

**Environmental Consultant  
RFP 19-024 Environmental Services  
Morris School District Board of Education, Morristown, NJ**



**June 11, 2020**

**Table of Contents**

<u>Section</u>	<u>Page</u>
I. Introduction.....	1
Firm Overview .....	1
Office Locations.....	2
Management Plan.....	2
Quality Assurance and Quality Control (QA/QC) .....	4
Health and Safety .....	5
II. Key Personnel .....	7
Resumes .....	9
III. Firm Experience.....	20
Representative Project Examples .....	20
Services to School Boards with Reference Contacts .....	26
IV. Scope of Services .....	28
Hazardous Materials (Asbestos, AHERA Inspections, Lead-based Paint, PCBs, Radon).....	28
Indoor Air Quality.....	30
Environmental Health and Safety (EHS) Training .....	31
Value Added Services (Mercury Vapor, Lead in Drinking Water, Facility Disinfection).....	31
Brinkerhoff Certifications for Professional Services .....	32
Required Forms .....	41
Bid Submission Form Checklist	
Bid Pricing/Proposal	
Brinkerhoff 2020 Fee Schedule	
Deviation Form	
Vendor Questionnaire Certification	
Acknowledgement of Addenda	
Affirmative Action Questionnaire	
Brinkerhoff Certificate of Employee Information Report	
Mandatory Equal Employment Opportunity Language	
Non-Collusion Affidavit	
Bidder's Comment Form	
C.271 Political Contribution Disclosure Form	
Statement of Ownership Disclosure	
Disclosure of Investment Activities in Iran	
Brinkerhoff NJ Business Registration Certificate	
Bid Guarantee/Certificate of Surety	
Brinkerhoff Sample Certificate of Liability Insurance	

## I. Introduction

Brinkerhoff Environmental Services, Inc. (Brinkerhoff) is submitting this proposal to provide Environmental Consultant Services to the Morris School District Board of Education (Board) as described in RFP 19-024. Brinkerhoff has completed similar work for schools in communities throughout New Jersey and has an excellent working relationship with the New Jersey Department of Environmental Protection (NJDEP) and the US Environmental Protection Agency (USEPA). The firm understands the complexity and importance of this work to ensure the health and safety of students and staff members and has the knowledge, technical competence, and qualified personnel to complete the services in a timely manner. Brinkerhoff is committed to providing the best possible professional environmental services to the Board and to working with the school staff to schedule and safely accomplish the environmental services requested.

Brinkerhoff provides technical oversight of environmental issues confronting many school districts in NJ and neighboring states, offering experienced, certified and licensed professionals to evaluate hazardous materials and design remedial strategies to reduce the related health risks. School districts are confronting Asbestos Containing Material (ACM), Lead Based Paint (LBP), Lead in Drinking Water (LIW), Indoor Air Quality (IAQ), Radon, Mercury Vapors found in gymnasiums and recreational areas, and most recently Facility Viral Disinfection issues. Brinkerhoff proposes to provide Environmental Consultant Services as requested by the Board to address these important environmental issues

### Firm Overview



Brinkerhoff was established 30 years ago to provide exceptional quality services in the areas of revitalization of urban schools and redevelopment of environmentally safe public buildings. Clients include educational institutions, childcare facilities, public agencies, and private developers. The firm's professional services include, but are not limited to Hazardous Material Investigations; Indoor Air Quality (IAQ) screening and sampling; Licensed Site Remediation Professional (LSRP) services; Mercury Abatement Consultation;

Environmental Consultation Services; Environmental Inspection and Regulatory Compliance; Environmental Planning and Permitting; Environmental Studies and Statements;; Environmental Site Assessments (ESAs); management of Brownfields sites; wetlands delineation services.

The firm has an outstanding reputation and the technical qualifications specific to the required services, highlighted as follows:

- ✓ Brinkerhoff is a NJ-based firm specializing in the environmental services needed by the Board, located in close proximity to the school district;
- ✓ Experienced staff familiar with the protocols and challenges of working in school facilities;
- ✓ Dedicated technical staff committed to responding quickly to Board requests.

Brinkerhoff's professional staff is licensed and certified by the NJDEP, the State of NJ Department of Community Affairs (NJDEP) and maintains Occupational Safety and Health Act (OSHA) certifications. The firm is fully equipped to perform all project-related functions.

The firm's staff has enjoyed a long and successful history of service to public agencies and private Clients. The high percentage of repeat engagements and excellent working relationships with numerous Clients are attributable to a serious commitment to our work and a record of having consistently provided high quality professional services, especially in terms of cost control, quality of work, and compliance with project schedules.

## Office Locations

Brinkerhoff is available to the facilities of the Board within 30 minutes or less from our Newark office and one hour 's travel time from the corporate office in Manasquan for meetings, conferences, training, and emergency response.

### Corporate Office

Contact Name/Title	Laura Brinkerhoff, LSRP, CPG, Principal
Company Address	1805 Atlantic Avenue
City, State Zip Code	Manasquan, NJ 08736
Telephone Number	732-223-2225
Facsimile Number	732-223-3666
Email	LBrinkerhoff@BrinkEnv.com

### Newark Office

Contact Name/Title	Laura Clifford, LSRP, Office Manager
Company Address	614 Frelinghuysen Avenue
City, State Zip Code	Newark, NJ 07114
Telephone Number	862-237-9161
Facsimile Number	862-237-9166
Email	LClifford@BrinkEnv.com

### Medford Office

Contact Name/Title	Jim Gibson, Office Manager, Sr. Project Manager
Company Address	133 Jackson Road, Suite D
City, State Zip Code	Medford, NJ 08055
Telephone Number	609-714-2141
Facsimile Number	609-714-2143
Email	JGibson@BrinkEnv.com

## Management Plan

Brinkerhoff's Management Approach for providing program and project management under on-call Task-Order contracts are presented in this section. In general, the staff is organized under the following roles: Principal, Senior Project Manager, Project Manager, Quality Assurance/Quality Control (QA/QC) Manager and technical staff.

Principal - The Principal reviews the scope, budget and timeline for each Task Order requested by the Client and will select, with the assistance of the Senior Project Manager, a highly qualified Project Manager for the Task Order. The Principal is responsible for high level coordination of in-house disciplines and consultants, coordination of QA/QC and direct communication with the Client. The Principal is a single point of contact that will interact with the Client's Contract Manager regarding overall contract administration.

Senior Project Managers - The Senior Project Manager selects, with approval of the Principal, the Project Manager who will then form a team and prepare a written scope, budget and project schedule for Principal and Client approval. Once the Client approves the proposal, the Senior Project Manager and Project Manager will convene an introductory meeting with key technical personnel to explain the aspects of the project. The Senior Project Manager assigns responsibilities to each Project Manager, dependent upon the scope and technical needs of the task.

Project Manager - Project Managers report to the Senior Project Manager and directly supervise the technical staff and subconsultants responsible for executing the work required by each Task Order. The Project Managers are responsible for cost management and schedule control. They are selected for their technical expertise and coordinate directly with the Senior Project Manager and Principal for the purpose of directing and reviewing status of work tasks for projects. Brinkerhoff Project Managers are well respected for their ability to engage a professional team in cooperation with the regulatory agencies providing technical and administrative oversight.

Managing Subconsultants - Subconsultant selection is determined by the Principal, Senior Project Manager, and Project Manager depending on the requirements and requests of the Client. Subconsultants are selected from the Project Team, or, in cases where a specialized service is required that is not covered by a Project Team member, Brinkerhoff has long-standing relationships with specialty consultants to provide such services. Selected subconsultants must submit written proposals, insurance certificates with the same coverage requirements as the Brinkerhoff Project Team, provide evidence of licenses and certifications, and adhere to Brinkerhoff's QA/QC and Health and Safety Plans (HASPs). Subconsultants are required to follow the schedule developed by Brinkerhoff for the project and attend meetings with the staff and/or Client as necessary. Senior Project Managers and Project Managers work directly with the subconsultants through project closeout.

Project Work - The Senior Project Manager assigns project work to the appropriate technical staff. Regular updates and results are communicated between the technical staff and the Senior Project Manager. The technical staff and the Senior Project Manager and subconsultants (as required) will meet twice monthly (more often if needed) to review results of completed milestones and to verify that the project is on course, on budget and on schedule. Corrections to the project plan are made as needed to comply with Client's requirements. Deviations are immediately discussed with the Principal and communicated to the Client so that Brinkerhoff offers the best possible outcome for the Client. Frequent meetings with technical staff allow the Senior Project Manager to monitor the quality of work each team member performs.

Maintaining Communication - Open lines of communication, up and down the chain-of-command, are important for the successful completion of a project. The Senior Project Manager meets regularly with the Principal to discuss the progress of each task. The Senior Project Manager communicates directly with technical staff and subconsultants completing the work, on a weekly basis or more frequently to determine status of each task and to offer assistance. Continuous communication is important to the success of complex projects, especially those of short duration and critical deadline. Twenty-four-hour open communication is available to proposed personnel via cell phone and email; in cases where projects span a weekend or evening hours, on-call staff is assigned to coordinate the work.

Brinkerhoff will maintain open communication with the designated Board representatives, and Key Personnel at governmental agencies based on need. We are committed to periodic, regular meetings between the Board and Brinkerhoff staff to foster open communication and project understanding. In addition to the preparation of comprehensive reports which detail the findings of environmental evaluations, personnel at the firm are often called upon to provide expert testimony before land use development boards, governmental agencies, and courts of law.

Reporting - Members of the technical staff and subconsultants are responsible for reporting findings and sample results to the Senior Project Manager, and compiling data into report format for QA/QC. Reports are verified through the QA/QC process before Client review. Final reports go through a second QA/QC process before review by the Senior Project Manager, submission to the Client and oversight agencies.

Electronic Reporting and Management - Brinkerhoff is fully capable of providing reports, information and invoicing electronically, and prefers this alternative. Data and information are shared through web-based technologies such as Dropbox and Filezilla. Direct email is a standard alternative using compressed files. Brinkerhoff uses various management information systems for scheduling, estimating, cost and

performance tracking. Our proposal is to utilize the management information system preferred by the Client to streamline information sharing.

Cost Estimating, Schedules, and Cost Control - Project Managers are responsible for preparing work scopes and associated costs based on specific Task Order requirement identified by the Client. The project planning and resultant schedule is accomplished through open communication with the Client, and a clear understanding of the objectives. Brinkerhoff's standard procedure involves preparation of schedule and hour estimates to accomplish a given task, coordinating when necessary with selected subconsultants. The employee hourly charges are subject to the firm's annually reviewed overhead rate. When outside services such as excavating, laboratory analytical testing, drilling, or waste disposal are needed, Brinkerhoff obtains written cost proposals from several suppliers, generally three (3), to control expenses. Project cost proposals are reviewed by a Senior Project Manager before submittal to the Client, and upon contract assignment they are the responsibility of the Project Manager to track and provide reporting and invoicing. Each Project Manager is responsible for conducting a monthly review of proposed and invoiced costs, scheduling and reviewing changes with the Senior Project Manager and Client.

Schedule and Capacity - Brinkerhoff is prepared to immediately begin work assigned under this contract. Technical staff assigned to this proposal is currently working at 60% to 75% of capacity. We anticipate completion of 10%-25% of backlog in each month, thereby providing access to 25% to 35% capacity to take on similar projects within the estimated time frame.

Brinkerhoff anticipates receiving requests for specific tasks, and dependent upon the Client needs (non-emergency vs. short turnaround time required). Brinkerhoff staff assigned for the specific area of environmental need will prepare a scope/fee estimate within one (1) to two (2) business days. Projects with emergency requirements are responded to immediately. If selected for a task, the assigned staff will arrange a project kickoff meeting to verify the needs of the Client and the project schedule.

#### **Quality Assurance/Quality Control (QA/QC)**

Brinkerhoff's QA/QC plan operates on several levels; the first level focuses on the Client's expectations and satisfaction and periodic evaluation of overall effectiveness of project execution. The second level encompasses the QA/QC process. A project specific Quality Control Plan (QCP) is applied to projects to evaluate and accept data obtained during an assignment in order to complete work correctly the first time. It is based on the proven belief that an independent review of working documents and deliverables is required to satisfy the obligation to provide a quality product. We accomplish this by establishing a continuous cycle of quality verifications which is incorporated into a process of checking, reviewing, and approving documents and products tailored to each individual project. The QA/QC roles on this contract are separated from the other aspects of project management, to avoid potential compromise by cost or schedule pressures. This approach ensures that the QA/QC functions are not sacrificed for the sake of project schedule or budget. Key staff members involved in QA/QC management are highlighted below:

- ✓ Laura Brinkerhoff, LSRP, CPG, Principal is responsible for the overall quality of services. She brings extensive understanding and experience in the implementation of QA/QC.
- ✓ John Checchio, Vice President of Technical Services/Senior Environmental Engineer, acts on behalf of the Client in making contract execution decisions. He provides access to reach back resources within Brinkerhoff and subconsultants and conducts Client expectation and satisfaction surveys as part of the QA/QC program.
- ✓ Robin Singer, QA/QC Manager performs the various reviews, audits, and other procedures at the specified stages of project development. Ms. Singer is unaffiliated with the work being reviewed and provides an independent technical review at key milestones.

The QA/QC Plan includes specific actions for project start up that begin with a review of procedures to be used in each phase, including the review of analyses, designs, plans and specifications, work by subconsultants and subcontractors, and engineering services during construction, as well as protocols for subsurface explorations, *in-situ* field testing, instrumentation installation, and laboratory testing. Quality is verified throughout the project management process. Brinkerhoff staff and our team of subconsultants will adhere to comprehensive QA/QC procedures focused on integrating quality into our work products. Office and corporate managers will perform regular project file reviews to validate adherence to quality technical and business practices. Computations, analyses, designs, reports, and official correspondence are peer reviewed in accordance with written policies and procedures.

The program for quality and procedures runs through the Brinkerhoff staff and our Project Team of subconsultants. We have found that the foundation of successful project management is the clear communication of expectations from each team member. Work is managed with proven procedures that help us monitor and control the work with the intent of doing the best possible job in the most efficient manner.

### **Health and Safety**

Brinkerhoff performs work under a safety program which provides systematic policies, procedures, and practices to protect its employees from occupational safety and health hazards. This program includes provisions for identification, evaluation, and prevention or control of general workplace hazards, specific job hazards, and potential hazards which may arise from foreseeable conditions.

Brinkerhoff assesses the information collected during site characterization including types and levels of contaminants, physical properties of each contaminant and the potential exposure of each contaminant. The firm then develops a site-specific, comprehensive HASP in accordance with regulatory requirements to protect on-site workers as well as the surrounding public. Brinkerhoff implements the site-specific HASP which may include on-site air monitoring and air testing services, making recommendations to on-site workers during specific site tasks, and liaison with regulatory agencies.

Written Safety Program - Brinkerhoff developed a written HASP to designate protocols to be followed at sites during investigation and remediation activities. The program includes a comprehensive Workplan, standard operating procedures, a site-specific HASP, training program, and medical surveillance program. Current safety standards as defined by USEPA/Occupational Safety and Health Administration (OSHA) / National Institute of Occupational Safety and Health (NIOSH) were taken into consideration for the development of the plans.

Training Program - Consistent with OSHA regulation 29 CFR 1910.120 covering Hazardous Waste Operations and Emergency Response, site personnel receive initial 40-hour training and maintain annual eight (8) hour refresher training. At a minimum, personnel are required to be trained to recognize the hazards on-site and the provisions of the HASPs. Specific training required for worksites where heavy construction equipment is in use additionally includes OSHA 10-hour Construction Safety and Health Training and OSHA Confined Space training.

