



STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 2 TO PROJECT NO. Q1535

**ELECTRICAL WORK
PROVIDE FIRE ALARM AND DETECTION SYSTEM
STATE ARMORY
STATE ROAD ROUTE 3
SARANAC LAKE, NEW YORK 12983**

January 13, 2014

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS

1. DOCUMENT 002216 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - ASBESTOS PROJECT: Add the accompanying document (page 002216-1) to the Project Manual.
2. DOCUMENT 003126 EXISTING HAZARDOUS MATERIAL INFORMATION: Add the accompanying document (page 003216-1) to the Project Manual, including Asbestos Survey Report.
3. DOCUMENT 028213 EXISTING HAZARDOUS MATERIAL INFORMATION: Add the accompanying document (pages 028213-1 thru 028213-8) to the Project Manual.
4. DOCUMENT 028304 ASBESTOS ABATEMENT: Add the accompanying document (pages 028304-1 thru 028304-8) to the Project Manual.

DRAWINGS

1. Revised Drawing:
 - a. Drawing No. E-101, noted "REVISED DRAWING 1/8/2014" accompanies this Addendum and supersedes the same numbered originally issued drawings.

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

DOCUMENT 002216

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - ASBESTOS PROJECTS

This supplement modifies the Instructions to Bidders.

Add the following:

27. CONDITION OF AWARD

27.1 As a condition of award, the following shall be transmitted to the Bureau of Contract Awards, Division of Contract Administration, Design and Construction Group, Office of General Service, 35th Floor, Corning Tower, Empire State Plaza, Albany, NY 12242 by certified mail by the apparent low bidder within 5 days after the bids are opened and by other bidders within 5 days after receiving a written request from the Bureau of Contract Awards for such a submission:

A copy of a valid asbestos-handling license issued by the Commissioner of Labor to the contractor who will perform the Work of the asbestos project.

END OF DOCUMENT

DOCUMENT 003126

EXISTING HAZARDOUS MATERIAL INFORMATION

1.01 ASBESTOS SURVEY REPORT

Samples listed in the report were collected at the Project Site and tested for Asbestos Containing Materials (ACM). The report was compiled for New York State Office of General Services, Design and Construction Group by an ELAP certified laboratory. In order to determine the Asbestos content, samples were analyzed by polarized light microscopy (PLM) and/or transmission electron microscopy (TEM). The report is intended for the State design and estimate purposes only, and is included to provide bidders with that same information available to the State. The Bulk Samples are representative of Homogeneous Area (HA) and is defined as a suspect material of similar age, appearance, function and texture. All field information was organized in accordance with 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA). See the Limited Hazardous Materials Survey report included in the Appendix for type, condition, location and approximate quantity of ACM.

1.02 LEAD SURVEY REPORT

Samples listed in the report were collected at the Project Site and tested for Lead content. The report was compiled for New York State Office of General Services, Design and Construction Group by an ELAP certified laboratory. In order to determine the lead content the Atomic Absorption method or a XRF Analyzer was used. This report is intended for State design and estimate purposes only, and is included to provide bidders with the same information available to the State. The samples are representative of like materials in the Work area. All lead containing materials may not have been sampled. See the Limited Hazardous Materials Survey report included in the Appendix for details.

END OF DOCUMENT

SECTION 028213

ASBESTOS ABATEMENT

PART 1 GENERAL

1.01 SUMMARY

- A. This Section specifies the procedures for disturbance and removal of existing asbestos-containing materials (ACM) and disposal of removed materials. The results of the testing for ACM are listed in the Building Asbestos Survey Report bound in the Appendix. Also see Document 003126.
 - 1. The Building Asbestos Survey report was compiled by an ELAP certified laboratory.
 - 2. In order to determine asbestos content, samples were analyzed by polarized light microscopy (PLM) and/or transmission electron microscopy (TEM).
 - 3. The report is intended for State Design and estimate purposes only, and is included to provide bidders with the same information available to the State.
 - 4. The Bulk Samples are representative of like materials in the Work area. All ACM may not have been sampled.

- B. Type of Asbestos Abatement Project:
 - 1. Multiple Minor Location Asbestos Abatement Project: An asbestos project involving the removal, disturbance, repair or handling of less than 10 square feet or 25 linear feet of ACM.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Existing Hazardous Material Information: Document 003126.
- B. Summary of the Work: Section 011000.
- C. Construction Facilities and Temporary Controls: Section 015000.
- D. Removals, Cutting, and Patching: Section 017329.

1.03 REFERENCES

- A. New York State Department of Environmental Conservation (DEC) 6NYCRR:
 - 1. Part 360 Solid Waste Management Facilities.
 - 2. Part 364 Waste Transporter Permits.
 - 3. Part 370 Hazardous Waste Management System-General.
 - 4. Part 371 Identification and Listing of Hazardous Wastes.
 - 5. Part 372 Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities.
 - 6. Part 373 Hazardous Waste Management Facilities.

- B. Occupational Safety and Health Administration (OSHA): Asbestos Regulations (29 CFR Part 1926.1101).
- C. U.S. Environmental Protection Agency (USEPA):
 - 1. National Emission Standards for Hazardous Air Pollutants; Asbestos NESHAP Revision; Final Rule.
 - 2. Asbestos Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E).
- D. New York State Department of Labor (DOL): Industrial Code Rule 56.

1.04 DEFINITIONS

- A. Authorized Personnel: Facility or the Director's Representative, and all other personnel who are authorized officials of any regulating agency, be it State, Local, Federal or Private entity who possess legal authority for enforcement or inspection of the work.
- B. Clearance Criteria: Shall be determined and established by a Certified Asbestos Project Monitor with an independent testing lab employed by the Director's Representative, conforming to all standards set forth by all authorities having jurisdiction, mentioned in the references, and issue the certification of cleaning.
- C. Site Specific Variance: Relief in accordance with section 30 of the Labor Law from specific sections of Industrial Code Rule 56 for a specific project.
- D. Phase I & II: Asbestos Project phases as defined and subcategorized in ICR 56-2.

1.05 ABBREVIATIONS

- A. ASTM: American Society for Testing and Materials
1916 Race Street
Philadelphia, PA 19103
- B. CFR: Code of Federal Regulations
Government Printing Office
Washington, DC 20402
- C. DOL: New York State Department of Labor
Harriman State Office Building Campus
Albany, NY 12240
- D. NIOSH: National Institute for Occupational Safety and Health
Building J.N.E. Room 3007
Atlanta, GA 30333
- E. OSHA: Occupational Safety and Health Administration
200 Constitution Avenue
Washington, DC 20210

- F. USEPA: United States Environmental Protection Agency
401 M Street SW
Washington, DC 20460

1.06 ASBESTOS SITE SPECIFIC VARIANCE

- A. If a site specific variance is sought, the application must be submitted by the contractor's NYS DOL Certified Asbestos Project Designer with 14 days after the Contract Agreement is approved by the Comptroller. Forward the required forms to the Department of Labor for their action.

1.07 SUBMITTALS

- A. Asbestos Site Specific Variance Submittals; if a site specific variance is sought submit the following:
1. One copy of the completed DOSH-751 and DOSH-465 forms.
 2. One copy of the New York State Department of Labor site specific variance decision.
- B. Quality Control Submittals:
1. Notification Compliance Data: Within 2 days after notification is sent to the regulatory agencies submit one copy of each notice sent to each regulatory agency (USEPA and DOL).
 2. Asbestos Removal Company Data: Name and address of proposed asbestos removal company and abatement contractor license issued by DOL.
 3. Asbestos Worker Certification Data: Name and address of proposed asbestos abatement workers and licenses issued by DOL.
 4. Work Plan: For information only, submit one copy of the work plan required under Quality Assurance Article.
 5. Waste Transporter Permit: One copy of transporter's current waste transporter permit from NYS DEC (NYS Part 364 Permit).
 6. Landfill: Landfill to be used for ACM disposal shall be licensed to receive asbestos waste by NYS DEC (NYS Part 360 Permit) and by USEPA. Out of state landfills shall provide licenses from local agencies having jurisdiction.
 7. Negative Air Pressure Equipment: Copy of manufacturer's and performance data of all units and HEPA filters used.
- C. Asbestos Work Closeout Submittals:
1. Waste Shipment Records and Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing that the ACM has been properly disposed.
 - a. Waste shipment record and disposal site receipt must be received within 35 days of the ACM waste leaving the Site. If receipts are not received within the specified time period, the Director's Representative will notify USEPA in writing within 45 days of the ACM waste leaving the Site.
- D. Contract Closeout Submittals:

1. Daily Log: Submit copy of Project Monitor's daily air sample log and a copy of Asbestos Abatement Contractor's Daily project log.
2. Air Monitoring Data: Submit copy of air test results and chain of custody.

1.08 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with the referenced standards.
- B. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Director's Representative at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
 1. The conference shall be attended by the Contractor, the asbestos removal subcontractor, and the testing laboratory employed by the Director.
- C. Work Plan: At the conclusion of the pre-work conference, before the physical abatement Work begins, prepare a detailed work plan.
 1. The work plan shall include, but not be limited to, work procedures, types of equipment, details of equipment used, decontamination unit locations, crew size, and emergency procedures for fire and medical emergencies and for failure of containment barriers.
 2. If a site specific variance is sought, do not finalize the work plan until the Department of Labor decision is received.

1.09 PROJECT CONDITIONS

- A. In addition to the postings required by law, post at the entrance to the abatement area the following documents:
 1. Copy of the printed Work plan.
 2. Copy of Industrial Code Rule 56.
- B. Shut-down of Air Handling System: Complete the Work of this Section within the time limitation allowed for shut-down of the air handling system serving the work area.
 1. The air handling system will not be restarted until approval of the air monitoring tests following the last cleaning.
 2. If total shut down of the system is not acceptable, follow all regulations for local isolation and provision for temporary HVAC as per DOL regulations.
- C. Maintain electric services to those portions of the building and remaining facility not a part of the asbestos abatement work area at all times. Follow all regulations for electric power shut down exemptions as per DOL regulations.
- D. Do not obstruct any aisle or passageway so as to reduce its required width as an exit.

1.10 HEALTH AND SAFETY

- A. Where in the performance of the work, workers, supervisory personnel or sub-contractors may encounter, disturb, or otherwise function in the immediate vicinity of contaminated items and materials, all personnel shall take appropriate continuous measures as necessary to protect all ancillary building occupants from the potential ACM exposure.
 - 1. Such measures shall include the procedures and methods described herein and shall be in compliance with all applicable regulations of Federal, State and Local agencies.

1.11 FIRE PROTECTION, EMERGENCY EGRESS AND SECURITY

- A. Establish emergency and fire exits from the work area containment. Provide first aid kits and two full sets of protective clothing and respirators for use by qualified emergency personnel outside of the work area.
- B. Provide a logbook throughout the entire term of the project. All persons who enter the regulated abatement work area or enclosure shall sign the logbook. Document any intrusion or incident in the log book.

1.12 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- A. Workers must wear personal protective equipment for all projects as per OSHA and DOL regulations. Provide respiratory protection in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- B. Workers must be trained as per OSHA and DOL requirements, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
 - 1. A personal air sampling program shall be in place as required by OSHA.
 - 2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

PART 2 PRODUCTS

2.01 DISPOSAL BAGS

- A. Type: Minimum 6 mil thick, black, and preprinted with a Caution Label.

2.02 EQUIPMENT

- A. Temporary lighting, heating, hot water heating units, ground fault interrupters, and all other equipment on site shall be UL listed.
- B. All electrical equipment shall be in compliance with the National Electric Code, Article 305 - Temporary Wiring.

2.03 GLOVE BAGS

- A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene. Select glove bag sizes appropriate for the size and location of the project.

2.04 NEGATIVE AIR PRESSURE UNITS

- A. Type: Local exhaust system, capable of maintaining negative air pressure within the containment, and provides for HEPA filtration of efficiency not less than 99.97 percent with 0.3 micron particles. Equip the unit with filter alarms lights and operation time meter.

2.06 PLASTIC SHEETS

- A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene.

2.07 RESPIRATORS

- A. Type: As approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

2.08 VACUUM CLEANERS

- A. Type: Vacuums equipped with HEPA filters.

PART 3 EXECUTION

3.01 ASBESTOS-CONTAINING MATERIAL HANDLING AND REMOVAL PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

3.02 CLEAN UP PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

3.03 PROJECT AIR SAMPLING, MONITORING AND ANALYSIS

- A. Air Sampling and Analysis: The Director will employ the services of an independent testing laboratory to perform air sample monitoring. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.
 1. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per ICR 56-4.
 2. Air sampling technician shall be on site to observe and maintain air sampling equipment for the duration of the air sampling collection.
 3. Period of time permitted between completion of air sample collection and receipt of results on the project site shall be equal or less than 48 hours.
- B. If air samples collected outside the regulated work area indicate airborne fiber concentrations at or above 0.01 fibers per cubic centimeter, or the established

background level, which ever is greater, work shall stop immediately for inspection of barriers and negative air ventilation systems. Clean up surfaces outside the regulated work area using HEPA filter equipped vacuums and wet cleaning methods. Work methods shall be altered to reduce fiber concentrations to acceptable levels.

