The Township of South Brunswick operates a twenty-four-inch sanitary sewer force main from the Edly's Lane Pumping Station in North Brunswick to the Middlesex County Utilities Authority metering chamber in New Brunswick. The existing force main is 24,800 feet in length and is constructed from asbestos cement pipe. Pipe failures occurred in the last few years and prompted action. It was determined that a Cured-in-Place Pipeline (CIPP) lining of the existing main as the preferred option.

Due to the length of the force main, rehabilitation was divided into three phases. The first phase consists of lining 10,300 feet of force main between the southern Milltown Township border to Ryders Lane in North Brunswick. The second phase involved 2,200 feet of force main between

Other Projects of Interest (Continued)

Route 18 and the MCUA interceptor in New Brunswick. The third phase consists of 12,300 feet of force main between the Edly's Lane pumping station in North Brunswick to the Milltown border and 12,300 feet of force main from Ryders Lane to Route 18.

A CIPP product is proposed that creates a structural liner inside the asbestos cement pipe. In order to install the liner, it will be necessary to construct a bypass line from the between the end points to the proposed end point. The bypass pipe will need to be installed by the jack-and-bore at the Conrail railroad line and by directional drilling method at road crossings and at highway ramps.

Phase two of the force main lining has already been installed due to very recent pipeline failures. Phase one is currently under construction. Phase three is under design. The total construction cost for Phase one is \$6,300,000. The cost for Phase two was \$2,000,000. The estimated construction cost for Phase three is \$13,600,000.

SEWER MASTER PLAN

The Township of South Brunswick owns and operates a wastewater collection system comprised of interceptors, collection mains, pumping stations and force mains. Alaimo Group prepared a Sewer Master Plan that evaluated the potential for current and future development, reviewed the sewer system infrastructure and recommended improvements for the future.

The South Brunswick Township sewer system consists of approximately two hundred miles of collection mains, six (6) major interceptors and seventeen (17) pumping stations. Four of the interceptors, Route 130, Oakeys Brook, Lawrence Brook and Town Center are tributary to MCUA. The other two, Kingston and Ridge Road are tributary to Stony Brook.

The collection system delivers raw wastewater to two regional Authorities for treatment and ultimate disposal. Wastewater is sent to the Stony Brook Regional Sewerage Authority and Middlesex County Utilities Authority (MCUA).

Flow projections were developed to assess capacity in future years. Future flow was based primarily on development activity and affordable housing that was approved or is currently before the planning board.

The condition of the pumping stations was evaluated as part of this study. The stations were generally in satisfactory condition and capacity is adequate at most of the stations, except for four that are prone to surcharging during heavy rainfall periods. The sub-basins served by two stations are a source of Infiltration and Inflow (I&I) during wet weather. Surcharging at two stations is caused by upstream I&I.

Seventeen (17) projects were recommended to address issues in the system. The sum of the recommendations was \$64 million dollars.

Client: Township of South Brunswick
Contact: Brian Bidlack, Manager, Director of Planning
Phone: 732-329-4000 Ext. 7301



Recent Utility Authority Projects

1.1 Owner

Bergen County Utilities Authority

P.O. Box 9, Little Ferry, NJ 07643

Description of Work

- A. **Cross Trough and Weir Plates Replacement**, Angle Steel Brackets, Supports, etc. for Final Settling Tanks 1-8; Repair and Replace malfunctioning rotating scum skimmers, sluice gates; and repair structural cracks and spalling in walkways, walls and floor slab of Final Settling Tanks 1-8. Project was completed in 2019.

Contract Amount \$930,000 Estimated Construction Cost

B. **Roof Replacement** - 3 Buildings

Alaimo Group completed the Final Design Phase for Roof Replacements to the Switchgear Building, the Bar Screen Building, and the Administration Building.

Contract Amount Estimated Construction Cost for All Three Buildings: \$953,756

C. **Design of the Edgewater Force Main Project**

Alaimo Group provided Engineering, Design, Easements, ROW and Permitting services in support of the BCUA's staged Force Main Construction Project. This project commenced in 2014 and was completed in 2018. Force Main Construction was scheduled from 2016 - 2018.

Contract Amount \$19,200,000

Contact Person: Robert Laux, Executive Director - (201) 807-5801

1.2 Owner

Mount Holly Municipal Utilities Authority

37 Washington Street, Mount Holly, NJ 08060

Description of Work

A. **Turbo Blower Replacement**

Alaimo Group completed the Design, Specifications and Bidding Services for the above project; and subsequently provided Construction Phase services.

Contract Amount \$272,900, Construction Completion 2019.

B. **Belt Filter Press Installation**

Alaimo Group provided Design, Specifications, Bidding and Construction Phase Services for the relocation and installment of two (2) Belt Filter Presses and associated building improvements.

Contract Amount \$384,489, Construction Completion 2017

Utility Authority Experience (Continued)

C. Garden Street Pumping Station Upgrade

Alaimo Group completed the Preliminary Facility Layout and Report that included a Concept Site Plan relative to the site planned new buildings, pumps, wet well equipment, HVAC and Electrical needs.

Contract Amount \$1,554,600 Estimated Construction Cost

Contact Person: Richard DiFolco, Chairman - (609) 267-0015

1.3 Owner

Evesham Municipal Utilities Authority

100 Sharp Road, Marlton, NJ 08053

Description of Work

A. Elmwood and Woodstream WWTP In-Plant SCADA Systems

Alaimo Group provided Planning, Design, Permitting, Bidding, NJEIT Funding Assistance and Construction Phase Services for the SCADA systems at both Wastewater Plants. **Contract Amount** \$1,154,374

B. ASR Well Treatment Improvements

Alaimo Group provided planning, permitting, design, NJEIT processing, bid phase and construction phase services to this project. The project comprised the installation of a treatment system to remove iron withdrawn from the Mount Laurel Aquifer before its injection into the PRM Aquifer.

Contract Amount \$1,885,000 Total Project Costs, Completed 2017

C. UV Disinfection System Upgrade

Alaimo Group is providing consulting engineering services in support of the subject upgrade at the Authority's Elmwood Road WPCF. Design, Permitting and Construction Phase Services are being provided by Alaimo Group's multi-disciplined project.

Contract Amount Estimated Construction Cost: \$900,000

Contact Person: Edward T. Waters, Jr., Chairman - (856) 983-1878

1.4 Owner

Florence Township

711 Broad Street, Florence, NJ 08518

Description of Work

A. Water Treatment Plant Phase 1

The addition to the plant included the pump building, clearwell and electrical controls. The scope included replacing the aerator, underground piping and all related items at site. The building was designed to provide future expansion to house new chemical feed system and controls.

Contract Amount \$3,100,000, Completed 2018

Utility Authority Experience (Continued)

B. Water Treatment Plant Phase 2

Installation of Phase 2 of WTP expansion. The expansion will include a building addition to house chemical feed systems for polyphosphate, sodium hydroxide, and sodium hypochlorite. The building expansion shall also include an electrical room. All pump controls for the WTP will be relocated to the new electrical room.

Contract Amount \$2,319,514, Construction completion November 2021

Contact Person: David Lebak, Water & Sewer - (609) 499-2518

1.5 Owner

Mount Laurel Township Municipal Utilities Authority

1201 South Church Street, Mount Laurel, NJ 08054

Description of Work

A. **Hartford Road WPCF Orbal Aerator Repairs.** The project includes draining Cell No. 2 in order to complete concrete repairs and remove debris and the preparation of plans and specifications for the repair of broken discs and hoods on some of the aerators on the Orbal tank. The project is through the NJWB financing.

Contract Amount \$913,000, Completed, May 2023

B. **Well 3 Redevelopment.** The project included the redevelopment of Well No. 3, including removal and rehabilitation of the existing pump and well piping that was installed and supplied by the Authority.

Contract Amount \$128,500, Completed, June 2023

C. **Upgrade to both Atrium and Hooton Pump Stations.** Included in the upgrades are replacement of the pumps, controls, electrical facilities, flow meter chamber and building improvements. Site improvements are also part of the upgrades including paving and fencing. The project is through the NJWB financing.

Contract Amount \$1,200,000, Scheduled for Completion, April 2023

D. **Hartford Road WPCF and Elbo Lane WTP SCADA System Improvements**
Alaimo Group provided Design through Construction Phase Services for two (2) SCADA projects which were bid as one contract. Construction is complete, as is punch list work and the required close out documents.

Contract Amount \$688,705 Construction, Completion 2017

E. Country Lane Sanitary Sewer and Force Main

Alaimo Group has provided survey, design, bid and construction phase services to this project. An undersized forcemain is being replaced and a new water main is being constructed in Country Lane.

Contract Amount \$100,000 Engineering, \$550,764 Construction. Completed 2016

Utility Authority Experience (Continued)

F. UV Disinfection System Upgrade

Alaimo Group provided consulting engineering services in support of the subject upgrade at the Authority's Hartford Road WPCF. Design, Permitting and Construction Phase Services were provided by Alaimo's multi-disciplined project team.

Contract Amount \$696,341 Construction Completed.

Contact Person: Pamela Carolan, Executive Director - (856) 722-5900 x 120

1.6 Owner

Willingboro Municipal Utilities Authority

433 John F. Kennedy Way, Willingboro, NJ 08046

Description of Work

A. Well 5A Radium Removal Treatment Plant

Multi-disciplined A/E Renovation/Upgrade project that included selective demolition of existing equipment; and, the furnishing and installation of radium treatment system; construction of unit masonry pressure vessel building; installation of a precast concrete chemical feed and storage building; installation of chemical feed and handling equipment; structural repairs, architectural, HVAC, electrical, and plumbing improvements to the existing buildings; redevelopment of the existing well and well pump, booster pump, and control valve replacements; installation on natural gas fueled generator, transfer switch, and enclosure; and, upgrades to the existing control and instrumentation system.

Entire Project Amount \$4,000,000, Completed 2017

B. Well 5A PFOS Treatment System Upgrade. Plant upgrade to remove PFOS contamination from raw water supply.

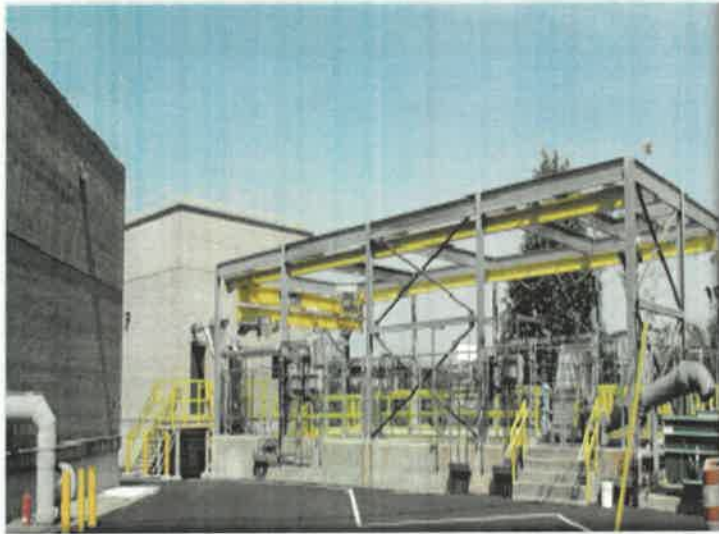
C. Project Amount \$ 5,267,000

Contact Person: James Mackie, P.E., Executive Director - (609) 877-2900



Township of Woodbridge, Middlesex County, New Jersey

SEGMENT 2 – GRIT CHAMBER UPGRADE WOODBRIDGE AVENUE PUMPING STATION



The Woodbridge Avenue Pumping Station, (Dry Weather 10.36 MGD Flow, 30 MGD Peak Wet Weather Flow) located in Sewaren, was upgraded as part of the Grit Chamber Rehabilitation Project (2017 – 2019) which included modifications to the existing Grit Chamber, a new Grit Collection Building, and modifications to the Pumping Station Building Lower Screen Room.