Personal Protection Equipment (PPE) Program and Respiratory Protection - Brinkerhoff provides employees with appropriate safety equipment and protective clothing as specified in the HASP and ensures that safety equipment and protective clothing is properly used and maintained. The purpose of PPE is to shield or isolate individuals from the chemical, physical and biological hazards that may be encountered on-site. The two (2) basic objectives of the PPE program are to protect the wearer from safety and health hazards and to prevent injury to the wearer from incorrect use and/or malfunction of the PPE. In developing the PPE program, Brinkerhoff identifies hazards or suspected hazards, considers the employee's potential exposure routes and the performance of the PPE materials and seams in providing a barrier to the hazards. Brinkerhoff's methods of protection include four (4) categories as follows:

1. Level A – Greatest level of protection for exposure to hazards affecting the skin, respiration, and eyes. Equipment used for this level of protection includes positive pressure, full face-piece self-contained breathing apparatus (SCBA) or positive pressure supplied air respirator with escape SCBA, totally-encapsulating chemical-protective suit, inner and/or outer chemical-resistant gloves, and disposable protective suit, gloves, and boots.
2. Level B – Protection for circumstances requiring the highest level of respiratory protection with a lesser level of skin protection. Equipment used for this level of protection includes positive pressure, full face-piece SCBA or positive pressure supplied air respirator with escape SCBA, inner and/or outer chemical-resistant gloves, face shield, hooded chemical resistant clothing, coveralls, and outer chemical-resistant boots.
3. Level C – This most used method is required when the concentration and type of airborne substances is known and the criteria for using air purifying respirators is met. Equipment used for this level of protection includes full-face air-purifying respirators, inner and outer chemical-resistant gloves, hard hat, escape mask and disposable chemical-resistant, outer boots.
4. Level D – This level represents the minimum protection required. Equipment used for this level of protection includes gloves, chemical coveralls, safety glasses, face shield, and chemical-resistant boot covers or shoes, and is sufficient provided no contaminants are present, or work operations preclude splashes, immersion or the potential for unexpected inhalation of or contact with hazardous levels of various chemicals. Brinkerhoff ensures that chemical protective suits meet the standards developed by the National Fire Protection Association (NFPA).

Brinkerhoff's personal use limitations include the restriction of facial and/or long hair, gum and/or tobacco chewing, and spectacle kits installed in the face masks of workers requiring vision correction, providing a gas-tight seal. Brinkerhoff's equipment limitations include the importance of proper operation. Workers are encouraged to report perceived problems or difficulties to their supervisor.

In selecting PPE, Brinkerhoff considers the anticipated duration of the work mission. Several factors that may limit the mission length include air supply, equipment effectiveness, temperature and coolant supply. Regarding air supply consumption, Brinkerhoff considers work rate, fitness, body size and breathing patterns. Regarding work mission duration, Brinkerhoff considers suit/ensemble permeation, degradation and penetration, ambient temperature, and coolant supply.

Brinkerhoff instructs employees to safely store clothing and respirators to prevent damage or malfunction due to exposure to dust, moisture, sunlight, damaging chemicals, extreme temperatures, and impact. Brinkerhoff divides maintenance of equipment into three (3) levels. Level one (1) requires a few common tools or no tools at all. Level two (2) requires maintenance that can be performed by Brinkerhoff's maintenance shop. Level three (3), requires maintenance that can be performed only by the factory or an authorized repair person.

Brinkerhoff trains its employees, prior to actual PPE use, in the proper use and fitting of PPE to become familiar with the equipment in a hazardous situation, instill confidence and awareness in the user of the limitations and capabilities of the equipment, increase the operating and protective efficiency of PPE use, and reduce maintenance expenses.

Brinkerhoff's PPE program includes clearly defined donning and doffing procedures which are practiced routinely, and according to OSHA standards. Inspection procedures include inspection and operational testing of equipment received from the factory/distributor, inspection of equipment as issued, inspection before and after use or training and prior to maintenance, and periodic inspection of stored equipment. Brinkerhoff reviews its PPE program annually, following OSHA guidelines, to evaluate its effectiveness.

Respiratory Protection Program - Brinkerhoff established a respiratory protection program in accordance with OSHA Standard 29 CFR 1910.134. At the onset of each job, the Project Manager will evaluate the

site contaminants and appropriate respiratory protection for the job. Protective air purifying respirators will be provided as per the HASP. Procedures have been established for ensuring daily cleaning, maintenance, and change-out of filters.

As part of its standard issue field safety equipment, Brinkerhoff provides employees with NIOSH-certified respirators. Brinkerhoff's Medical Monitoring Program requires employees to have fit test exams to ensure the least possible leakage and that the respirator is fitted properly.

## II. Key Personnel

Brinkerhoff staff are capable, consistent in their performance, and quick to integrate the wealth of their experience with new, project-specific data. The firm's staff members possess excellent communication skills, an integral aspect of our success on many complicated projects where Brinkerhoff has served as the Client's liaison. Many of our staff members have participated in community relations activities and public hearings. Our staff is experienced and ready to meet the challenges that may be presented. Staff members have worked together for many years creating strong team bonds and the efficiency to seamlessly provide service to the Board while ensuring the safety and security of the work environment. The following provides a brief synopsis of the key personnel proposed to provide service to the Board. The firm organizational chart is presented on the next page

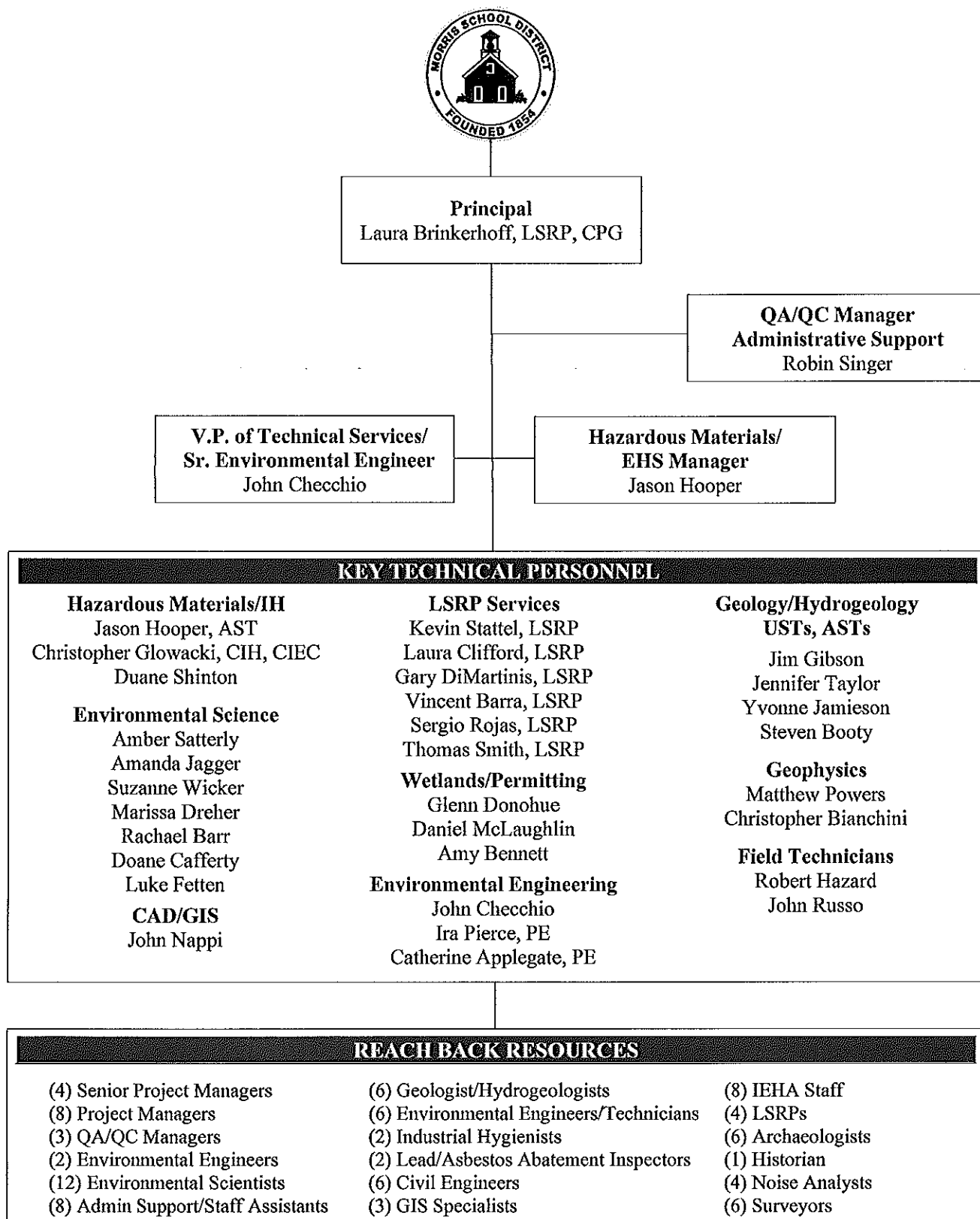
**Laura Brinkerhoff, LSRP, CPG, Principal**, is a Professional Geologist/ Hydrogeologist with more than 25 years of field and management experience. Ms. Brinkerhoff's specialized knowledge and experience encompasses environmental assessments, remediation, permitting, wetlands, stream encroachment, tideland, and soil conservation issues. She has coordinated and managed projects for hazardous waste sites, UST removal, on-site disposal facilities, groundwater treatment systems, and emergency spill responses. She has a demonstrated capacity for engaging a team of professionals to complete assignments in an efficient and cost-effective manner and has an excellent working relationship with many agencies, including the NJDEP and USEPA.

**Jason Hooper, Hazardous Materials Senior Project Manager**, will serve as the Senior Project Manager for this effort. He supervises the Hazardous Materials Management team and provides project administration of work accomplished. He is well versed in performing work in secure environments, overseeing projects at universities and school sites, military facilities, and public buildings, throughout New Jersey where security clearances are required. His experience includes remedial design of asbestos, lead and mold conditions for schools and public buildings. His technical experience includes asbestos, LBP, and mold investigations and sampling, preparation of reports, permitting and preparation of remedial specifications. He has prepared bid specifications and is experienced with the process of obtaining bids and overseeing contractors on public projects. As a Project Designer, Mr. Hooper prepares LBP safe work practice guidelines and asbestos abatement designs, specifications, and required permits, and oversees the abatement process. Mr. Hooper is a licensed Asbestos Safety Technician (AST) and a NJDHSS Lead Inspector/Risk Assessor.

**Christopher Glowacki, Certified Industrial Hygienist (CIH), CIEC, Industrial Hygienist**, has over 10 years of experience in industrial hygiene, Indoor Air Quality (IAQ), mold, and asbestos projects in New Jersey. His experience includes conducting initial investigations, forensic water intrusion evaluation, sampling, data interpretation, report writing, developing SOWs, supervising remediation/abatement, clearance investigations, litigation support, occupational exposure assessments, respiratory protection training and fit testing, lab hood evaluations, and project management. He has provided assistance to school districts in investigation and mediation of Public Employees Occupational Safety and Health (PEOSH) complaints. He also performs Right to Know Act compliance support including preparing hazardous materials survey and preparation of materials (Hazardous Materials Safety Data Sheets, etc.) for inclusion in the Right To Know Central file for schools and public agencies.



## 2020 Organizational Chart



**LAURA BRINKERHOFF, LSRP, CPG**  
President/CEO/Principal

Ms. Brinkerhoff is a Certified Professional Geologist (CPG) and New Jersey Department of Environmental Protection (NJDEP) Licensed Site Remediation Professional (LSRP) with 30 years of technical and management experience. Since 1989, Ms. Brinkerhoff has directed a team of environmental professionals engaged in the public and private sector evaluation and remediation of environmental issues. Ms. Brinkerhoff directs a technical staff of more than 50 professionals who are responsible for assisting Clients with regulatory compliance in New Jersey and surrounding States. Ms. Brinkerhoff determines company use of personnel on projects and oversees employee performance. She regularly meets with project managers for the purpose of directing and reviewing status of work and coordinates projects with the firm's Clients. Her broad range of project experience is segregated into comprehensive categories highlighted on the following pages.



Ms. Brinkerhoff has successfully directed assessment and remedial design at public buildings undergoing renovation and/or demolition, industrial and commercial Brownfield sites, landfills, and hazardous waste disposal sites. She is well respected for her ability to engage a professional team in cooperation with the regulatory agencies providing oversight.

**Public Buildings and Schools**

Multiple Site Feasibility, and Health and Safety Projects for New Jersey School Development Authority (NJSDA): Ms. Brinkerhoff managed the Southern Region Feasibility Studies contract under the NJSDA (formerly NJSCC) to provide various environmental consulting services which included soil and groundwater remediation, remedial investigation, and remediation design at many school projects within the Abbott districts under the jurisdiction of the NJEDA. The soil and groundwater remediation projects were initially identified during a Preliminary Assessment/Site Investigation (PA/SI) performed as per the NJDEP Technical Requirements. Sites are within urban areas of New Jersey and consist of former industrial and commercial properties on which remediation will result in a site that may be developed for school use.

City of Philadelphia Schools – Multiple School Project Sites: Ms. Brinkerhoff directed environmental work at the Henry A. Brown Elementary School related to the removal and proper disposal of a hydraulic oil/water mixture that was discovered in an onsite elevator shaft after the piston for the former elevator was removed. Brinkerhoff coordinated the onsite decommissioning and removal events with Oak Group, Inc./STV, and the pumping/removal of the liquid waste was undertaken by Environmental Maintenance Company (EMC). Multiple pumping events of the elevator shaft were required, as the liquid continued to reenter the elevator shaft from the piston shaft after the piston was removed. Ms. Brinkerhoff worked with members of her Project Team, the school district, and subcontractors to complete the environmental cleanup which was concluded when contaminant levels detected were below the Pennsylvania Department of Environmental Protection (PADEP) action levels.

Proposed New Lincoln High School Site: Ms. Brinkerhoff worked closely with the Philadelphia School Improvement Team (PSIT) to manage the Phase I ESA of the property identified as the proposed new Lincoln High School site, 7335 Rowland Avenue, Philadelphia, Philadelphia County, Pennsylvania, consistent with the American Society for Testing and Materials (ASTM E 1527-05) Standard Practice for Environmental Site Assessments: Phase I ESA Process Scope of Work (SOW). The purpose of this assessment was to review the general environmental condition of the land that comprises the subject property; specifically, areas of recognized environmental conditions (RECs) on and near the property and records of those areas that might have adversely impacted the property owner or operator under existing Federal, State, and local environmental laws, and to recommend further actions necessary to confirm, quantify, or abate those conditions.

City of Newark Schools – Multiple Project Sites: Ms. Brinkerhoff provided environmental services under multiple contracts with the City of Newark Schools. Her staff has completed environmental health and

safety improvement inspection, performed asbestos inspections, developed remedial specifications and overseen the cleanup process required for demolition and reconstruction projects in more than 20 Newark Schools. Projects completed include Lincoln School, Wilson Avenue School, Cleveland Elementary School, Martin Luther King Jr. Elementary School, Malcolm X. Shabazz High School, Samuel L Berliner School, Lafayette School and others. Projects were performed with occupant safety as a primary concern.

City of Newark Housing Authority (NHA): Ms. Brinkerhoff directed ACM investigations at multiple housing units within The Baxter Terrace Complex due to anticipated demolition of the buildings. Her professional staff completed the investigations, and thereafter prepared summary reports outlining the findings. Under her direction, the staff prepared project specifications for the removal of the hazardous materials. Ms. Brinkerhoff oversaw periodic monitoring of asbestos removal/abatement and supervised ACM inspections on multiple NHA facility roofs.

New Jersey Department of Property Management and Construction (DPMC): Environmental work completed for the DPMC has spanned the State of New Jersey and multiple project sites, including police and fire buildings, juvenile detention centers, laboratories, and other public buildings. Ms. Brinkerhoff has coordinated contract negotiations with the agency, prepared designs and environmental specifications, conducted contractor oversight, and prepared documents as needed for regulatory submissions at each of the project sites under her management.

Microbial Inspections at JJ Howard Marine Laboratory, Sandy Hook, Monmouth County, NJ: Ms. Brinkerhoff managed the microbial inspection, prepared remedial designs, and field supervised the remedial action at the Howard Marin Laboratory facility. Inspections were conducted in response to National Oceanic and Atmospheric Administration's (NOAA) complaint of visible mold growth in the first floor Conference Room 103 and its concern for employee safety and health. The New Jersey Indoor Air Quality Regulations, NJAC 12:100-13, indicated that visible mold should be abated, and the source of the water/moisture infiltration repaired. Ms. Brinkerhoff successfully supervised the field and office work necessary to complete this project to the satisfaction of the Client and impacted agency personnel.

NJ State Police, Troop B Headquarters Roof Replacement: Ms. Brinkerhoff supervised hazardous materials inspections which included an ACM and LBP investigation at the New Jersey State Police Troop B Headquarters located in the Borough of Totowa, Passaic County, New Jersey. The investigation was limited to the roof of the subject building and the interior ceiling components and roof deck.

NJ Training School for Boys, Jamesburg, Middlesex County, NJ: Ms. Brinkerhoff directed the ACM and LBP inspections at several buildings, the water tower and a pit located at the New Jersey Training School for Boys in Jamesburg, Middlesex County, New Jersey. The investigation included corridor ceilings within several Housing Unit Buildings, the Control Room in the Administration Building, and ceilings within Food Service Building 32. Basement ceilings and pipes were potentially impacted by proposed renovations, thus requiring analysis for the presence of potential hazardous materials. Upon confirmation of hazardous materials, Ms. Brinkerhoff supervised preparations of specifications, and her staff oversaw the contracted remedial work.