- C. Elevated air sample results, if any, along with background and all other air sample results collected during Phase IIA through Phase IIC shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within the same business day of receipt of results.

3.04 FINAL CLEANING AND CLEARANCE PROCEDURES

- A. Negative Pressure Ventilation: Negative air pressure machines if used, shall remain in continuous operation during the entire length of the project.
- B. Cleaning and Visual Inspection: After first, second, third cleaning and required waiting/settling and drying periods, perform a final visual inspection.
 - 1. Final clearance air sampling shall commence after the waiting/settling and drying time as per ICR 56 has elapsed.
- C. Project Monitor Visual Inspection: The Director will employ the services of a DOL certified asbestos project monitor employed by an independent testing laboratory to perform visual inspection as required by ICR 56.
- D. Final Clearance Air Sampling: The Director will employ the services of an independent testing laboratory to perform final air sampling.
 - 1. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.
 - 2. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per ICR 56-4.
 - 3. If initial Post-Abatement (Clearance Air) Monitoring results do not comply with the standards referenced in Part 1 of this Section the Contractor shall either re-clean or order a full set of TEM analysis.
 - a. Results of the TEM analysis will be conclusive, and if the results do not comply with the standards referenced in Part 1 of this Section, the Contractor shall re-clean and additional full set of air samples will be collected and analyzed until the standards are met.
 - b. All satisfactory PCM clearance air sample results along with background air sample results, if they are greater than or equal to 0.01 fibers per cubic centimeter, shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within two business days of receipt of satisfactory clearance air results.
 - c. All satisfactory TEM results of previously unsatisfactory PCM clearance air sample results, along with the unsatisfactory PCM results shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within two business days of receipt of satisfactory clearance air results.
 - 4. Prior to removal of isolation barriers the Director's Representative at the site will receive an affidavit from the air monitoring laboratory certifying

the final air samples comply with the standards referenced in Part 1 of this Section.

- E. Dismantling of Regulated Abatement Work Area:
 - 1. Remove all tools and equipment after proper decontamination as per Part 1 of this section.
 - 2. Dismantle and remove each tent enclosure and air lock and any barriers only after final clearance air monitoring has been performed and satisfactory results obtained.
 - 3. All remaining polyethylene, duct tape, expandable foam and other barrier materials shall be bagged, wrapped, containerized and labeled as asbestos waste.
 - 4. Remove all temporary hard walled barriers from site.
 - 5. Dismantle any remote decontamination units and plastic sheeting shall be disposed as asbestos waste.
 - 6. Remove all waste generated to the holding area, lockable trailer or dumpster.
 - 7. Contractor's Supervisor shall certify in writing to the Director that abatement work is complete and no debris/residue remains.

3.05 DISPOSAL OF ASBESTOS-CONTAINING MATERIAL AND RELATED DEBRIS

- A. Remove all waste generated as part of the asbestos project from the project site within ten calendar days from the site after completion of Phase IIC of the project or within one day of the waste disposal container/trailer becomes full, whichever occurs first.
- B. Transport and dispose of all the asbestos-containing waste, related debris, and waste water to the approved disposal site.
- C. All generated waste removed from the site must be documented, accounted for and disposed of in compliance with the requirements of USEPA NESHAP.
- D. Comply also with the standards referenced in Part 1 of this Section.

3.06 RESTORATION

- A. Remove temporary decontamination facilities and restore area designated for these facilities to its original condition or better.
- B. Where existing work is damaged or contaminated, restore work to its original condition or better.

END OF SECTION

SECTION 028304

HANDLING OF LEAD CONTAINING MATERIALS

PART 1 GENERAL

1.01 SUMMARY

- A. This Section specifies the requirements for the detection and prevention of lead dust, paint chips, or debris contamination of lead dust control work areas and areas adjacent to them, protection of workers, post-work cleaning, predisposal testing and appropriate disposal of removed material. The results of the testing for lead-containing materials are listed in the appendix.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Existing Hazardous Material Information: Document 003126.
- B. Summary of the Work: Section 011000.
- C. Construction Facilities and Temporary Controls: Section 015000.
- D. Removals Cutting and Patching: Section 017329.

1.03 REFERENCES

- A. New York State Department of Environmental Conservation (DEC) 6NYCRR:
 - 1. Part 360 Solid Waste Management Facilities.
 - 2. Part 364 Waste Transporter Permits.
 - 3. Part 370 Hazardous Waste Management System-General.
 - 4. Part 371 Identification and Listing of Hazardous Wastes.
 - 5. Part 372 Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities.
 - 6. Part 373 Hazardous Waste Management Facilities.
- B. New York State Department of Transportation (DOT): Follow all regulations of 49CFR Part 100 through 199.
- C. Occupational Safety and Health Administration (OSHA): Lead Exposure in Construction: Interim Final Rule 29 CFR 1926.62.
- D. U.S. Department of Housing and Urban Development (HUD): Guidelines for evaluation and control of Lead based paint hazards: Title Ten of Housing and Community Act of 1992.
- E. U.S. Environmental Protection Agency (EPA): Resource Conservation and Recovery Act (RCRA) Section 3004 Hazardous and Solid Waste Amendments.
- F. U.S. Environmental Protection Agency (EPA): Toxicity Characteristics Leaching Procedure EPA Method 1311.

1.04 DEFINITIONS

- A. Authorized Personnel: Facility or the Director's Representative, and all other personnel who are authorized officials of any regulating agency, be it State, Local, Federal or Private entity who possess legal authority for enforcement or inspection of the work.
- B. Containment: The enclosure within the building which establishes a contaminated area and surrounds the location where lead remediation is taking place and establishes a Lead Control Work Area.
- C. Floor Surface Clearance Criteria: Shall be determined and established by an independent testing lab hired by the Director's Representative, conforming to all standards set forth by all authorities having jurisdiction, mentioned in the references, and issue the certification of cleaning. At a minimum no single post work lead wipe sample test values shall have reading levels greater than the levels established by pre-work wipe sampling test values, or greater than 40 mg/ft². Record levels in mg/ft².
- D. Fixed Object: Mechanical equipment, electrical equipment, fire detection systems, alarms, and all other fixed equipment, furniture, fixtures or other items which cannot be removed from the work area.
- E. HEPA: High Efficiency Particulate Absolute filtration efficiency of 99.97 percent down to 0.3 microns. Filtration provided on specialized vacuums and air filtration devices to trap particles.
- F. Lead Based Paint (LBP): Paints or other surface coatings that contain lead equal to or greater than 1.0 milligrams per square centimeter or 0.5 percent of lead by weight.
- G. Lead Dust Control Work Area: A cordoned off area with drop clothes or an enclosed area or structure with containment to prevent the spread of lead dust, paint chips, or debris from lead-containing paint disturbance operations.
- H. PPE: Personal Protective Equipment.

1.05 ABBREVIATIONS

- A. ASTM: American Society for Testing and Materials
1916 Race Street
Philadelphia, PA 19103
- B. CFR: Code of Federal Regulations
Government Printing Office
Washington, DC 20402
- C. DOT: Department of Transportation
Main Office, 50 Wolf Road
Albany, NY 12232
- D. NIOSH: National Institute for Occupational Safety and Health

Building J, N.E. Room 3007
Atlanta, Georgia 30333

- E. OSHA: Occupational Safety and Health Administration
200 Constitution Avenue
Washington, DC 20210
- F. USEPA: United States Environmental Protection Agency
401 M Street SW
Washington, DC 20460

1.06 SUBMITTALS

- A. Quality Control Submittals: Submit the entire Lead Abatement submittal package at the same time.
 - 1. Worker' Qualifications: The persons removing lead containing/coated material and their Supervisors shall be personally experienced in this type of work and shall have been employed by a company with a minimum of one year experience in this type of work. Submit a copy of documentation of completion of the EPA lead renovators training program.
 - a. Name of lead supervisor on site during the work.
 - 2. Detailed Work Plan: Submit one copy of the work plan required under Quality Assurance Article.
 - 3. Waste Transporter Permit: One copy of transporter's current NYS DEC waste transporter permit.
- B. Operation and Maintenance Data: Submit air filtration unit operation and maintenance data and manufacturer's catalog sheets for the HEPA filter.
 - 1. Provide an affidavit stating that the HEPA filters to be used for this project are new and unused.
- C. Contract Closeout Submittals:
 - 1. Assessment Report compiled by a testing lab certifying that the work area has lead concentrations below the levels specified under the cleaning criteria.
 - 2. Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing that the lead-containing materials have been properly disposed.

1.07 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with the referenced standards.
- B. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Director's Representative at the Site with the contractor and the lead handling subcontractor (if any) for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
- C. Detailed Lead-Containing Material Removal Work Plan: Before the physical Work begins, prepare a detailed lead-containing material removal work plan.

1. The work plan shall include, but not be limited to, the location, size, and details of lead dust control work areas, containment, sequencing of lead containing material handling, work procedures, types of equipment, crew size, and emergency procedures for fire and medical emergencies.

1.08 PROJECT CONDITIONS

- A. Shut-down of Air Handling System: Complete the Work of this Section within the time limitation allowed for shutdown of the air handling system serving the work area.
 1. The air handling system will not be restarted until approval of the post-work dust-wipe testing following the last cleaning.
- B. Cover and seal all fin-tube radiator covers, diffusers, duplex outlets, speakers, smoke and heat detectors, etc. Use temporary plasticized partitions as required.
 1. Prevent lead containing dust from entering hard to clean areas within the dust containment area.
 2. Items judged to be too difficult to protect may be disconnected, removed and replaced at contractor's option.
- C. Remove or encase all movable equipment in the work area with two layers of six mil fire retardant polyethylene sheeting.
- D. Cut and altar existing materials as required to perform the work. Limit cutting to the smallest amount necessary. Core drill round holes and saw cut other openings where possible for removal work. Flame cutting, high speed grinding or welding is prohibited on lead painted surfaces.

1.09 HEALTH AND SAFETY

- A. Where in the performance of the work, workers, supervisory personnel or sub-contractors may encounter, disturb, or otherwise function in the immediate vicinity of contaminated items and materials, all personnel shall take appropriate continuous measures as necessary to protect all ancillary building occupants from the potential lead exposure.
 1. Such measures shall include the procedures and methods described herein and shall be in compliance with all applicable regulations of Federal, State and Local agencies.

1.10 FIRE PROTECTION, EMERGENCY EGRESS AND SECURITY

- A. Establish emergency and fire exits from the lead dust control work area containment. Provide first aid kits and two full sets of protective clothing and respirators for use by qualified emergency personnel outside of the work area.
- B. Provide a logbook throughout the entire term of the project. All persons who enter the regulated lead dust control work area or containment shall sign the logbook. Document any intrusion or incident in the log book.

1.11 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- A. Workers must wear protective suits, protective gloves, eye protection and a minimum of half-face respirator with new HEPA filter cartridge for all projects. Respiratory protection shall be in accordance with OSHA regulation 1910.134 and ANSI Z88.2.
- B. Workers must be trained per EPA, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
 - 1. A personal air sampling program shall be in place as required by OSHA.
 - 2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

PART 2 PRODUCTS

2.01 RESPIRATORS

- A. Type: Approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

2.02 VACUUM CLEANERS

- A. Type: Vacuums equipped with new HEPA filters.

2.03 PLASTIC SHEETS

- A. Type: Minimum 6 mil., clear, fire retardant polyethylene sheets.
- B. Floor Protective Layer: Minimum 10 mil., reinforced polyethylene sheets.

2.04 DISPOSAL BAGS

- A. Type: Minimum 6 mil thick, clear polyethylene bags with preprinted Caution Label. Properly containerize/drum prior to disposal.

2.05 EQUIPMENT

- A. Temporary lighting, heating, hot water heating units, ground fault interrupters, and all other equipment on site shall be UL listed and shall be safe, proper, and sufficient for the purpose intended.
- B. All electrical equipment shall be in compliance with the National Electric Code, Article 305 - Temporary Wiring.

PART 3 EXECUTION

3.01 PRE-WORK WIPE TESTING

- A. Testing: The Director's Representative will employ the services of an independent testing laboratory to perform the pre-work testing within the lead dust control work area and the areas adjacent to the lead dust control work area.
 - 1. The testing lab will be New York State Department of Health, Environmental Laboratory Accreditation Program (NYS ELAP).

3.02 EMPLOYEE PROTECTION

- A. Comply with all applicable Occupational Safety and Health Administration (OSHA) Requirements.