The Grit Chamber Rehabilitation Project included upgrades to various components of the existing Grit Chamber and consist of:

- a) New Grit Screw Conveyor Systems; one for each side of the Grit Chamber Channel.
- b) New Submersible Type Grit Pumps.
- c) New Grit Classifier/Washer Equipment to be housed in New Grit Collection Building with canopy.
- d) Slide Gate Valve Replacements, both within the Grit Chamber and in the Pumping Station Lower Screen Room with New Hydraulic Actuators.
- e) New Aeration System.
- f) New Hydraulic Tee-Screens; one for each side of the Grit Chamber Channel including Conveyor and Wash Press for screenings.
- g) Site Work and ancillary miscellaneous modifications.
- h) New Traveling Hoist and Monorail System using existing support steel with other structural modifications.
- i) New Grit Chamber covers to contain odors.
- j) New FRP access platform and stairs for operations and maintenance for the new Grit Chamber covers, grit screw conveyors, slide gate valves, aeration system piping and diffusers, and vertical screens.
- k) The 42-inch RCP inlet line to, and the 42-inch RCP bypass around the Grit Chamber was slip lined using 36-inch FRP pipe. This length was approximately 200 feet and required bypass pumping.

Design was completed in January 2017 with construction finishing in April 2019. The estimated total project cost (including construction, engineering, contingency) for the installation of the above items is listed below.

Construction Cost \$ 8,378,314.00; Engineering Cost \$ 1,737,046.00; Total Project Cost \$10,115,360.00

Contact:

Michael Gelin, P.E., Municipal Engineer
Phone: 732-602-6047 x4700
Michael.Gelin@twp.woodbridge.nj.us



Willingboro Municipal Utilities Authority
WPCP Screening and Grit Removal Equipment Upgrade

The Willingboro Municipal Utilities Authority (WMUA) had experienced difficulties at their Water Pollution Control Plant (WPCP) in removing grit and debris from process equipment and downstream piping on a continual basis. This has led to costly maintenance and repair work to keep downstream treatment processes functional and operating at permit discharge limits. The plant is designed to operate at a flow rate of 13.05 million gallons per day (MGD), based on an average flow rate of 5.22 MGD.

In 2020, the WPCP was upgraded to including the following modifications:

- a) Installation of new mechanical bar screens with screenings washer/compactor, discharge ducting and screenings dumpster.
- b) Installation of two (2) vortex grit removal systems, including vortex tanks, grit classifier, piping, concrete pad and dumpster.
- c) Installation of (2) new dry pit submersible pumps and associated control panel.
- d) Selective demolition of comminutor, bypass manual screens, gates, raw sewage pumps, controls and associated instrumentation.
- e) Removal of existing grit, screenings and sludge within the primary wet well.
- f) Modification of wet well equipment platforms.
- g) Installation of new gates within the primary wet well.
- h) Installation of two (2) new manual bypass screens.
- i) Installation of wet well emergency hatch with portable hoist.
- j) Installation of canopy over mechanical barscreen.
- k) Installation of new 24" diameter ductile iron piping, extending existing force main to and from the vortex grit removal system.
- l) Construction of new access and pavement to screenings dumpster and grit dumpsters; relocation of existing light pole; relocation of existing fire hydrant.

Design was completed in May, 2020 with construction finishing in December, 2021. The estimated total project cost (including construction, engineering, contingency, construction management, and fees) for the installation of the above items is listed below.

Construction Cost	\$6,666,000.00
Engineering, Construction Management, Fees Cost	<u>\$1,559,280.00</u>
TOTAL PROJECT COST	\$8,225,280.00

Berkeley Township SA Bayview Avenue Force Main Replacement

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: Berkeley Township SA receives \$3,023,414 in Water Bank loans saving ratepayers approximately \$1,086,801.

Berkeley Township SA ("Authority") recently completed improvements to one of its pumping stations that are being financed with approximately \$3 million in loans from the NJ Water Bank, a low-rate funding program jointly administered by the DEP and the NJ I-Bank. Including interest cost savings, total savings for this project is estimated to be \$1,086,801 over the 30-year term of the loan or 34% of the total project cost. In addition, this project created an estimated 36 direct, one-year construction jobs.



Belaire sanitary sewage pumping station #2 was constructed circa 1968. The force main, an essential component of the wastewater conveyance system, was compromised, resulting in emergency repairs that were disrupting service and threatening the public's health, safety, and welfare. To alleviate these issues, the Authority installed a new ten-inch force main within the existing right-of-way located near the existing force main line.

Manholes for air release valves were also included. This project eliminated the continuing need for emergency repairs due to force main failure, and simultaneously improved the water quality of Barnegat Bay by reducing the number of breaks and sewage overflows.

Carmen F. Amato, Jr., Mayor of Berkeley Township stressed the need for the project. "We are dedicated to the health of our beaches and the bay. This project eliminated service disruptions, improved water quality, and helped to prevent negative impacts to shellfish beds. Our community benefits from the results of the project and the price tag. Financing these improvements through the Water Bank will save our ratepayers in the long run while they enjoy clean beaches and a beautiful bay."

This project was designed by the Alaimo Group and constructed by Montana Construction Corp., Inc.

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

Related Experience



*Alaimo Group
Consulting Engineers*

Buildings / Architecture

Richard A. Alaimo Associates (Alaimo Group) formed Tri-State Architects, a Professional Services Corporation to complement the civil, structural, mechanical, and electrical engineering departments and complete the ability of Alaimo Group to provide a comprehensive range of building design services. Tri-State building projects have ranged from minor renovations and repairs to the design and construction management of major new multi-million dollar facilities. Tri-State's Lead Architect has considerable experience in the Building industry and is AIA, LEED Certified and a Registered Architect in the State of New Jersey with extensive AutoCAD experience along with other software program skills. Tri-State's programming, planning, design and construction phases assure the owner full participation in the design and construction process.

Project Experience

School Renovations

School Renovations have been designed and the construction managed for the following Boards of Education: Atlantic City, Mount Holly, Voorhees, New Hanover, Eastampton, Willingboro, Delran, Burlington County Special Services School District and Essex County Vocational & Technical Schools.

College renovations included Rutgers University and Passaic County Community College. Projects have ranged from the conversion of a large classroom into a Day Care Center to the conversion of a turn of the century building in Camden into the Rutgers Interim Law Library. Projects have included modernization of schools to meet current code requirements such as ADA as well extending the building life expectancy by re-roofing, adding new doors and windows, renovating ceilings, walls, floors and asbestos abatement, as well as upgrading electrical, lighting and HVAC. Projects have ranged from less than \$20,000 to multi-million dollars.

Municipal Buildings

Projects have ranged from minor renovations of existing facilities for current code compliance to major renovations extending the useful life of the facilities, to brand new facilities. Township buildings in Ewing, Maple Shade, Bloomingdale, Hainesport, Tabernacle and Westampton had previously undergone significant modifications to bring them up to current codes and allow handicapped accessibility. New facilities were designed and construction managed for Mount Laurel Township and the Jackson Township MUA and an expansion was done to the Willingboro MUA building. A majority of these projects included replacement or upgrades of HVAC and electrical systems. Projects have ranged from \$30,000 to multi-million dollars.

Senior Citizen Centers

A Senior Citizen Building in Hainesport Township was renovated to allow full handicapped access. In the City of Bordentown an addition was added to the existing community center to serve as a Senior Citizen Center. A 21,000 square foot addition allowed for a new banquet facility and elevator to accommodate senior citizens in Evesham Township; and Memorial Hall in the City of Burlington was renovated and expanded by a Three Level Wheelchair Lift that provides much needed ADA access for its patrons, senior citizens and veterans. All buildings were renovated to meet current ADA and building code requirements. Projects ranged from \$50,000 to \$1,300,000.

Golf Course Clubhouses

Projects have included the privately owned Deerwood Country Club as well as publicly owned Mercer Oaks Golf Course clubhouses. These clubhouses include full banquet facilities, Pro-shops, locker rooms, full kitchens, and bar and grill rooms. Projects have ranged from less than \$1 million to more than \$3 million.

Garage Buildings

Projects included garages for the Townships of Morristown, Maple Shade, Riverside, Mount Laurel, Moorestown, Medford, Mount Holly, Florence, and Morristown; and Mercer Oaks and Deerwood golf courses. Garages feature office areas, break rooms, operation/shop areas, storage areas and infrared heating systems. Projects have ranged from \$300,000 to over \$2,000,000.

Public Park Pavilions

Projects included support facilities for major parks including restrooms, concession stands, gazebos, bandshells, and covered picnic areas for the Townships of Evesham, Mount Laurel, Edgewater Park, Mount Holly, East Rutherford, Burlington, Dumont, Linden, Bordentown City, South Brunswick, Haledon, and Woodland Park.

Fire House & Police Building Renovations

Projects have ranged from the repairs and renovations of existing firehouses to converting and updating buildings to be used by Police Departments. For the Wanaque fire department an exterior insulation and finish system (EIFS) system was chosen to enhance the appearance. Structural modifications were designed to allow replacement of two separate fire truck doors with a single larger door which increased the range of vehicles that the fire department can house. For the Fire Department in Medford Township and the Police Departments of Bloomingdale Borough, Stafford Township and Eastampton Township buildings were renovated and modernized. Project costs ranged from \$90,000 to \$2,500,000.

Industrial Buildings

Projects have ranged from small pump stations to a material recycling facility. Support buildings have been designed and constructed for treatment plants, landfills and transfer stations. Clients include the Municipal authorities of Mt. Laurel, Evesham, Cinnaminson, Willingboro, Riverside, Delran and Evesham, the Townships of Maple Shade and Florence, the Counties of Burlington, Gloucester, Union, Bergen, Passaic, Middlesex and Mercer. Each of these projects included full design of HVAC systems for the buildings. Jobs have ranged from less than \$100,000 to multi-million-dollar projects.

Wastewater Treatment Plant Administration Buildings

Administration buildings have been designed and/or expanded and the construction managed for the Treatment Plants owned and operated by the Municipal Authorities of Mt. Laurel, Evesham, Mount Holly, Cinnaminson, Delran, Riverside, Willingboro and Evesham, as well as the Townships of Florence and Maple Shade. Project costs have ranged from approximately \$300,000 to well more than a million dollars.

Roof Replacements

Projects have ranged from complete roof tear offs and replacements for municipal buildings in the Townships of Mt. Laurel, Mount Holly, Willingboro and the Boroughs of Pompton Lakes and Wanaque. Replacement roofs have been designed and constructed for built up, modified bituminous and EPDM roofs. One project involved the design and construction of a new metal "A" frame roof added to replace a problematic flat roof. All work was done in conformance with the New Jersey Uniform Construction Code's Rehabilitation Subcode. Projects have ranged from \$40,000 to over \$2,700,000.

Masonry Repairs

Projects have ranged from repointing of historic structures to completely rebuilding inadequately constructed walls. Design services involved the inspection of existing conditions, correction methods for all defective construction found as well as increasing methods to correct moisture penetration. All work was done in conformance with the New Jersey Uniform Construction Code's Rehabilitation Subcode. Projects have ranged from \$60,000 to over \$400,000.

Building Additions

Projects have ranged from additions to industrial warehouse type structures to laboratory and administration type building additions and clubhouse and municipal building additions. Design services included evaluating the existing handicap accessibility, building code compliance, utility requirements, and the corresponding required upgrades. All work was done in conformance with the New Jersey Uniform Construction Code's Rehabilitation Subcode. Projects have ranged from \$60,000 to over \$2,000,000.