### **Public Transportation Projects**

NJ Turnpike Authority (NJTA) - Interchange 6 to 9 Widening: Ms. Brinkerhoff worked with The Louis Berger Group from July 2007 through March 2009 as a team member on the NJTA Interchange 6 to 9 Widening Program. Ms. Brinkerhoff oversaw the performance of 26 Phase I Environmental Site Assessments (ESAs) for residential and commercial properties within the Right-of-Way acquisitions in Middlesex, Mercer, and Burlington County. Under her oversight, Brinkerhoff personnel conducted background research of Federal, State and local databases, then conducted field inspections to identify recognized environmental conditions as defined by American Society for Testing and Materials (ASTM). In addition to the ESAs, Ms. Brinkerhoff's staff performed asbestos and lead-based paint surveys of the structures per regulatory standards to determine pre-demolition abatement conditions. Challenges of the project involved coordination of access and completing the required reports within a compressed time schedule.

The Port Authority of NY & NJ, City of Newark Portfields Study, Newark, NJ: Ms. Brinkerhoff oversaw environmental work as part of a Project Team for the Newark Portfields Study. The study was performed to evaluate the redevelopment contracts on three (3), 50+ acre mixed-used properties within the Port Area being considered for warehouse and manufacturing purposes. A portion of the team effort was to conduct environmental assessments of the property for regulatory compliance, including environmental assessments, wetlands, and land use.

PATH Harrison Station Replacement and Upgrade (PANYNJ), Harrison, NJ: LSRP, Wetland and Permitting Services: Ms. Brinkerhoff is the lead Environmental Consultant/LSRP on this redevelopment project for PATH Station Upgrades in Harrison, NJ where soil and groundwater contamination, flood hazard permit requirements, wetlands, and overlapping areas of site ownership with pending NJDEP cases impact the area. Ms. Brinkerhoff is working on the project team with Dattner Architects (design) and PB (engineers) to integrate environmental solutions with the proposed design and construction. The project involves properties owned by PANYNJ and others, with LSRP issues under resolution from prior owners while design and construction plans advance via the NJDEP Linear Construction Guidance Document. Ms. Brinkerhoff has facilitated design of a remedial cap with a sub-slab depressurization system to accommodate the design, while preventing exposure to facility occupants. Ms. Brinkerhoff coordinated applications for the flood hazard area individual permit.

NJ Turnpike Authority, Interchanges 141, 145, 150, 153, 154/155P, 155, 157, Union and Passaic Counties, NJ: Manager of the operational and safety interim and long-range improvements at the afore-mentioned interchanges under subcontract to Greenman-Pederson, Inc. Hazardous Waste Screening (HWS) Reports were prepared that provided conclusions and recommendations for each interchange improvement area based on the information obtained and reviewed during the HWS preparation.

#### **Brownfield and Portfield Redevelopment**

City of Newark Portfields Evaluation: Ms. Brinkerhoff directed environmental work as part of a Project Team for the Newark Portfields Study contracted by the New Jersey Economic Development Authority (NJEDA) and Port Authority of NY and NJ. The study was performed to evaluate the redevelopment constraints on three (3) mixed used properties within the Port Area being considered for warehouse and manufacturing purposes. Properties evaluated were large tracts varying in size from 25 to 50 acres that were formerly used for chemical processing, municipal landfills, industrial processing, drum storage and disposal. Brinkerhoff's portion of the team effort was to conduct environmental assessments of the property for regulatory compliance, including environmental assessments, wetlands, and land use. Remedial estimates and development of a cleanup strategy resulted.

City of Jersey City - Liberty Harbor North Brownfield Redevelopment: Liberty Harbor North is a large-scale mixed-use planning and redevelopment project along the waterfront in Hudson County, New Jersey. Ms. Brinkerhoff was retained by the project developers to manage the environmental assessment, regulatory compliance, and remedial action requirements for the project area. The site was formerly used for rail yards, industrial manufacturing, landfill, mixed with housing, schools and other commercial establishments. Work at this site included identification and preparation of Remedial Action Workplans (RAWs) for funding via grants, tax incentives and low interest loans available through the Federal and State Brownfield programs.

City of Perth Amboy - Cornucopia Cruise Lines Brownfield Redevelopment: Ms. Brinkerhoff managed the environmental compliance and securing of regulatory approvals at this waterfront Brownfield redevelopment site which encompasses approximately 15 acres along the Raritan River in Perth Amboy, New Jersey. Her work included environmental management: assessment, remediation, wetland mitigation, regulatory compliance, grant applications, and bulkhead and dock permitting. The property was formerly owned by the IGI Petroleum Specialty Company, and title was obtained by the City of Perth Amboy through eminent domain. Contamination at the site was related to the emplacement of historic fill and hazardous materials which were used in the former manufacturing processes. Site plan approval was granted under Ms. Brinkerhoff's management for the development of a \$5 million facility for Cornucopia Cruise Lines, Inc. which offers dinner cruises around the New York Harbor.

### **Geophysical Surveys and Groundwater Modeling Studies**

Fort Monmouth Groundwater Modeling Studies: Ms. Brinkerhoff supervised the design of several base wide groundwater models for the entire Fort Monmouth base over the past several years. Modeling studies were completed using Surfer and ModFlow software packages and included thousands of data points maintained by the base over many years. The groundwater modeling was designed to evaluate contaminant isopleth maps and flow regimes on the base, for future use in design of groundwater remedial systems. Ms. Brinkerhoff and her Project Team conducted geologic and hydrogeologic evaluations of regional and site-specific conditions to determine the modeling input parameters, in cooperation with senior level base personnel. Multiple iterations of the programs were performed to develop optimum output. The groundwater modeling plots were output in cross-section and 3-D displays and presented at public meetings upon completion. Future work at the base will involve predictive mapping for input of data into Classification Exception Area models.

Geophysical Investigation, Atlantic Avenue, Brooklyn, NY: Ms. Brinkerhoff supervised an in-house staff of geologists and geophysicists while under contract to investigate the former Atlantic Avenue subway using geophysical investigation methods. Her staff scanned the Atlantic Avenue area to map a buried subway tunnel containing a suspect locomotive more than 175 years old. The Brinkerhoff staff designed and implements the field investigation using EM-31, EM-61 magnetometers, ground-penetrating radar, and a Cesium vapor magnetometer. The data was field acquired with instrumentation tied to global-positioning systems (GPS), thereby allowing real time processing of data on field computers to determine the success of the investigation. Ms. Brinkerhoff and her staff are currently designing a low impact soil boring program to field verify the artifacts under study.

### **Renewable and Sustainable Energy Projects**

Quinton Solar Power I, Panda Power, Dallas, TX: Ms. Brinkerhoff coordinated the preparation of a feasibility environmental analysis to assist the Client in determining the viability of constructing a 10 MW solar power plant project at this 103 acre former horse and agricultural farm property in Quinton Township, Salem County, NJ. The feasibility analysis included examination of existing wetland, floodplain and threatened and endangered (T&E) species issues. Upon acquisition of the property, Ms. Brinkerhoff managed the Phase I ESA and EIS in support of the project.

Various Proposed Solar Farm Projects, EffiSolar, Coquitlam, BC, Canada: Ms. Brinkerhoff is overseeing the assessment of various properties throughout New Jersey to determine the potential of developing large-scale solar facilities. Ms. Brinkerhoff coordinates the staff responsibilities which include performing a preliminary wetland assessment for each project site to determine feasibility of the development. Subsequent tasks include other phases of environmental work.

Proposed Solar Farm, Garden State Solar, Mannington, NJ: During the Client's environmental due-diligence period, Ms. Brinkerhoff supervised the tasks providing technical assistance and consultation regarding several species of wildlife listed as either rare, threatened or endangered reported to exist on this 130 acre farmland property. Ms. Brinkerhoff reviewed the final EIS which was prepared for the property as part of a previously proposed residential subdivision and provided Client and agency recommendations for moving the project into development phase.

### **Health and Safety**

Ms. Brinkerhoff has overseen the firm's Health and Safety Program for more than 20 years. She has received training and is certified in Health and Safety as per OSHA 1910.120, and maintains annual updates to remain current with the safety standards. Her safety management has resulted in an exemplary safety record and rating over many years with the insurance industry and public regulatory agencies.

### **EDUCATION**

B.S., Geology and Geophysics, Boston College, 1978  
Stratigraphy, Sedimentology, Tulane University, 1981  
Groundwater Hydrology, Stockton State College, 1990  
Industrial Wastewater System Operator's Course, Rutgers University, 1995

**REGISTRATIONS AND PROFESSIONAL CERTIFICATIONS**

NJDEP Licensed Site Remediation Professional (LSRP) No. 574863  
Certified Professional Geologist, AIPG Certification No. 8042  
Professional Geologist, Pennsylvania, No. PG-001191-G  
Professional Geologist, Delaware, No. S40000913  
Licensed Subsurface Evaluator, No. 9949  
Licensed N-2 Industrial Wastewater Treatment System Operator, No. 0014816  
40-hour OSHA Certification, 29 CFR 1910.120  
Certified Environmental Inspector, Environmental Assessment Association  
Amtrak Contractor Employee Safety Training, No. 16667  
EPA/AHERA/Pennsylvania Asbestos Building Inspector

**AFFILIATIONS AND PROFESSIONAL ASSOCIATIONS**

American Institute of Professional Geologists, AIPG  
American Association of Petroleum Geologists, AAPG  
National Groundwater Association, NGWA  
Society of American Military Engineers, SAME  
Monmouth/Ocean Development Council, MODC  
New Jersey Association of Women Business Owners, NJAWBO  
Industrial and Commercial Real Estate Women of New Jersey, ICREW  
Marine Trades Association  
Environmental Assessment Association  
Fuel Merchants Association

**JASON HOOPER, AST**

Hazardous Materials Senior Project Manager

Mr. Hooper has over 10 years of experience managing hazardous materials on projects in, New Jersey, New York, and the Commonwealth of Pennsylvania. His environmental experience includes remediation project management of asbestos, lead and mold for schools, public facilities, and commercial buildings, in, New Jersey, New York City, and the City of Philadelphia Schools. His technical experience includes asbestos, lead-based paint (LBP), polychlorinated biphenyls (PCBs) and indoor air quality and mold investigations and sampling, research, preparation of reports, preparation of remedial specifications, and construction administration.



**Hazardous Materials Management – Public Buildings, Schools, Commercial Facilities**

Mr. Hooper coordinates and manages a team for all hazardous materials project phases including analyzing scope of work, proposal preparation, survey, final design, and accounts receivable. He researches public records of current projects and generates reports and drawings based on laboratory results and scope of work. He is also the liaison between various testing labs, project managers, architects, engineers, and regulatory agencies. He prepares design specifications for hazardous materials alteration/renovation projects based on architectural, mechanical, engineering and electrical drawings, and prepares billing reports and associated documentation.

Elizabeth Public Schools – Asbestos Hazard Emergency Response Act (AHERA) Compliance and LSRP Oversight, Elizabeth, NJ. – Mr. Hooper serves as the Project Manager of the Hazardous Materials team performing AHERA inspections and surveys of 29 school facilities in Elizabeth, NJ. As a certified Asbestos Safety Control Monitor (ASCM), Brinkerhoff staff under Mr. Hooper's direction, provided asbestos abatement design, monitoring, air sampling, permit preparation, and final clearance sampling at Christopher Columbus School #15 and Madison Monroe School#16. Mr. Hooper is currently managing the 6-Month Periodic Surveillance required by the United States Environmental Protection Agency's (USEPA) AHERA. In addition, he is coordinating the Brinkerhoff Licensed Site Remediation Professional (LSRP) services to oversee and monitor the disturbance of historic fill material during the installation of a high backfield fence for the school baseball field.

Brookdale Community College, Pre-Demolition, Building Assessments and Environmental Investigations, Former Camp Evans, Fort Monmouth, Wall, NJ: As Project Manager, Mr. Hooper was responsible for scheduling, managing, and the supervision of Brinkerhoff field staff for pre-demolition building assessments and hazardous materials sampling of concrete, asbestos-containing material (ACM), Lead based paint (LBP) and suspect polychlorinated biphenyls (PCBs) of 31 structures under investigation as part of the demolition project at the Former Camp Evans site, Fort Monmouth, Wall, NJ for Brookdale Community College. He performed QA/QC upon receipt of data. Hazardous materials were confirmed present in all sampling streams, including PCBs in concrete. He developed technical specifications for pre-demolition abatement and a waste management plan to facilitate the safe and legal off site disposal of the hazardous materials identified.

E-Waste Management of Environmental Risks throughout School District of Philadelphia School Buildings and Facilities: Brinkerhoff under contract to the School District of Philadelphia (SDP), Office of Environmental Management and Services (OEMS) coordinated and monitored the e-waste management of multiple schools and administrative facilities within the City of Philadelphia. Mr. Hooper monitored the labor, equipment, supervision, materials and transportation for the proper packaging, labeling, collection, transporting, testing, storage, and disposal of all hazardous waste generated at more than 300 SDP locations. Facilities include K-12, vocational, charter and technical schools throughout the City of Philadelphia. Mr. Hooper directly supervised inventories of hazardous, regulated, and environmental waste (E-waste) for each assigned facility to verify the quantities of regulated materials pending off-site disposal; scheduling, coordination, and the packing, labeling, and removal of the waste in accordance with applicable regulations,

ensuring that the subcontractors and assigned workers met security requirements of the SDP; documentation and logging of on site activities of the waste hauler and reviewed and approved necessary manifests for off-site transport of the waste materials; subcontractor time records, waste disposal manifests and packing materials quantities utilized on each school and administrative building; provided SDP with complete documentation packages for each collection and waste disposal event including, but not limited to, types and quantities of waste, the manifests and records of legal disposal, certificates of recycling, waste profiles, analytical data, and work logs.

NYC Department of Health & Mental Hygiene (NYCDOH) /Asbestos, Lead Paint & Mold Services Task Order Contract for building inspection, design, and oversight in the Five Boroughs: Since 2016, Brinkerhoff has supported the NYCDOH by conducting Asbestos, Lead-Based Paint and Mold Services for various Health Centers within the five Boroughs of New York. Mr. Hooper managed investigations to identify the presence of ACM, LBP, and mold that may be disturbed during proposed renovations of the subject buildings. Mr. Hooper coordinated with NYCDOH and scheduled, directed, managed, and invoiced timely LBP investigations, asbestos investigations and sampling, and mold assessments in accordance with local, state, and federal regulations.

New Jersey School Development Authority (SDA) – Hawthorne Elementary/University High School: Mr. Hooper developed and executed an asbestos survey and environmental feasibility study of a demolition project of 70 different residential properties for the NJSDA including the collection and analysis of over 2000 bulk samples for asbestos. He directly supervised the inspection and abatement monitoring phases.

Green Brook Regional Center (DPMC): Mr. Hooper conducted a Hazardous Materials Inspection at the Green Brook Regional Center, Green Brook, New Jersey for the DPMC in response to proposed replacement of roofs as specified by the Client. Mr. Hooper worked closely with facility managers and the architect to limit the impact of the investigations due to the sensitive population of disabled adults residing at the center. Inspections were for ACM, LBP, and PCB-containing caulking within the areas of the proposed buildings and roofs scheduled for renovation. Mr. Hooper, a Brinkerhoff AHERA-certified Asbestos Inspector and NJ-certified Lead Inspector/ Risk Assessor, managed the investigations. ACM was confirmed by laboratory analysis on 10 different roofs. Mr. Hooper recommended proper asbestos abatement/handling procedures be implemented prior to remediation work. Restroom exhaust vents located on the roofs were the only suspect materials tested to be confirmed lead. PCB-containing caulk was confirmed present on exterior facade expansion joint caulk below roofs K and L. For any materials disturbed as part of the proposed roof replacement, Mr. Hooper recommended proper abatement and disposal of PCB bulk product waste in accordance with the USEPA TSCA requirements.