3.03 LEAD-CONTAINING/COATED MATERIAL HANDLING AND DISPOSAL

- A. Handle and dispose of lead-containing materials in accordance with OSHA 1926.62 and the approved lead-containing material work plan. Use procedures and equipment required to limit occupational and environmental exposure to lead when material containing or coated with lead containing paint is handled and disposed of in accordance with referenced standards.

3.04 POST-WORK WIPE TESTING

- A. Testing: The Director will employ the services of an independent testing laboratory to perform the post-work testing within the lead dust control work area and the areas adjacent to the lead dust control work area.
 - 1. The testing lab will be New York State Department of Health, Environmental Laboratory Accreditation Program (NYS ELAP).

3.05 CLEANING CRITERIA

- A. Cleaning criteria is separated into two categories; areas within the lead dust control work area, and areas adjacent to the lead dust control work area:
 - 1. Surfaces within the Lead Dust Control Work Area: In each area where the lead containing/coated materials have been disturbed, compare the post work wipe sample values with the pre work wipe sample values. If any of the sample values exceed the pre work values, clean again and schedule retesting until the lead levels are equal to or less than the pre work values or less than the HUD guidelines listed below. Any other surfaces inside the lead dust control work area that are not listed below shall be cleaned to the pre work values:
 - a. Floors: 40 micrograms of lead per square foot.
 - b. Window Sills: 250 micrograms of lead per square foot.
 - c. Window Troughs: 400 micrograms of lead per square foot.
 - d. Soil: 400 ppm in play areas and 1,200 ppm in bare soil in the remainder of the yard.
 - 2. Areas Adjacent to the Lead Dust Control Work Area: In each area where the work has been performed, compare the post work wipe sample values with the pre work wipe sample values. If any of the sample values exceed the pre work values, the area has been contaminated by the work

and cleaning is mandatory.

- a. Clean all affected surfaces and schedule retesting. If results still exceed pre work wipe sample values, clean again and schedule retesting until the following criteria is met or until the lead dust values are equal to or lower than the pre-work wipe sample values. Any affected surfaces that are not listed below shall be cleaned to pre-work levels.
 - 1) Floors: 40 micrograms of lead per square foot.
 - 2) Window Sills: 250 micrograms of lead per square foot.
 - 3) Window Troughs: 400 micrograms of lead per square foot.
 - 4) Soil: 400 ppm in play areas and 1,200 ppm in bare soil in the remainder of the yard.

3.06 CERTIFICATION OF CLEANING

- A. Schedule dust wipe testing with the Director's Representative at the site, when work area is ready for clearance testing.
- B. Director's Representative will employ the services of an independent testing lab to perform clearance testing.
 1. Prior to removal of any isolation barrier, the Director's Representative will obtain a written affidavit and a final assessment report from the lab stating that the tests conform to all standards set forth by all authorities having jurisdiction, mentioned in the references.
 2. Schedule a walk-through inspection with the Director's Representative and obtain his written approval.
- C. The Director's Representative shall have final determination of an acceptable clearance level.

3.07 PRE-DISPOSAL TESTING

- A. Prior to disposal, the Director's Representative will employ the services of an independent testing lab to perform clearance testing of the removed materials for toxicity in accordance with EPA Method 1311, Toxicity Characteristic Leaching Procedure (TCLP).
 1. Test results indicating a value greater than 5 ppm lead or 5mg/L classifies the removed material as Hazardous Waste.

3.09 DISPOSAL OF LEAD-CONTAINING/COATED MATERIAL AND RELATED DEBRIS

- A. Transport and dispose of lead-containing material classified as Hazardous Waste in accordance with the standards referenced in Part 1 of this Section.
- B. Transport and dispose of lead-containing material classified as Non- Hazardous Waste in accordance with the standards referenced in Part 1 of this Section.

3.10 RESTORATION

- A. Remove temporary decontamination facilities and restore area designated for these facilities to its original condition or better.
- B. Where existing construction is damaged or contaminated during the course of performing this project, restore area to its condition or better.

END OF SECTION



ATLANTIC TESTING LABORATORIES

Plattsburgh

130 Arizona Avenue

Suite 1540

Plattsburgh, NY 12903

518/563-5878 (T)

518/562-1321 (F)

January 7, 2014

State of New York – Executive Department
Office of General Services
Mayor Erastus Corning 2nd Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, New York 12242

Attn: Mr. Jim Carter

Re: Limited Hazardous Materials Survey
Provide Fire Alarm and Detection System
State Armory
Saranac Lake, New York 12983
Comptroller's Contract No. SA095
NYSOGS Project No. Q1535
NYSOGS Work Order No. 45
ATL Report No. PL5413CE-01-12-13

Ladies/Gentlemen:

Enclosed is a copy of the Limited Hazardous Materials Survey report prepared for the referenced site. This project was completed in accordance with the scope of work outlined in Work Order No. 45, to Contract No. SA095, and authorized by James F. Dirolf on November 13, 2013.

Please contact our office should you have any questions, or if we may be of further assistance.

Sincerely,
ATLANTIC TESTING LABORATORIES, Limited

Nicholas Senecal
Senior Environmental Technician

NAS/CJD/ns

Enclosures

cc: NYSOGS - EIC

LIMITED HAZARDOUS MATERIALS SURVEY

**PROVIDE FIRE ALARM AND DETECTION SYSTEM
STATE ARMORY
SARANAC LAKE, NEW YORK
NYSOGS PROJECT NO. Q1535**



PREPARED FOR:

**State Office of New York – Executive Department
Office of General Services
Mayor Erastus Corning 2nd Tower
The Governor Nelson A. Rockefeller Empire State Plaza
Albany, NY 12242**

PREPARED BY:

**Atlantic Testing Laboratories, Limited
130 Arizona Ave. Suite 1540
Plattsburgh, New York 12972**

ATL REPORT NO. PL5413CE-01-12-13

January 7, 2014

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1.0 INTRODUCTION

1.1 Purpose

Atlantic Testing Laboratories, Limited (ATL) was retained by the Office of General Services, to perform a limited hazardous materials survey of designated areas within the state armory in Saranac Lake, New York. The limited survey was performed on November 25, 2013. The purpose of the limited hazardous materials survey was to identify asbestos-containing materials (ACM) and lead-based paint (LBP) that are present on exposed surfaces within the subject areas, and may have a significant impact on planned renovation activities. The limited hazardous materials survey procedures and report format that follow are in general compliance with applicable local, state, and federal rules and regulations.

1.2 Project Team and Certifications

Members of the ATL project team included R. Daniel Faulknham, Assistant Operations Manager; and Joseph D. Grabowski, Senior Project Manager. Certifications of ATL's field survey team members and a copy of applicable company licenses maintained by ATL are included in Appendix A.

2.0 SCOPE OF WORK

2.1 Project Description

The project site is located at the State Armory, State Route 3, Saranac Lake, Essex County, New York. A Site Location Map, depicting the general location of the project site, is included in Appendix B.

The intent of the limited hazardous materials survey was to identify suspect ACM and LBP that are located within designated areas of the State Armory and may be impacted during a proposed fire alarm and detection system project.

The limited hazardous materials survey was conducted for the subject areas, as directed by James F. Dirolf, representing Office of General Services. The subject areas were operational, but not occupied or operational at the time of the sampling event.

2.2 Inaccessible Areas

The extent of inaccessible areas is dependent upon the building type, construction materials, history of renovations and repairs, and project scope. Concealed materials may exist in areas that are not readily exposed to view. Although this limited hazardous materials survey was performed to identify ACM and LBP within the subject areas, potential ACM and LBP may have escaped detection that could be encountered during future building demolition and/or renovation activities. Wall, ceiling, floor, roofing, and/or other component systems may contain concealed suspect ACM and/or LBP. If any suspect ACM and/or LBP, are encountered during demolition and/or renovation activities, the activities disturbing the suspect ACM and/or LBP must stop and the material must be sampled and laboratory analyzed in accordance with applicable regulations.

2.3 Document Review

Documents that were provided to ATL for review during the limited hazardous materials survey included drawings for the first and second floor plans, identified as Drawing Nos. E-101 and E-102, and provided by Office of General Services.

2.4 Limitations

This report has been prepared in accordance with the scope of work outlined in Work Order No. 45, to Contract No. SA095, and should not be used as abatement specifications or design documents. The findings, conclusions, and recommendations presented in this report are based on the field observations made by representatives of ATL and the information provided by representatives of Office of General Services.

Quantities and locations of sampled materials are approximate, and should be verified by the abatement contractor(s) prior to providing actual cost quotations and/or initiating abatement activities. Variations in reported quantities and locations for sampled materials, in addition to the discovery of suspect materials not identified in this report, is possible due to the presence of inaccessible areas, as described in Section 2.2 of this report.

The findings and opinions are relevant to the dates of our site work and should not be relied on to represent conditions at substantially later dates.

3.0 ASBESTOS

3.1 Methodology

A visual examination of the subject areas was conducted by an Asbestos Building Inspector to identify suspect ACM. Functional spaces were identified to assist while locating suspect ACM. A functional space is defined as a spatially distinct area within a building that contains identifiable populations of building occupants. A functional space may include a room, a group of rooms, or other defined area, and several functional spaces may comprise a single homogeneous sampling area. A homogeneous sampling area is defined as an area that is uniform by color, texture, construction/application, and general appearance. Each identified functional space was visually examined to determine the locations of suspect ACM. These materials were then delineated into homogeneous sampling areas.

Samples of each accessible homogeneous area were collected and placed in clean, labeled containers. The appropriate custody documentation was completed and the suspect ACM samples were submitted to AmeriSci New York (AmeriSci), located in New York, New York. The samples were laboratory analyzed by polarized light microscopy (PLM) and transmission electron microscopy (TEM) methodologies, as applicable. AmeriSci is a New York State Department of Health (NYSDOH) certified laboratory for PLM and TEM analysis under Environmental Laboratory Approval Program (ELAP) No. 11480. AmeriSci is also accredited by the National Institute of Standards and Technology (NIST), under the National Voluntary Laboratory Accreditation Program (NVLAP).

3.2 Regulatory Compliance

In New York State, there are multiple regulatory agencies that have jurisdiction over ACM in buildings. Asbestos survey requirements are primarily regulated or specified by the New York State Department of Labor (NYSDOL), the New York State Department of Health (NYSDOH),

the Occupational Safety and Health Administration (OSHA), and the United States Environmental Protection Agency (EPA).

The NYSDOL established Part 56 of The Official Compilation of Codes, Rules, and Regulations (cited as 12 NYCRR, Part 56) to address the proper identification, handling, removal, and disposal of ACM in buildings. Asbestos survey requirements are specified in Subpart 56-5.1 "Asbestos Survey Requirements for Building/Structure Demolition, Renovation, Remodeling and Repair". The NYSDOL also works in conjunction with the NYSDOH to establish and maintain asbestos safety training program requirements, and enforce personnel certifications and licensing protocol for asbestos contractors.

The OSHA defines requirements for asbestos surveys and identification of ACM and presumed asbestos-containing materials (PACM) in 29 CFR 1926.1101 (k) "Communication of Hazards". Under this regulation, OSHA makes reference to conducting inspections according to 1926.1101 (k)(5)(ii)(B) and 1926.1101 (k)(5)(iii) or pursuant to the requirements of the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR Part 763, Subpart E "Asbestos-Containing Materials in Schools." The AHERA is regulated by the EPA, and applies to primary and secondary schools only; however, the procedures mandated under AHERA are generally considered the industry standards for surveys, as these are typically the most stringent.

3.3 Summary of Findings

A total of 17 homogeneous areas of suspect ACM were identified during the visual examination, from which 42 bulk samples were collected and subsequently submitted to a NYSDOH approved laboratory for analysis. Approximate sample locations are depicted on the Sample Location Plans, contained in Appendix C. A copy of laboratory reports and sample custody documentation are contained in Appendix D. Table I below provides a summary of the identified suspect ACM and associated analytical results.