Renovations

Projects have ranged from renovating and upgrading existing locker room and bathing facility to allow handicap accessibility, secure entrance ways, improve circulation, optimize existing space, provide required improvements in finishes to the raising of an existing roof to allow room for a vehicle lift to be installed and, interior improvements that included two restrooms. All work was done in conformance with the New Jersey Uniform Construction Code's Rehabilitation Subcode. Projects have ranged from \$40,000 to well over \$1,000,000.

Handicap Accessibility

Projects have included the inspection of existing facility, and the corresponding corrective action required such as the addition of ramps and handrails, modifications to existing bathrooms, addition of elevators, replacing doors, modifying working spaces, and ADA compliancy. All work was done in conformance with the New Jersey Barrier free Subcode as well as ANSI/CABO 117.1 and the federal ADA requirements. All work was done in conformance with the New Jersey Uniform Construction Code's Rehabilitation Subcode. Projects have ranged from \$30,000 to over \$600,000.

ALAIMO GROUP/TRI-STATE ARCHITECTS

OCEAN COUNTY UTILITIES AUTHORITY OCEAN COUNTY, NEW JERSEY

Project Components

SERVICES PROVIDED:

Architectural Design
Structural and Electrical
Engineering
Construction Drawings
and Specifications

IMPROVEMENTS:

Renovation of existing
Building Entrance

CONSTRUCTION COST:

\$350,000.00

COMPLETION:

June 2020

Client:

**Ocean County Utilities
Authority**

Contact:

Keith Marcoon, Executive Director
732-269-4500

Administration Building Main Entrance Renovations



The renovation of the existing Main Entrance to the Administration building was undertaken to address a combination of items consisting of the deterioration of the existing stone pavement and lack of an Accessible Route from the Parking Area into the building. The design vision of the Authority was a concept that would contrast with the rectilinear features of the existing building.

The Alaimo Group/Tri-State Architects project scope focused on the repair and restoration aspects of the Main Entrance while correcting the ADA compliance issues. The work included a new entrance canopy, accessible ramps and steps, and concrete walks.



*Alaimo Group
Consulting Engineers*

Construction Management/Inspection

Over the past fifty-seven years Richard A. Alaimo Associates (Alaimo Group) has provided construction-phase services to more than eighty clients representing governmental bodies at the municipal, county, state and federal levels. These services were performed in conjunction with our design projects, and as independent consultants during the building phase of a project designed by others.

The key element in providing these services for governmental agencies, our sole source of business, is the need of these agencies to control costs of construction, stay within budget, meet the time constraints and the accomplish these goals/requirements without sacrificing the quality of workmanship or the conformance of the finished project to the construction documents.

It is the function of the professional services firm providing these services to be the eyes and ears of the client on the job site. Frequent, informal communication between the client's representative and the resident engineer and his field services representatives is essential to the thorough understanding of the client's wants, needs, objectives and their capacity to fund and construct the project. This informal communication must, of necessity, be reflected in the discussion-making process by the client, which provides the guidance to the resident engineer and the corresponding field representatives.

The personnel of Alaimo Group offer experience, technical qualifications and time with the firm which reflects our stability and continuity of personnel. The firm presently has some 110 employees and many of our personnel have been with us for well over twenty-five years, and a significant number for more than ten years. This solidity of personnel contributes to our team approach to construction services, and ultimately, benefits the client.

Since the firm began, Alaimo Group has designed and provided construction-phase services for thousands of projects having an aggregate, in-place value estimated at well over \$12 billion dollars. These projects range from a few thousand dollars to tens of millions in construction value, and we recognize that our performance on every one of them influences our selection for the next one. Our construction-phase services are provided by people with knowledge of the realities of construction in the field. Their experience helps us to identify potential problems early in the construction process, and the corresponding alternatives available for the client. The key to the "eyes and ears" approach is bringing control of the project to the client.

In those situations, in which two or more independent contractors are working on-site, the need for effective construction management is critical, especially if their work areas overlap in time or space. The construction manager must work closely with the contractors, provide the professional analysis of their project schedules, assess the areas of impacts and interference, and resolve those areas of controversy before the job is adversely affected. Again, the knowledge and experience of the construction manager of the methods and procedures of construction; the time and materials needed to accomplish key phases of construction, and the time required to obtain supplies, materials and equipment all contribute to the smooth, effective management of the project.

By using our services as the construction manager, the client gains the ability to have multiple projects underway simultaneously. Alaimo personnel work as the client's representatives to develop and implement the project strategy, and to deliver the finished job on time, and on budget. We are on the job to advise the client and the design engineer of the implications of construction techniques and technology.

During the time of construction, Alaimo's field services representatives provide daily site reports which describe the weather, site conditions, personnel and equipment working, work accomplished, visitors and, importantly, observed problems or potential problems. Frequently, our field services personnel can resolve issues by applying their experience and insight at the time the matter arises, thereby, reducing the need for claims, change orders or delays.

Every two weeks, the resident engineer will prepare a summary of the past two week's activities and identify the trends and major issues related to the project. Monthly, the resident engineer will report on the progress of construction, summarize the costs incurred; advise the client of the status of any claims, changes or delays on the job, compare the contractor's actual progress to their forecasted progress, identify corrective measures to be accomplished by the contractor to regain their schedule, and to identify key issues for the client.

Effective schedule control is a primary matter for the resident engineer. He must critically evaluate the contractor's CPM and bar-chart submissions, which provide the universally accepted depictions of the construction process. The resident engineer constantly monitors, updates and enforces the schedules developed by the contractor, interpreted by the resident engineer, and agreed to by the client. As in all aspects of construction management, the scheduling of the job is integrally tied to effective communication of the client's objectives by the resident engineer to the construction contractor.

The resident engineer is also responsible for the receipt and processing of all submittals by the construction contractor. The prompt processing of submittals and feedback to the contractor of the acceptance or rejection of his submittals is of paramount importance in keeping the contractor on schedule and the client free of claims for delays. Submittals for long-lead time items should be required early on, to ensure the delivery to the project site without disrupting the construction schedule. The resident engineer must also ensure that submittals include all necessary purchase orders, quotes, drawings, manufacturing, and shipping schedules which may cause impact to the job.

Budgeting is a significant concern for all public sector clients. It is a service to the client to identify "low-ball" budget items, and to make the forecasted numbers as accurate as possible, even before the onset of construction. The resident engineer must be alert to the seemingly low-dollar add-ons and variations from the construction documents which can, in the aggregate, add substantially to the client's cost. Consistency and attention to detail in the cost-accounting process is essential to effective cost control.

The final aspect of Alaimo's construction-management services is what is commonly called "Value Engineering". Regardless of the term used, it is a systematic, practical, pragmatic approach to the project, and a real-world evaluation of the scheme of the design and the materials and techniques to be employed in the construction of the project. To be effective, Value Engineering must rely on the adequacy of the technical design, the competence of the people reviewing the design for critical cost items, and the field-gained knowledge of the resident engineer and their field services personnel to save time and money on the job. This is an ongoing process and is essential to our field services operations.

In summary, construction management and resident field services are not a new concept. The long-term success and growth of Alaimo Group has largely been due to our capability to design and manage the construction of a wide range of public works projects: highways; roads; bridges; water and wastewater plants; underground utilities; drainage systems; buildings for public use; and recreational, environmental, and special use facilities. Alaimo Group is proud of its accomplishments since its founding in 1967, and we look forward to the continued opportunity to serve our clients with our construction-phase services.



Alaimo Group
Consulting Engineers

Electrical Engineering Services

As a multi-disciplined firm, the electrical department provides engineering and design services for all departments within Richard A. Alaimo Associates (Alaimo Group) including the water and sewer department, the architectural department, the highway department and the municipal engineering department. The electrical department has successfully completed a wide variety of projects for our public clients throughout the State of New Jersey.

Alaimo Group provides electrical engineering services for our municipal and utility authority clients. Included in those projects are water and wastewater treatment facilities, water and wastewater pumping facilities, wells, supervisory control and data acquisition systems for both treatment plant control and water distribution system control. Alaimo Group has previously provided services to County and Municipal clients in Atlantic, Burlington, Bergen, Gloucester, Mercer, Middlesex, Ocean, Passaic, Salem, and Union Counties.

The electrical engineering staff has extensive experience in all phases of electrical engineering required for industrial, commercial and utility applications. Staff personnel have engineered and specified complete systems for medium voltage and low voltage power distribution, communication distribution including fiber optics, interior lighting, exterior lighting including sports field lighting, fire alarm, security, video, process control, plant instrumentation, and integrated control systems. Some examples of specific projects involving electrical design and construction coordination are as follows:

Moorestown Township

Electrical Engineering services for the design and construction for North Church Street Water Treatment Plant. Work scope included design of electrical service upgrade, stand-by generator upgrade, interior lighting, power distribution, alarm systems, coordination with the electric utility company, integration into new township owned fiber optic backbone network with supervisory control and data acquisition (SCADA) and the preparation of electrical specifications. Completed in 2020. Construction Cost \$18,793,000.

Evesham Municipal Utilities Authority

Electrical Engineering services for the design and construction for Elmwood and Woodstream Wastewater Treatment Plants complete supervisory control and data acquisition (SCADA) upgrade and replacement projects. Work scope included design replacement of nine (9) remote terminal unit cabinets, fiber optic network cabling between remote terminals, radio system point to point connection between plants and the preparation of electrical specifications. Construction Cost \$1,040,000.

Willingboro Municipal Utilities Authority

Electrical Engineering services for the design and construction for Well 5A PFOS Water Treatment Process. Work scope included design of electrical service, stand-by generator, interior lighting, power distribution, alarm systems, coordination with the electric utility company, integration into existing on-site supervisory control and data acquisition (SCADA) and the preparation of electrical specifications. Completed in 2021. Construction Cost \$5,260,000.

Mount Laurel Municipal Utilities Authority

Electrical Engineering services for the design and construction for Devonshire Wastewater Pumping Station. Work scope included design of electrical service upgrade, stand-by generator upgrade, interior lighting, power distribution, alarm systems, classified area coordination in accordance with NFPA 820, coordination with the electric utility company, integration into new cellular network supervisory control and data acquisition (SCADA) and the preparation of electrical specifications. Construction Cost \$759,000.

Township of Monroe

Electrical Engineering services for the design and construction of Police Headquarters addition and alterations. Work scope included design of electrical service upgrade, stand-by generator replacement upgrade, interior lighting, power distribution, parking lot lighting, alarm systems, coordination with the electric utility company, and the preparation of electrical specifications. Construction Cost \$5,700,000.

Mount Laurel Township

Electrical engineer services for design and construction of two (2) soccer fields and seven (7) baseball facility consisting of 60' fields, 90' fields, and parking lot lighting. Work scope included design of lighting, power distribution, coordination with the electric utility company and contractors, and preparation of electrical specifications. Construction Cost \$1,850,000.

Passaic County Board of County Commissioners

Electrical Engineering services for the design and construction of salt storage building, warming shelter and associated parking lot. Work scope included design of electrical main service, interior lighting, power distribution, site lighting, block heaters, and the preparation of electrical specifications. Construction Cost \$1,600,000.

Atlantic City Board of Education

Electrical engineer for design and construction of stand-by generators at Dr. Martin Luther King and New York Avenue Schools, 600kW and 750kW respectively. Work included design of generator sets, transfer switches, interconnections, platforming, and preparation of electrical specifications. Construction Cost \$1,600,000.