Metropolitan Transportation Authority (MTA)/ Johnson, Mirmiran & Thompson / Environmental Consulting for the Canarsie L Train Reconstruction Project, New York, NY: Brinkerhoff Environmental Services, Inc. (Brinkerhoff) was retained by Johnson, Mirmiran and Thompson (JMT) to provide environmental consulting services to evaluate the engineering controls and safety plans intended to mitigate silica dust exposure and negative impacts to air quality during the Canarsie L Train reconstruction to repair damage sustained from Superstorm Sandy. The site runs from the 1st Avenue Station on the "L" Line in Manhattan to Bedford Avenue Station in Brooklyn. The site consists of two (2) under river tunnels located in the East River. Meeting directly with MTA Chairman and Board members, Mr. Hooper consulted on the public concerns regarding safety during work performed at active stations. Mr. Hooper managed acquisition of MTA track training for personnel, review of Contractor plans and submittals, coordination and performance of overnight and weekend site inspections, and with JMT reported directly to the MTA Board of Directors.



**EDUCATION**

B.S., Marine Science – Resource Management, Richard Stockton College of NJ, Pomona, NJ, 2005

**PROFESSIONAL CERTIFICATIONS**

New Jersey Asbestos Safety Technician #01148

AHERA Asbestos Building Inspector

AHERA Asbestos Project Designer

New Jersey Lead Inspector/Risk Assessor #033501

Radiation Safety Certificate for Lead-Based Paint Detection Equipment

USEPA/AHERA Asbestos Building Inspector (valid in NY/NJ/PA)

NYC DEP Asbestos Investigator #118701

NYS DOL #05-17079 Asbestos Inspector, Project Designer

City of Philadelphia Asbestos Investigator #0583

**CHRISTOPHER GLOWACKI, CIH, CIEC**

Certified Industrial Hygienist, Manager – Environmental Safety

Mr. Glowacki is a Certified Industrial Hygienist and Environmental Scientist with more than 10 years of experience in industrial hygiene, indoor air quality (IAQ), mold, and asbestos projects in New Jersey, New York, Pennsylvania, Delaware, Ohio, and Puerto Rico. His experience in industrial hygiene, facilities assessments, and indoor environments includes conducting building investigations, forensic water intrusion evaluation, sampling, data interpretation, report writing, development of scopes of work, supervision of remediation, clearance investigations, litigation support and project management. He is experienced in conducting occupational exposure assessments including respirable dust and silica, and chemical exposures. His experience with Environmental Health and Safety includes OSHA compliance services associated with the respiratory protection, respirable crystalline silica, asbestos, hazard communication, fall protection, confined spaces, formaldehyde, and general workplace/site safety.



**ASBESTOS AND HAZARDOUS MATERIALS**

Mr. Glowacki has conducted and/or managed projects including asbestos surveys, and facility hazardous materials surveys for existing facilities, complaint investigations, pre-construction surveys, and pre-demolition surveys. Some of the projects he has been involved with include:

**AHERA (Inspections and Surveys) and Right To Know Compliance, Various Locations, NJ**

- ✓ AHERA Compliance Support Mr. Glowacki has performed AHERA inspections and re-inspections at many school districts throughout New Jersey including: Barnegat School District, Sea Girt School District, and Gibbsboro School District. He has been the consultant providing Right to Know compliance assistance to the Eatontown School District for the past four years.

**New Jersey Juvenile Justice Commission, Term Contract**

- ✓ Hazardous Materials Inspections - Johnstone Campus Juvenile Medium Security Facility (JMSF): Mr. Glowacki performed asbestos surveys at the Johnstone Campus Juvenile Medium Security Facility in Bordentown, NJ for the New Jersey Juvenile Justice Commission (NJJC). The project scope of work included identification of suspect asbestos containing materials, bulk sampling, and identifying locations and quantities of confirmed asbestos containing materials.

**Dattner Architects Design Team, General Services Administration (GSA), Term Contract**

- ✓ Environmental Consulting Services, Hato Rey Campus, Rainforest Kids Child Care Center, and Toledo Courthouse, San Juan, PR: Mr. Glowacki performed asbestos surveys and managed the lead-based paint surveys of the sites for multiple Hurricane Maria recovery and facility upgrade projects. The project scope of work included identification of asbestos containing materials and lead-based paint within the GSA project scope of work affected areas, sampling, and identifying locations and quantities of confirmed asbestos and lead, developing Hazardous Materials Abatement plans including issuing of drawings and specifications for abatement.

**INDOOR ENVIRONMENTAL CONSULTING, IAQ, MICROBIAL, AND MOLD**

Mr. Glowacki has conducted and/or managed over one thousand (1,000) mold and IAQ investigations in settings including residential properties, commercial properties, public and private schools, construction sites, and manufacturing facilities. He has technical experience ranging from basic field inspections to insurance and litigation support. Some of the projects he has been involved with include:

- ✓ Forensic water intrusion evaluation with emphasis on building defects and warranty matters related to stucco, stone, brick, windows, and roofing, mold assessment, development of scopes of work for remediation, oversight of remediation, and clearance inspections for single family homes, condominiums, townhomes, and community clubhouses in NJ and PA for multiple Fortune 500 residential developers.

- ✓ Mold inspection, developing scopes of work, and overseeing remediation for an apartment complex in King of Prussia, Pennsylvania with over 600 residential units.
- ✓ Development of written compliance programs pursuant to the NJ Public Employee Occupational Safety and Health (PEOSH) IAQ Standard.
- ✓ Mold inspection, sampling, data interpretation, report writing, and oversight of projects in multiple residential and commercial properties damaged by Super Storm Sandy.
- ✓ Litigation support including expert review of plaintiff and defense reports, conducting independent assessments, and report writing on multiple projects.

#### **Mercer County Buildings and Grounds Division, Term Contract**

- ✓ Mercer County Administration Building Mold Inspection: In response to mold growth resulting from water damage in a kitchenette at the Mercer County Administration Building, Mr. Glowacki performed inspections and sampling, and issued a report which included recommendations for remediation.
- ✓ Mercer County Extension Services Mold Inspection: A Mold Inspection was requested for the Mercer County Extension Services building in response to mold growth discovered behind built-in shelving units. Mercer County staff had removed the built-ins and found mold growth on walls. Mr. Glowacki performed the initial inspection and sampling and, issued a report with recommendations. Mold remediation was performed by a third-party contractor. Mr. Glowacki performed a clearance evaluation and sampling, and upon completion, issued a final report.
- ✓ Mercer Civil Courthouse, IAQ Assessment: Mr. Glowacki performed an IAQ assessment of the Surrogate's Office in response to an employee complaint filed with Public Employees Occupational Safety and Health (PEOSH). Brinkerhoff performed the assessment and sampling and, issued a report for the County to use as their official response to the PEOSH complaint.
- ✓ Mercer County Prosecutor's, Mold inspection: Mr. Glowacki performed a Mold inspection at the Mercer County Prosecutor's Office in response to employee complaints of mold on light fixtures and other interior surfaces in a section of the building known to have ongoing issues with moisture and humidity. Mr. Glowacki performed the initial inspection and sampling and issued a report with recommendations. HVAC systems were addressed, and mold remediation was performed. Once work was completed, Mr. Glowacki performed a clearance inspection with sampling, and a final report was issued.

#### **Monmouth University, West Long Branch, New Jersey**

- ✓ Maplewood Hall, On-Campus Apartments, HVAC Mold Assessment: Mr. Glowacki performed mold assessments, development of scopes of work, and oversight of remediation for HVAC systems and mechanical closets for 24 apartments and common areas.

#### **INDUSTRIAL HYGIENE**

Mr. Glowacki has managed and participated in many industrial hygiene projects including occupational exposure assessment, respiratory protection, and lab hood evaluations. Some of the projects he has been involved with include:

- ✓ Annual and semi-annual occupational exposure assessment to formaldehyde, solvents, alcohols, etc., for a Fortune 500 clinical diagnostic laboratory in their regional laboratory which processes over 50,000 clinical specimens per day.
- ✓ Semi-annual occupational exposure assessment for the research department laboratory of an international firm specializing in bromine, phosphorous, and mineral based fire retardants.
- ✓ Occupational exposure assessment in response to an OSHA complaint from an automobile dealer service department conducting warranty repairs to several hundred vehicles using products containing toluene, methyl methacrylate, and other solvents.

- ✓ Routine laboratory fume hood evaluations in public schools and private commercial facilities.
- ✓ Occupational noise exposure monitoring in manufacturing facilities for a leading provider of functional food ingredients, nutritional premixes and baking supplies.
- ✓ Respiratory protection program development, training and fit testing services for a variety of operations including pesticide application, powder coating and spraying operations, emergency response teams, clinical diagnostic laboratories, and asbestos/mold remediation contractors.

**Metropolitan Transportation Authority (MTA)/ Johnson, Mirmiran & Thompson**

- ✓ Canarsie Tunnel L-Train Reconstruction Project, New York, NY: Mr. Glowacki performed pre-project industrial hygiene consulting services including a review of the project Silica and Dust Management Plans, and the project Health and Safety Plan. During the construction phase, Mr. Glowacki performed regular site inspections to observe dust-related conditions and dust mitigation effectiveness, observe the work-in-progress dust and silica monitoring, and observe general construction-safety compliance.

**Merck and Co., Rahway, NJ**

- ✓ Rahway Site Building 80BX Renovation Project: Mr. Glowacki performed silica and respirable dust monitoring during gut-renovation project updating an 88,000 square foot pharmaceutical research facility. He performed silica monitoring for compliance with the new OSHA respirable crystalline silica standard as well as training and technical oversight of staff performing daily respirable dust monitoring during interior demolition of masonry walls.

**EDUCATION**

BA Biology – Richard Stockton University, Pomona, NJ. 2006

AS Business Administration – Ocean County College, Toms River, NJ. 2003

**REGISTRATIONS AND PROFESSIONAL CERTIFICATIONS**

ABIH Certified Industrial Hygienist (CIH) #11701

ACAC Certified Indoor Environmental Consultant (CIEC) #1105010

ACAC Certification Board-Member

EPA/AHERA/NYS Asbestos Building Inspector

EPA/AHERA/NYS Asbestos Project Designer

EPA/AHERA/NYS Asbestos Management Planner

New York State Licensed Mold Assessor

OSHA 10-hour General Industry Training


OSHA 10-hour Construction Training


OSHA Confined Space Entrant/Attendant

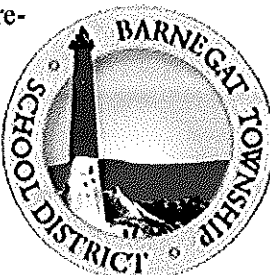
OSHA Aerial/Scissor Lift Operator Training

### III. Firm Experience

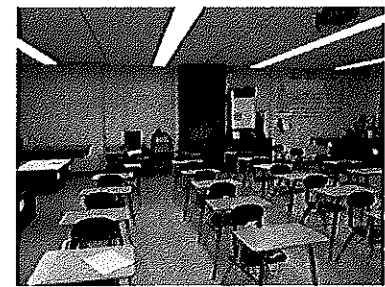
Brinkerhoff has extensive experience providing environmental consulting services to many school districts throughout New Jersey. The following project descriptions demonstrate the depth of knowledge of Brinkerhoff staff with the range of environmental projects requested in this RFP.

<b>Client/Project/</b>	Elizabeth Public Schools/ Environmental Services 2019 / Asbestos Abatement Design and Oversight, Site Remediation, AHERA Inspections	
<b>Client Contact Information</b>	Luis R. Couto, PE, CEFM Elizabeth Public Schools 500 N Broad St. Elizabeth, NJ 07208 908-436-5180	
<b>Project Description</b>	<p>Brinkerhoff Environmental Services, Inc. (Brinkerhoff) was retained by Elizabeth Public Schools to provide environmental services on a task order basis during 2019. Environmental services cover a broad range of potential work under the contract, and included primarily hazardous materials management and LSRP services. A brief summary of key projects is presented below.</p> <p>Brinkerhoff provided Asbestos Safety Control Monitor (ASCM) services as per the New Jersey Department of Community Affairs (NJDEA) code 5:23-8 for asbestos abatement in schools. As a certified ASCM Brinkerhoff provided asbestos abatement design, asbestos abatement monitoring and air sampling, permit application, and final clearance sampling at Christopher Columbus School #15 and Madison Monroe School#16. Working closely with Elizabeth Public Schools, the NJDEA, and the Contractor Brinkerhoff assisted in successful completion of the air-conditioning system installation prior to the start of the 2019-2020 school year.</p> <p>Brinkerhoff is currently performing the 6-Month Periodic Surveillance required by the United States Environmental Protection Agency's (USEPA) Asbestos Hazard Emergency Response Act (AHERA). In 29 Elizabeth Public School buildings, Certified Asbestos Management Planners and Inspectors are examining the catalog of suspect and confirmed asbestos-containing materials (ACM). Based on the condition and disposition of the material, Brinkerhoff updates the Asbestos Management Plan and makes recommendations for remediation as necessary.</p> <p>LSRP services are being provided by Brinkerhoff at the ballfield site where a soil Remedial Action Permit (RAP) exists capping historic fill material. The ballfield cap will be disturbed during installation of new fenceposts to support a high backfield fence which will prevent stray balls from crossing into the adjacent street. Historic fill material will be disturbed during the fencepost installation, thereby requiring LSRP oversight, modification to the existing deed notice, and preparation of a revised RAP. Brinkerhoff is currently awaiting contractor selection by the Elizabeth Public Schools to coordinate the site health and safety requirements, LSRP oversight, institutional and engineering controls. A Remedial Action Report (RAR) will be prepared at the conclusion to document work completed and the modified site conditions.</p>	

<b>Client/Project</b>	Technical Specifications for Mercury-Catalyzed Polyurethane Flooring and Asbestos Containing Floor Tile Removal, Freehold Learning Center and Park Avenue School, Freehold, NJ/Hazardous Materials Investigation and Abatement, AHERA Regulatory Compliance,	
<b>Client Contact Information</b>	Joseph Bilotti, Facilities Manager Freehold Borough School District 280 Park Avenue, Freehold, NJ 07728 732-761-2149	
<b>Project Description</b>	<p>Brinkerhoff Environmental Services, Inc. (Brinkerhoff) was retained by Freehold Borough School District to provide Environmental Consulting services and create technical specifications for the removal of hazardous materials. Approximately 3,400 square feet (SF) of flooring known to contain mercury was proposed to be removed from the Multipurpose Room at Freehold Learning Center and approximately 500 SF of asbestos-containing floor tile (ACM) and mastic from two (2) gym offices at the Park Avenue School.</p> <p><u>Removal and Disposal of Mercury-Catalyzed Polyurethane Flooring at Freehold Learning Center</u> - Professional services were performed in strict accordance with the specifications and supervision, services, insurances, licenses, and equipment necessary for the complete and total removal and disposal of contaminated mercury-catalyzed polyurethane located at the site. Designated mercury-catalyzed polyurethane flooring and associated glue/mastic materials down to the concrete floor located in the gymnasium was removed and disposed of in accordance with regulation. Precautions included but were not limited to isolation of the work area, vapor monitoring, dust/debris control, and personal protection equipment for workers carrying out the removal. A negative pressure work area was established to ensure isolation of the work area. Brinkerhoff reviewed the contractors proposed Health and Safety Plan (HASP) and monitored compliance. Decontamination chambers were erected in accordance with all OSHA requirements and all Federal and State regulatory requirements for proper safety of contractor workers. Work was accomplished in accordance with all applicable Federal, State, and Local regulations, standards and codes governing abatement of this type and any other trade work done in conjunction with the abatement.</p> <p><u>Management of ACM at Park Avenue School, Freehold, NJ</u> - Brinkerhoff created one (1) technical specification for removal of ACM in accordance with applicable regulations and recommended work practices. Asbestos removal specification was for the non-friable abatement of intact floor tile in accordance with New Jersey Department of Health and Senior Services non-friable removal method.</p> <p>The following tasks outline the work process followed to achieve the project goal:</p> <ul style="list-style-type: none"> <li>✓ Pre-Construction Meeting</li> <li>✓ Site Documentation</li> <li>✓ Code Requirements</li> <li>✓ Work Area Preparation: Decontamination Unit, Medical Services &amp; Eyewash Station</li> <li>✓ Protective Clothing and Equipment (including Respiratory Protection)</li> <li>✓ Protection of Workers and Site Visitors</li> <li>✓ Final Clean-Up of Work Area and Disposal of Hazardous Material</li> </ul> <p>Upon satisfactory completion of the work and tests, Brinkerhoff submitted a written final report to the Client which included copies of all records including, but not limited to, daily logs, air sampling and monitoring data, and waste documentation.</p>	