Table I
Summary of Suspect ACM and Analytical Results

Material	General Location¹	Friable	% Asbestos²	Condition	Sample Numbers	Estimated Quantity^{3,4}
Gypsum Board Ceiling ⁵	1 st Floor Corridor, Main Entry Vestibule, 2 nd Floor Corridor, Officers Room 18, State Office Room	Yes	NAD ⁵	Fair	PL5413AI01A PL5413AI01B	1,380 Square Feet
White Joint Compound Associated with Gypsum Board Ceiling	1 st Floor Corridor, Main Entry Vestibule, 2 nd Floor Corridor, Officers Room 18, State Office Room	Yes	1.8	Fair	PL5413AI02A PL5413AI02B	1,380 Square Feet

Material	General Location¹	Friable	% Asbestos²	Condition	Sample Numbers	Estimated Quantity^{3,4}
Brown with Red and White 9-by 9-Inch Floor Tile	1st Floor Corridor, 2nd Floor Corridor, Room 4,5	No	9.3	Fair	PL5413AI03A PL5413AI03B	1,200 Square Feet
Black Mastic Associated with Brown with Red and White 9-by-9 Inch Floor tile	Room 5 Second Floor, First Floor Corridor, 2nd Floor Corridor, Rooms 4 and 5	No	2.3	Fair	PL5413AI04A PL5413AI04B	1,200 Square Feet
Dark Brown with Red and White 9-by 9-Inch Floor Tile	Stairwells A and B, Locker Room	No	7.2	Fair	PL5413AI05A PL5413AI05B	1,200 Square Feet
Black Mastic Associated with Dark Brown With Red and White 9-by 9-Inch Floor Tile	Stairwells A and B, Locker Room	No	Trace	Fair	PL5413AI06A PL5413AI06B	NA
Light Brown w/ White 9-by 9-Inch Floor Tile	Main Entry Vestibule, Kitchen	No	4.4	Fair	PL5413AI07A PL5413AI07B	240 Square Feet
Black Mastic Associated with Light Brown with White 9-by 9-Inch Floor Tile	Main Entry Vestibule, Kitchen	No	2.8	Fair	PL5413AI08A PL5413AI08B	240 Square Feet
6-Inch Black Cove Base	Stairwells A and B, Main Entry Vestibule, 1 st Floor Corridor, Rooms 4 and 5	No	NAD	Fair	PL5413AI09A PL5413AI09B	NA
6-Inch Black Cove Base Mastic	Stairwells A and B, Main Entry Vestibule, 1st Floor Corridor, Rooms 4 and 5	No	NAD	Fair	PL5413AI10A PL5413AI10B	NA

Material	General Location ¹	Friable	% Asbestos ²	Condition	Sample Numbers	Estimated Quantity ^{3,4}
White Skim Coat Ceiling Plaster	Kitchen, Stairwells A and B, Locker Room, Officer Room 18	Yes	NAD	Fair	PL5413AI11A PL5413AI11B PL5413AI11C PL5413AI11D PL5413AI11E	NA
Gray Base Coat Ceiling Plaster	Kitchen, Stairwells A and B, Locker Room, Officer Room 18	Yes	NAD	Fair	PL5413AI12A PL5413AI12B PL5413AI12C PL5413AI12D PL5413AI12E	NA
White Gypsum Deck	Locker Room, Drill Hall, Garage	Yes	NAD	Fair	PL5413AI13A PL5413AI13B	NA
1-by 1-Foot White Pinhole Ceiling Tile	Rooms 4 and 5	Yes	NAD	Fair	PL5413AI14A PL5413AI14B	NA
Gray Glazed Tile Mortar	Kitchen, Shower Room, Main Entry Vestibule	Yes	NAD	Fair	PL5413AI15A PL5413AI15B	NA
Gray Thermal System Insulation (TSI) Mudded Fitting	Main Vestibule (Above Ceiling)	Yes	14.3	Fair	PL5413AI16A PL5413AI16B PL5413AI16C	4 Square Feet
Yellow TSI Pipe Jacket	1 Floor, Main Vestibule, First Floor Corridor (On fiberglass)	Yes	NAD	Fair	PL5413AI17A PL5413AI17B PL5413AI17C	NA

Notes:

¹ Sample Location Plans are enclosed in Appendix C.

² NAD = No Asbestos Detected

³ Quantities and locations are approximate and must be verified by asbestos abatement contractors prior to providing actual cost quotations and/or initiating abatement activities.

⁴ NA = Not Applicable

⁵ Material should be managed ACM due to it being co-mingled with asbestos-containing joint compound.

The EPA, NYSDOL, and other regulatory agencies define ACM as any material containing greater than 1% of asbestos. Materials listed in bold font in Table I above were determined or assumed to be ACM.

Materials containing trace asbestos (i.e., less than 1%) are not considered ACM; however, the OSHA recognizes materials that contain trace amounts of asbestos, and requires these materials be handled in accordance with their standard interpretation letter titled "Requirements for demolition operations involving material containing <1% asbestos", dated August 13, 1999. As shown in Table I above, 1 material was determined to contain trace amounts of asbestos.

4.0 LEAD-BASED PAINT

4.1 Methodology

A visual examination of the subject building was conducted by a Lead Risk Assessor to identify visible and accessible painted surfaces. The painted surfaces were categorized into homogeneous areas from which tests could be conducted. Each homogeneous area was tested using a ThermoFisher Scientific Niton XLp 303A XRF Analyzer. This equipment provides instantaneous measurements for lead concentration in mg/cm², and displays readings that are positive or negative indications for LBP. Calibration checks for the XRF equipment were performed in accordance with the manufacturer's recommendations.

4.2 Regulatory Compliance

Although New York State has established Title X, Part 67 of The Official Compilation of Codes, Rules, and Regulations (cited as NYCRR Title X, Part 67) for "Lead Poisoning Prevention and Control," LBP inspections and risk assessments are generally subject to the requirements of federal regulations. The United States Department of Housing and Urban Development (HUD), EPA, and OSHA are the primary federal regulatory agencies responsible for the establishment and enforcement of such regulations. On a state level, the NYSDOH does require laboratories to be certified to perform lead analysis under the ELAP.

The HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" include details pertaining to sampling and analysis of suspect LBP, in addition to the identification and control of LBP hazards. The HUD guidelines pertain to federally owned or assisted housing; however, these are commonly referenced and made mandatory by other regulatory agencies. The EPA requirements for LBP activities, specified in 40 CFR Part 745, apply to targeted housing and child-occupied facilities, and are similar to HUD guideline requirements.

The OSHA Construction Standard for Lead (29 CFR 1926.62) applies to employees of an employer who may or will be exposed to occupational levels of lead. OSHA requires employees to maintain, at a minimum, awareness, respiratory protection, and hazard communication training.

4.3 Summary of Findings

A total of 38 locations were tested using the XRF spectrometer. Approximate sample locations are described in the tables contained in Appendix E. The tables in Appendix E provide a summary of the XRF results and calibration checks. The XRF results provided in Table E-I of Appendix E represent painted surfaces that were determined to be LBP, per HUD criteria. Table E-II of Appendix E identifies painted surfaces that contain detectable concentrations of lead, but are not considered LBP, as compared to HUD criteria. Painted surfaces that did not contain lead at a concentration above the method detection limits are summarized in Table E-III of Appendix E. Table E-IV includes the XRF calibrations checks.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are prepared from ATL's understanding that the subject buildings may be subject to renovation projects. Should the management of the building areas change, it is recommended that the findings be revisited to reflect appropriate operations and management practices for ACM and LBP.

5.1 General

1. Concealed regulated ACM and LBP may exist at the site that could be encountered during future building renovation activities. Wall, ceiling, floor, roofing, and/or other component systems may contain concealed suspect ACM and/or LBP. If any suspect ACM or LBP, is encountered during demolition and/or renovation activities, the activities disturbing the suspect ACM and/or LBP must stop and the material must be sampled and laboratory analyzed in accordance with applicable regulations.

5.2 Asbestos-Containing Materials

1. The materials listed in bold in Table I of Section 3.3 were determined to be ACM. The referenced table also shows materials that contain trace concentrations of asbestos and are regulated under OSHA.
2. Subpart 56-5(h) of 12 NYCRR Part 56 requires that no demolition, renovation, remodeling, or repair work be commenced by any owner or the owner's agent prior to the completion of asbestos abatement. Asbestos abatement must be performed by an asbestos abatement contractor that maintains a current asbestos handling license, and employs NYSDOL certified asbestos handlers and supervisors. It is recommended that a 12 NYCRR 56 certified Project Monitor oversee abatement activities.
3. Subpart 56-5(g) of 12 NYCRR Part 56 specifies requirements for transmittal of asbestos survey information by the owner or owner's agent. One copy of the asbestos survey report shall be sent to the local government entity charged with issuing a permit for such demolition, renovation, remodeling, or repair work under applicable State or local laws. If controlled demolition or pre-demolition activities will be performed, one copy of the asbestos survey report shall be submitted to the appropriate Asbestos Control Bureau district office. One copy of the asbestos survey report must be kept on the construction site throughout the duration of the asbestos project and any associated demolition, renovation, remodeling, or repair project.

5.3 Lead-Based Paint

1. The materials listed in Table E-I of Appendix E were determined to be LBP per HUD criteria. Table E-II of Appendix D lists materials that are not considered LBP per HUD criteria, but contain detectable concentrations of lead and are regulated under OSHA.
2. Identified LBP or paint with a detectable concentration of lead should be managed in accordance with applicable EPA and OSHA requirements prior to or during demolition, renovation, remodeling, or repair work.
3. Demolition/renovation contractors are required to conduct exposure monitoring or use historical objective data to ensure that employee exposures do not exceed the action level of $30 \mu\text{g}/\text{m}^3$.

APPENDIX A
LICENSES AND CERTIFICATIONS

New York State Department of Labor

Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Atlantic Testing Laboratories, Limited

P.O. Box 29

Canton, NY 13617

FILE NUMBER: 9970911

LICENSE NUMBER: 29276

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 10/30/2013

EXPIRATION DATE: 11/30/2014

Duly Authorized Representative: Marjehan B. Remington

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

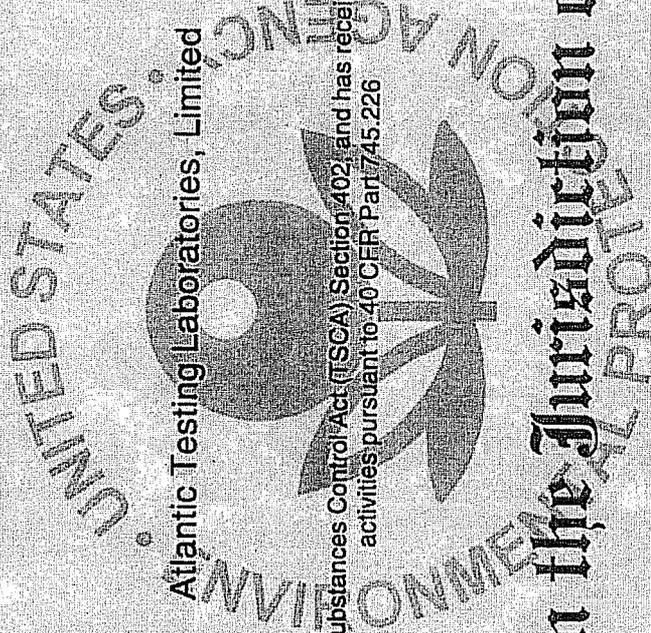
This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Eileen M. Franko

Eileen M. Franko, Acting Director
For the Commissioner of Labor

United States Environmental Protection Agency

This is to certify that



Atlantic Testing Laboratories, Limited

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

New York

This certification is valid from the date of issuance and expires

March 25, 2016

NY-8962-4

Certification #

February 06, 2013

Issued On

Michelle Price

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch

STATE OF NEW YORK DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



JOSEPH D. GRABOWSKI
CLASS/EXPIRES
CAIEC(12/14) D INSP(12/14)
EMGPL(12/14) H PM (12/14)
PD (12/14)

CERT# 01-08166
DMVA 6A2157433

MUST BE CARRIED ON ASBESTOS PROJECTS

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **676890**

I - To be completed by Trainee

Name of Trainee (print) <i>Joseph D. Gomborski</i>		NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <i>687157453</i>	
Signature of Trainee <i>Joseph D. Gomborski</i>		Telephone Number <i>315-324-5905</i>	Date of Birth ¹ <i>12/11/76</i>
Address <i>2 Scott Acres</i> (Street or PO Box)	<i>Hannond</i> (City)	<i>NY</i> (State)	<i>13846</i> (Zip Code)

II - To be completed by Training Sponsor

Provider's Name <i>ECMC</i>		Telephone Number <i>315 687 9435</i>	
Address <i>115 Genesee St</i>		Course Location: <i>Chatterango</i>	
Zip Code <i>Chatterango NY 13037</i>			
Course Title: <i>Project Designer</i>		<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Refresher
		<input type="checkbox"/> NYS DOH use only DOH Equivalency ²	
Training Language: <input checked="" type="checkbox"/> English <input type="checkbox"/> Other:		Exam Grade/Date: <i>100% 10/17/13</i>	
Dates of Training: From: <i>10/17/13</i> To: <i>10/17/13</i> Expires: <i>07/14</i>			

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: *Charles Kirch* (Print) *Charles Kirch* (Signature)

DOH-2832 (10/03)

¹Optional Information

²DOH Equivalency signed by NYS DOH representative only

DEPT. OF LABOR

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **680745**

I - To be completed by Trainee

Name of Trainee (print) <i>Joseph D. Gomborski</i>		NYS Depart. of Motor Vehicles ID (DMV ID) ¹ <i>687157453</i>	
Signature of Trainee <i>Joseph D. Gomborski</i>		Telephone Number <i>315-324-5905</i>	Date of Birth ¹ <i>12/11/76</i>
Address <i>2 Scott Acres</i> (Street or PO Box)	<i>Hannond</i> (City)	<i>NY</i> (State)	<i>13846</i> (Zip Code)