Township of South Brunswick

Electrical Engineering services for the design and construction of the concession stand and equipment building for Harvest Wood Park. Work scope included design of interior lighting, power distribution, coordination with the electric utility company, and the preparation of electrical specifications. Construction Cost \$800,000.



*Alaimo Group
Consulting Engineers*

Mechanical Engineering Services

The mechanical department provides engineering and design services for all departments within Richard A. Alaimo Associates (Alaimo Group) including the water and sewer department, the architectural department, the highway department and the municipal engineering department. The mechanical department has successfully completed a wide variety of projects for our public clients across the State of New Jersey.

Alaimo Group provides mechanical engineering services for our municipal and utility authority clients. Project work includes water and wastewater treatment facilities, water and wastewater pumping facilities, wells, supervisory control, and data acquisition systems for both treatment plant control and water distribution system control.

The mechanical engineering staff has extensive experience in all phases of mechanical engineering required for heavy industry. Staff personnel have engineered and specified complete HVAC systems including plumbing, heating and fire protection. Some examples of specific projects involving mechanical design and construction coordination are as follows:

Florence Township Municipal Utility Authority

Mechanical Engineer for design and construction of the Florence Township Sewage Treatment Plant

Construction Cost: \$ 11.2 million

The facility includes 5 separate buildings to house process equipment, a 4,000 square foot administration building to house offices, plant control room and laboratory, and 6,000 square foot garage and maintenance building. Work scope included design of HVAC, plumbing and fire protection and air pollution control systems for all the above facilities including preparation of contract specifications and construction management services.

Mount Laurel Municipal Utilities Authority

Mechanical Engineer for design and construction of Elbo Lane Water Treatment Plant

Construction Cost: \$ 21.4 million

The facility includes a 12,000 square foot building to house process treatment and pumping equipment and a 4,000 square foot administration building to house offices, and a plant control room and laboratory. Work scope included design of HVAC, plumbing, and fire protection systems for all the above facilities including preparation of contract specifications and construction management services.

Mount Laurel Township

Mechanical Engineer for design and construction of 12,000 square foot Municipal Complex Meeting Center

Construction Cost: \$ 3.1 million

The facility includes meeting rooms, offices, game rooms, and a commercial kitchen. Work scope included design of HVAC, plumbing and fire protection systems, preparation of contract specifications and construction management services.

Bordentown City

Renovation of the existing Senior Citizen Center and 4,000 square foot building expansion

Construction Cost: \$450,000.00

Project included the design of a new air conditioning system and modifications to the heating and ventilation for the existing part of the building, and complete design of new HVAC and plumbing

systems for 4,000 square feet, along with an addition that included a commercial kitchen and bathroom facilities. Work scope included design, preparation of contract specifications, bidding process, and construction supervision.

Bergen County Commissioners

Energy Efficiency HVAC Improvements

Overall Construction Cost: \$2.6 million

Bergen County received an Energy Efficiency Conservation Block Grant (EECBG) from the Department of Energy in response to the County's submittal of their Energy Efficiency and Conservation Strategy (EECS). This strategy included a number of energy saving approach recommendations, and the subject project concerns the Mechanical, Electrical and Plumbing (MEP) components of the overall strategy. Alaimo Group provided the associated engineering to support the following construction projects: Removal and replacement of 36 window air conditioners with a new central air conditioning system at the Bergen County Justice Center, removal and replacement of 6 air handler units, removal and replacement of 3 Airflow Computer Room air conditioning units in the Data Processing Room in the Bergen County Administration Building, replacement of all steam traps on radiators (approximately 611), all steam traps (approximately 60), and the installation of all Danfoss thermostatic radiator valves (approximately 527) at the Bergen County Justice Center.

Bloomingtondale Borough

Municipal Building Renovation

Construction Cost: \$1.2 million

Project included the design of a new central air conditioning system and renovation of the existing heating systems. Work scope included design preparation of contract specifications and construction management services.

Deerwood Country Club

Mechanical Engineering for design and construction of 12,000 square foot clubhouse building

Construction Cost: \$3.0 million

The facility includes a 200 seat banquet facility, 100 seat dining room, 90 seat grille room, two commercial kitchens, pro shop, office space and locker rooms. Work scope included design of HVAC, plumbing and fire protection systems, preparation of contract specifications and construction management services.

Mercer County Improvement Authority

Mechanical Engineer for design and construction of 8,000 square foot clubhouse building.

Construction Cost: \$1.5 million

The facility includes a 220 seat dining room, 70 seat bar, commercial kitchen, and locker rooms. Work scope included design of HVAC, plumbing and fire protection systems, preparation of contract specifications, and construction management services.

HVAC Design & Engineering

Hartford Road Water Treatment Plant Upgrade, Moorestown Township, NJ

Alaimo Group provided HVAC Design, Engineering, and Specifications for Filter Building, Clarifier Building and Pump House. Calculated heating ventilation, and Cooling Loads and sized and selected HVAC Equipment. Construction was completed in August 2020.

North Church Street WTP Upgrade

Alaimo Group provided HVAC Design, Engineering and Specifications for Filter and Absorber Building, Calculated Heating, Ventilation, and Cooling Loads, sized and selected HVAC Equipment. Construction was completed in July 2020.

Kings Highway Water Treatment Plant Improvements

Environmental Engineering/Multi-disciplined services provided by Alaimo Group/Tri-State Architects for the rehabilitation of water pumping at the Kings Highway Water Treatment Plant for the Moorestown Township Department of Public Works. Associated HVAC services included Industrial Ventilation and Dehumidification of the Plant's new building containing Water Filtration and Chemical Feed Equipment. Construction Completed in November 2011.

Willingboro MUA Well No. 6 Water Treatment Plant Upgrades

Alaimo Group provided HVAC, Design, Engineering, and Specifications for Filter Building, Chemical Feed Building and Clarifier Building, Calculated Heating, Ventilation and Cooling Loads, sized and selected HVAC Equipment. Construction in progress. Construction Budget: \$14,000,000.

Well 5A Radium Removal Treatment Plant

Multi-disciplined A/E Renovation/Upgrade services provided by Alaimo Group/Tri-State Architects that included selective demolition of existing equipment; and, the furnishing and installation of radium treatment system; construction of unit masonry pressure vessel building; installation of concrete chemical feed and storage building; installation of chemical feed and handling equipment; structural repairs, architectural, HVAC, electrical, and plumbing improvements to the existing buildings; redevelopment of the existing well and well pump, booster pump, and control valve replacements; installation on natural gas fueled generator, transfer switch, and enclosure; and, upgrades to the existing control and instrumentation system. Cost \$4,000,000. Completed 10/17



*Alaimo Group
Consulting Engineers*

Structural Engineering Services



Richard A. Alaimo Associates d.b.a. (Alaimo Group) has extensive design experience in concrete, steel, aluminum, masonry and wood structures. Our structural engineers are certified with the Structural Engineering Certification Board and are active in the American Institute of Steel Construction, the American Society of Civil Engineers and the American Concrete Institute.

As Consulting Engineer for over seventy public entities, we are responsible for a wide range of new and renovated structures. Design projects have ranged from dams to multi-story buildings and have involved the structural evaluations and cost effective recommendations for repairs and retrofits. Our firm utilizes both advanced computer

analysis programs as well as old-fashioned hand calculations to provide practical and code compliant structural solutions.

Sample Project Types

- Water & Wastewater Treatment Tanks and Buildings
- Sewage Pump Stations
- Bridges & Culverts
- Dams
- Municipal Buildings
- Building Additions
- Fire House Renovations
- Golf Course Clubhouses
- Storage Facilities
- School Rehabilitation
- Community Centers
- Bulkheads
- Retaining Walls
- Garages and Office Buildings
- Parking Structures
- Special Inspections
- Fueling Stations
- Masonry Repairs





*Alaimo Group
Consulting Engineers*

Survey Services

Richard A. Alaimo Associates (Alaimo Group) survey department has the capability of providing land surveys in accordance with New Jersey Laws and Administrative Code; compliance with standards and methods of the U.S. Department of Commerce; and the use of the New Jersey Plane Coordinate System. Surveying services are an integral part of nearly every project we plan, design or manage through the construction phase.

Our survey department utilizes state of the art equipment and technology to perform all required survey tasks. Global Positioning System (GPS), Robotics and electronic data collection are used as part of our standard survey practices and provide Alaimo Group with the capabilities to achieve 2nd order, class 1 accuracy work.

Our services to Federal, State, County and Municipal clients have included outbound and topographic surveys of land tracts up to 900 acres; right-of-way surveys and monumentation; cross sections; utility locations and as-builts; construction layout; deed and easement descriptions, and parcel acquisition plans.

In conjunction with the Tax Assessor, we also provide services necessary to review property changes and transfers, determine their conformance with the tax map; and provide any necessary alterations of the tax map and maintain, on a current basis, tax maps and the associated tax map records.

REPRESENTATIVE PROJECTS:

County of Passaic

Morris Canal Greenway Pompton Feeder Phase IV

Date: 9/2019

Perform survey and preliminary design for a proposed pedestrian walkway along approximately seven (7) miles of property belonging to North Jersey District Water Supply Commission of the State of New Jersey, and through the right-of-way and properties of several townships. The existing NJDWSC ROW survey is being supplemented with detailed topography and right-of-way survey data in areas where special design considerations will require cross and access easements for ADA ramps and/or walkways. Alaimo Group will supply all required legal descriptions for said project easements and agreements.

Moorestown Township

North Church Street Water Treatment Plant Upgrade, Moorestown Twp., New Jersey

Dates: 5/2017 – 10/2017

Survey and prepare a complete topographic survey plan of a 5.6 acre section of the Moorestown Township property located on North Church Street, along with 2,000 feet of stream cross-sections, for upgrade and expansion of the existing plant. This project included making as-builts of the exterior and interior of the existing plant and all of its equipment and piping, along with surveying the surrounding properties for property line and easement staking. Legal descriptions were prepared for vacation of part of Glenn Avenue, and a 20-foot wide sanitary sewer easement.

Kings Highway Water Treatment Plant Upgrade, Moorestown Twp., New Jersey

Dates: 7/2015 – 04/2016

Survey and prepare a complete topographic survey plan of a 6 acre section of the Moorestown Township Water Treatment Plant on Kings Highway, for upgrade and expansion of the existing plant. This project included making as-builts of the exterior and interior of the existing plant and all of its equipment and piping, and surveying and establishing the right-of-way lines of Kings Highway for road and plant entrance improvements. Legal descriptions were prepared for the bridge construction and maintenance easement.

MUA Survey Projects:

Old Bridge MUA

Description: Site Topo – Pump Station & Force main locations

Contract Amount \$13,300

Personnel overseeing work:

Wayne Simpson, P.E., BCEE, Senior Associate

Stephen McKeich, PLS

Evesham MUA

Description: Full Route Topo and As-Builts

Contract Amount \$48,300

Contact personnel overseeing work:

Wayne Simpson, P.E., BCEE, Senior Associate

Stephen McKeich, PLS

Evesham MUA – Heritage Village

Description: Topo Route & As-Builts

Contract Amount \$106,100

Contact personnel overseeing work:

Wayne Simpson, P.E., BCEE, Senior Associate

Stephen McKeich, PLS



Alaimo Group
Consulting Engineers

Permitting Services

Throughout its history, Richard A. Alaimo Associates (Alaimo Group) has provided permitting services for a wide variety of projects designed and constructed for our governmental clients. The firm has extensive experience in dealing with County, State and Federal Agencies, along with interstate agencies having regulatory powers, such as the Delaware River Basin Commission (DRBC) and the Delaware-Raritan Canal Commission (DRCC).