<b>Client/Project/</b>	Barnegat Township School District / Six (6) Schools Pre-Occupancy Assessments / Indoor Air Quality Inspections and Surveys	
<b>Client Contact Information</b>	Barnegat Township School Denise Bolognese, Buildings and Grounds Secretary 550 Barnegat Boulevard North, Barnegat, NJ 609-989-5424 dbolognese@barnetgatschools.com	
<b>Project Description</b>	<p>Brinkerhoff Environmental Services, Inc. (Brinkerhoff) was retained by Barnegat Township School District to perform Indoor Air Quality (IAQ) surveys of the six (6) occupied school buildings and has provided service to the district for four years:</p> <ul style="list-style-type: none"><li>➤ Cecil S. Collins Elementary School</li><li>➤ Joseph T. Donohue Elementary School</li><li>➤ Lillian M. Dunfee Elementary School</li><li>➤ Robert L. Horbelt Elementary School</li><li>➤ Brackman Middle School</li><li>➤ Barnegat High School</li></ul> <p>Brinkerhoff assessed the conditions of the buildings following the summer vacancy and evaluated the conditions that might affect the IAQ upon re-occupancy. General focus of the evaluations was to assess the Public Employees Occupational Safety and Health (PEOSH) Program IAQ Standards including carbon dioxide, carbon monoxide, temperature, relative humidity, water intrusion and microbial contamination.</p> <p>Brinkerhoff performed a physical inspection of the six (6) locations and collected data for analysis of environmental conditions. For general IAQ measurements, a TSI Velocicalc Model #7545 meter and TSI IAQ-Calc Model #9555 meter were utilized. The instruments are equipped with multi-function probes and were set to record four (4) basic functions including Temperature in degrees Fahrenheit (°F), Relative Humidity percentage (%RH), Carbon Dioxide (CO<sub>2</sub>), and Carbon Monoxide (CO). The instruments were used in "Survey Mode", which allows for capture of "snapshot" measurements by the user. The measurements were taken at representative locations within each inspected area, after allowing the instrument to acclimate.</p> <p>Based on the results of Brinkerhoff's IAQ surveys, the schools were deemed to be in generally acceptable condition for re-occupancy. Brinkerhoff recommended water-stained ceiling tiles be replaced, and the conditions monitored; monitoring of relative humidity in several buildings; and, inspection of the HVAC systems to ensure proper function.</p>	



<b>Client/Project</b>	Brick Township Board of Education, Brick Township High School, Science Classrooms Renovations/ Asbestos and Lead Based Paint Inspections (LBP), Project Design, Construction Management and Oversight	
<b>Client Contact Information</b>	Robert Vogel, Director of Facilities Brick Township High School 346 Chambersbridge Road, Brick, NJ 08723 732-785-3000	
<b>Project Description</b>	<p>Brinkerhoff Environmental Services, Inc. (Brinkerhoff) conducted asbestos-containing material (ACM) and LBP inspections within approximately 11 classrooms, corridors, and the associated support spaces at Brick Township High School as part of a multi-phased Science Classroom renovation project. According to the Scope of Work the designated classrooms and corridors were to be renovated to update and convert the spaces to new science classrooms. Brinkerhoff inspected the areas for the presence of potential ACM and LBP and identified asbestos within the thermal system insulation (TSI), floor tile, lab tabletops, and fume hoods. A certified project designer prepared technical specifications and drawings for abatement of the identified ACM in accordance with regulations.</p> <p>Brinkerhoff worked with the project architect and Client to develop a public bid package for the asbestos removal. Brinkerhoff provided construction management services during the design, bid advertisement, bid acquisition, and contracting phases including conducting a pre-bid walkthrough, evaluation of contractor bids, answering requests for information (RFIs), establishing project schedules, and review of change order requests.</p> <p>Abatement methods included general isolation, posting of signs, wet methods, HEPA vacuuming, localized negative air, and cleanup/disposal of all materials within polyethylene waste bags. Pipe insulation was abated using standard glovebag procedures. The glovebag procedure involves attaching 6-mil polyethylene around small sections of piping and its outer wrapping. Tools are placed in the interior pouch of the bag and the bag is sealed airtight with staples and duct tape. The worker accesses the insulation with the polyethylene gloves built into the interior of the bag. The wrapping is sprayed with amended water to saturate the ACM, the bands holding the preformed insulation are removed and the insulation is slit at the seams, removed, and placed into the disposal bag. All residues are removed from the piping with stiff bristle nylon hand brushes or scraper/wire brushes. Negative air is provided by means of a portable HEPA vacuum. The bag is sealed cut down and placed in a second disposal bag before being transported to the waste container. When abatement activities were completed, Brinkerhoff personnel performed a final visual inspection in the boiler room work area. The visual inspection indicated that specified materials had been removed and that no visible dust and/or debris remained within the work area. Following a successful inspection and encapsulation, final air clearance testing was conducted.</p> <p>Air sampling was conducted using electric powered air-sampling pumps placed within and outside each work area. Air was drawn through 25 mm diameter conductive filter cassettes: each containing a 0.8-micron pore size mixed cellulose ester filter membrane. Personnel utilized Phase Contrast Microscopy (PCM) in accordance with the NIOSH 7400 methodology to analyze the air samples. The staff is fully trained and certified through the NIOSH 582 course for air sample analysis, and they successfully participate in the Proficiency Analytical Testing (PAT) quality assurance program. Four (4) air samples were collected during abatement activities and five final air clearance samples were collected within the boiler room work area following cleanup and encapsulation. Air samples yielded results of &lt;0.01 f/cc, the industry clean air standard. Brinkerhoff provided abatement monitoring, air sampling and oversight throughout the completion of all phases. Brinkerhoff personnel analyzed Phase Contrast Microscopy (PCM) air samples on site to provide rapid evaluation of air quality and engineering controls.</p>	



**Client/Project**

Division of Property Management and Construction (DPMC)/ NJ Training School, Jamesburg, Housing Unit 8, Monroe Township, Middlesex County, NJ/Hazardous Materials Inspection Asbestos Containing Materials Inspections



**Client Contact Information**

Gillan & Hartmann  
Kenneth Husbands, PE, Project Engineer  
PO Box 345, Valley Forge, PA 19481  
610-935-0101 Ext. 227

**Project Description**


Brinkerhoff Environmental Services, Inc. (Brinkerhoff), under contract to the Gillan & Hartmann (G&H), conducted a Hazardous Materials Inspection of the NJ Training School Housing Unit # 8 at Grace Hill Road in Monroe Township, Middlesex County, New Jersey. The Hazardous Materials Inspection was performed in response to proposed renovations to the building.

A United States Environmental Protection Agency (USEPA)/Asbestos Hazard Emergency Response Act (AHERA)-certified Asbestos Inspector from Brinkerhoff inspected the accessible areas designated to be renovated as identified by the Client. Brinkerhoff observed suspect materials for the subject building in the form of wall joint compound, gypsum board, vinyl acrylic floor tile (VAT) and associated floor mastics, concrete block and associated mortar, exterior brick and associated mortar, interior caulking, and thermal system insulation (TSI) materials. Samples for asbestos analysis of potential ACM were collected to determine actual asbestos content. Bulk samples of suspect ACM were submitted to IATL International, Inc. and analyzed by Polarized Light Microscopy (PLM) with dispersion staining for friable samples. All non-organically bound (NOB) non-friable materials were analyzed via Transmission Electron Microscopy (TEM).

According to laboratory results, asbestos was detected above the one (1) percent action level in several of the materials tested. Several different types of ACM which would likely be affected by the proposed renovations were positively identified at various locations throughout the subject buildings. Brinkerhoff recommended that all asbestos abatement will have to be performed in accordance with New Jersey Department of Labor and Workforce Development (NJDOLWD) 12:120, NJDOH 8:60, and /or NJDCA 5:23-8 "subchapter 8" by a contractor licensed by the state of NJ for asbestos removal. The NJDOLWD, the New Jersey Department of Health (NJDOH) and the USEPA must be notified in writing prior to the commencement of any abatement activities.

This survey is based upon visual observations of accessible areas within the subject building. Estimated quantities of ACM were based upon observations of readily accessible areas. Specific areas not inspected include the basement of the western porch and the basement of the northeastern extension. These areas were not inspected due to being inaccessible behind sealed doors and/or walls. Inaccessible areas may include interstitial sections inside walls, floors, ceilings, mechanical equipment, electrical cabinets and panels, underground pipe and equipment lines, tunnels, and or their systems. These interstitial spaces, and any other areas within the building, not specifically inspected, should be presumed to contain hazardous materials until confirmatory investigations can be conducted.

Upon completion of the investigation, Brinkerhoff prepared a summary report documenting the process, lab results, findings, conclusions and recommendations.

<b>Client/Project</b>	New Jersey Schools Development Authority (NJSDA), Camden High School, Site Redevelopment, 1700 Park Blvd., Camden, NJ	
<b>Client Contact Information</b>	Mr. Kevin G. Miller, Program Officer New Jersey Schools Development Authority 32 East Front Street Trenton, NJ 08625 KMiller@njsda.gov 609-858-5150	
<b>Project Description</b>	<p>Brinkerhoff Environmental Services, Inc. (Brinkerhoff) led the project team while providing environmental, engineering, geotechnical, Licensed Site Remediation Professional (LSRP) Services, Hazardous Materials (Asbestos, PCB) and Universal Waste Sampling Plan, Preliminary Assessment (PA), Site Investigation (SI), Wetlands Letter of Intent (LOI), Stormwater Management, Geophysical Investigation, and Abatement and Demolition design and oversight.</p> <p><u>Project Description:</u> Camden High School (CHS) is located at 1700 Park Boulevard in the City of Camden, Camden County. Educational facilities consist of a main Building, an Annex and Vocational Wing, approximately 300,000 ft<sup>2</sup> in aggregate. The project goal is to provide a new, approximately 242,000 ft<sup>2</sup> school facility, educating 1,200 students in grades 9-to-12 in Small Learning Communities of approximately 300 students.</p> <p>Brinkerhoff reviewed background documents and developed a plan for the Hazardous Materials, Universal Waste Survey and LSRP services. AHERA reports for the buildings (numerous dates) including:</p> <ul style="list-style-type: none"> <li>✓ Suspect Asbestos Material Sampling Report</li> <li>✓ NJSDA Asbestos Guidance Document</li> <li>✓ Facilities and Condition Assessment Report</li> <li>✓ Phase I Environmental Site Assessment (ESA) and PA Report</li> </ul> <p>Brinkerhoff conducted site visits to assess the conditions of the site/school buildings, and reviewed Client-provided, site specific hazardous materials documentation, including: existing AHERA reports, Suspect Asbestos Material Sampling Report, Facilities and Condition Assessment Report, Phase I ESA and PA Report. Brinkerhoff utilized this research to identify gaps in sampling and laboratory analysis data, such as suspect building materials not sampled, materials assumed to contain asbestos with no confirmation, analysis methods that did not conform with requirements described in the NJSDA Asbestos Guidance Document, and assumed materials that were inaccessible.</p> <p>Brinkerhoff provided LSRP services including a site inspection and assessment of NJSDA provided documents to determine completeness and compliance with NJDEP requirements. The LSRP, with the support of a Project Engineer/Geologist, evaluated documents provided by the NJSDA, including: Phase I ESA and PA Reports, and the Facilities and Condition Assessment Report. After the initial review, it was determined that a PA Report Addendum, SI Report were needed. Brinkerhoff developed plans to complete the environmental investigation and design a Remedial Action Workplan (RAW) to address environmental issues at the site by the engaged Design-Builder.</p> <p>Brinkerhoff completed the work and prepared bid documents to assist the NJSDA with selecting a Design-Builder who will be responsible for the final design and construction of the project. In support of this Design-Build engagement, Brinkerhoff provided NJSDA with environmental and engineering services including pre-design services, hazardous materials and universal waste abatement and demolition oversight, site and building demolition, LSRP, site/civil engineering services, design support associated with NJSDA's Design-Build procurement, and project support services during the Design-Build phase.</p>	

**List of New Jersey School Clients/Reference Contacts**

<b>Client/Location</b>	<b>Contact</b>	<b>Services Provided</b>
<b>Eatontown Public Schools</b>	Frank Primiani 5 Grant Avenue Eatontown, NJ 07724 732-216-1214	Lead Screening -Drinking Water; AHERA 6-month and 3-Year Re- Inspections; Right-To-Know Services (2016 – Present)
<b>Oakland Public Schools</b>	Bob Jacod 315 Ramapo Valley Road Oakland, NJ 973-390-7430	AHERA 6-month and 3-Year Re- Inspections; Asbestos Bulk Sampling (2016- 2019)
<b>Highland Park Schools*</b>	Michael O'Donnell 435 Mansfield Street Highland Park, NJ 08904 732-572-2400	AHERA 6-month and 3-Year Re- Inspections (2016 – 2019)
<b>Sea Girt Board of Education</b>	Michael Bardsley 451 Bell Place Sea Girt, NJ 08750 732-449-3422	AHERA 6-month and 3-Year Re- Inspections (2017 – Present)
<b>Elizabeth Public Schools*</b>	Luis R. Couto 500 N Broad Street Elizabeth, NJ 07208 908-436-5180	AHERA 6-month Inspections, LSRP Oversight, ACM Monitoring, Asbestos Clearance Testing (2019 – Present)
<b>Brick Township Public Schools*</b>	William Kolibas Jr. 346 Chambersbridge Road Brick, NJ 08723 732-785-3000	AHERA 6-month and 3-Year Re- Inspections (2017-2018)
<b>Barnegat Township School District*</b>	Denise Bolognese 550 Barnegat Blvd. North Barnegat, NJ 08005 609-989-5424	Mold Investigations, Remediation, Indoor Air Quality; AHERA 6-month and 3-Year Investigations (2016 – Present)
<b>Gibbsboro School District</b>	Marilyn Harrington 37 Kirkwood Road Gibbsboro, NJ 08026 856-783-1140	AHERA 6-month and 3-Year Re- Inspections (2016, 2017, 2018, 2019)
<b>Hammonton Public Schools</b>	Barbara Prettyman, Bus. Admin. 566 Old Forks Road Hammonton, NJ 08037 609-567-7053	Limited Mold/Moisture Inspections
<b>Holy Innocents School</b>	Bill Maguire 3455 W Bangs Avenue Neptune, NJ 07753 732-922-4242	AHERA 6-Month and 3-Year Inspections
<b>Holmdel Public Schools*</b>	Anne Sullivan 24 Crawfords Corner Road Holmdel, NJ 07733 732-946-1813	Limited Mold Assessment; Indoor Air Quality Assessment (2016, 2017)
<b>Ocean City Public School</b>	Timothy E. Kelley 501 Atlantic Avenue, Suite 1, Ocean City, NJ 08226 609-399-1290	AHERA 6-Month and 3-Year Inspections (2016, 2017)

Client/Location	Contact	Services Provided
<b>Toms River School</b>	Jule Raichle 123 Walnut Street Toms River, NJ 08753 732-505-5655	Asbestos Flooring
<b>Tuckerton Public School</b>	Brian Mathis 213 Marine Street, PO Box 217, Tuckerton, NJ 08087-0217 609-296-2858	Indoor Air Quality (IAQ) Assessment
<b>Long Branch Public Schools</b>	Ann Coyle Degnan, CEFM,  Peter Genovese III Business Administrator 540 Broadway Long Branch, NJ 07740 732-571-2868	Biennial Certification  LSRP Services during Acquisition and Development of Land for a New Elementary School; PA; SI; Soil Sampling; Groundwater Sampling; UST Removal and Closure; Freshwater Wetlands Assessment; Report; Remedial Action Workplan (RAW); Health and Safety Plan (HASP); Groundwater Investigation; Ground Penetrating Radar (GPR)
<b>NJ Schools Development Authority (NJSDA)*</b> - Audrey W. Clarke Elementary - Branch Brook Elementary School and Vailsburg Middle School - Cadwalader Replacement School - Cooper's Poynt Elementary School - Halloran School (Elizabeth, NJ) - Monument High School - Pyne Poynt Junior High School - Rafael Cordero Molina Elementary - Joseph C. Caruso Elementary School (Keansburg, NJ)	Ron Carper, PG 1 West State Street Trenton, NJ 08625 609-858-5375	Vapor Intrusion; Hazardous Materials Inspections; Abatement Specifications and Remedial Design; Abatement Monitoring; ACM,LBP and Mold Investigation/Inspections; LSRP Environmental Consulting; Soil and Groundwater Investigation /Remediation/Remedial Design; RAWs and Remedial Action Report; Site Feasibility;Wetlands Investigation/Determination Report; Preliminary Assessment Report (PAR); Site Investigation Report (SIR); Ground Penetrating Radar (GPR) Surveys; Polyurethane Flooring Investigation
<b>Freehold Township Board of Education*</b> - Board of Education Transportation Facility Property	Ilene Tepper 384 West Main Street Freehold, NJ 07728 732-462-8400 Ext. 8806   Joseph Bilotti 280 Park Avenue, Freehold, NJ 07728 732-761-2149	Technical Specifications for Hazardous Materials Removal; LSRP Environmental Consultant Services; Comprehensive File Review; PA; Memorandum of Agreement (MOA) Preparation; NJDEP Negotiations   Technical Specifications for Mercury-Catalyzed Polyurethane Flooring and Asbestos Containing Floor Tile Removal

#### IV. Scope of Services

Brinkerhoff offers the full range of environmental consulting support requested in this RFP: Asbestos, Indoor Air Quality, Environmental Health and Safety Training (EHS), Laboratory Services; Assistance to District's AHERA Designated Person, and all other EHS services as requested. The following section describes the approach and understanding of each type of service.