II - To be completed by Training Sponsor

Provider's Name <i>ECMC</i>		Telephone Number <i>315 687 9435</i>	
Address <i>115 Genesee St</i>		Course Location: <i>Chatterango</i>	
Zip Code <i>Chatterango NY 13037</i>			
Course Title: <i>Project Monitor</i>		<input type="checkbox"/> Initial	<input checked="" type="checkbox"/> Refresher
		<input type="checkbox"/> NYS DOH use only DOH Equivalency ²	
Training Language: <input checked="" type="checkbox"/> English <input type="checkbox"/> Other:		Exam Grade/Date: <i>100% 10/28/13</i>	
Dates of Training: From: <i>10/28/13</i> To: <i>10/28/13</i> Expires: <i>10/28/14</i>			

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: *Charles Kirch* (Print) *Charles Kirch* (Signature)

DEPT. OF LABOR

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **680706**

I - To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID) ¹		
<i>Joseph D. Gerabolski</i>	<i>687157453</i>		
Signature of Trainee	Telephone Number	Date of Birth ¹	
<i>Joseph D. Gerabolski</i>	<i>315-324-5905</i>	<i>12/11/76</i>	
Address			
<i>2 Scott Acres</i>	<i>Hammond</i>	<i>N.Y.</i>	<i>13606</i>
(Street or PO Box)	(City)	(State)	(Zip Code)

II - To be completed by Training Sponsor

Provider's Name	Telephone Number
<i>ECMC</i>	<i>315 687 9435</i>
Address	Course Location:
<i>115 Genesee St</i>	<i>Chatteraugo</i>
Zip Code	
<i>Chatteraugo NY 13037</i>	
Course Title: <i>Building Inspector</i>	<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Refresher <input type="checkbox"/> <small>NYS DOH use only</small> DOH Equivalency ²
Training Language: <input checked="" type="checkbox"/> English <input type="checkbox"/> Other:	Exam Grade/Date: <i>96% 10/24/13</i>
Dates of Training: From: <i>10/24/13</i> To: <i>10/24/13</i> Expires: <i>10/24/14</i>	

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: *MICHAEL WELLS* (Print)  (Signature)

New York State Department of Health Certificate of Asbestos Safety Training

This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **680724**

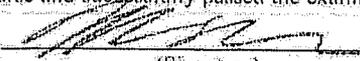
I - To be completed by Trainee

Name of Trainee (print)	NYS Depart. of Motor Vehicles ID (DMV ID) ¹		
<i>Joseph D. Gerabolski</i>	<i>687157453</i>		
Signature of Trainee	Telephone Number	Date of Birth ¹	
<i>Joseph D. Gerabolski</i>	<i>315-324-5905</i>	<i>12/11/76</i>	
Address			
<i>2 Scott Acres</i>	<i>Hammond</i>	<i>N.Y.</i>	<i>13606</i>
(Street or PO Box)	(City)	(State)	(Zip Code)

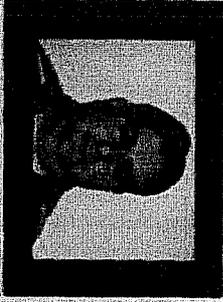
II - To be completed by Training Sponsor

Provider's Name	Telephone Number
<i>ECMC</i>	<i>315 687 9435</i>
Address	Course Location:
<i>115 Genesee St</i>	<i>Chatteraugo</i>
Zip Code	
<i>Chatteraugo NY 13037</i>	
Course Title: <i>Management Planner</i>	<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Refresher <input type="checkbox"/> <small>NYS DOH use only</small> DOH Equivalency ²
Training Language: <input checked="" type="checkbox"/> English <input type="checkbox"/> Other:	Exam Grade/Date: <i>100% 10/24/13</i>
Dates of Training: From: <i>10/24/13</i> To: <i>10/24/13</i> Expires: <i>10/24/14</i>	

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: *MICHAEL WELLS* (Print)  (Signature)

**Region 2 Tribal Lands
RISK ASSESSOR**



**Certified Lead-Based
Paint Professional**

Certification No. **TZ-R-17990-2**

Date of Birth	Expiration Date
12/11/1976	04/09/2016

Address
**2 Scot Acres
Hammond, NY 13646**

Badge Holder's Name
Joseph Donald Grabowski

Badge Holder's Signature



If found, drop in any mailbox
Postmaster: Please return to:
**US EPA
1200 Pennsylvania Ave, NW
(MC-740407)
Washington, DC 20460
or call 1-800-424-LEAD**



New York State Department of Health Certificate of Asbestos Safety Training
 This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **660575**

I - To be completed by Trainee

Name of Trainee (print) <u>R. Daniel Frankham</u>		NYS Dept. of Motor Vehicles ID (DMV ID) <u>466 160 262</u>	
Signature of Trainee <u>[Signature]</u>		Telephone Number <u>315-438-2407</u>	Date of Birth <u>07/21/81</u>
Address <u>P. Box 423 Cayuga</u>		<u>NY 13613</u>	
(Street or PO Box)	(City)	(State)	(Zip Code)

II - To be completed by Training Sponsor

Provider's Name Cardno ATC		Telephone Number	
Address 73 William Franks Drive West Springfield, MA 01089 (413) 781-0070		Course Cardno ATC Location: 10 Colvin Ave., Ste. 101 Albany, NY 12206 P. 518.438.0451	
Zip Code			

Course Title: Project Monitor Initial Refresher NYS DOH use only
 DOH Equivalency?

Training Language: English Other: _____ Exam Grade/Date: 100% 3.6.13

Dates of Training: From: 03/06/13 To: --- Expires: 03/06/14

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director: David Johnson [Signature]
 (Print) (Signature)

DOH-2832 (10/03) Optional Information *DOH Equivalency signed by NYS DOH representative only **STUDENT**

New York State Department of Health Certificate of Asbestos Safety Training
 This form is the official record of successful completion of a New York State accredited asbestos safety training course.

Certificate No. **660580**

I - To be completed by Trainee

Name of Trainee (print) <u>R. Daniel Frankham</u>		NYS Dept. of Motor Vehicles ID (DMV ID) <u>466 160 262</u>	
Signature of Trainee <u>[Signature]</u>		Telephone Number <u>315-438-2407</u>	Date of Birth <u>7/21/81</u>
Address <u>P. Box 423 Cayuga</u>		<u>NY 13613</u>	
(Street or PO Box)	(City)	(State)	(Zip Code)

II - To be completed by Training Sponsor

Provider's Name Cardno ATC		Telephone Number	
Address 73 William Franks Drive West Springfield, MA 01089 (413) 781-0070		Course Cardno ATC Location: 10 Colvin Ave., Ste. 101 Albany, NY 12206 P. 518.438.0451	
Zip Code			

Course Title: Inspector Initial Refresher NYS DOH use only
 DOH Equivalency?

Training Language: English Other: _____ Exam Grade/Date: 100% 3.7.13

Dates of Training: From: 03/07/13 To: --- Expires: 03/07/14

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

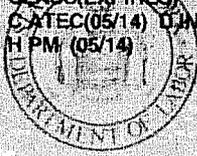
Training Director: David Johnson [Signature]
 (Print) (Signature)

DOH-2832 (10/03) Optional Information *DOH Equivalency signed by NYS DOH representative only **STUDENT**

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



ROBERT D. FAULKHAM
CLASS EXPIRES
CATEC (05/14) UINSP (05/14)
H PM (05/14)



CERT# 06-06127
DMV# 466160662

MUST BE CARRIED ON ASBESTOS PROJECTS

Asbestos Certificate Code Classifications

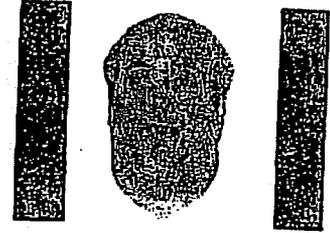
The following letter codes shown on the enclosed asbestos certificates represent the corresponding asbestos classifications:

- | | |
|------------------------------------|--------------------------------------|
| A - Asbestos Handler | F - Operations & Maintenance |
| B - Allied Trades | G - Asbestos Supervisor |
| C - Air Sampling Technician | H - Asbestos Project Monitor |
| D - Building Inspector | I - Asbestos Project Designer |
| E - Management Planner | |

New York
RISK ASSESSOR



Certification No NY-R-72974-1	
Date of Birth 06/23/1981	Expiration Date 01/11/2016
Address 231 Wiley Blvd., PO Box 423 Cape Vincent, NY 13618	
Badge Holder's Name Robert Daniel Faulkham	
Badge Holder's Signature <i>R. Daniel Faulkham</i>	



Certified Lead-Based
Paint Professional

If found, drop in any mailbox
Postmaster: Please return to:
US EPA
1200 Pennsylvania Ave, NW
(MC-74040T)
Washington, DC 20460
or call 1-800-424-LEAD

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. RAVI KRISHNAPPA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10018

NY Lab Id No: 11460

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material	EPA 600/M4/82/020 Item 198.1 of Manual
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual

Serial No. 48678

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 462-5570 to verify the laboratory's accreditation status.



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

AmeriSci New York
DBA: AmeriSci New York
117 E. 30th Street
New York, NY 10016
Mr. Paul Mucha
Phone: 212-679-8600 Fax: 212-679-2711
E-Mail: pmucha@amerisci.com
URL: <http://www.amerisci.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200546-0

NVLAP Code Designation / Description

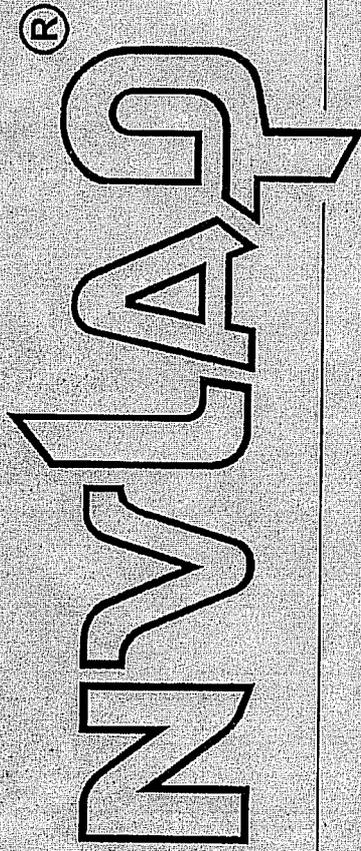
- | | |
|--------|--|
| 18/A01 | EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples |
| 18/A03 | EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials |

2013-07-01 through 2014-06-30

Effective dates

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200546-0

AmeriSci New York
New York, NY

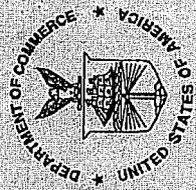
*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2013-07-01 through 2014-06-30

Effective dates



A handwritten signature in black ink, appearing to read "William R. Mudd".