Agencies and Departments we routinely work with are:

- New Jersey Department of Environmental Protection (NJDEP)
- Air Quality, Energy & Sustainability
- Compliance & Enforcement
- Natural & Historic Resources
- Site Remediation & Waste Management
- Water Resource Management
- Watershed & Land Management
- New Jersey Department of Transportation (NJDOT)
- New Jersey Highlands Council
- New Jersey Pinelands Commission
- New Jersey Sports & Exposition Authority
- US Army Corps of Engineers (ACOE)
- US Coast Guard (USCG)
- US Environmental Protection Agency (USEPA)
- US Department of the Interior/Fish and Wildlife Service (USFWS)
- Delaware River Basin Commission (DRBC)
- Delaware-Raritan Canal Commission (DRCC)

Our staff includes Environmental Planners whose primary duties are coordination with regulatory agencies for the planning, design, permitting, and review of major projects.

Virtually every project Alaimo Group design for our clients requires the preparation of permits from regulatory agencies at the County, State and/or Federal level. In some cases, the complexity of the permit requirements requires levels of manpower effort equal to or exceeding the design services. Through our fifty-seven years of service as consulting engineers to our clients, we have designed projects estimated at an aggregate construction value well in excess of \$10 billion and have worked with the regulatory agencies on virtually every one of the several thousand projects we have completed successfully.



STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
DIVISION OF PROPERTY MANAGEMENT AND CONSTRUCTION

NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: RICHARD A. ALAIMO ASSOCIATION
OF ENGINEERS, INC.
ADDRESS: 200 HIGH STREET
MOUNT HOLLY, NJ 08060

INITIAL REVISED RENEWAL

DATE OF ISSUE: DECEMBER 22, 2023
EXPIRATION DATE: DECEMBER 31, 2025
FEDERAL ID NUMBER: 221 991 442

MBE WBE SBE VOB

The Experience Questionnaire (FORM 48A), submitted by your firm, has been reviewed. As a result of this review, your firm may be invited to submit proposals for projects involving the checked discipline(s) having a not to exceed Construction Cost Estimate (CCE) as noted. For the purposes of this form, NA = no fixed amount.

<input type="checkbox"/> ARCHITECTURE	_____	<input checked="" type="checkbox"/> ROOFING CONSULTANT	3 MILLION
<input checked="" type="checkbox"/> ELECTRICAL ENGINEERING	3 MILLION	<input type="checkbox"/> ACOUSTICS	_____
<input checked="" type="checkbox"/> HVAC ENGINEERING	5 MILLION	<input type="checkbox"/> ASBESTOS DESIGN	_____
<input checked="" type="checkbox"/> PLUMBING ENGINEERING	5 MILLION	<input type="checkbox"/> ASBESTOS SAFETY MONITORING	_____
<input checked="" type="checkbox"/> CIVIL ENGINEERING	10 MILLION	<input type="checkbox"/> CLAIMS ANALYSIS	_____
<input checked="" type="checkbox"/> SANITARY ENGINEERING	5 MILLION	<input type="checkbox"/> TELECOMMUNICATIONS	_____
<input checked="" type="checkbox"/> STRUCTURAL ENGINEERING	10 MILLION	<input checked="" type="checkbox"/> FEASIBILITY PLANNING	1 MILLION
<input checked="" type="checkbox"/> ELEVATOR/CONVEYOR ENGINEERING	3 MILLION	<input checked="" type="checkbox"/> FIRE DETECTION SYSTEMS	5 MILLION
<input type="checkbox"/> SOILS ENGINEERING	_____	<input checked="" type="checkbox"/> FIRE PROTECTION SYSTEMS	5 MILLION
<input checked="" type="checkbox"/> FIRE PROTECTION ENGINEERING	5 MILLION	<input type="checkbox"/> FOOD SERVICE	_____
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	10 MILLION	<input checked="" type="checkbox"/> HYDRAULICS/PNEUMATICS	3 MILLION
<input type="checkbox"/> MARINE ENGINEERING	_____	<input checked="" type="checkbox"/> HYDROLOGY	NA
<input type="checkbox"/> LANDSCAPE DESIGN	_____	<input type="checkbox"/> SECURITY SYSTEMS	_____
<input checked="" type="checkbox"/> PLANNING	5 MILLION	<input checked="" type="checkbox"/> SITE PLANNING	10 MILLION
<input checked="" type="checkbox"/> LAND SURVEYING	NA	<input type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	_____
<input type="checkbox"/> AERIAL SURVEYING	_____	<input type="checkbox"/> ENERGY AUDITING	_____
<input type="checkbox"/> HYDROGRAPHIC SURVEYING	_____	<input checked="" type="checkbox"/> TRAFFIC	NA
<input checked="" type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS	3 MILLION	<input checked="" type="checkbox"/> TRANSPORTATION	3 MILLION
<input type="checkbox"/> BUILDING COMMISSIONING	_____	<input checked="" type="checkbox"/> WASTE/WATER TREATMENT	10 MILLION
<input checked="" type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.	5 MILLION	<input checked="" type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	3 MILLION
<input checked="" type="checkbox"/> DAM/LEVEE DESIGN	\$500,000	<input type="checkbox"/> RENEWABLE ENERGY CONSULTANT	_____
<input checked="" type="checkbox"/> BARRIER FREE/ADA DESIGN	5 MILLION	<input checked="" type="checkbox"/> CONSTRUCTION FIELD INSPECTION	10 MILLION
<input checked="" type="checkbox"/> ESTIMATING/COST ANALYSIS	NA	<input checked="" type="checkbox"/> PROJECT MANAGEMENT	10 MILLION
<input checked="" type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING	\$500,000	<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input checked="" type="checkbox"/> ROOFING INSPECTION	3 MILLION	<input type="checkbox"/> STORAGE TANK REMOVAL	_____
<input checked="" type="checkbox"/> CONSTRUCTION MANAGEMENT	1 MILLION	<input type="checkbox"/> STORAGE TANK INSTALLATION	_____
<input type="checkbox"/> CPM	_____	<input type="checkbox"/> PERIMETER SECURITY FENCING	_____
<input type="checkbox"/> ARCHAEOLOGY	_____	<input type="checkbox"/> INDOOR AIR QUALITY TESTING	_____
<input type="checkbox"/> GEOLOGY	_____	<input type="checkbox"/> LANDFILL CLOSURE	_____
<input checked="" type="checkbox"/> VALUE ENGINEERING	NA	<input type="checkbox"/> LEAD PAINT EVALUATION	_____
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION	_____		

PREPARED BY:

Pamela Sullivan

PAMELA SULLIVAN
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

Richard S. Flodmand
RICHARD S. FLODMAND
DEPUTY DIRECTOR

NOTE: THIS IS AN ORIGINAL DOCUMENT. IT MAY BE REQUIRED AS PROOF OF YOUR PREQUALIFICATION STATUS. PLEASE RETAIN THIS FORM FOR YOUR RECORDS.

**Individual Qualifications/
Clients/References**



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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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
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

24GE01319500
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


ACTING DIRECTOR

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

THIS IS TO CERTIFY THAT THE
Board of Professional Planners

HAS LICENSED

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

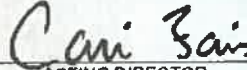
FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Planner**

04/05/2024 TO 05/31/2028
VALID

33LI00011600
LICENSE/REGISTRATION/CERTIFICATION #



Signature of Licensee/Registrant/Certificate Holder



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

BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

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
Division of Consumer Affairs

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

HAS LICENSED
WAYNE D. SIMPSON
Professional Engineer



SIGNATURE

Cari Zois
ACTING DIRECTOR

03/20/2024 TO 04/30/2026
VALID

24GE02788800
License/Registration/Certification #

03/20/2024 TO 04/30/2026
VALID

24GE02788800
LICENSE/REGISTRATION/CERTIFICATION #

Wayne D. Simpson
Signature of Licensee/Registrant/Certificate Holder

Cari Zois
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



*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

**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

**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
VALID

24GE03301200
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registration Certificate Holder


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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A BLUE TINTED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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 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
VALID

Richard A. Alaimo Jr
Signature of Licensee, Registrant, Certificate Holder

24GE04444200
LICENSE, REGISTRATION, CERTIFICATION #

Cari Sain
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 Jr
Professional Engineer

Cari Sain
SIGNATURE
ACTING DIRECTOR

04/29/2024 TO 04/30/2026
VALID

24GE04444200
License/Registration/Certification #

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

PLEASE DETACH HERE



*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

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

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
VALID ✓

24GE03751500
LICENSE/REGISTRATION/CERTIFICATION #



Signature of Licensee/Registrant/Certificate Holder



ACTING DIRECTOR

New Jersey Municipal Engineering Institute
of the

New Jersey Society of Municipal Engineers, Inc.

This certifies that

James McKeachie

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*

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.

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

**Erik C. Svensen
19 Chaucer Lane
Medford NJ 08055**

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

04/04/2024 TO 04/30/2026
VALID

24GE04586100
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


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
Erik C. Svensen
Professional Engineer**



04/04/2024 TO 04/30/2026
VALID

24GE04586100
License/Registration/Certificate #


SIGNATURE
Cari Zois
ACTING DIRECTOR

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

PLEASE DETACH HERE



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTI COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY

**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

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

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

03/15/2024 TO 04/30/2026
VALID

24GE05876400
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


ACTING DIRECTOR



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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

State Of New Jersey
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
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

[Signature]
SIGNATURE
[Signature]
ACTING DIRECTOR
07/08/2023 TO 07/31/2025
VALID
21A101876900
Licensee/Registration/Certificate #

07/06/2023 TO 07/31/2025
VALID

21A101876900
LICENSE/REGISTRATION/CERTIFICATION #

[Signature]
Signature of Licensee/Registration/Certificate Holder

[Signature]
ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Architects
P.O. Box 45001
Newark, NJ 07101

PLEASE DETACH HERE

Anita S. Aradhya
YOUR LICENSE/REGISTRATION/CERTIFICATE NUMBER IS 21A1 01876900 . 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 Architects
P.O. Box 45001
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

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



*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

002652 24GE02592600 04/28/2024

SEE REVERSE SIDE FOR OPENING INSTRUCTIONS

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTICOLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY

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 E. DREWES
2505 RAMSHORN DR
MANASQUAN NJ 08736-2133

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

04/28/2024 TO 04/30/2026
VALID

24GE02592600
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

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 E. DREWES
Professional Engineer



04/28/2024 TO 04/30/2026

VALID

24GE02592600

License/Registration/Certificate #

SIGNATURE

Carri Zain
ACTING DIRECTOR

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

PLEASE DETACH HERE



DAVID J. SKIBICKI, PE
Associate

PROFESSIONAL

Experience:

Mr. Skibicki has over thirty-five years of project and process mechanical experience with particular emphasis in the design and engineering of interceptor systems, wastewater treatment plants and collection treatment facilities, pumping stations, odor control facilities, mechanical piping systems, and construction management.

Woodbridge Township: Mr. Skibicki has served as Lead Project Manager and Mechanical Process Engineer for the completion of the design documents for various wastewater and odor control projects including:

- **Port Reading Interceptor Replacement and Odor and Corrosion Control:** Replacement (open-cut and slip-lining) of 3,600 feet of 36 inch Reinforced Concrete Pipe (RCP) subject to severe hydrogen sulfide corrosion with 36 Inch FRP pipe and addition of biotrickling biofilter to extract odors from interceptor;
- **Grit Chamber Upgrade:** Upgrades to Grit Chamber 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, and slip-lining of 42 inch RCP inlet and outlet lines with FRP pipe;
- **Various Pump Station Upgrades:** (Oakwood, Carriage House, Judy Drive, Keasbey Complex, Englehard, Brookside, and Mileed Way: Demolition of existing Smith and Loveless Dry-Can Pump Stations and replacement with submersible pump station include new submersible pumps, comminutor, valve vault, flow metering, and emergency generator.