##### **Hazardous Materials (Asbestos, Lead-Based Paint Polychlorinated Biphenyls and Radon)**

Asbestos Containing Materials (ACM) - Brinkerhoff conducts inspections for hazardous materials, including ACM, to determine the extent of the materials and the resulting impact and potential cost for demolition or renovation. Work is performed by inspectors that are licensed by the State of New Jersey. Reports detailing findings of the inspections with recommendations for remediation are prepared upon completion. Prior to conducting site inspections, Brinkerhoff reviews site-specific AHERA Operations and Maintenance (O&M) Plans. In accordance with NJDEP regulations, Brinkerhoff develops site-specific Health and Safety Plans (HASPs). Samples of suspect ACM are collected and forwarded under proper chain-of-custody to a certified laboratory for asbestos analysis via Polarized Light Microscopy (PLM) and Transmission Electron Microscope (TEM). Materials are considered ACM if they contain greater than one (1) percent asbestos fibers.

Brinkerhoff reviews prior AHERA reports for the property and conducts ACM inspections of the interior and/or exterior areas requested by the Client. Inspections include identification of suspect ACMs and the collection of samples for laboratory analysis via PLM and TEM non-organically bound (NOB) for non-detect PLM samples. Work is performed in accordance with applicable regulations. Brinkerhoff prepares site specific technical specifications for the abatement/removal of ACMs in accordance with New Jersey Administrative Code (NJAC) 5:23-8 and federal regulations. Brinkerhoff obtains the necessary permits, variances and certificates of occupancy for Subchapter 8 asbestos abatement work. An Asbestos Safety Technician (AST) provides on-site asbestos abatement monitoring services. Upon completion of asbestos abatement, Brinkerhoff conducts field inspections, reviews contractor disposal documentation, and prepares a final report.

Asbestos Inspections and Management Planning - Brinkerhoff conducts asbestos assessments, assists Clients with asbestos management planning, and provides abatement design and monitoring. Asbestos assessments include ACM identification, hazard assessment, cost estimates and associated documentation, and O&M Plans. When ACM is identified within a facility, Brinkerhoff personnel conduct comprehensive quantity surveys and assessments for preparation of the bid specifications.

Asbestos Abatement Services and Specifications - Brinkerhoff performs asbestos surveys and inventories and, if required, incorporates the reports into abatement and demolition construction documents. Brinkerhoff prepares plans and specifications, so that the work is accomplished in accordance with applicable local, state and federal requirements. Construction documents are incorporated into inventories and reports and include plans and specifications for the successful abatement of friable and non-friable ACM. Such documents are prepared in a format acceptable to secure competitive bids and required approvals and permits.

ACM abatement is conducted by licensed Asbestos Contractors in accordance with federal, state and local regulations, and abatement activities are monitored by Brinkerhoff, an independent third-party Asbestos Safety Control Monitor (ASCM). AHERA requires that work that disturbs ACM must be conducted by a company certified in this practice with the oversight of an independent Asbestos Safety Monitor. The objective of the proposed services is to provide an updated Asbestos Management Plan (AMP). The new AMP document is organized and formatted in such a way that the Client can efficiently reference and update asbestos records in the best interest of safety. Brinkerhoff requests that prior to initiation of a project the Client provide available previous reports and management plans, building layout maps, records of

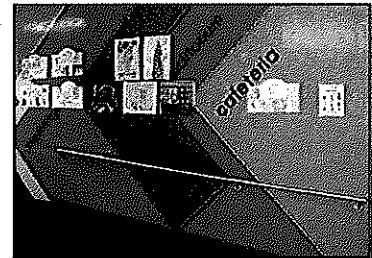
abatement and renovation, and surveys.

Task 1 – Document Review: Brinkerhoff reviews existing documents related to asbestos including Client records of abatement and renovation and as-built floor plans and drawings.

Task 2 – Site Inspection: In accordance with USEPA/AHERA guidelines, Brinkerhoff's certified asbestos inspector/management planner(s) conduct inspections of each facility. Previously identified suspect and confirmed ACMs are assessed for condition and estimated quantities are verified. A unique identifying number is assigned to each functional space for correlation with floor plans. Materials not previously identified are catalogued for addition to the AMP.

Task 3 – Asbestos Management Plan Preparation: The findings, observations, and information recorded in Tasks 1 and 2 are incorporated into an updated AMP. The revised document is organized in accordance with AHERA guidelines and includes the location, condition, approximate quantity of suspect and confirmed ACM. Floor plans are provided to identify the functional spaces within the AMP. The information is organized and tabled to facilitate timely updates and referencing O&M activities. Brinkerhoff affixes asbestos warning labels where needed.

LBP Inspections and Testing - A New Jersey-certified Lead Inspector/Risk Assessor conducts LBP investigations of the interior and exterior of designated properties, using an LPA-1 Lead Paint Analysis System and X-ray fluorescence (XRF) technology to perform the LBP tests. A reading is considered to be positive if it is greater than the United States Department of Housing and Urban Development (HUD) action level of one-point-zero (1.0) milligram per square centimeter (mg/cm<sup>2</sup>) as recorded on the LPA-1. Dust wipe samples are collected at the interior areas where LBP is detected. As part of the exterior risk assessment, composite soil and clearance samples are collected and submitted to a New Jersey-certified laboratory for lead in soil analysis using Flame Atomic Absorption (SW 846-7420). Brinkerhoff creates detailed report of findings and recommendations with associated estimated cost.



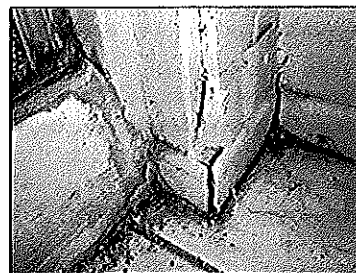
Polychlorinated Biphenyls (PCBs), Mold and other Hazardous Materials - During the inspection phase of facilities for LBP and ACM, Brinkerhoff's field staff is trained to identify transformers, electrical equipment and older light fixtures that may contain PCBs and other hazardous materials (i.e., radioactive exit lights). The staff is also trained in evaluating moisture conditions, water damage and other mold-producing environments that may require remediation at the time of site restoration.

PCB Air Sampling – As needed, air samples will be collected in accordance with NIOSH Method 5503; analyzed for PCBs using Gas Chromatography with a turnaround time of 14 days. Brinkerhoff will prepare a report outlining the findings of the sampling procedures and pertinent observations.

Radon Level Testing - Brinkerhoff conducts assessments of the radon potential at school sites and school additions and/or the presence of radon within existing school classrooms and buildings. Consultation with radon potential maps, testing for the presence of radon gas, and comparison with acceptable standards are applied. To the extent that radon potential exists or radon may be present within a school facility, Brinkerhoff works with design professionals to prevent or mitigate the radon risk as part of health and safety considerations. Brinkerhoff has experience with the Active Soil Depressurization method and other ventilation methods for addressing radon remediation. Brinkerhoff will manage radon testing at the subject structures as requested. In accordance with State and Federal regulations, Brinkerhoff will include an estimate of the number of canisters that may be placed in the building. Brinkerhoff will coordinate and execute placement and retrieval of the canisters. Canisters are generally left on site for two (2) days. Radon measurement results are recorded and included in required reports.

## Indoor Air Quality (IAQ)

IAQ Assessments - Brinkerhoff assesses buildings for problem areas and samples the areas for parameters such as mold, mildew and bacteria, organic vapors, Polychlorinated Biphenyls (PCBs), mercury and radon. Samples are collected according to state-of-the-art protocol and submitted to accredited analytical laboratories. Sample results are reviewed and a confidential report is issued outlining the findings with conclusions and recommendations. Brinkerhoff makes recommendations on moisture control, a key factor in controlling mold-related IAQ issues. In the case of radon or organic vapors, the firm designs and makes recommendations for ventilation, depressurization or other mitigations plans. PCBs and mercury contaminants are generally material-related and required characterization and management of off-site disposal.



### Mold Testing

- ✓ Industrial Hygienist will take readings for temperature and humidity in test areas using a thermo-hygrometer;
- ✓ Industrial Hygienist will collect bulk samples of building materials which exhibit visible signs of mold and/or water damage;
- ✓ Where water damage is suspected, the Industrial Hygienist will collect wipe samples in areas where there are visible signs of mold and/or water damage or in areas behind walls where water damage is suspected; and will submit samples for total fungi count and identification of the fungi.

### Fungi/Bacterial Air Sampling

- ✓ The Industrial Hygienist will collect fungi/bacteria samples;
- ✓ Samples will be collected from interior areas of the building; with one (1) set of samples collected outside the building for comparison;
- ✓ Samples will be collected using an Anderson sampler and be analyzed for fungi and bacteria;
- ✓ The Industrial Hygienist will take readings for temperature and humidity in the test areas using a thermo-hygrometer; and will prepare a report outlining the findings of the sampling procedures and pertinent observations.

### Carbon Monoxide (CO) and Carbon Dioxide (CO<sub>2</sub>) Testing

- ✓ Industrial Hygienist will take readings for CO and CO<sub>2</sub> in the interior test areas; and,
- ✓ Brinkerhoff will prepare a report outlining the findings and pertinent observations.

### Air Testing for Indoor Allergens

- ✓ Industrial Hygienist will collect at least two (2) dust samples from suspect area;
- ✓ Samples will be analyzed for indoor allergens (cat dander, dog dander, cockroach, dust mites) using the Enzyme-Linked Immunosorbent Assay (ELISA) Method; and,
- ✓ Brinkerhoff will prepare a report outlining the findings and pertinent observations.

### Air Testing for Volatile Organic Chemicals (VOCs)

- ✓ Field Testing Technicians will collect samples and submit for VOC analysis by Gas Chromatography;
- ✓ Samples will be collected in indoor area; with one (1) sample collected outside for comparison;
- ✓ One (1) outdoor control blank sample will also be submitted for analysis; and,
- ✓ Brinkerhoff will prepare a report outlining the findings and pertinent observations.

### Air Testing for Mercury Vapors

- ✓ Assessment of flooring materials for potential mercury hazards;
- ✓ Air sampling, analysis, QA/QC and review of results for vapor concentrations; and,
- ✓ Design and management of mercury mitigation procedures.



## **Environmental Health and Safety (EHS) Training**

Brinkerhoff will provide awareness and safety training for school employees as requested. Training will provide information on site-specific potential hazardous materials, safety procedures (reporting and documentation of exposure) and protocols and precautions for the work site. The site-specific HASP requirements will also be reviewed. Appropriate precautionary signage will be posted in areas designated as containing hazardous materials that are being remediated. School safety and security are always at the forefront of the training.

For technical staff performing services, in addition to the regulated training and certifications required for management and handling of hazardous materials, staff will also be briefed daily on site-specific health and safety requirements. Brinkerhoff assesses the information collected during site characterization including types and levels of contaminants, physical properties of each contaminant and the potential exposure of each contaminant. The firm then develops a site-specific, comprehensive HASP in accordance with regulatory requirements to protect on-site workers as well as the surrounding public. Brinkerhoff implements the site-specific HASP which may include on-site air monitoring and air testing services, making recommendations to on-site workers during specific site tasks, and liaison with regulatory agencies.

In addition to the services specifically noted in the RFP, Brinkerhoff provides the following value-added services as discussed below.

### **Mercury Vapors and Abatement**

A new issue facing school facilities is increased mercury vapor emissions from deteriorating flooring materials. Rubber-like polyurethane floors using 1,000 to 2,000 parts per million (ppm) of phenyl mercuric acetate (PMA) catalyst were installed in school multipurpose rooms, gyms, cafeterias, auditoriums, stages, and indoor and outdoor tracks during the 1960s and continued until it was banned by the federal government in 2000. Some schools have tested above allowable standards of 0.8 micrograms per cubic unit of air for mercury vapors. As a result, school boards are initiating the process to replace and remediate rubber flooring that is emitting mercury vapors.

Brinkerhoff staff assist schools with evaluating and addressing the challenges of remediating mercury and other hazardous materials and preparing designs to replace the rubberized flooring and substrate if necessary. The concrete flooring beneath the polyurethane flooring may also be impacted. Our in house Certified Industrial Hygienist (CIH) and licensed Indoor Environmental Consultants review background information, conduct inspections, sampling and testing of materials and vapors to assess schools for impacted materials. If the mercury levels exceed New Jersey Department of Health (NJDOH) adopted standards, in materials or indoor air quality, then mitigation measures are recommended and implemented.

### **Facility Disinfection Services– Environmental Response and Management**

As an emerging issue, Brinkerhoff staff are prepared to provide environmental response and management support to schools as they prepare to re-open and manage potential viral contamination issues.

Brinkerhoff offers the following services to help school facilities in preparation for school opening:

- Management and oversight of facility disinfection process.
- Initial facility evaluations, Scope of Work and Contractor Cost Estimates.
- Review of Contractor Health and Safety Plans (HASP), Safety Data Sheets (SDS) for disinfectant/virucide products.
- Coordination of disinfection services using our network of remediation Contractors.
- Field oversight of Contractor during the cleanup process.



- Post-cleaning testing to confirm effectiveness using rapid screening microbiological swab testing.\*
- Upon satisfactory completion of onsite process, confirmatory samples will be collected and submitted to an accredited environmental laboratory.
- Preparation of a final report documenting cleaning process and sampling results for notification to Client, property owner/manager for distribution.

\*Note: Environmental tests specific to COVID-19 are not widely available and are not recommended. Effectiveness of process to be verified using field screening and laboratory testing using fully validated test methodologies.

### **Lead in Drinking Water**

Brinkerhoff collects water samples from drinking water outlets within school buildings, including sink faucets, water fountains, cafeteria sinks, and other potable water outlets in accordance with the Safe Water Drinking Act, N.J.S.A. 58:12A-1 et seq. and N.J.A.C. 7:10 and 6A:26-6 Planning and Construction Standards for School Facilities. Prior to water sample collection, Brinkerhoff develops a lead drinking water sampling plan, including a plumbing survey, and diagrams for each facility indicating entry points, piping, and fixture locations. Based on the plan, water samples are collected from each outlet subsequent to prescribed stagnation time. Samples are collected in pre-cleaned high-density polyethylene 250 milliliter containers. Samples, including blanks, are delivered to a New Jersey certified lead drinking water laboratory under strict chain of custody for analysis. Based on the laboratory analysis results, Brinkerhoff provides a written report summarizing findings including recommendations for interim and long-term corrective actions.

In cases where the supply and distribution system (piping) are contributing to lead in drinking water, Brinkerhoff will design and assist with preparation of construction bidding documents for corrective actions, and will provide construction supervision, confirmation sampling and clearance when the work is complete.

Community Outreach and Notification - Brinkerhoff provides assistance in developing presentations, visuals, charts, drawings, maps and other information in support of public meeting and hearings and disseminating project information via web-based technology. Our staff has assisted with public relations related to environmental assessment and remedial work through public outreach, attendance at community briefings, posting of public notices, and meeting with local officials. A community-based planning process, which involves the community in decision-making from the outset, ensures that the work to be accomplished addresses community needs and has its support. Involving the community in remedial and reuse decisions also helps ensure environmental equity. Brinkerhoff has participated in community relations efforts on many projects involving the concerned public.

Preparation and/or Review of Reports, Permits, Applications, Bid Documents and Correspondence - Remediation of environmentally impaired land and buildings is a complex process requiring compilation of data, evaluation of environmental regulations; work with various contractors and continuous reporting and written communication. Brinkerhoff's Principal and Technical Staff work with the regulatory process daily, managing environmental cases for public projects while meeting the timeframes and administrative requirements for document submission. Reports, permits, applications, bid documents and correspondence are forwarded routinely on project cases.