For the National Institute of Standards and Technology

APPENDIX B
SITE LOCATION MAP

Map Traffic



APPENDIX C
SAMPLE LOCATION PLANS

APPENDIX D

LABORATORY REPORTS AND CUSTODY DOCUMENTATION



AmeriSci New York

117 EAST 30TH ST.
NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Atlantic Testing Laboratories, Limited
Attn: Dan Faulknham
P.O. Box 29

Canton, NY 13617

Date Received 11/27/13
Date Examined 12/03/13
ELAP # 11480
RE: PL5413; State Armory; Saranac Lake, NY

AmeriSci Job # 213114210
P.O. # COC#:11907,11996-98
Page 1 of 8

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413AI01A 01	213114210-01 Location: Vestibule - White Gypsum Board Ceiling	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI01B 01	213114210-02 Location: 1st Floor Corridor - White Gypsum Board Ceiling	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI02A 02	213114210-03 Location: Vestibule - Assoc. White Joint Compound	Yes	1.8 % (EPA 400 PC) by Enisa Lalic on 12/03/13
PL5413AI02B 02	213114210-04 Location: 1st Floor Corridor - Assoc. White Joint Compound		N/PS
PL5413AI03A 03	213114210-05 Location: Room 5 - 9"x9" Brown W/ Red+White Floor Tile	Yes	9.3 % (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13

See Reporting notes on last page

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413A 03B 03 Location: 2nd Floor Corridor - 9"x9" Brown W/ Red+White Floor Tile Analyst Description: Bulk Material Asbestos Types: Other Material:	213114210-06		NA/PS
PL5413A 04A 04 Location: Room 5 - Black Mastic Assoc W/ No.3 Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.3 % Other Material: Non-fibrous 9.3 %	213114210-07	Yes	2.3 % (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413A 04B 04 Location: 2nd Floor Corridor - Black Mastic Assoc W/ No.3 Analyst Description: Bulk Material Asbestos Types: Other Material:	213114210-08		NA/PS
PL5413A 05A 05 Location: Stair B - 9"x9" Dark Brown W/ Red+White Floor Tile Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 7.2 % Other Material: Non-fibrous 16.2 %	213114210-09	Yes	7.2 % (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413A 05B 05 Location: Stair A - 9"x9" Dark Brown W/ Red+White Floor Tile Analyst Description: Bulk Material Asbestos Types: Other Material:	213114210-10		NA/PS
PL5413A PL5413A 06A 06 Location: Stair B - Black Mastic Assoc W/ No.5 Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 11.3 %	213114210-11	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413AI06B 06 Location: Stair A - Black Mastic Assoc W/ No.5 Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 5.4 %	213114210-12	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413AI07A 07 Location: Vestibule - 9"x9" Light Brown W/ White Floor Tile Analyst Description: Brown/White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 4.4 % Other Material: Non-fibrous 9.9 %	213114210-13	Yes	4.4 % (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413AI07B 07 Location: Kitchen - 9"x9" Light Brown W/ White Floor Tile Analyst Description: Bulk Material Asbestos Types: Other Material:	213114210-14		NA/PS
PL5413AI08A 08 Location: Vestibule - Black Mastic Assoc W/ No.7 Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 2.8 % Other Material: Non-fibrous 13.4 %	213114210-15	Yes	2.8 % (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413AI08B 08 Location: Kitchen - Black Mastic Assoc W/ No.7 Analyst Description: Bulk Material Asbestos Types: Other Material:	213114210-16		NA/PS
PL5413AI09A 09 Location: Room 5 - 6" Black Cove Base Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 34.6 %	213114210-17	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413A109B 09 Location: Stair B - 6" Black Cove Base Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 0.4 %	213114210-18	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413A110A 10 Location: Room 5 - Brown Adhesive Assoc. W/ No.9 Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 38.6 %	213114210-19	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413A110B 10 Location: Stair B - Brown Adhesive Assoc. W/ No.9 Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 17.7 %	213114210-20	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
PL5413A111A 11 Location: Kitchen - White Skim Coat Ceiling Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-21	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413A111B 11 Location: Stair B - White Skim Coat Ceiling Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-22	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413A111C 11 Location: Officers Room - White Skim Coat Ceiling Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-23	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413AI11D 11 Location: Stair A - White Skim Coat Ceiling Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-24	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI11E 11 Location: Ladles Room - White Skim Coat Ceiling Plaster Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-25	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI12A 12 Location: Kitchen - Gray Base Coat Ceiling Plaster Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-26	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI12B 12 Location: Kitchen - Gray Base Coat Ceiling Plaster Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-27	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI12C 12 Location: Officers Room - Gray Base Coat Ceiling Plaster Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-28	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
PL5413AI12D 12 Location: Stair A - Gray Base Coat Ceiling Plaster Analyst Description: Gray, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	213114210-29	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13

See Reporting notes on last page

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413A12E 12	213114210-30 Location: Ladies Room - Gray Base Coat Ceiling Plaster	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
PL5413A113A 13	213114210-31 Location: Locker Room - White Gypsum Deck	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
PL5413A113B 13	213114210-32 Location: Locker Room - White Gypsum Deck	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
PL5413A114A 14	213114210-33 Location: Room 4 - 1'x1' White Pinhole Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 14 %			
PL5413A114B 14	213114210-34 Location: Room 5 - 1'x1' White Pinhole Ceiling Tile	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
Analyst Description: Light Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 10.5 %			
PL5413A115A 15	213114210-35 Location: Kitchen - Gray Glazed Tile Mortar	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

PLM Bulk Asbestos Report

PL5413; State Armory, Saranac Lake, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PL5413AI15B 15	213114210-36 Location: Kitchen - Gray Glazed Tile Mortar	No	NAD (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
PL5413AI16A 16	213114210-37 Location: Kitchen - Gray TSI Mudded Fitting	Yes	14.3 % (by NYS ELAP 198.1) by Enisa Lalic on 12/03/13
Analyst Description: Tan, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 14.3 % Other Material: Fibrous glass 50 %, Non-fibrous 35.7 %			
PL5413AI16B 16	213114210-38 Location: Kitchen - Gray TSI Mudded Fitting		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
PL5413AI16C 16	213114210-39 Location: Kitchen - Gray TSI Mudded Fitting		NA/PS
Analyst Description: Bulk Material Asbestos Types: Other Material:			
PL5413AI17A 17	213114210-40 Location: Vestibule - Yellow TSI Pipe Jacket	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
Analyst Description: Silver/Black/Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3.8 %			
PL5413AI17B 17	213114210-41 Location: 1st Floor Corridor - Yellow TSI Pipe Jacket	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
Analyst Description: Silver/Black/Yellow, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 2.9 %			

AmeriSci Job #: 213114210

Client Name: Atlantic Testing Laboratories, Limited

PLM Bulk Asbestos Report

PL5413; State Armory; Saranac Lake, NY

Int No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
413A117C	213114210-42	No	NAD (by NYS ELAP 198.6) by Enisa Lalic on 12/03/13
Location: 1st Floor Corridor - Yellow TSI Pipe Jacket			
Analyst Description: Silver/Black/Yellow, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 2 %			

Testing Notes:

by: Enisa Lalic 

D =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see 59 FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA Lab # 102843, RI 094, CT Cert#PH-0186, Mass Cert#AA000054.

By: _____ END OF REPORT _____

Table I
Summary of Bulk Asbestos Analysis Results
 PL5413; State Armory, Saranac Lake, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	PL5413A101A	01					NAD	NA
	Location: Vestibule - White Gypsum Board Ceiling							
02	PL5413A101B	01					NAD	NA
	Location: 1st Floor Corridor - White Gypsum Board Ceiling							
03	PL5413A102A	02					NAD	NA
	Location: Vestibule - Assoc. White Joint Compound							
04	PL5413A102B	02					Chrysotile 1.8	NA
	Location: 1st Floor Corridor - Assoc. White Joint Compound							
05	PL5413A103A	03	0.311	26.7	38.3	25.7	NA/PS	NA
	Location: Room 5 - 9"x9" Brown W/ Red+White Floor Tile							
06	PL5413A103B	03	0.270	25.9	44.8	29.3	Chrysotile 9.3	NA
	Location: 2nd Floor Corridor - 9"x9" Brown W/ Red+White Floor Tile							
07	PL5413A104A	04	0.095	78.9	9.5	9.3	NA/PS	NA
	Location: Room 5 - Black Mastic Assoc W/ No.3							
08	PL5413A104B	04	0.120	82.5	5.8	11.7	Chrysotile 2.3	NA
	Location: 2nd Floor Corridor - Black Mastic Assoc W/ No.3							
09	PL5413A105A	05	0.252	21.8	54.8	16.2	NA/PS	NA
	Location: Stair B - 9"x9" Dark Brown W/ Red+White Floor Tile							
10	PL5413A105B	05	0.204	20.6	54.4	25.0	Chrysotile 7.2	NA
	Location: Stair A - 9"x9" Dark Brown W/ Red+White Floor Tile							
11	PL5413A106A	06	0.106	78.3	10.4	11.2	NA/PS	NA
	Location: Stair B - Black Mastic Assoc W/ No.5							
12	PL5413A106B	06	0.168	88.1	6.5	5.4	NAD	Chrysotile Trace
	Location: Stair A - Black Mastic Assoc W/ No.5							
13	PL5413A107A	07	0.237	21.9	63.7	9.9	NAD	NAD
	Location: Vestibule - 8"x9" Light Brown W/ White Floor Tile							
14	PL5413A107B	07	0.191	21.5	63.9	14.7	Chrysotile 4.4	NA
	Location: Kitchen - 9"x9" Light Brown W/ White Floor Tile							
15	PL5413A108A	08	0.117	71.8	12.0	13.4	NA/PS	NA
	Location: Vestibule - Black Mastic Assoc W/ No.7							
16	PL5413A108B	08	0.114	84.2	9.6	6.1	Chrysotile 2.8	NA
	Location: Kitchen - Black Mastic Assoc W/ No.7							

See Reporting notes on last page

Table 1
Summary of Bulk Asbestos Analysis Results
 PL5413; State Armory; Saranac Lake, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	PL5413A109A	09	0.188	51.6	13.8	34.6	NAD	NAD
Location: Room 5 - 6" Black Cove Base								
18	PL5413A109B	09	0.229	40.2	59.4	0.4	NAD	NAD
Location: Stair B - 6" Black Cove Base								
19	PL5413A110A	10	0.171	40.9	20.5	38.6	NAD	NAD
Location: Room 5 - Brown Adhesive Assoc. W/ No.9								
20	PL5413A110B	10	0.299	27.8	54.5	17.7	NAD	NAD
Location: Stair B - Brown Adhesive Assoc. W/ No.9								
21	PL5413A111A	11	---	---	---	---	NAD	NAD
Location: Kitchen - White Skim Coat Ceiling Plaster								
22	PL5413A111B	11	---	---	---	---	NAD	NA
Location: Stair B - White Skim Coat Ceiling Plaster								
23	PL5413A111C	11	---	---	---	---	NAD	NA
Location: Officers Room - White Skim Coat Ceiling Plaster								
24	PL5413A111D	11	---	---	---	---	NAD	NA
Location: Stair A - White Skim Coat Ceiling Plaster								
25	PL5413A111E	11	---	---	---	---	NAD	NA
Location: Ladies Room - White Skim Coat Ceiling Plaster								
26	PL5413A112A	12	---	---	---	---	NAD	NA
Location: Kitchen - Gray Base Coat Ceiling Plaster								
27	PL5413A112B	12	---	---	---	---	NAD	NA
Location: Kitchen - Gray Base Coat Ceiling Plaster								
28	PL5413A112C	12	---	---	---	---	NAD	NA
Location: Officers Room - Gray Base Coat Ceiling Plaster								
29	PL5413A112D	12	---	---	---	---	NAD	NA
Location: Stair A - Gray Base Coat Ceiling Plaster								
30	PL5413A112E	12	---	---	---	---	NAD	NA
Location: Ladies Room - Gray Base Coat Ceiling Plaster								
31	PL5413A113A	13	---	---	---	---	NAD	NA
Location: Locker Room - White Gypsum Deck								
32	PL5413A113B	13	---	---	---	---	NAD	NA
Location: Locker Room - White Gypsum Deck								

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
 PL5413; State Armory, Saranac Lake, NY

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
33	PL5413AI14A	14	0.299	11.7	74.2	14.0	NAD	NAD
	Location: Room 4 - 1'x1' White Pinhole Ceiling Tile							
34	PL5413AI14B	14	0.324	11.7	77.8	10.5	NAD	NAD
	Location: Room 5 - 1'x1' White Pinhole Ceiling Tile							
35	PL5413AI15A	15					NAD	NA
	Location: Kitchen - Gray Glazed Tile Mortar							
36	PL5413AI15B	15					NAD	NA
	Location: Kitchen - Gray Glazed Tile Mortar							
37	PL5413AI16A	16					NAD	NA
	Location: Kitchen - Gray TSI Mudded Fitting							
38	PL5413AI16B	16					Chrysotile 14.3	NA
	Location: Kitchen - Gray TSI Mudded Fitting							
39	PL5413AI16C	16					NAPPS	NA
	Location: Kitchen - Gray TSI Mudded Fitting							
40	PL5413AI17A	17	0.053	86.8	9.4	3.8	NAPPS	NA
	Location: Vestibule - Yellow TSI Pipe Jacket							
41	PL5413AI17B	17	0.069	87.0	10.1	2.9	NAD	NAD
	Location: 1st Floor Corridor - Yellow TSI Pipe Jacket							
42	PL5413AI17C	17	0.051	88.2	9.8	2.0	NAD	NAD
	Location: 1st Floor Corridor - Yellow TSI Pipe Jacket							

Analyzed by: Malik Peysakhov; Date Analyzed 12/3/2013
 **Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-83/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP Lab ID#11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

ATLANTIC TESTING LABORATORIES

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

213114210

11907

Albany
22 Commerce Drive
Clifton Park, NY 12065
518/283-9144 (T)
518/283-9166 (F)

Binghamton
126 Park Avenue
Binghamton, NY 13903
607/773-1812 (T)
607/773-1855 (F)

Canton
6431 C.S. Highway 11
Canton, NY 13617
315/386-4578 (T)
315/386-1013 (F)

Elmira
2530 Route 352
Elmira, NY 14903
607/731-0760 (T)
607/731-0714 (F)

Plattsburgh
130 Atwood Ave
Plattsburgh, NY 12903
518/562-5878 (T)
518/562-1321 (F)

Poughkeepsie
251 Upper North Road
Highland, NY 12528
845/691-6098 (T)
845/691-6099 (F)

Rochester
3445 Winton Place
Rochester, NY 14623
585/427-9020 (T)
585/427-9021 (F)