Mount Holly Municipal Utilities Authority (MHMUA): Mr. Skibicki has served as Lead Project Manager and Mechanical Process 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);
- **Belt Filter Press Installation:** Conversion of an existing press to a belt filter press operation to provide 100% redundancy including new conveyor to thicken sludge for truck disposal;
- **Sludge Thickening Tank Conversion:** Conversion of spent carbon thickening tank to store thickened sludge, new submersible mixer, demolition of existing thickened sludge storage and oxidized sludge storage tanks and yard piping modifications.

Mr. Skibicki was the Lead Project Manager for a series of industrial wastewater modification projects for a major pharmaceutical wastewater treatment facility. He also served as the Project Manager/Project Engineer involved in the preparation of design drawings and specifications, construction oversight, and start-up for a wastewater treatment plant upgrade and various air emissions control projects for a fiber-optic cable manufacturing facility.

Registration:

Licensed Professional Engineer - State of Delaware

Memberships:

Water Environment Federation

EDUCATION

University of Delaware, Bachelor of Mechanical Engineering, 1982

Delaware Technical and Community College, Wastewater Operator Certification, 1992



DELAWARE ASSOCIATION OF PROFESSIONAL ENGINEERS

92 Read's Way, Suite 208
New Castle, DE 19720
Phone: 302-323-4588
Email: office@dape.org

▶ Professional Engineer

Professional Engineers

[Home](#)
[PE License Renewal](#)
[PE Requirements](#)
[How to apply](#)
[Start Application](#)
[Resume Application](#)
[Active PE Roster](#)
[License Verification](#)

Person Information

Name: DAVID J. SKIBICKI
Discipline: MECHANICAL

Address Information

Address (City, State, Zipcode): WILMINGTON, DE, 19803

License Information

License Number: 8053
License Status: Active
License Expires: 06/30/2026



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

**Lionel M. Galipot
Robbinsville NJ 08691**

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

03/26/2024 TO 04/30/2026
VALID



Signature of Licensee/Registrant/Certificate Holder

24GE04696400
LICENSE/REGISTRATION/CERTIFICATION #



ACTING DIRECTOR



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

THIS IS TO CERTIFY THAT THE
Board of Architects

HAS LICENSED

MICHAEL CRISTALDI
990 Andover Terrace
RIDGEWOOD NJ 07450-4204

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

New Jersey Office of the Attorney General
Division of Consumer Affairs
Board of Architects
PLEASE NOTIFY: Board of Architects
P.O. Box 45021
Newark, NJ 07201

07/17/2023 TO 07/31/2025
VALID
21A101300000
LICENSE/REGISTRATION/CERTIFICATION #

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Architects
P.O. Box 45021
Newark, NJ 07201

07/17/2023 TO 07/31/2025
VALID

21A101300000
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

Carri Zais
ACTING DIRECTOR

PLEASE DETACH HERE

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

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

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

New Jersey Office of the Attorney General
Division of Consumer Affairs
Board of Prof. Engineers & Land Surveyors
PLEASE NOTIFY: Board of Prof. Engineers & Land Surveyors
P.O. Box 45021
Newark, NJ 07201

04/12/2024 TO 04/30/2026
VALID
24GE02945700
LICENSE/REGISTRATION/CERTIFICATION #

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Prof. Engineers & Land Surveyors
P.O. Box 45021
Newark, NJ 07201

04/12/2024 TO 04/30/2026
VALID

24GE02945700
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

Carri Zais
ACTING DIRECTOR

PLEASE DETACH HERE

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: 1694596

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

LICENSER/REGISTRANT
Deputy Secretary

Commissioner of Education
Deputy Commissioner for the Professions

This document is valid only if it has not expired, name and address are correct, it has not been tampered with and is an original - not a copy. To verify that this registration certificate is valid go for more information please visit www.op.nysted.gov.

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

THIS IS TO CERTIFY THAT THE
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

New Jersey Office of the Attorney General
Division of Consumer Affairs
Board of Professional Planners
PLEASE NOTIFY: Board of Professional Planners
P.O. Box 45021
Newark, NJ 07201

04/12/2024 TO 05/31/2026
VALID
33L100371400
LICENSE/REGISTRATION/CERTIFICATION #

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Professional Planners
P.O. Box 45021
Newark, NJ 07201

04/12/2024 TO 05/31/2026
VALID

33L100371400
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

Carri Zais
ACTING DIRECTOR

PLEASE DETACH HERE



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

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

24GE03437700
LICENSE/REGISTRATION/CERTIFICATION #

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

Cari Zais
ACTING DIRECTOR



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY

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

CHARLES A. FOOKS
14 Horseshoe Lane N
Columbus NJ 08022

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



03/02/2024 TO 04/30/2028
VALID

24GE03525900
LICENSE/REGISTRATION/CERTIFICATION #

Charles Fooks
Signature of Licensee/Registrant/Certificate Holder

Carri Zain
ACTING DIRECTOR

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

PLEASE DETACH HERE



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES PLEASE VERIFY AUTHENTICITY

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

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
VALID

24GE04731100
LICENSE/REGISTRATION/CERTIFICATION #

Nelson Landon
Signature of License Registrant/Certificate Holder

Cari Sain
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
Nelson J. Landon
Professional Engineer



04/10/2024 TO 04/30/2026
VALID

24GE04731100
License/Registration/Certificate #

SIGNATURE
Cari Sain
ACTING DIRECTOR

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

PLEASE DETACH HERE



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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

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

Ryan Desai
Signature of Licensee/Registrant/Certificate Holder

24GE06098800
LICENSE/REGISTRATION/CERTIFICATION #

Cari Zain
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
Ryan Desai
Professional Engineer

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

SIGNATURE

Cari Zain
ACTING DIRECTOR

24GE06098800
License/Registration/Certificate #

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

PLEASE DETACH HERE

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

Ryan Desai
25 Orchard Lane
Marlton NJ 08053

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

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
BOARD OF PROFESSIONAL ENGINEERS & LAND SURVEYORS
HAS LICENSED
Ryan Desai
Professional Land Surveyor

Ryan Desai
SIGNATURE

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

24GS04347200
License/Registration/Certification #

Cari Zais
ACTING DIRECTOR

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

24GS04347200
LICENSE/REGISTRATION/CERTIFICATION #

Ryan Desai
Signature of Licensee/Registrant/Certificate Holder

Cari Zais
ACTING DIRECTOR

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

PLEASE DETACH HERE



*Alaimo Group
Consulting Engineers*

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

**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

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

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

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

24GE05765100
LICENSE/REGISTRATION/CERTIFICATION #

David Fronduti
Signature of Licensee/Registrant/Certificate Holder

Cari Zois
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
Consulting Engineers

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*

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*

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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTICOLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

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

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

Civil

03/20/2024 TO 04/30/2026
VALID

Signature of Licensee/Registrant/Certificate holder

24GE05694100
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
Jacob DeWitt
Professional Engineer

Civil

03/20/2024 TO 04/30/2026
VALID

24GE05694100

License/Registration/Certificate #

SIGNATURE

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*

LUKE M. ANDERSON, E.I.T.
Senior Project Engineer

PROFESSIONAL

Experience:

Mr. Anderson has over five years of experience in Transportation, Structural Engineering and Inspection.

Specific experience has included design of bridge repairs for NJDOT Maintenance & Operations Contract.

Designed repairs for steel and prestressed concrete bridges, including end of girder/beam repair, bearing repairs, and spalled concrete repairs throughout bridge substructure.

Designed temporary shoring systems for maintenance repairs.

Performed inspections of damaged bridges and emergency bridge inspections as On-Call Engineer.

Developed Safety Site Specific Work Plans for NJDOT bridges over railroads. Plans included construction management and required repair work. Railroad companies included: Amtrak, Conrail, Norfolk Southern, NJ Transit.

Assisted in the design for a new bridge in Pennsylvania. Preparation of cost estimates and plans.

A notable project included Senior Engineering Design Project, as a Structural Lead on the design of a 5-story Health Sciences Center. Utilized Bentley RAM Structural System.

Prepared plans for bridge resurfacing project, Assisted project engineers with various geotechnical and civil projects

Additional experience has included survey components of a residential water system for Water & Wastewater.

Technical Skills:

Bentley MicroStation - AutoCAD Civil 3D - PennDOT PSLRFD - Microsoft Office

Registration:

Engineer in Training, State of New Jersey, License No. EIT-04470

EDUCATION

Rowan University College of Engineering, Glassboro, NJ
B.S. Civil and Environmental Engineering, Graduated, May 2020
Magna Cum Laude



*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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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 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
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


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



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



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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

THIS IS TO CERTIFY THAT THE
Board of Architects

HAS LICENSED

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

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

07/04/2023 TO 07/31/2026
VALID


Signature of Licensee/Registrant/Certificate Holder

21A102102700
LICENSE/REGISTRATION/CERTIFICATION #


ACTING DIRECTOR

RICHARD N. KOELLE, RA, AIA **Architect**

PROFESSIONAL

Experience:

Mr. Koelle has more than forty (40) years of architectural experience. This includes over ten (10) years specializing on private, frequently international, process industry clients predominantly in the brewing industry, followed by over thirty (30) years providing A/E services to public sector clients in the tri-state area. His related experience includes county, municipal, education, healthcare, criminal justice and historic preservation projects.

Criminal Justice projects include the following:

- New Federal Courthouse Building, Trenton, NJ
- Minimum Security Jail Addition and Alterations for Burlington County, NJ
- Juvenile Detention Center Addition and Alterations for Burlington County, NJ
- Courtroom alterations at the Garmatz Federal Courthouse Building, Baltimore, MD
- Alterations to food service and related facilities at State Correctional Institution, Graterford, PA
- Remediation of the Building Facades at the historically registered Bergen County Justice Center, Hackensack, NJ
- New Adult Correctional Facility, Middlesex, NJ
- Burlington County Detention Center: Upgrades for ADA Compliance

Other notable public sector projects have included:

- "The Oculus" (new floor opening to enable view of monumental domed space from the main entrance below) at the National Gallery of Art, Washington, D.C.
- Brewery expansion for Compania Nacional de Cerveza, S.A., Lima, Peru
- Building evaluation of the Franklin Institute Science Museum, Philadelphia, PA
- The George L. Hess Educational Complex, Mays Landing, NJ
- Building Envelope Restoration project at the Burlington County Human Services Facility
- Numerous capital improvements, additions, alterations, and new school projects throughout New Jersey and Pennsylvania.

Registration / Memberships:

Registered Architect, Commonwealth of Pennsylvania
National Council of Architectural Registration Board (NCARB)
American Institute of Architects

EDUCATION

University of Pennsylvania, Bachelor of Arts, Architecture Major
Drexel University, Bachelor of Science, Architecture
Continuing Education (annually per AIA stipulations)

**Commonwealth of Pennsylvania Department of State
Bureau of Professional and Occupational Affairs**

Registered Architect

**License Number
RA006846X**

**Expiration Date
06/30/2025**

Active

**RICHARD NEWBOLD KOELLE
210 ENGLE DRIVE
WALLINGFORD, PA 19086**



TYLER SINCOSKIE, RA
Senior Project Manager

PROFESSIONAL

Experience:

Mr. Sincoskie is both pragmatic and creative as an Architect with exceptional collaborative and project management skills.

Mr. Sincoskie's experience has included Designs and Construction Documents; drafting existing Building Plans and Elevations; reviewing Shop Drawings and Submittals; Zoning Approvals and Variance Applications; coordinating with consultants and meeting attendance.