### **Professional Certifications**

The following pages provide the professional certifications held by Brinkerhoff to perform the requested services for the Board.

**BRINKERHOFF CERTIFICATIONS  
FOR PROFESSIONAL SERVICES**

**NJ DIVISION OF CONSUMER AFFAIRS CERTIFICATE**  
**OF AUTHORIZATION TO PROVIDE ENGINEERING SERVICES**

**State of New Jersey**

Division of Consumer Affairs  
State Board of Professional Engineers and Land Surveyors

**THIS CERTIFIES THAT**

**BRINKERHOFF ENVIRONMENTAL SERVICES**

1805 Atlantic Avenue

Manasquan NJ 08736

Has met the requirements of the State Board of Professional Engineers and Land Surveyors and is hereby issued a

***CERTIFICATE OF AUTHORIZATION***

to offer the following services

Engineering

Person in Responsible Charge: **IRAN PIERCE**

For the names of other Responsible Charge Licensees, go to: <http://www.njconsumeraffairs.com/pels/certrot.pdf>

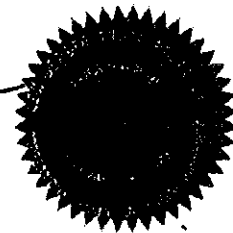
Date: **August 8, 2018**

Certificate No. **24GA28001700**

Expiration Date: **08/31/2020**



Acting Executive Director



## DPMC PREQUALIFICATION CERTIFICATION

FORM 48A  
REVISED 1/19



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

### NOTICE OF CONSULTANT PREQUALIFICATION

FIRM: BRINKERHOFF ENVIRONMENTAL  
SERVICES, INC.  
ADDRESS: 1805 ATLANTIC AVENUE  
MANASQUAN, NJ 08736

☐ INITIAL ☐ REVISED ☒ RENEWAL

DATE OF ISSUE: FEBRUARY 19, 2019  
EXPIRATION DATE: FEBRUARY 28, 2021  
FEDERAL ID NUMBER: 841 114 151

☐ MBE ☒ WBE ☒ SBE ☐ VOB

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

<input type="checkbox"/> ARCHITECTURE	_____	<input type="checkbox"/> ROOFING CONSULTANT	_____
<input type="checkbox"/> ELECTRICAL ENGINEERING	_____	<input type="checkbox"/> ACOUSTICS	_____
<input type="checkbox"/> HVAC ENGINEERING	_____	<input checked="" type="checkbox"/> ASBESTOS DESIGN	NA
<input type="checkbox"/> PLUMBING ENGINEERING	_____	<input checked="" type="checkbox"/> ASBESTOS SAFETY MONITORING	NA
<input type="checkbox"/> CIVIL ENGINEERING	_____	<input type="checkbox"/> CLAIMS ANALYSIS	_____
<input type="checkbox"/> SANITARY ENGINEERING	_____	<input type="checkbox"/> TELECOMMUNICATIONS	_____
<input type="checkbox"/> STRUCTURAL ENGINEERING	_____	<input type="checkbox"/> EXHIBIT/INTERPRETATIVE DESIGN	_____
<input type="checkbox"/> MECH. ENG. (ELEV., CONVEYORS, ETC.)	_____	<input type="checkbox"/> FEASIBILITY PLANNING	_____
<input type="checkbox"/> SOILS ENGINEERING	_____	<input type="checkbox"/> FIRE DETECTION SYSTEMS	_____
<input type="checkbox"/> FIRE PROTECTION ENGINEERING	_____	<input type="checkbox"/> FIRE PROTECTION SYSTEMS	_____
<input checked="" type="checkbox"/> ENVIRONMENTAL ENGINEERING	15 MILLION	<input type="checkbox"/> FOOD SERVICE	_____
<input type="checkbox"/> MARINE ENGINEERING	_____	<input type="checkbox"/> HYDRAULICS/PNEUMATICS	_____
<input type="checkbox"/> LANDSCAPE DESIGN	_____	<input checked="" type="checkbox"/> HYDROLOGY	NA
<input type="checkbox"/> PLANNING	_____	<input type="checkbox"/> SECURITY SYSTEMS	_____
<input type="checkbox"/> LAND SURVEYING	_____	<input type="checkbox"/> SITE PLANNING	_____
<input type="checkbox"/> AERIAL SURVEYING	_____	<input type="checkbox"/> HISTORIC PRESERVATION CONSULTANT	_____
<input type="checkbox"/> HYDROGRAPHIC SURVEYING	_____	<input type="checkbox"/> ENERGY AUDITING	_____
<input type="checkbox"/> FIRE & LIFE SAFETY RENOVATIONS	_____	<input type="checkbox"/> TRAFFIC	_____
<input type="checkbox"/> BUILDING COMMISSIONING	_____	<input type="checkbox"/> TRANSPORTATION	_____
<input type="checkbox"/> BOILER/STEAM LINES/HIGH PRESSURE SYS.	_____	<input type="checkbox"/> WASTE/WATER TREATMENT	_____
<input type="checkbox"/> DAM/LEVEE DESIGN	_____	<input type="checkbox"/> ENERGY MANAGEMENT CONTROL SYSTEM	_____
<input type="checkbox"/> BARRIER FREE/ADA DESIGN	_____	<input type="checkbox"/> RENEWABLE ENERGY CONSULTANT	_____
<input type="checkbox"/> ESTIMATING/COST ANALYSIS	_____	<input type="checkbox"/> CONSTRUCTION FIELD INSPECTION	_____
<input type="checkbox"/> INTERIOR DESIGN/SPACE PLANNING	_____	<input type="checkbox"/> PROJECT MANAGEMENT	_____
<input type="checkbox"/> ROOFING INSPECTION	_____	<input checked="" type="checkbox"/> ENVIRONMENTAL CONSULTANT	NA
<input type="checkbox"/> CONSTRUCTION MANAGEMENT	_____	<input checked="" type="checkbox"/> STORAGE TANK REMOVAL	NA
<input type="checkbox"/> CPM	_____	<input type="checkbox"/> STORAGE TANK INSTALLATION	_____
<input type="checkbox"/> ARCHAEOLOGY	_____	<input type="checkbox"/> PERIMETER SECURITY FENCING	_____
<input checked="" type="checkbox"/> GEOLOGY	NA	<input checked="" type="checkbox"/> INDOOR AIR QUALITY TESTING	NA
<input type="checkbox"/> VALUE ENGINEERING	_____	<input checked="" type="checkbox"/> LANDFILL CLOSURE	NA
<input type="checkbox"/> HISTORIC PRESERVATION/RESTORATION	_____	<input checked="" type="checkbox"/> LEAD PAINT EVALUATION	NA

PREPARED BY:

*Pamela Sullivan*  
PAMELA SULLIVAN  
MANAGER, PREQUALIFICATION UNIT

APPROVED BY:

*Richard S. Flodman*  
RICHARD S. FLODMAN  
DEPUTY DIRECTOR

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

**NJSDA PREQUALIFICATION CERTIFICATION**



STATE OF NEW JERSEY

**SCHOOLS DEVELOPMENT AUTHORITY**

32 EAST FRONT STREET  
P.O. BOX 991  
TRENTON, NJ 08625-0991  
609-943-5955

February 19, 2019

Laura A. Brinkerhoff, President  
Brinkerhoff Environmental Services, Inc.  
1805 Atlantic Avenue  
Manasquan, NJ 08736

Re: Consultant Prequalification Notice

Dear Ms. Brinkerhoff:

We have completed our review of Brinkerhoff Environmental Services, Inc.'s Application for NJSDA Prequalification and approved your firm to bid and/or perform work within the following discipline(s) and corresponding not to exceed construction cost estimates (CCE) as determined by DPMC:

<i>Discipline(s)</i>	<i>Construction Cost Estimate</i>
ENVIRONMENTAL ENGINEERING	\$15 MILLION
GEOLOGY	UNLIMITED
ASBESTOS DESIGN	UNLIMITED
ASBESTOS SAFETY MONITORING	UNLIMITED
HYDROLOGY	UNLIMITED
ENVIRONMENTAL CONSULTANT	UNLIMITED
STORAGE TANK REMOVAL	UNLIMITED
INDOOR AIR QUALITY TESTING	UNLIMITED
LANDFILL CLOSURE	UNLIMITED
LEAD PAINT EVALUATION	UNLIMITED

Your firm is prequalified by the NJSDA until February 28, 2021. Please keep in mind that during this period, the NJSDA must be notified in writing within ten days of any substantial changes that occur within your organization. This would include any changes your firm makes with DPMC as well as changes in ownership, financial condition, key people, safety records, disciplines, etc. Also note that your firm's status as a "prequalified firm" is always subject to review, and we reserve the right to change or revoke this prequalification status for cause at any time.

We look forward to your firm's participation in the Schools Construction Program. Should you have any questions regarding your status, or require assistance of any kind, please contact the Prequalification Unit at 609-943-5955.

Sincerely,

Karon L. Simmonds  
Director,  
Risk Management and Vendor Services

cc: Prequalification File  
R. Britton

**ASBESTOS SAFETY CONTROL MONITOR CERTIFICATION**



State of New Jersey  
DEPARTMENT OF COMMUNITY AFFAIRS  
101 SOUTH BROAD STREET  
PO Box 821  
TRENTON, NJ 08625-0821

PHILIP D. MURPHY  
Governor

Lt. GOVERNOR SHEILA Y. OLIVER  
Commissioner

**CERTIFICATE OF REAUTHORIZATION**

January 17, 2020

Brinkerhoff Environmental Services, Incorporated  
1805 Atlantic Avenue  
Manasquan, NJ 08736

Dear Laura Brinkerhoff:

This is to certify that the Department of Community Affairs has reauthorized your firm to act as an **ASBESTOS SAFETY CONTROL MONITOR**.

Your **ASBESTOS SAFETY CONTROL MONITOR** number is: **00100**

**EFFECTIVE DATE:** **JANUARY 1, 2020**

**EXPIRATION DATE:** **SEPTEMBER 30, 2020**

Pursuant to N.J.A.C. 5:23-8.11(h)2, quarterly fee statements must be sent to this Department no later than one month after the close of each quarter. Please be further advised that the monies obtained from the preparation of plans and specifications and payments for laboratory services shall not be included in the calculation of the quarterly fees. If no payments are received during any quarter, you must submit a zero statement to this Department.

Sincerely,

O. Tox Falajiki  
Supervisor,  
Asbestos Safety Unit



New Jersey is an Equal Opportunity Employer • Printed on Recycled paper and Recyclable

**LEAD EVALUATION CONTRACTOR CERTIFICATION**



PHILIP D. MURPHY  
Governor

STATE OF NEW JERSEY  
DEPARTMENT OF COMMUNITY AFFAIRS  
DIVISION OF CODES AND STANDARDS  
LEAD HAZARD UNIT

LT. GOVERNOR SHEILA Y. OLIVER  
Commissioner

LOCATION  
101 SOUTH BROAD STREET  
TRENTON, NEW JERSEY 08618

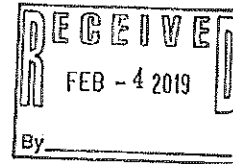
MAILING ADDRESS  
PO BOX 821  
TRENTON, NJ 08625-0821

**Certificate - Lead Evaluation Contractor**

This is to certify that the Department of Community Affairs has

( ) CERTIFIED  
(XX) RECERTIFIED

BRINKERHOFF ENVIRONMENTAL SERV  
1805 ATLANTIC AVENUE  
MANASQUAN, NJ 08736



To act as a Lead Evaluation Contractor on the following projects

Residential  
Public Buildings

Cert # 00059 E

Effective Date: FEBRUARY 1, 2019

Date of Expiration: JANUARY 31, 2021

Certificate Type: 2 YEAR

Sincerely,

O. Tex Falajiki  
Supervisor of Certification  
Lead Hazard Unit



KLACER (Rev. 01/22/2018)

**INDOOR ENVIRONMENTAL CONSULTANT CERTIFICATE**

*New Jersey Department of Health*

*Having met the requirements of N.J.A.C. 8:50*

***Brinkerhoff Environmental Services, Inc***  
***1805 Atlantic Avenue, Manasquan, NJ 08736-***  
***License Number: 1184***

*is licensed as an Indoor Environmental Consultant to conduct Indoor  
Environmental Health Assessments of Child Care Centers and  
Educational Facilities in New Jersey.*

01/28/20  
***Issue Date***

02/27/22  
***Expiration Date***

*Christina Tan*

Christina Tan, MD, MPH, Assistant Commissioner  
Division of Epidemiology, Environmental and Occupational Health

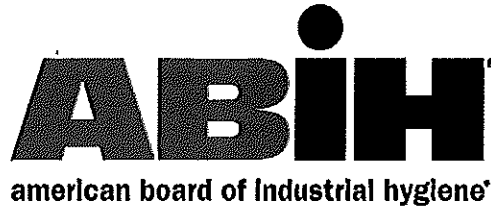
This license is non-transferable and only valid for the licensee as indicated above.

ASB-33  
DEC 15

J0737



**CERTIFIED INDUSTRIAL HYGIENIST CERTIFICATION**



organized to improve the practice of Industrial hygiene  
proclaims that

*Christopher F Glowacki*

having met all requirements of  
education, experience and examination,  
is hereby certified in the

**COMPREHENSIVE PRACTICE  
of  
INDUSTRIAL HYGIENE**

and has the right to use the designations

**CERTIFIED INDUSTRIAL HYGIENIST**

**CIH**



Certificate Number    **11701 CP**

Awarded:                    **November 28, 2018**

Expiration Date:        **June 1, 2024**

*Jeffrey A. Miller*  
Chair, ABIH

*Allen K. Miller*  
Chief Executive Officer, ABIH

**REQUIRED FORMS**

### **SECTION 3: Bid Submission Form & Required Documents**

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

Your submission must include this form and all required documents. Failure to submit them may be cause for disqualification for being non-responsive pursuant to N.J.S.A. 18A:18A-2(y).

Please check as enclosed, in addition to this page:

1. ☒ Bid Proposal/Pricing
2. ☒ Deviation Form
3. ☒ Vendor Questionnaire / Certification
4. ☒ Acknowledgement of Addenda
5. ☒ Affirmative Action Questionnaire or Certificate of Employee Information Report
6. ☒ Non-Collusion Affidavit – Notary required
7. ☒ Bidder Comment Form – Optional
8. ☒ Chapter 271 Political Contribution Disclosure Form
9. ☒ Statement of Ownership
10. ☒ Business Registration Certificate
11. ☒ Disclosure of Investment Activities in Iran
12. ☐ NR Bid Guarantee (Bid Bond, Cashier's Check, or Certified Check)
13. ☐ NR Guarantee Certificate: Certificate/Consent of Surety
14. ☒ Insurance Certificate
15. ☐ NR Public Works Contractor Registration\*
16. ☐ NR Transportation Questionnaire

NR=Not Required

\* Public Works Contractor Registration, Business Registration Certificate & DPMC also required from Subcontractor, if employing.

Company Brinkerhoff Environmental Services, Inc.

Address 1805 Atlantic Avenue, Manasquan, NJ 08736

Phone 732-223-2225 Fax 732-223-3666

Emergency Phone 732-674-4063

Fed Tax ID 84-1114151

Years in Business 30 Number of Employees 45

Name Laura Brinkerhoff

Title Pres./CEO

Direct Phone 732-674-4063

Email LBrinkerhoff@BrinkEnv.com

Signature  Date June 9, 2020


## ***Bid Pricing / Proposal***

**RFP 19-024: Environmental Services**

**Opening: 10:00 AM, Thursday, June 11, 2020**

Please enter your rates after this page.

The undersigned declare that we/they examined the specifications and other contract documents, as well as the premises and all law, ordinances and regulations governing the work, and that we/they propose to provide all goods and to perform all work described in the specifications.