Syracuse
6095 Court Street, Randall
Syracuse, NY 13206
315/699-5281 (T)
315/699-3374 (F)

Utica
301 S. Anthony Street
Utica, NY 13501
315/735-3309 (T)
315/735-0742 (F)

Watertown
26387 NYS Route 283
Watertown, NY 13601
315/726-1887 (T)
315/726-2022 (F)

PL5413

State Armory

11/25/13
Page 1 of 1

Art Cross

Saranac Lake, NY

Plattsburgh office
REAMILKUNHAM@att.net
att.net

Field Sample No.	Sample Location	Sample Description	Analysis Requested				Laboratory Sample ID No.
			PLM-NOB	TEM-NOB	TEM-ONLY	MICRO-VAC	
PL5413A101A	Vestibule	White gypsum Board Ceiling	X				
PL5413A101B	1st Floor Corridor	White gypsum Board Ceiling	X				
PL5413A102A	Vestibule	Assoc. white joint compound	X				
PL5413A102B	1st Floor Corridor	Assoc. white joint compound	X				
PL5413A103A	Room 25	9x9" Brown w/ Red White Floor Tile	X				
PL5413A103B	2nd Floor Corridor	9x9" Brown w/ Red White Floor Tile	X				
PL5413A104A	Room 5	Black Mosaic Assoc w/ No. 3	X				
PL5413A104B	2nd Floor Corridor	Black Mosaic Assoc w/ No. 3	X				
PL5413A105A	Stair B	9x9" Red Brown w/ Red White Floor Tile	X				
PL5413A105B	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A106A	Stair B	9x9" Dark Brown w/ Red White Floor Tile	X				
PL5413A106B	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A107A	Vestibule	Black Mosaic Assoc w/ No. 5	X				
PL5413A107B	Vestibule	Black Mosaic Assoc w/ No. 5	X				
PL5413A108A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A108B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A109A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A109B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A110A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A110B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A111A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A111B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A112A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A112B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A113A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A113B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A114A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A114B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A115A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A115B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A116A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A116B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A117A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A117B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A118A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A118B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A119A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A119B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A120A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A120B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A121A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A121B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A122A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A122B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A123A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A123B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A124A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A124B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A125A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A125B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A126A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A126B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A127A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A127B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A128A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A128B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A129A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A129B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A130A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A130B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A131A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A131B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A132A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A132B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A133A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A133B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A134A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A134B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A135A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A135B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A136A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A136B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A137A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A137B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A138A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A138B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A139A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A139B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A140A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A140B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A141A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A141B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A142A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A142B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A143A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A143B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A144A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A144B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A145A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A145B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A146A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A146B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A147A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A147B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A148A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A148B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A149A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A149B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A150A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A150B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A151A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A151B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A152A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A152B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A153A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A153B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A154A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A154B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A155A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A155B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A156A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A156B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A157A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A157B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A158A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A158B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A159A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A159B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A160A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A160B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A161A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A161B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A162A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A162B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A163A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A163B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A164A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A164B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A165A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A165B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A166A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A166B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A167A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A167B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A168A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A168B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A169A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A169B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A170A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A170B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A171A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A171B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A172A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A172B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A173A	Stair A	Black Mosaic Assoc w/ No. 5	X				
PL5413A173B	Stair B	Black Mosaic Assoc w/ No. 5	X				
PL5413A174A							

ATLANTIC TESTING LABORATORIES

ASBESTOS BULK SAMPLE CHAIN-OF-CUSTODY RECORD

213114210
10097

Albany
22 Corporate Drive
Clifton Park, NY 12065
518/881-9144 (T)
518/883-9166 (F)

Binghamton
126 Park Avenue
Binghamton, NY 13903
607/773-1812 (T)
607/773-1834 (F)

Carlton
6431 U.S. Highway 11
Carlton, NY 13617
315/286-4378 (T)
315/286-1012 (F)

Elmira
2310 Route 332
Elmira, NY 14903
607/737-0700 (T)
607/737-0714 (F)

Plattsburgh
130 Arizona Ave
Plattsburgh, NY 12903
518/561-5878 (T)
518/562-1211 (F)

Poughkeepsie
251 Upper North Road
Highland, NY 12528
845/691-6098 (T)
845/691-6099 (F)

Rochester
3445 Winton Place
Rochester, NY 14623
585/427-9020 (T)
585/427-9021 (F)

Syracuse
6085 Court Street Road
Syracuse, NY 13206
315/699-5281 (T)
315/699-3174 (F)

Utica
301 St. Anthony Street
Utica, NY 13501
315/735-3309 (T)
315/735-0742 (F)

Watertown
26581 NYS Route 283
Watertown, NY 13601
315/786-7887 (T)
315/786-2022 (F)

Field Sample No.	Sample Location	Sample Description	Analysis Requested				Laboratory Sample ID No.
			PLM	PLM-NOB	TEM-NOB	TEM-ONLY	
PL5413	State Army						
PL5413A12B	Stair 0	Gray Base Coat ceiling plaster	X				
PL5413A12C	Officers Room	Gray Base Coat ceiling plaster	X				
PL5413A12D	Stair A	Gray Base Coat ceiling plaster	X				
PL5413A12E	Ladies Room	Gray Base Coat ceiling plaster	X				
PL5413A13A	Locker Room	White Gypsum Dry L	X				
PL5413A13B	Locker Room	White Gypsum Dry L	X				
PL5413A13C	Locker Room	White Gypsum Dry L	X				
PL5413A13D	Room 4	1x1 white pinhole ceiling tile	X				
PL5413A13E	Room 5	1x1 white pinhole ceiling tile	X				
PL5413A13F	Kitchen	Gray Glazed Tile Mural	X				
PL5413A13G	Kitchen	Gray Glazed Tile Mural	X				
PL5413A13H	Washroom	Gray T&B Mudded Floor	X				
PL5413A13I	Washroom	Gray T&B Mudded Floor	X				
PL5413A13J	Washroom	Gray T&B Mudded Floor	X				
PL5413A13K	Washroom	Gray T&B Mudded Floor	X				
PL5413A13L	Washroom	Gray T&B Mudded Floor	X				
PL5413A13M	Washroom	Gray T&B Mudded Floor	X				
PL5413A13N	Washroom	Gray T&B Mudded Floor	X				
PL5413A13O	Washroom	Gray T&B Mudded Floor	X				
PL5413A13P	Washroom	Gray T&B Mudded Floor	X				
PL5413A13Q	Washroom	Gray T&B Mudded Floor	X				
PL5413A13R	Washroom	Gray T&B Mudded Floor	X				
PL5413A13S	Washroom	Gray T&B Mudded Floor	X				
PL5413A13T	Washroom	Gray T&B Mudded Floor	X				
PL5413A13U	Washroom	Gray T&B Mudded Floor	X				
PL5413A13V	Washroom	Gray T&B Mudded Floor	X				
PL5413A13W	Washroom	Gray T&B Mudded Floor	X				
PL5413A13X	Washroom	Gray T&B Mudded Floor	X				
PL5413A13Y	Washroom	Gray T&B Mudded Floor	X				
PL5413A13Z	Washroom	Gray T&B Mudded Floor	X				

12hr 24hr 48hr 72hr

5day

Positive Snap Analysis
 Not negative by PLM-NOB, analyze by TEM-NOB
 Other

YES NO

PLM-NOB TEM-NOB TEM-ONLY MICRO-VAC

PLM-NOB TEM-ONLY MICRO-VAC

Distributor: White with Samples
Yellow to Laboratory
Pink to ATL Files

Think Quality

ENV-001A
Record Forms \ Environmental Field Forms \ Asbestos Bulk Sample Chain-of-Custody Record rev 3: 07/09

APPENDIX E

SUMMARY OF XRF RESULTS AND CALIBRATION CHECKS

Table E-1

Summary of XRF Test Results - Lead Detected at Greater than or Equal to 1 mg/cm²

Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Result (mg/cm ²)
PL5413LX07	11/25/2013 13:20	Wall Tile	Ceramic	B	Fair	Beige	PL5413	Second	Locker Room	2.2
PL5413LX11	11/25/2013 13:24	Wall	Block	A	Fair	White	PL5413	Second	Corridor	1.9
PL5413LX12	11/25/2013 13:24	Wall	Block	C	Fair	White	PL5413	Second	Corridor	1.6
PL5413LX17	11/25/2013 13:30	Wall	Block	A	Fair	Green	PL5413	Second	Stairwell B	2.1
PL5413LX21	11/25/2013 13:34	Wall Tile	Ceramic	C	Fair	Beige	PL5413	First	Kitchen	3.1
PL5413LX25	11/25/2013 13:37	Wall	Block	C	Fair	Green	PL5413	First	Corridor	1.9
PL5413LX32	11/25/2013 13:42	Wall	Block	A	Fair	White	PL5413	First	Corridor	1.7

Table E-11

Summary of XRF Test Results - Lead Detected at Less than 1 mg/cm²

Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Result (mg/cm ²)
PL5413X04	11/25/2013 13:17	Wall	Block	A	Fair	Green	PL5413	Second	Locker Room	0.16
PL5413X23	11/25/2013 13:35	Ceiling Trim	Wood	C	Fair	White	PL5413	First	Corridor	0.22
PL5413X34	11/25/2013 13:43	Wall	Block	A	Fair	Yellow	PL5413	First	State Office	0.15

Table E-III
Summary of XRF Test Results - No Lead Detected

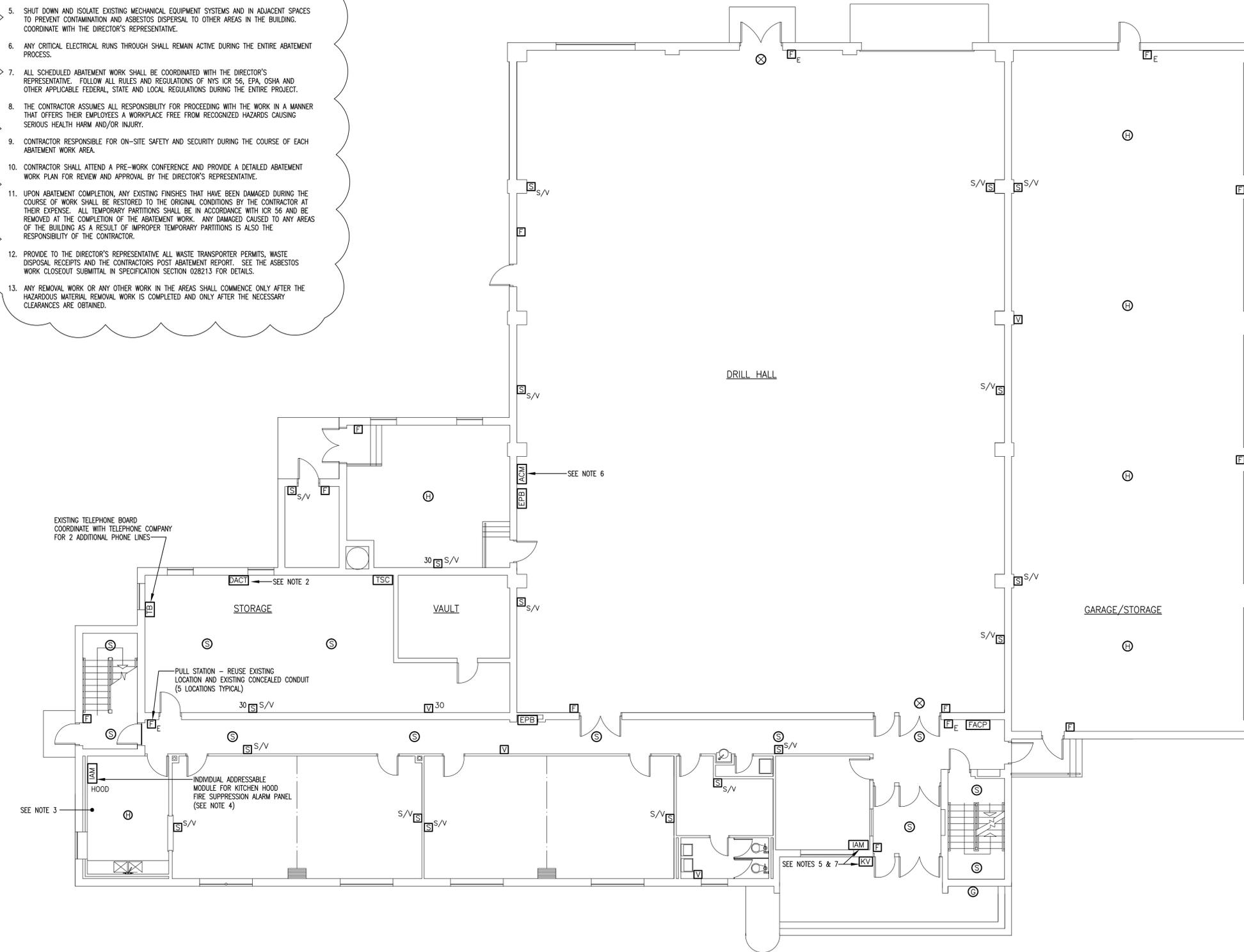
Reading No	Time	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Result (mg/cm ²)
PE5413.X05	11/25/2013 13:18	Ceiling	Gypsum	A	Fair	Gray	PE5413	Second	Locker Room	< LOD
PE5413.X06	11/25/2013 13:18	Joists	Metal	A	Fair	Gray	PE5413	Second	Locker Room	< LOD
PE5413.X08	11/25/2013 13:21	Wall	Block	B	Fair	Beige	PE5413	Second	Shower	< LOD
PE5413.X09	11/25/2013 13:21	Wall	Block	B	Fair	Beige	PE5413	Second	Shower	< LOD
PE5413.X10	11/25/2013 13:23	Wall	Block	A	Fair	Green	PE5413	Second	Corridor	< LOD
PE5413.X13	11/25/2013 13:25	Wall	Block	C	Fair	Green	PE5413	Second	Corridor	< LOD
PE5413.X14	11/25/2013 13:27	Wall	Block	C	Fair	Blue	PE5413	Second	Officers	< LOD
PE5413.X15	11/25/2013 13:28	Ceiling	Gypsum	C	Fair	White	PE5413	Second	Officers	< LOD
PE5413.X16	11/25/2013 13:30	Ceiling	Plaster	C	Fair	White	PE5413	Second	Stairwell B	< LOD
PE5413.X18	11/25/2013 13:31	Wall	Block	A	Fair	Yellow	PE5413	Second	Stairwell B	< LOD
PE5413.X19	11/25/2013 13:33	Wall	Block	C	Fair	Green	PE5413	First	Kitchen	< LOD
PE5413.X20	11/25/2013 13:33	Ceiling	Plaster	C	Fair	White	PE5413	First	Kitchen	< LOD
PE5413.X22	11/25/2013 13:34	Ceiling	Gypsum	C	Fair	White	PE5413	First	Corridor	< LOD
PE5413.X24	11/25/2013 13:36	Wall	Block	C	Fair	Beige	PE5413	First	Corridor	< LOD
PE5413.X26	11/25/2013 13:37	Wall	Block	C	Fair	Green	PE5413	First	Room No. 5	< LOD
PE5413.X27	11/25/2013 13:38	Wall	Block	C	Fair	Beige	PE5413	First	Room No. 5	< LOD
PE5413.X28	11/25/2013 13:39	Wall	Block	A	Fair	Beige	PE5413	First	Room No. 4	< LOD
PE5413.X29	11/25/2013 13:40	Wall	Block	A	Fair	Blue	PE5413	First	Room No. 4	< LOD
PE5413.X30	11/25/2013 13:41	Wall	Block	A	Fair	Beige	PE5413	First	Women's Bathroom	< LOD
PE5413.X31	11/25/2013 13:41	Wall	Block	A	Fair	Off-White	PE5413	First	Women's Bathroom	< LOD
PE5413.X33	11/25/2013 13:43	Wall	Block	A	Fair	Beige	PE5413	First	State Office	< LOD
PE5413.X35	11/25/2013 13:44	Wall	Block	B	Fair	White	PE5413	First	Vestibule	< LOD
PE5413.X36	11/25/2013 13:44	Wall Tile	Block	B	Fair	Beige	PE5413	First	Vestibule	< LOD
PE5413.X37	11/25/2013 13:45	Wall	Block	A	Fair	Blue	PE5413	First	Vestibule	< LOD
PE5413.X38	11/25/2013 13:45	Wall	Block	A	Fair	White	PE5413	First	Vestibule	< LOD
PE5413.X39	11/25/2013 13:46	Wall	Block	A	Fair	Gray	PE5413	First	Garage	< LOD
PE5413.X40	11/25/2013 13:47	Wall	Block	A	Fair	Gray	PE5413	First	Boiler Room	< LOD
PE5413.X41	11/25/2013 13:48	Ceiling	Concrete	A	Fair	Gray	PE5413	First	Boiler Room	< LOD

**Table E-IV
Summary of XRF Calibration Results**

Reading No	Time	Component	Substrate	Side	Condition	Color	Inspector	Site	Floor	Room	Result (mg/cm ²)
PL5413-X01	11/25/2013 13:10			Calibrate				PL5413			1.0
PL5413-X02	11/25/2013 13:13			Calibrate				PL5413			1.0
PL5413-X03	11/25/2013 13:14			Calibrate				PL5413			1.0
PL5413-X42	11/25/2013 13:50			Calibrate				PL5413			1.0
PL5413-X43	11/25/2013 13:50			Calibrate				PL5413			1.0
PL5413-X44	11/25/2013 13:51			Calibrate				PL5413			1.0

**GENERAL HAZARDOUS MATERIALS
REMOVAL NOTES (ALL DWG SHEETS)**

- THIS PROJECT INVOLVES THE REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL (ACM) FROM STATE LAKE ARMY IN SARANAC LAKE, NY
- SEE SPECIFICATION SECTION 003126 AND APPENDIX FOR TEST RESULTS. SEE SPECIFICATION SECTION 028213 FOR ASBESTOS ABATEMENT.
- THE DRAWING DOES NOT SHOW MOVABLE OBJECTS WITHIN THE WORK ZONES. THE CONTRACTOR IS ALONE RESPONSIBLE FOR DETERMINING THE ACTUAL QUANTITIES OF HAZARDOUS MATERIALS AND COORDINATING THE RELOCATION OF ANY ITEMS WITH THE DIRECTOR'S REPRESENTATIVE.
- THIS FACILITY WILL BE OCCUPIED DURING CONSTRUCTION WORK.
- SHUT DOWN AND ISOLATE EXISTING MECHANICAL EQUIPMENT SYSTEMS AND IN ADJACENT SPACES TO PREVENT CONTAMINATION AND ASBESTOS DISPERSAL TO OTHER AREAS IN THE BUILDING. COORDINATE WITH THE DIRECTOR'S REPRESENTATIVE.
- ANY CRITICAL ELECTRICAL RUNS THROUGH SHALL REMAIN ACTIVE DURING THE ENTIRE ABATEMENT PROCESS.
- ALL SCHEDULED ABATEMENT WORK SHALL BE COORDINATED WITH THE DIRECTOR'S REPRESENTATIVE. FOLLOW ALL RULES AND REGULATIONS OF NYS ICR 56, EPA, OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS DURING THE ENTIRE PROJECT.
- THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR PROCEEDING WITH THE WORK IN A MANNER THAT OFFERS THEIR EMPLOYEES A WORKPLACE FREE FROM RECOGNIZED HAZARDS CAUSING SERIOUS HEALTH HARM AND/OR INJURY.
- CONTRACTOR RESPONSIBLE FOR ON-SITE SAFETY AND SECURITY DURING THE COURSE OF EACH ABATEMENT WORK AREA.
- CONTRACTOR SHALL ATTEND A PRE-WORK CONFERENCE AND PROVIDE A DETAILED ABATEMENT WORK PLAN FOR REVIEW AND APPROVAL BY THE DIRECTOR'S REPRESENTATIVE.
- UPON ABATEMENT COMPLETION, ANY EXISTING FINISHES THAT HAVE BEEN DAMAGED DURING THE COURSE OF WORK SHALL BE RESTORED TO THE ORIGINAL CONDITIONS BY THE CONTRACTOR AT THEIR EXPENSE. ALL TEMPORARY PARTITIONS SHALL BE IN ACCORDANCE WITH ICR 56 AND BE REMOVED AT THE COMPLETION OF THE ABATEMENT WORK. ANY DAMAGED CAUSED TO ANY AREAS OF THE BUILDING AS A RESULT OF IMPROPER TEMPORARY PARTITIONS IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE TO THE DIRECTOR'S REPRESENTATIVE ALL WASTE TRANSPORTER PERMITS, WASTE DISPOSAL RECEIPTS AND THE CONTRACTORS POST ABATEMENT REPORT. SEE THE ASBESTOS WORK CLOSEOUT SUBMITTAL IN SPECIFICATION SECTION 028213 FOR DETAILS.
- ANY REMOVAL WORK OR ANY OTHER WORK IN THE AREAS SHALL COMMENCE ONLY AFTER THE HAZARDOUS MATERIAL REMOVAL WORK IS COMPLETED AND ONLY AFTER THE NECESSARY CLEARANCES ARE OBTAINED.



FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

SYMBOLS AND ABBREVIATIONS

- BR BEAM RECEIVER
- BT BEAM TRANSMITTER
- S SMOKE SENSOR
- F MANUAL PULLSTATION
- S/V S/30 AUDIBLE/VISUAL FIRE ALARM NOTIFICATION APPLIANCE TYPE AV WITH CONE SPEAKER AND 15/75 CANDELA STROBE UNLESS OTHERWISE INDICATED. (30 = 30/75 CANDELA STROBE AND CONE SPEAKER)
- V/30 VISUAL FIRE ALARM NOTIFICATION APPLIANCE TYPE V WITH 15/75 CANDELA STROBE UNLESS OTHERWISE INDICATED. (30 = 30/75 CANDELA STROBE AND CONE SPEAKER)
- H HEAT SENSOR
- H AUDIBLE FIRE ALARM NOTIFICATION APPLIANCE TYPE H WITH HORN TYPE SPEAKER SUITABLE FOR WET (OUTDOOR) LOCATION.
- TSC TERMINAL STRIP CABINET
- DACT DIGITAL ALARM COMMUNICATOR TRANSMITTER
- EPB EXISTING PANELBOARD
- F EXISTING PULL STATION (SEE NOTE 1)
- FACP FIRE ALARM CONTROL PANEL
- IAM INDIVIDUAL ADDRESSABLE MONITOR MODULE
- ACM ADDRESSABLE CONTROL MODULE
- KV KEY VAULT (NOTE 7)

SPECIFIC NOTES:

- PROVIDE PULL STATION IN SAME LOCATION AS EXISTING PULL STATION. REUSE EXISTING BACK BOX AND CONDUIT SO AS NOT TO DAMAGE EXISTING WALL (SURFACE).
- CONTRACTOR SHALL COORDINATE WITH THE LOCAL TELEPHONE COMPANY FOR FINAL CONNECTION OF THE DACT TO THE TELEPHONE SERVICE.
- RELOCATE EXISTING WALL SWITCH BEHIND KITCHEN EQUIPMENT TO AN ACCESSIBLE LOCATION ADJACENT TO EXISTING EQUIPMENT. PROVIDE CONDUCTORS AND CONDUIT AS REQUIRED.
- PROVIDE IAM WITHIN 3' OF FIRE SUPPRESSION ALARM PANEL. CONNECT IAM TO ALARM OUTPUT CONTACT.
- PROVIDE INDIVIDUAL ADDRESSABLE MODULE TO MONITOR TAMPER PROOF ALARM ON HIGH SECURITY KEY VAULT "KNOX BOX".
- PROVIDE ADDRESSABLE CONTROL MODULE FOR EXHAUST FAN SHUTDOWN.
- CONTRACTOR SHALL COORDINATE WITH LOCAL FIRE DEPARTMENT TO DETERMINE KEY (LOCK STYLE) FOR HIGH SECURITY KEY VAULT "KNOX BOX".

GENERAL NOTES:

- INSTALL ALL CONDUCTORS IN RACEWAYS.
- IN FINISHED AREAS WHERE CONDUCTORS MUST BE INSTALLED IN EXPOSED RACEWAY INSTALL RACEWAY AS INCONSPICUOUS (NOT TO BE READILY SEEN) AS POSSIBLE. TIGHT TO MOLDS, COLUMNS, DOOR FRAMES AND WALL BREAKS. EXACT ROUTING OF ALL RACEWAYS SHALL BE APPROVED BY THE DIRECTOR'S REPRESENTATIVE PRIOR TO INSTALLATION. PAINT RACEWAYS TO MATCH ADJACENT SURFACE.



Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITTO
Commissioner

CONSULTANT

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



CONTRACT:

ELECTRICAL

TITLE: **PROVIDE FIRE ALARM AND DETECTION SYSTEM**

LOCATION: **STATE ARMYORY
STE ROAD ROUTE 3
SARANAC LAKE NY**

CLIENT: **MNA**

MARK	DATE	DESCRIPTION
△	01/08/2014	REVISED
	10/24/2013	BID DOCUMENT
	8/28/2013	100% SUBMISSION

PROJECT NUMBER:	Q1535 - E
DESIGNED BY:	P. DEMARZIO
DRAWN BY:	F.R. ONLEY
FIELD CHECK:	
APPROVED:	
SHEET TITLE: FIRST FLOOR PLAN	
DRAWING NUMBER: E-101	
SHEET 1 OF 2	