Since joining Alaimo Group/Tri-State Architects Mr. Sincoskie has been involved in diversified projects representing various disciplines and has provided supportive design architectural services.

Technical Skills:

AutoCAD, Revit, 3D Renderings & Visualizations

Registration:

Registered Architect, State of New Jersey

EDUCATION

Florida Atlantic University, Bachelor of Architecture, 2019
Mercer County Community College, Fall 2013 – Spring 2015
Studied Abroad at Bauhaus, Dessau, Germany
Oscar Vagi Scholarship Recipient



NEW JERSEY OFFICE OF THE ATTORNEY GENERAL
DIVISION OF CONSUMER AFFAIRS

New Jersey State Board of Architects

Certifies that Tyler J. Sincoskie

has provided satisfactory evidence of competency and fitness to practice Architecture in the State of New Jersey.
Therefore, the New Jersey State Board of Architects hereby issues a license to practice as an

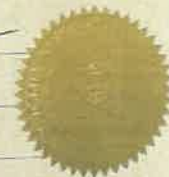
Architect

in the State of New Jersey, subject to the powers of revocation vested in the Board by N.J.S.A.
15:23-1 et seq., an act to regulate the practice of Architecture in the State of New Jersey.

Issued and attested by the seal of the New Jersey State Board of Architects, this

14th day of July, 2023.

President [Signature]
Vice President [Signature]
Acting Executive Director [Signature]



License Number **21A102277200**



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

CA-20

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

THIS IS TO CERTIFY THAT THE
Board of Professional Planners

HAS LICENSED

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

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

05/04/2024 TO 05/31/2026
VALID

33LI00244700
LICENSE REGISTRATION/CERTIFICATION #

Joseph S. Augustyn
Signature of Licensee/Registrant/Certificate Holders

Cari Zaris
ACTING DIRECTOR

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Professional Planners
HAS LICENSED
JOSEPH S. AUGUSTYN
Professional Planner

05/04/2024 TO 05/31/2026
VALID

33LI00244700
License/Registration/Certification #

SIGNATURE
Cari Zaris
ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Professional Planners
P.O. Box 45016
Newark, NJ 07101

PLEASE DETACH HERE



*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

BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

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

THIS IS TO CERTIFY THAT THE
Board of Professional Planners

HAS LICENSED

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

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

New Jersey Office of the Attorney General
Division of Consumer Affairs
THIS IS TO CERTIFY THAT THE
Board of Professional Planners
HAS LICENSED
Richard W. Hunt
Professional Planner

03/26/2024 TO 05/31/2026
VALID
SIGNATURE
Cari Zois
ACTING DIRECTOR
33L100647800
Licensee/Registrant/Certificate #

03/26/2024 TO 05/31/2026
VALID

33L100647800
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE/REGISTRATION/
CERTIFICATE ID CARD IS LOST
PLEASE NOTIFY:
Board of Professional Planners
P.O. Box 45016
Newark, NJ 07101

PLEASE DETACH HERE



*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

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.

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER, WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

**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
VALID

24GS03537900
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


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

THIS DOCUMENT IS PRINTED ON WATERMARKED PAPER WITH A MULTI-COLORED BACKGROUND AND MULTIPLE SECURITY FEATURES. PLEASE VERIFY AUTHENTICITY.

**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

**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
VALID

24GS03671900
LICENSE/REGISTRATION/CERTIFICATION #


Signature of Licensee/Registrant/Certificate Holder


ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

WARREN F. LEARY, III
Field Party Chief/Designer CAD

PROFESSIONAL:

Experience:

Mr. Leary has worked in the Field of Surveying and drafting for well over forty (40) years. While working as a Senior Field Party Chief for a previous employer, Mr. Leary was responsible for field lay-out and office calculation of various construction projects.

Since joining Alaimo Group in 1977, Mr. Leary has worked on various municipal, county, State and Federal projects including the layout and surveying of highways, wastewater treatment plants, landfills, dam construction, water and sewer Extensions and boundary and topographic route surveys.

Mr. Leary is also experienced as a senior CAD operator in the Survey and Tax Map Department. This responsibility includes downloading raw survey data and generating plans of topography, profiles, X-sections, outbound surveys and adding design to these survey plans.

EDUCATION:

Burlington County Community College – Survey Field and
Office Architectural Drafting – AutoCAD Class
Varitronics - Systems – Soft Desk (DCA) - Survey Training



*Alaimo Group
Consulting Engineers*

JAMES MUSHINSKI
Field Party Chief

PROFESSIONAL:

Experience:

Mr. Mushinski joined Alaimo Group in April, 1995 and has worked in our Field Surveying Department for over twenty (20) years. He started as a rodman and under the guidance of a Licensed P.L.S. quickly acquired the title of Transit Man where he continued his studies learning how to use equipment ranging from traditional transits up to the modern GPS and robotic total stations. He easily stepped into the position of Junior Party Chief when the opening became available, where he has remained a key element to the success of the survey department running his own crews on a wide variety of jobs.

Mr. Mushinski's surveying work background includes various Municipal, County, State and Federal projects including the layout and surveying of highways, bridges, wastewater treatment plants, landfills, dam construction, water and sewer extensions and boundary and topographic route surveys.

EDUCATION:

Burlington County Institute of Technology, Electrical, Welding Courses
GPS Surveying Practice Course
AMTRAK Safety Orientation Course



*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
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

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/Registrant/Certificate Holder

24GE03576100
LICENSE/REGISTRATION/CERTIFICATION #

ACTING DIRECTOR



*Alaimo Group
Consulting Engineers*

STEVEN E. MALVEY **Senior Project Manager**

PROFESSIONAL

Experience:

Mr. Malvey has more than twenty years of experience in all aspects of roadway and highway design projects. Expertise includes the development of conceptual, preliminary and final roadway improvement plans including geometric roadway layout, traffic signal plans, maintenance and protection of traffic plans, roadway drainage network design, roadway rehabilitation plans, intersection design, interchange design and roadway lighting design. He has served as Project Manager on many major roadway improvement projects exceeding five million dollars in construction cost. This includes managing all aspects of assigned projects from staff utilization and sub-consultant coordination, to directing the efforts required to obtain all project approvals from governing agencies.

Mr. Malvey is fully versed in the requirements of the Manual on Uniform Traffic Control Devices (MUTCD) and NJDOT procedures, including the Procedures Manual, Roadway Design Manual, Right of Way Design Manual, Construction Cost Estimation, Design Exception Preparation, Highway Access Code, Soil Erosion, Sediment Control Standards and Specification preparation. He has successfully completed, through construction, numerous municipal and county roadway improvement and intersection projects throughout New Jersey.

A sampling of Mr. Malvey's prior Project Manager responsibilities include the following projects: Roosevelt Boulevard and Garden State Parkway Interchange 25, Cape May County; Various Intersection Improvements and Signalization (Ocean County); County Route 622 and Park Avenue, Middlesex County; and Route 322 Bypass, Mullica Hill, Gloucester County; U.S. Route 130 and Cinnaminson Ave including modern roundabout design .

EDUCATION

B.S. Civil Engineering/Transportation, New Jersey Institute of Technology, 1988

ADDITIONAL EDUCATION

NICET, Level I, Roadway Construction

NJDOT Complete Streets Program – December 2014

ADA Standards for Accessible Design – December 2008/November 2014

ASCE Traffic Calming Measures – April 2008

ASCE Roundabout Design – February 2007

NJDOT Utility Coordination Training – January 2006

ASCE Roadway Drainage Design – November 2005

Access Management Seminar/Workshop – October 2003/November 2003

Transportation Safety and Management Workshop – October 2003

PROFESSIONAL AFFILIATIONS

American Society of Highway Engineers



*Alaimo Group
Consulting Engineers*

BRIAN A. LAFFERTY, SET, NJSAT
Senior Project Manager

PROFESSIONAL

Experience:

Brian Lafferty has over thirty-two (32) years of experience in the Construction field. Prior to joining Alaimo Group, he served as a supervisor for a major roadway construction company. Mr. Lafferty managed the successful completion of multi-million dollar projects under contract to the New Jersey Department of Transportation. His experience as Project Manager includes the widening and reconstruction of Route 130 and Route 73 in Burlington County. The combined construction cost of these projects was \$5.5 million. Mr. Lafferty also served as Alaimo Group's Resident Engineer for three (3) Ocean County Intersection and highway projects with a total construction cost of \$6.0 million.

Since joining the Alaimo firm he has gained valuable experience as a member of our Construction Management staff. His duties have included conducting road condition surveys to support required design, the observation of construction in major roadway improvements for our municipal clients, verifying the work of construction contractors, reviewing request for payment and determining conformance to the approved plans and specifications. Brian is certified in Highway Construction as a NICET Level IV.

Registration:

National Institute for Certification in Engineering Technologies - Cert. #107695
Highway Construction – Level IV
New Jersey Society of Asphalt Technologists

EDUCATION

Mount St. Mary's College
New Jersey Highway Authority Training Seminars
Occupational & Safety Health Act Seminars



Alaimo Group
Consulting Engineers

JUSTIN J. DIMEGLIO

Senior Project Manager

PROFESSIONAL

Experience:

Mr. DiMeglio joined Alaimo Group in November 2016 as a Civil Design Engineer and has over 6 years of experience in the Highway Department. Responsibilities involve the development of preliminary and final roadway improvement plans. Improvements plans include the design of roadway geometry (layout, profile, and roadway cross-slopes), maintenance and protection of traffic and pedestrian plans, bridge culvert replacement/renovation, traffic signage and striping, curb ramp design/construction, roadway grading, roadway drainage network design, and roadway lighting plans. As project manager he regularly coordinates with the County/Township Engineering Departments and sub-consultants to ensure project compliance.

Mr. DiMeglio is fully knowledgeable in the requirements for the Manual on Uniform Traffic Control Devices (MUTCD), NJDOT Standard design practices such as Roadway Design Manual and Standard Details, Construction Cost Estimation, Local State Aid Certification, ADA Certification, Utility Coordination, and Supplementary Specification preparation for multiple Counties. He has routinely submitted and received approval for Soil Erosion and Sedimental Control from the Conservation Districts throughout New Jersey in addition to working with New Jersey Department of Environment on permit acquisition.

A sample of Mr. DiMeglio's past Highway Design projects completed through construction includes Improvements to the Intersection of Sullivan Way and Ryders Lane (County Route 617), East Brunswick Township; the Intersection of Oak Tree Road (County Route 604) and Grove Avenue, Edison Township; Main Street (County Route 670) and Pulaski Avenue Borough of Sayreville; and Drainage Improvements to Scott Avenue, Borough of Sayreville.

EDUCATION

The College of New Jersey, B.S., Civil Engineering, 2015



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



**NATIONAL INSTITUTE FOR CERTIFICATION
IN ENGINEERING TECHNOLOGIES®**

Providing Certification Programs Since 1961

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*

DARYL BRONZEILL
Field Services Representative

PROFESSIONAL

Experience:

Daryl Bronzeill 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, County Agencies, or others for our municipal utilities authorities and governmental clients.

Typical work includes bridge and roadway, 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; landscaping; and general site improvements.

Certifications:

Construction Safety and Health Specialist
Construction Site Supervisor
OSHA 30 Certification
NFPA Hazardous Materials Operation Certification
NJHA - Work Zone Safety Certificate



*Alaimo Group
Consulting Engineers*

RICHARD BRAVERMAN
Coordinator Field Services

PROFESSIONAL

Experience:

Mr. Braverman is an exceptionally experienced and versatile Field Services Representative with well over thirty years (35) years of experience in construction management, inspection and observation. For twelve years as a Construction Foreman his responsibilities included installing pensions, water and sewer, main lines, and storm water collection systems throughout southern New Jersey.

Mr. Braverman strives for respect and pride in workmanship. Throughout the years, his background has expanded to include other municipal and utility authority infrastructure projects such as Water and Wastewater replacements, repairs and improvements.

Most recently, Mr. Braverman served as a Senior Project Construction Manager for a PFOS Water Treatment Facility in East Greenwich, New Jersey.

Specific examples of construction oversight project experience are as follows:

2.5 years as Head Inspector of A 5 MGD Upgrade to the Mount Holly Sewer Treatment plant.

15 years as Chief Inspector for Alaimo engineers maintaining and educating a 12 man inspection department.

Additional experience has included 10 years as general Superintendent for roads and utility construction.



*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



*Alaimo Group
Consulting Engineers*

References

Berkeley Township Sewerage Authority

255 Atlantic City Boulevard
Bayville, NJ 08721
Carmen Memoli, Executive Director
cmemoli@btsanj.com
(732) 269-3500

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

Ocean County Utilities Authority

501 Hickory Lane
Bayville, NJ 08721
Keith Marcoon, Executive Director
kmarcoon@ocua.com
(732) 269-4500

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

South Brunswick Township Utilities

540 Ridge Road
Monmouth Junction, NJ 08852
Bryan Bidlack, Manager
bbidlack@sbttnj.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*

Client History

Utilities Authorities/Water and Sewer Departments

MUNICIPAL

Atlantic City Municipal Utilities Authority
Berkeley Township Sewerage Authority
Berkeley Township Municipal Utilities Authority
Bloomingdale Borough Sewer Department
Brick Township Municipal Utilities Authority
Camden City Water and Sewer Department
Cinnaminson Sewerage Authority, since 1969
Delran Township Sewer Department
Delran Sewerage Authority
Deptford Township Municipal Utilities Authority
East Greenwich Township Sewer Department
Edgewater Park Sewerage Authority
Evesham Municipal Utilities Authority, since 1970
Florence Township Water & Sewer Department, since 1980
Hainesport Township
Hamilton Township
Jackson Township Municipal Utilities Authority
Lakewood Municipal Utilities Authority
Linden Roselle Sewerage Authority
Manchester Utilities Authority
Maple Shade Township Sewer Department
Medford Lakes Borough Sewer Department
Moorestown Township Sewer Department
Mount Holly Municipal Utilities Authority, since 1967
Mount Laurel Municipal Utilities Authority, since 1971
Old Bridge Municipal Utilities Authority, since 1967
Old Bridge Township Sewer Department
Palmyra Borough Sewer Department
Paramus Borough Sewer Department
Pemberton Borough Water and Sewer Department
Pemberton Township Municipal Utilities Authority
Pennsauken Sewerage Authority
Penns Grove Sewerage Authority
Pompton Lakes Municipal Utilities Authority
Ringwood Borough Water and Sewer Department

Riverside Township Sewer Department
Riverside Water Reclamation Authority
Riverton Borough Sewer Department
South Brunswick Township Water and Sewer Department
Summit City Sewer Department
Toms River Municipal Utilities Authority
Totowa Borough Sewer Department
Voorhees Township Sewer Department
Wanaque Borough Water and Sewer Department
West Milford Municipal Utilities Authority
Willingboro Municipal Utilities Authority, since 1974
Woodbridge Township Sewer Department
Woolwich Township Sewer Department

COUNTY

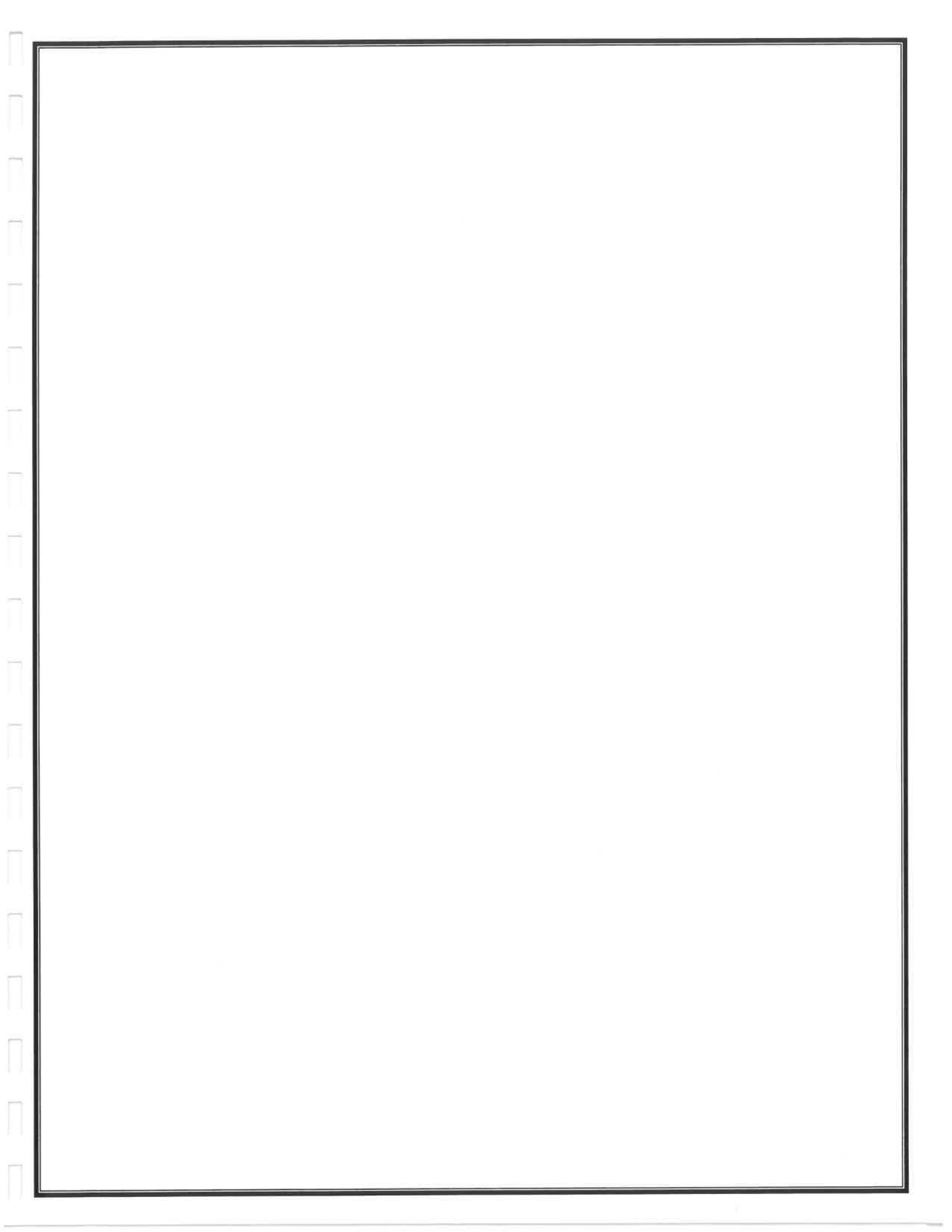
Bergen County Utilities Authority, since 2004
Burlington County Board of Commissioners
Gloucester County Utilities Authority
Middlesex County Utilities Authority
Morris County Utilities Authority
Ocean County Utilities Authority
Passaic County Utilities Authority

STATE - REGIONAL

North Jersey District Water Supply Commission
Passaic Valley Sewerage Commission
Passaic Valley Water Commission
Pequannock River Basin Regional Sewerage Authority

FEDERAL

Lakehurst Naval Air Engineering Center
McGuire Air Force Base
Picatinny Arsenal





*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 Side - 10,200 sqft ± Under Roof



Radium Removal (4) Tanks



NCWTP 12/20/20 Aerial View Street Side



Carbon Filters (6) 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

2020

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

Thomas Merotke, Township Manager

GOVERNING BODIES

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-Trichloroethane (1,2,3-TCEP), 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, Torpedo 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

<i>Project/Award</i>	<i>Granting Organization/Date</i>
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













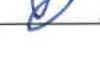

*Mileage charges are based upon IRS approved rates for the current year.
 Prints, copies and other out-of-pocket expenses are billed at direct cost.
 AutoCAD billed at \$20 per hour.
 Robotic Total Station billed at \$40 per hour.
 Global Positioning System billed at \$60 per hour.
 Hourly rate in all 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)

January 22, 2025
Date

Date

22-1824833
Vendor's FEIN

Vendor's FEIN

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

Vendor's Phone Number

609-845-0300
Vendor's Fax Number

Vendor's Fax Number

rlyons@alaimogroup.com
Vendor's Email Address

Vendor's Email Address

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. 262r(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).

MORRIS COUNTY MUA

Affidavit of Non-Debarred Status

AFFIDAVIT OF NON-DEBARRED STATUS

STATE OF NEW JERSEY)
) SS:
COUNTY OF)

I, Robert Lyons of the City/Town of

Medford, in the County of Burlington

and the State of New Jersey, of full age, being duly sworn according to law on my oath depose and say that:

I am Robert Lyons, a Chief Financial Officer, Secretary
(Name) (Title, Position, etc.)

of Richard A. Alaimo Associates, the Bidder
(Name of Firm, Company or Corporation)

making the Bid for the Morris County Municipal Utilities Authority and that I executed the said Bid with full authority so to do; that said Bidder at the time of making this Bid is not included on the State of New Jersey, State Treasurer's List of Debarred, Suspended and Disqualified Bidders; and all statements contained in said Bid and in this affidavit are true and correct and made with the full knowledge that the Morris County Municipal Utilities Authority relies upon the truth of the statements contained in said Bid and in the Statements contained in this affidavit in awarding Contract for said project.

The undersigned further warrants that should the name of the firm, company or corporation making this Bid appear on the State Treasurer's List of Debarred, Suspended and Disqualified Bidders at anytime prior to, and during the life of the Contract, including the Guarantee Period, that the Morris County Municipal Utilities Authority shall be immediately so notified by the signatory to this Eligibility Affidavit.

The undersigned understands that the firm, company or corporation making the Bid as a CONTRACTOR is subject to debarment, suspension and/or disqualification in contracting with the State of New Jersey and the Department of Environmental Protection if the CONTRACTOR, pursuant to NJAC 7:1-5.2, commits any of the acts listed therein, and as determined according to applicable law and regulation.



(Signature of Bidder)

Robert Lyons, Chief Financial Officer, Secretary
(Printed or Typed Name & Title of Bidder)

200 High Street, Mount Holly, NJ 08060
(Address of Bidder)

(Seal if Corporation)

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

**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

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.

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.

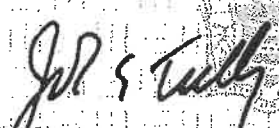
We have attached a Proof of Registration Certificate for your use. To comply with the law, if you are currently under contract or entering into a contract with a State agency, you must provide a copy of the certificate to the contracting agency.

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, NJ 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

A handwritten signature in black ink, appearing to read 'Elizabeth Maher Muoio'.

**Elizabeth Maher Muoio
State Treasurer**

Certificate Number : 6149461963

Verify this certificate online at

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

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) _____ (Applies to accounts maintained outside the United States.)	
	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"/>	
	5 Address (number, street, and apt. or suite no.). See instructions. 200 High Street	
	6 City, state, and ZIP code Mount Holly, NJ 08060	
7 List account number(s) here (optional)		
		Requester's name and address (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										

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

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

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/Certificate #

SIGNATURE
Cari Zain
ACTING DIRECTOR

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

Signature of Licensee/Registrant/Certificate Holder

24GA27988500

LICENSE/REGISTRATION/CERTIFICATION #

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.