Company Brinkerhoff Environmental Services, Inc.  
Name Laura Brinkerhoff  
Title Pres./CEO  
Signature  Date June 9, 2020

**Brinkerhoff Environmental Services, Inc.**  
**2020 Rate Schedule**  
**Personnel and Equipment, Lab, Supplies**

	<b>Hourly</b>	
Principal/Licensed Site Remediation Professional (LSRP)		210
Senior Consultant (non-LSRP)		185
Professional Engineer (PE)		165
Senior Project Manager – Level II		150
Senior Project Manager – Level I		140
Project Manager – Level II		130
Project Manager – Level I		115
NJDEP Senior Certified Subsurface Evaluator		135
AHERA Project Designer		135
Asbestos Management Planner		135
Certified Industrial Hygienist		150
Staff Level Environmental Engineer, Geologist, Scientist, Technician		95
Project Air Monitor		95
Asbestos Safety Technician/Inspector		95
Mold Inspector		95
Lead Inspector		95
GPS Operator		95
CADD/GIS Technician		85
Administrative Technical Support		65
<b>Health &amp; Safety – Monitoring Equipment</b>	<b>Daily</b>	<b>Weekly</b>
Photo Ionization Detector	\$75	\$375
Portable Dust Monitor	80	400
Stationary Dust Monitor	150	750
4 Gas – oxygen, hydrogen sulfide, CO, LEL (MultiRae)	75	375
<b>Health &amp; Safety Consumables</b>		
PPE Level C	50	250
PPE Level D	15	100
<b>Miscellaneous Field Investigation Equipment</b>		
Hand Auger	15	75
Encore Sampling for VOCs (per sample)	50	50
XRF Analyzer (for metals)	300	1,500
Concrete Coring Device	400	1,500
Geophysical Equipment (GPR\EM and operator)	3,100	9,300
Soil Gas Probe	100	400
Vapor Intrusion Sampling Equipment	100	450
Concrete Chipping Gun	75	300
Infra-Red Camera	75	250
GPS Trimble Geo-7x handheld unit	200	850
GPS Cell Phone Booster Receivers	100	400
Field Vehicle (bare)	100	500
Utility Vehicle (equipped)	250	800
<b>Groundwater Sampling and Hydrogeologic Investigation Equipment</b>		
Water Level Indicator	25	125
Oil/Interface Probe	50	250
Submersible Pump with Control Box	100	500
Low Flow Purge and Sampling Equipment (includes Flow Thru Cell)	250	900
Peristaltic Pump	30	150
Disposable Bailers	25	125
Slug Test Equipment	115	575
Dissolved Oxygen (DO) Meter	50	250
pH, Temperature (Temp), Specific Conductivity (SC) Meter	50	250

## Deviation Form

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

In the event that the undersigned Bidder intends to deviate from the specifications by submitting alternates, those alternates must be listed below with complete detailed descriptions and samples submitted with the bid. *When applicable, include the line number for each item.*

If no deviations are submitted, the bidder assures the buyer of full compliance with the specifications and conditions.

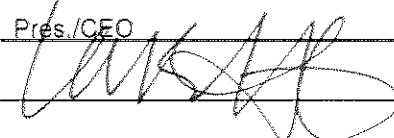
If deviations are found and not listed, the bidder will be disqualified.

\_\_\_\_ DEVIATIONS: List below, referencing the item line number(s)

X NO DEVIATIONS

### DEVIATIONS

Line # Item Name: Description of Exception


Company	Brinkerhoff Environmental Services, Inc.	
Name	Laura Brinkerhoff	
Title	Pres./CEO	
Signature		Date June 9, 2020

## Vendor Questionnaire/Certification

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

### References – Work previously done for New Jersey districts with high schools

<u>District</u>	<u>City</u>	<u>Amt of Contract</u>	<u>Dates of Service</u>	<u>Contact Person/Title</u>	<u>Phone</u>
1. Elizabeth	Elizabeth, NJ	\$150,000	2018-Present	Luis Couto/PE CEFM	908-436-5180
2. Highland Park	Highland Park, NJ	\$16,000	2013 - Present	Michael O'Donnell	732-572-2400
3. Eatontown	Eatontown, NJ	\$14,000	2013 - Present	Frank Primiani	732-216-1214

### Vendor Certification

#### Direct/Indirect Interests

I declare and certify that no member of the Morris School District Board of Education – nor any officer or employee or person whose salary is payable in whole or in part by said Board of Education or their immediate family members – is directly or indirectly interested in this bid or in the supplies, materials, equipment, work or services to which it relates, or in any portion of profits thereof. If a situation so exists where a Board member, employee, officer of the board has an interest in the bid, etc., then please attach a letter of explanation to this document, duly signed by the president of the firm or company.

#### Gifts; Gratuities; Compensation

I declare and certify that no person from my firm, business, corporation, association or partnership offered or paid any fee, commission or compensation, or offered any gift, gratuity or other thing of value to any school official, board member or employee of the Morris School District Board of Education.

#### Vendor Certifications

I declare and certify that I fully understand N.J.A.C. 6A:23A-6.3(a1-4) concerning vendor contributions to school board members.


I certify that I am not an official or employee of the Morris School District Board of Education.

I further certify that I understand that it is a crime in the second degree in New Jersey to knowingly make a material representation that is false in connection with the negotiation, award or performance of a government contract.

Company Brinkerhoff Environmental Services, Inc.

Name Laura Brinkerhoff

Title Prs./CEO

Signature  Date June 9, 2020

## Acknowledgement of Addenda

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

The bidder acknowledges receipt of the hereinafter enumerated Addenda which have been issued during period of bidding and agrees that said Addenda shall become a part of this contract. The bidder shall list below the numbers and issuing dates of the Addenda.

☒ No Addenda Received

ADDENDA NO.

ISSUING DATES

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Company

Brinkerhoff Environmental Services, Inc.

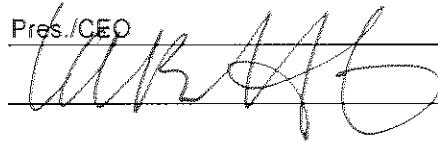
Name

Laura Brinkerhoff

Title

Pres./CEO

Signature



Date

June 9, 2020



## Affirmative Action Questionnaire

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

This form is to be completed and returned with the bid. However, the Board will accept in lieu of this Questionnaire, Affirmative Action Evidence Employee Information Report inserted after this page.

1. Our company has a federal Affirmative Action Plan approval. ☐ Yes ☒ No  
*If yes, please attach a copy of the plan to this questionnaire.*
2. Our company has a N.J. State Certificate of Employee Information Report ☒ Yes ☐ No  
*If yes, please attach a copy of the certificate to this questionnaire.*
3. If you answered "NO" to both questions No. 1 and 2, you must apply for an Affirmative Action Employee Information Report – Form AA302.

Please visit the New Jersey Department of Treasury website for the Division of Public Contracts Equal Employment Opportunity Compliance:

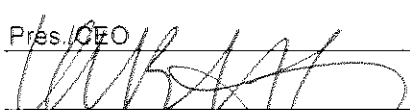
[www.state.nj.us/treasury/contract/compliance/](http://www.state.nj.us/treasury/contract/compliance/)

- Click on "Employee Information Report"
- Complete and submit the form with the appropriate payment to:

Department of Treasury  
Division of Public Contracts/EEO Compliance  
P.O. Box 209  
Trenton, NJ 08625-0002

All fees for this application are to be paid directly to the State of New Jersey. A copy shall be submitted to the Board of Education within seven (7) days of the notice of the intent to award the contract or the signing of the contract.

I certify that the above information is correct to the best of my knowledge.

Company Brinkerhoff Environmental Services, Inc.  
Name: Laura Brinkerhoff  
Title: Pres./CEO  
Signature  Date June 9, 2020

# CERTIFICATE OF EMPLOYEE INFORMATION REPORT

Certification 12218


**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-SEP-2013 to 15-SEP-2020

**BRINKERHOFF ENVIRONMENTAL SERVICES, INC.**  
**1805 ATLANTIC AVENUE**  
**MANASQUAN NJ 08736**

  
Andrew P. Sattolon-Eisloff  
State Treasurer

## 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

### GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE 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.

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 AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at [www.state.nj.us/treasury/contract\\_compliance](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.

# Non-Collusion Affidavit

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

STATE OF New Jersey

COUNTY OF Monmouth

I Laura Brinkerhoff, located at 2527 Morningstar Road,

Residing in Manasquan, County of Monmouth and State of New Jersey,

of full age being duly sworn according to law, upon my oath, depose and say:

I am the Pres./CEO (Title) of Brinkerhoff Environmental Services, Inc. and the bidder making the Bid for the above-named project and that I executed the said Bid with full authority so to do: that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above-named project; and that all statements contained in said Bid and in the Affidavit are true and correct, and made with full knowledge that the MORRIS SCHOOL DISTRICT BOARD OF EDUCATION relies upon the truth of the statements contained in said Bid 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 maintained by the firm named above.

I hereby certify that I am the only person interested in this bid, that it is made without collusion with any person, firm or corporation making another bid for the same contract, that the bid is in all respects fair and that no officer in the MORRIS SCHOOL DISTRICT or any person in the employ of said BOARD OF EDUCATION is directly or indirectly interested in this bid or in the supplies or work to which it relates or in the profits of any portion thereof.

Name of Laura Brinkerhoff

By Pres./CEO

Authorized Representative Title

State of New Jersey

County of Monmouth

Sworn and subscribed before me this 9th day of June 2020

Signature of Notary or Commissioner of Deeds Brigitte R Little

My Commission expires / /

Official Title

**Brigitte R Little**

**Notary Public**

**New Jersey**

**My Commission Expires November 9, 2022**

**No. 50071216**

## Bidder's Comment Form

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

This form is for Bidder's use in offering voluntary alternates, or other comments intended to afford the Board information or opportunities to improve the quality of the project, without invalidating the bid. It may *not* be used to take exception to specific conditions of the project defined in the contract documents which the Bidder does not like. The bid provided must be based upon the plans, specs and all contract conditions, as stated. If these documents or conditions contain some untenable item, or extremely expensive provision, for example, to which the Bidder wishes to raise objection, this must be done at the pre-bid meeting (if held), or in writing to the Architect or Business Administrator through the question process outlined in the Instructions to Bidders. Such inquiries will have response issued by addendum only, and the resulting decision circulated to all bidders of record. Inquiries raised too close to the bid date will not be able to be answered.

---

---

---

---

---

---

---

---


---

☒ No Comment

Company Brinkerhoff Environmental Services, Inc.

Name: Laura Brinkerhoff

Title: Pres./CEO

Signature  Date June 9, 2020

## Chapter 271 Political Contribution Disclosure Form

(Contracts that Exceed \$17,500.00)

Ref. N.J.S.A. 52:34-25

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

The undersigned, being authorized and knowledgeable of the circumstances, does hereby certify that Brinkerhoff Environmental Services, Inc. (Business Entity) has made the following reportable political contributions to any elected official, political candidate or any political committee as defined in N.J.S.A. 19:44-20.26 during the twelve (12) months preceding this award of contract:

### Reportable Contributions

Date of Contribution	Amount of Contribution	Name of Recipient Elected Official/ Committee/Candidate	Name of Contributor

The Business Entity may attach additional pages if needed.

☒ **No Reportable Contributions** (Please check (✓) if applicable.)

I certify that Brinkerhoff Environmental Services, Inc. (Business Entity) made no reportable contributions to any elected official, political candidate or any political committee as defined in N.J.S.A. 19:44-20.26.

### Certification

I certify, that the information provided above is in full compliance with Public Law 2005—Chapter 271.

Name of Authorized Agent Laura Brinkerhoff

Title Pres./CEO

Signature  Date June 9, 2020

Business Entity Brinkerhoff Environmental Services, Inc.

**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)**

RFP 19-024: Environmental Services

Opening: 10:30 AM, Thursday, June 11, 2020

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

**Name of Organization:** Brinkerhoff Environmental Services, Inc.

**Organization Address:** 1805 Atlantic Avenue, Manasquan, NJ 08736

**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 Check the appropriate box**

- ☒ 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	Home Address (for Individuals) or Business Address
Laura Brinkerhoff	2527 Morningstar Road, Manasquan, NJ 08736

**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 non-corporate 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	Home Address (for Individuals) or Business Address

**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 School District Board of Education 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 School district Board of Education to notify the Morris School District Board of Education 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 School District Board of Education to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print):	Laura Brinkerhoff	Title:	Pres./CEO
Signature:		Date:	June 9, 2020



STATE OF NEW JERSEY -- DIVISION OF PURCHASE AND PROPERTY DISCLOSURE OF INVESTMENT ACTIVITIES IN  
IRAN

Quote Number: \_\_\_\_\_ Bidder/Offoror: Brinkerhoff Environmental Services, Inc.

**PART 1: CERTIFICATION**

**BIDDERS MUST COMPLETE PART 1 BY CHECKING EITHER BOX.**

**FAILURE TO CHECK ONE OF THE BOXES WILL RENDER THE PROPOSAL NON-RESPONSIVE.**

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 neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list is found on the Division's website at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Bidders must review this list prior to completing the below certification. **Failure to complete the certification will render a bidder's proposal non-responsive.** If the Director finds a person or entity to be in violation of 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 party

**PLEASE CHECK THE APPROPRIATE BOX:**

☒ I certify, pursuant to Public Law 2012, c. 25, that neither the bidder listed above nor any of the bidder's parents, subsidiaries, or affiliates is listed on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and am authorized to make this certification on its behalf. I will skip Part 2 and sign and complete the Certification below.

OR

☐ I am unable to certify as above because the bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the Certification below. 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 a detailed, 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.

**PLEASE PROVIDE THOROUGH ANSWERS TO EACH QUESTION. IF YOU NEED TO MAKE ADDITIONAL ENTRIES, PLEASE INCLUDE A SEPARATE PAGE.**

Name: \_\_\_\_\_ Relationship to Bidder/Offoror: \_\_\_\_\_

Description of Activities \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Duration of Engagement: \_\_\_\_\_ Anticipated Cessation: \_\_\_\_\_

Date \_\_\_\_\_ Bidder/Offoror Contact \_\_\_\_\_

Name/Contact \_\_\_\_\_ Phone Number \_\_\_\_\_

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; that the State of New Jersey 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 the State to notify the State 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 State, permitting the State to declare any contract(s) resulting from this certification void and unenforceable.

Full Name (Print): Laura Brinkerhoff

Signature: 

**Do Not Enter PIN as a Signature**

Title: \_\_\_\_\_ Pres./CEO

Date: June 9, 2020

# NJ BUSINESS REGISTRATION CERTIFICATE

08/09/12

RECEIVED

AUG 13 2012

Taxpayer Identification# 841-114-151/000

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)292-9292.

I wish you continued success in your business endeavors.

Sincerely,



James J. Fruscione  
Director  
New Jersey Division of Revenue

STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE		DEPARTMENT OF TREASURY DIVISION OF REVENUE PO BOX 252 TRENTON, NJ 08646-0252
TAXPAYER NAME: BRINKERHOFF ENVIRONMENTAL SERVICES, INC.	TRADE NAME: BRINKERHOFF ENVIRONMENTAL SERVICES	
ADDRESS: 1805 ATLANTIC AVENUE MANASQUAN NJ 08736-1029	SEQUENCE NUMBER: 0103280	
EFFECTIVE DATE: 09/17/91	ISSUANCE DATE: 08/09/12	
FORM-BRC (04-08)-D205846V		 Director New Jersey Division of Revenue

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

## ***Certificate of Liability Insurance***

**RFP 19-024: Environmental Services**

**Opening: 10:30 AM, Thursday, June 11, 2020**

*After this page insert proof of your general liability (including products) and excess liability.*



BRINENV-01

LPERNA

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
5/29/2020

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

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

<b>PRODUCER</b> BHI Insurance Associates 240 Main Street PO Box 5018 Toms River, NJ 08754		<b>CONTACT NAME:</b> Lisa M. Perna <b>PHONE (A/C, No, Ext):</b> (732) 349-2300 229 <b>FAX (A/C, No):</b> (732) 349-2276 <b>E-MAIL ADDRESS:</b> LPerna@BHI-Insurance.net		
<b>INSURED</b>  Brinkerhoff Environmental Svcs. Inc. 1805 Atlantic Ave Manasquan, NJ 08736		<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
		<b>INSURER A:</b> Nautilus Insurance Company		17370
		<b>INSURER B:</b> Selective Fire and Casualty Insurance Co		14377
		<b>INSURER C:</b> Selective Insurance Company of America		12572
		<b>INSURER D:</b>		
		<b>INSURER E:</b>		
<b>INSURER F:</b>				

## COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			ECP2026285-11	6/1/2020	6/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 DEDUCTIBLE \$ 5,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			S 2283018	6/1/2020	6/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			FFX2026286-11	6/1/2020	6/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NJ) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC 9045204	6/1/2020	6/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional			ECP2026285-11	6/1/2020	6/1/2021	retro date 8/28/99 \$ 1,000,000
A	Pollution Liability			ECP2026285-11	6/1/2020	6/1/2021	per occurrence \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
Pollution Liability deductible \$5000. Professional liability deductible \$15,000.

## CERTIFICATE HOLDER

## CANCELLATION

Sample Certificate

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE