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October 6, 2008

Dean Vanderwarker
Related Retail
60 Columbus Circle
New York, New York 10004

Re: Asbestos Investigation
Kingsbridge Armory
29 West Kingsbridge Road
Bronx, New York
Langan Project No. 5815101

Dear Mr. Vanderwarker:

Langan Engineering and Environmental Services, P.C. (Langan) completed an asbestos investigation of the above referenced building. The purpose of this investigation was to confirm the presence/absence of asbestos containing materials (ACM) within the subject building. The asbestos investigation was performed on September 4, 5, and 8, 2008, by Langan's New York City Department of Environmental Protection Agency (NYCDEP) certified asbestos investigators, Messrs Miroslaw Baran and Sanjay Patel. Langan's certifications are provided in the Attachments.

Site and Building Description

The project site is at the center of a city block bordered by West 195th Street to the north, West Kingsbridge Road to the south, Jerome Avenue to the east, and Reservoir Avenue to the west (Figure 1). Most of the Site is occupied by the landmark Kingsbridge Armory building (Armory), which was constructed on an approximately 200,000-square-foot (sq-ft) footprint between 1912 and 1917 over the abandoned east basin of the Jerome Park Reservoir. The main drill hall at the center of the Armory measures approximately 300 by 600 feet (ft) and is spanned freely by an arched roof framing that rises 110 ft above the drill hall floor. Beneath the drill floor, two cellar levels formerly housed offices, a garage, a gymnasium, rifle and pistol ranges, and rooms for other military functions. The drill hall volume is flanked to the south by a two-story headhouse with a single cellar floor and four towers that contain offices and residential quarters. The eastern portion of the sub-cellar area underlies the Jerome Avenue sidewalk. The sub-cellar of the Armory building is accessible by a ramp that extends from West 195th Street. The Armory is currently owned and operated by the City of New York, and is used for

storage of City property. The heat and hot water to the building was supplied by oil-fired boilers located in the sub-basement.

Observations and Findings

Prior to conducting the field investigation, we reviewed the Environmental Survey Report dated August 24, 2000, prepared by ET Environmental Corporation (ET). The report documented the following building materials to be asbestos containing materials (ACM): Built-up roofing and flashing materials, Roof shingle, Various colors 9-inch square floor tiles, Air-cell and magnesia pipe and pipe joint insulation, Mud-pack pipe joint insulation associated with fiberglass pipe insulation, Window caulking and glazing putty, and Caulking associated with exterior joints, seams and cracks. The wall and ceiling plaster, boiler breeching and insulation, grey floor coating, various ceiling tiles and panels, wallboard and joint compound were documented to be non-ACM.

During Langan's investigation, suspect materials observed in the building were documented, assessed, quantified, and sampled, as necessary. In addition to the materials identified in ET report, Langan observed the following suspect materials which were not addressed: Baseboard Molding Glue, Pyroblock, Pressboard material, Wire wrap insulation, Electric ebony/Transite switch panel, Safety switch backing material, Vibration dumper cloth, Floor joint fill material, Wall panel glue, Mirror glue, Exterior and interior door caulking, Black and brown linoleum, 9-inch square beige floor tile and associated mastic, Black floor tile and associated mastic under plywood, 12-inch square beige floor tile and associated mastic, 12-inch square tan wood design floor tile and associated mastic, 12-inch square terracotta floor tile and associated mastic, 12-inch square dark brown floor tile and associated mastic, Mastic associated with various 9-ich square floor tiles, Pipe insulation debris mixed with plaster, wood and contaminated construction debris.

A total of sixty-six (66) bulk samples of the observed suspect materials were collected during our investigation. Samples were analyzed by AmeriSci laboratory of New York, New York. AmeriSci is accredited by the Environmental Laboratory Accreditation Program (ELAP) and National Voluntary Laboratory Accreditation Program (NVLAP). A copy of laboratory test results, chain-of–custody documentation, and Laboratory's accreditations is provided in the Attachments.

Findings

According to USEPA, a material with an asbestos content greater than one percent by weight is considered as an asbestos-containing material. Consequently, the following materials in the building were identified to be ACM:

- Pipe and Joint Insulation = 9,048 linear feet
- Wire wrap insulation = 26,500 linear feet

- Electric Transite switch panel= 45 square feet
- Floor joint fill material =1,800 square feet
- Wall panel glue = 1,600 square feet
- Mirror glue = 20 square feet
- Various types of floor tiles/mastic (9-inch square beige floor tile and associated mastic, Black floor tile and associated mastic under plywood, 12-inch square tan wood design floor tile and associated mastic, 12-inch square terracotta floor tile and associated mastic, and Mastic associated with various 9-inch square floor tiles) = 28,100 square feet
- Exterior and interior door caulking = 208 Masonry openings
- Original built-up roofing and flashing materials = 50 square feet
- Pipe insulation debris mixed with plaster, wood and other construction debris = 58,700 square feet plus additional 40 cubic yards

The baseboard molding glue, Pyroblock, pressboard material, safety switch backing material, vibration dumper cloth, black and brown linoleum, 12-inch square beige floor tile and associated mastic, 12-inch square dark brown floor tile and associated mastic were identified to be non-ACM. A summary of the asbestos survey findings is provided in attached Table 1.

The ET report documented the built-up roofing material. Apparently, the building was observed to have fairly new built-up roofing. Based on our field observations and review of the Building Department records, it appears that as part of 2002 exterior restoration project, the built-up roofing materials and several windows in the building were replaced. Any roof cuts would void existing warranty, and therefore, the roofs were not sampled during our investigation.

Conclusions and Recommendations

Asbestos-containing materials were identified in friable and non-friable forms in the subject building. All confirmed and presumed ACM in the building that is to be left in place should be managed in good condition under an Operations and Management (O & M) plan. The purpose and objective of the O & M Plan is to maintain the assumed, presumed or known asbestos containing materials in good condition, prevent future release of asbestos fibers, and minimize exposure of all building occupants to asbestos fibers.

Asbestos containing debris from damaged pipe insulation was observed throughout the building. Access to the building should be restricted until the clean-up work is completed.

ACM that would be impacted by planned renovation must be properly removed prior to performing such activities. Refer to Table 1 for the summary of asbestos inspection findings. The removal and disposal of ACM must be performed by a NYS-DOL licensed asbestos handling contractor in accordance with Federal, state, and local regulations. Proper notifications must be filed with the US-EPA, NYS-DOL, NYC-DEP and other regulatory agencies prior to performing such activities.

Abatement design documents should be prepared to identify the locations of ACM removal and specify removal work practices.

As required by the NYS-DOL and NYC-DEP regulations, the abatement project must be monitored by a NYS-DOL certified project monitor. The project monitor oversees contractor's work practices to ensure regulatory compliance and also performs pre, during, and final clearance post abatement air sampling in accordance with the state and city regulations.

In addition to ACM, lead based paint was observed throughout the building. The paint was flaking, cracking, with debris lying on the floor. Apparently, paint stabilization work was performed in the basement and sub-basement. In addition to LBP, suspect PCB/Mercury containing electrical articles were observed throughout the building.

Estimated Remediation Cost

Budgetary estimates for asbestos abatement are provided in Attachments.

The cost for the removal of visually observed ACM/contaminated debris, removal of PCB/Mercury containing electrical articles, and remediation/stabilization of damaged paint in the building is estimated to be approximately **$ 1,350,000,** including preparation of abatement design documents, project monitoring, air sample analysis, and closeout documentation.

We trust that this report will satisfy your requirements. If you have any questions regarding this report, please call me at 201-794-6900.

Sincerely,
Langan Engineering & Environmental Services, P.C.

Vijay Patel
Associate

Cc: Joel Landes– Langan

Attachments: Table 1 - Summary of Asbestos Survey Findings,
Table 2 - Budgetary Estimate for Asbestos Abatement,
Results of Laboratory Analyses and Chain-of-Custody Documentation, and
Langan certifications and Laboratory accreditations

Table 1 – Summary of Asbestos Survey Findings

TABLE 1
SUMMARY OF ASBESTOS SURVEY FINDINGS
KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Sub-Basement				
Original mud-pack pipe joint insulation associated w/ fiberglass	ACM	3 joints	Fair	—
New mud-pack pipe joint insulation associate w/ fiberglass	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Boiler gasket	Non-ACM	—	Good	—
Boiler edge patch material	Non-ACM	—	Good	—
Breeching insulation	Non-ACM	—	Good	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Wall plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Basement				
Original mud-pack pipe joint insulation associated w/ fiberglass	ACM	20 joints	Fair to poor	—
Block and air-cell pipe insulation	ACM	4,350 LF	Poor	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. Pipe gauges, dents, and open ends were observed.
Pipe insulation debris mixed with plaster, wood and other construction debris on the floor.	ACM	39,000 SF	—	The average thickness of the debris layer in majority of the contaminated area was one inch; however, in several locations, thickness of debris layer reached up to two feet.
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	ACM	25 CY	—	—

TABLE 1
SUMMARY OF ASBESTOS SURVEY FINDINGS
KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Various types of floor tile and associated mastic	ACM	300 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM.
Electrical wire insulation	ACM	10,000 LF	Unknown	—
Interior door caulking	ACM	3 door openings	Good	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
New mud-pack pipe joint insulation associate w/ fiberglass	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Vibration dumper cloth	Non-ACM	—	Good to fair	—
Electric panel board	Non-ACM	—	Good to fair	—
Pressboard material	Non-ACM	—	Good to fair	—
Cove base and associated mastic	Non-ACM	—	Fair	—
Pyroblock	Non-ACM	—	Unknown	—
Basement Mezzanine				
Block and air-cell pipe insulation	ACM	1,125 LF	Poor	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. Pipe gauges, dents, and open ends were observed.

TABLE 1
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KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Pipe insulation debris mixed with plaster, wood and other construction debris on the floor.	ACM	17,500 SF	—	The average thickness of the debris layer in majority of the contaminated area was one inch; however, in several locations, thickness of debris layer reached up to two feet.
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	ACM	10 CY	—	—
Various types of floor tile and associated mastic	ACM	5,500 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM. Up to two layers of floor tile/covering and mastic were observed at isolated locations. At the eastern section of Basement Mezzanine ACM floor tiles and mastic were observed to be covered with layer of plywood and non-ACM floor tiles.
Electrical wire insulation	ACM	3,000 LF	Unknown	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
New mud-pack pipe joint insulation associate w/ fiberglass	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Vibration dumper cloth	Non-ACM	—	Good to fair	—
Electric panel board	Non-ACM	—	Good to fair	—
Cove base and associated mastic	Non-ACM	—	Fair	—

TABLE 1
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KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Pyroblock	Non-ACM	—	Unknown	—
1st Floor				
Block and air-cell pipe insulation	ACM	120 LF	Fair	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. Pipe open ends were observed.
Pipe insulation debris mixed with plaster on the floor.	ACM	300 SF	—	—
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	ACM	5 CY	—	—
Various types of floor tile and associated mastic	ACM	9,500 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM. Up to two layers of floor tile/covering and mastic were observed at isolated locations. At one location ACM floor tiles and mastic were observed to be covered with layer of plywood.
Ebony/Transite Electric switch panel	ACM	45 SF	Good to fair	—
Electrical wire insulation	ACM	10,000 LF	Unknown	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
New mud-pack pipe joint insulation associate w/ fiberglass	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.

TABLE 1
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KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Vibration dumper cloth	Non-ACM	—	Good to fair	—
Cove base and associated mastic	Non-ACM	—	Fair	—
1st Floor Mezzanine				
Pipe insulation debris mixed with plaster on the floor.	ACM	500 SF	—	—
Various types of floor tile and associated mastic	ACM	1,600 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM.
Electrical wire insulation	ACM	1,000 LF	Unknown	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Cove base and associated mastic	Non-ACM	—	Fair	—
2nd Floor				
Block and air-cell pipe insulation	ACM	250 LF	Fair	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. Pipe gauges, dents, and open ends were observed.
Pipe insulation debris on suspended ceiling plaster.	ACM	600 SF	—	—

TABLE 1
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KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Various types of floor tile and associated mastic	ACM	7,700 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM. Up to two layers of floor tile/covering and mastic were observed at isolated locations. Hardwood flooring underneath floor tiles was mouldered and was in poor condition. Hardwood flooring was installed on concrete sub-flooring.
Wall panel glue	ACM	1,600 SF	—	—
Mirror glue	ACM	20 SF	—	—
Electrical wire insulation	ACM	2,000 LF	Unknown	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Cove base and associated mastic	Non-ACM	—	Fair	—
3rd Floor and 4th Tower Level				
Block and air-cell pipe insulation	ACM	180 LF	Fair	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. Pipe gauges, dents, and open ends were observed.
Pipe insulation debris mixed with plaster on the floor.	ACM	1,000 SF	—	—

TABLE 1
SUMMARY OF ASBESTOS SURVEY FINDINGS
KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Various types of floor tile and associated mastic	ACM	3,500 SF	Fair to poor	Most of the identified floor tiles were confirmed positive as per ET Environmental Corp. report dated August 24, 2000 and recent Langan's investigation. Mastic associated with these floor tiles was sampled and analyzed during recent Langan's investigation and was confirmed to be ACM. Up to two layers of floor tile/covering and mastic were observed at isolated locations. Hardwood flooring underneath floor tiles was mouldered and was in poor condition. Hardwood flooring was installed on concrete sub-flooring.
Electrical wire insulation	ACM	500 LF	Unknown	—
Wall and ceiling plaster	Non-ACM	—	Poor	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Sheetrock wallboard and joint compound	Non-ACM	—	Good to fair	Confirmed negative as per ET Environmental Corp. report dated August 24, 2000.
Cove base and associated mastic	Non-ACM	—	Fair	—
Roofs and Exteriors				
Original built-up roofing, flashing and mastic materials	ACM	50 SF	Good	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. See Note 1.
Window caulking and glazing putty	ACM	200 masonry window openings	Good to fair	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000.
Exterior door caulking	ACM	5 masonry door openings	Good	—
Floor joint fill material along perimeter building walls.	ACM	1,800 LF	Good	—

TABLE 1
SUMMARY OF ASBESTOS SURVEY FINDINGS
KINGSBRIDGE ARMORY
29 KINGSBRIDGE ROAD
BRONX, NEW YORK

Homogeneous Material	ACM or Non-ACM	Approximate Quantity of ACM	Condition	Comments
Caulking on gable ends and clerestory bands	ACM	12,000 SF of surface impacted by caulking presence	—	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000.
Inaccessible areas				
Block and air-cell pipe insulation	ACM	3,000 LF	Unknown	Confirmed positive as per ET Environmental Corp. report dated August 24, 2000. An allowance is provided for the presence of concealed ACM pipe insulation within wall and ceiling cavities.
Pipe insulation debris mixed with plaster on the floor and floor covering.	ACM	1,000 SF	—	An allowance is provided for the presence of concealed ACM pipe insulation within inaccessible building spaces.

Notes:

1. The ET report documented the built-up roofing material. Apparently, the building was observed to have fairly new built-up roofing. Based on our field observations and review of the Building Department records, it appears that as part of 2002 exterior restoration project, the built-up roofing materials and several windows in the building were replaced. Any roof cuts would void existing warranty, and therefore, the roofs were not sampled during our investigation.
2. Any suspect material that is not listed in this report must be presumed ACM until confirmed via laboratory testing.

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Table 2 – Budgetary Estimate for Asbestos Abatement

TABLE 2
BUDGETARY ESTIMATE FOR HAZMAT ABATEMENT
Kingsbridge Armory
29 West Kingsbridge Road
BRONX, NEW YORK

ACM or Presumed ACM	Quantity of ACM or Presumed ACM	Unit Price	Budgetary Estimate
SUB-BASEMENT			
Original mud-pack pipe joint insulation associated w/ fiberglass	3 Joint	$500	$1,500
BASEMENT			
Original mud-pack pipe joint insulation associated w/ fiberglass	20 joint	$15	$300
Block and air-cell pipe insulation	4,350 LF	$18	$78,300
Pipe insulation debris mixed with plaster, wood and other construction debris on the floor.	39,000 SF	$5	$195,000
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	25 CY	$300	$7,500
Various types of floor tile and associated mastic	300 SF	$7	$2,100
Electrical wire insulation	10,000 LF	$3	$30,000
Interior door caulking	3 DO	$100	$300
BASEMENT MEZZANINE			
Block and air-cell pipe insulation	1,125 LF	$12	$13,500
Pipe insulation debris mixed with plaster, wood and other construction debris on the floor.	17,500 SF	$5	$87,500
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	10 CY	$300	$3,000
Various types of floor tile and associated mastic	5,500 SF	$7	$38,500
Electrical wire insulation	3,000 LF	$3	$9,000
FIRST FLOOR			
Block and air-cell pipe insulation	120 LF	$50	$6,000
Pipe insulation debris mixed with plaster on the floor.	300 SF	$10	$3,000
Pipe insulation debris mixed with plaster, wood and other construction debris in black plastic bags.	5 CY	$300	$1,500
Various types of floor tile and associated mastic	9,500 SF	$7	$66,500
Ebony/Transite Electric switch panel	45 SF	$15	$675
Electrical wire insulation	10,000 LF	$3	$30,000
FIRST FLOOR MEZZANINE			
Pipe insulation debris mixed with plaster on the floor.	500 SF	$5	$2,500
Various types of floor tile and associated mastic	1,600 SF	$7	$11,200
Electrical wire insulation	1,000 LF	$3	$3,000

BUDGETARY ESTIMATE FOR HAZMAT ABATEMENT
Kingsbridge Armory
29 West Kingsbridge Road
BRONX, NEW YORK

ACM or Presumed ACM	Quantity of ACM or Presumed ACM	Unit Price	Budgetary Estimate
SECOND FLOOR			
Block and air-cell pipe insulation	250 LF	$15	$3,750
Pipe insulation debris on suspended ceiling plaster.	600 SF	$5	$3,000
Various types of floor tile and associated mastic	7,700 SF	$7	$53,900
Wall panel glue	1,600 SF	$6	$9,600
Mirror glue	20 SF	$6	$120
Electrical wire insulation	2,000 LF	$3	$6,000
THIRD FLOOR AND FOURTH TOWER LEVEL			
Block and air-cell pipe insulation	180 LF	$30	$5,400
Pipe insulation debris mixed with plaster on the floor.	1,000 SF	$5	$5,000
Various types of floor tile and associated mastic	3,500 SF	$7	$24,500
Electrical wire insulation	500 LF	$3	$1,500
ROOFS AND EXTERIORS			
Original built-up roofing, flashing and mastic materials	50 SF	$50	$2,500
Window caulking and glazing putty	200 WO	$500	$100,000
Exterior door caulking	5 DO	$100	$500
Floor joint fill material along perimeter building walls.	1,800 LF	$5	$9,000
INACCESSIBLE AREAS			
Block and air-cell pipe insulation concealed within wall and ceiling cavities	3,000 LF	$35	$105,000
Pipe insulation debris mixed with plaster on the floor and floor covering.	100 SF	$10	$1,000
TOTAL ASBESTOS ABATEMENT ESTIMATES			**$920,645**
ESTIMATED COST FOR THE MANAGEMENT AND REMEDIATION OF LEAD BASED PAINTED COMPONENTS			**$229,355**
ESTIMATED COST FOR THE REMOVAL OF PCB/MERCURY CONTAINING ELECTRICAL ARTICLES			**$50,000**
ESTIMATED TOTAL FOR PREPARATION OF DESIGN DOCUMENTS, PROJECT MONITORING, AIR SAMPLE ANALYSIS, CLOSURE REPORT, AND SUBMITTAL REVIEW			**$150,000**
ESTIMATED TOTAL FOR THE REMEDIATION OF HAZMAT			**$1,350,000**

Notes:

1. The aforementioned unit prices for asbestos removal are based on the location, size and complexity of the project, and assume that all abatement work will be completed in one phase. These estimates are for budgetary purposes only. Actual removal cost may vary depending upon the market conditions and time of the year ACM are being removed, and work phasing. The estimates include the cost for insurance, overhead, material, labor, disposal permits, OSHA sampling and analysis, and profits. Additionally, the estimated cost is also based on the assumption that union labor wage rate will be used for the workers' and supervisors' wages.

Results of Laboratory/ Chain-of-Custody

LANGAN

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Langan Engineering & Environmental S
Attn: Vijay Patel
River Drive Center 1

Elmwood Park, NJ 07407

Date Received 09/12/08 **AmeriSci Job #** 208092383
Date Examined 09/15/08 **P.O. #**
ELAP # 11480 **Page** 1 **of** 15
RE: 5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
PYB-1-A 1	208092383-01 **Location:** Pyro Blocks; 1st Floor	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
PYB-1-B 1	208092383-02 **Location:** Pyro Blocks; 1st Floor	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
BG-1-A 2	208092383-03 **Location:** Boiler Gasket; Boiler Room In Sub Basement	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 95 %, Non-fibrous 5 %			
BG-1-B 2	208092383-04 **Location:** Boiler Gasket; Boiler Room In Sub Basement	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Tan/Brown, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 75 %, Non-fibrous 25 %			
BEP-1-A 3	208092383-05 **Location:** Boiler Edge Patch Material; Boiler Room In Sub Basement	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 80 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

5815101; Kingsbridge Armory; 29 West Kingsbridge Road,
Bronx, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BEP-1-B 3	208092383-06 **Location:** Boiler Edge Patch Material; Boiler Room In Sub Basement	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 20 %, Non-fibrous 80 %			
PB-1-A 4	208092383-07 **Location:** Pressboard Material; Basement	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 95 %, Non-fibrous 5 %			
PB-1-B 4	208092383-08 **Location:** Pressboard Material; Basement	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 95 %, Non-fibrous 5 %			
WI-1-A 5	208092383-09 **Location:** Wire Wrap Insulation; Seating Area	***Yes***	14 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey/Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 14.0 % **Other Material:** Non-fibrous 48.9 %			
WI-1-B 5	208092383-10 **Location:** Wire Wrap Insulation; Seating Area		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
EB-1-A 6	208092383-11 **Location:** Electric Panel Board; Basement	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
EB-1-B 6	208092383-12 **Location:** Electric Panel Board; Basement	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
SSB-1-A 7	208092383-13 **Location:** Safety Switch Backing Material; Seat Level	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
SSB-1-B 7	208092383-14 **Location:** Safety Switch Backing Material; Seat Level	***No***	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 10 %, Non-fibrous 90 %			
TR-1-A 8	208092383-15 **Location:** Transite Electrical Panel; 1st Floor	***Yes***	22.2 % (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 22.2 % **Other Material:** Non-fibrous 77.8 %			
TR-1-B 8	208092383-16 **Location:** Transite Electrical Panel; 1st Floor		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
DB-1-A 9	208092383-17 **Location:** Debris On The Floor Pipe Insulation; Basement	***Yes***	50 % (by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 50.0 % **Other Material:** Non-fibrous 50 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
DB-1-B	208092383-18		NA/PS
9	**Location:** Debris On The Floor Pipe Insulation; Basement		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
FLEX-1-A	208092383-19	***No***	NAD
10	**Location:** Vibration Damper Cloth; Basement		(by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 90 %, Non-fibrous 10 %			
FLEX-1-B	208092383-20	***No***	NAD
10	**Location:** Vibration Damper Cloth; Basement		(by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 90 %, Non-fibrous 10 %			
MPJ-1-A	208092383-21	***Yes***	44.4 %
11	**Location:** Mud Pack Pipe Joint Attached With Old Fiberglass Pipe Insulation; Center Restroom On South Side- Basement		(by NYS ELAP 198.1) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 44.4 % **Other Material:** Non-fibrous 55.6 %			
FJF-1-A	208092383-22	***Yes***	1.5 %
12	**Location:** Floor Joint Fill Material; Exterior- West Side By Building Wall		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 1.5 % **Other Material:** Non-fibrous 4.9 %			
FJF-1-B	208092383-23		NA/PS
12	**Location:** Floor Joint Fill Material; Exterior- West Side By Building Wall		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
WPG-1-A	208092383-24	***Yes***	7.2 %
13	**Location:** Wooden Wall Panel Glue; 2nd Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 7.2 % **Other Material:** Non-fibrous 48.7 %			
WPG-1-B	208092383-25		NA/PS
13	**Location:** Wooden Wall Panel Glue; 2nd Floor		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
WGL-1-A	208092383-26	***No***	NAD
14	**Location:** Glue Attached With Cork Wall Tiles; 1st Floor Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 45.4 %			
WGL-1-B	208092383-27	***No***	NAD
14	**Location:** Glue Attached With Cork Wall Tiles; 1st Floor Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 44.4 %			
MG-1-A	208092383-28	***Yes***	3.2 %
15	**Location:** Mastic Attached With Mirrors On The Wall; 2nd Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.2 % **Other Material:** Non-fibrous 55.1 %			
MG-1-B	208092383-29		NA/PS
15	**Location:** Mastic Attached With Mirrors On The Wall; 2nd Floor		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
IDC-1-A 16	208092383-30 **Location:** Interior Door Caulking; Basement	***Yes***	6.1 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.0 %, Anthophyllite 3.0 % **Other Material:** Fibrous Talc 10 %, Non-fibrous 34 %			
IDC-1-B 16	208092383-31 **Location:** Interior Door Caulking; Basement		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
DC-1-A 17	208092383-32 **Location:** Door Caulking; Exterior	***Yes***	2.4 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 2.4 %, Anthophyllite <1 % pc **Other Material:** Fibrous glass 5 %, Non-fibrous 30.1 %			
DC-1-B 17	208092383-33 **Location:** Door Caulking; Exterior		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
WC-1-A 18	208092383-34 **Location:** Window Caulking; Exterior	***Yes***	3.4 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 1.7 %, Anthophyllite 1.7 % **Other Material:** Fibrous Talc 5 %, Non-fibrous 34.5 %			
WC-1-B 18	208092383-35 **Location:** Window Caulking; Exterior		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BBM-1-A 19	208092383-36L1 **Location:** Covebase; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 27.5 %			
BBM-1-A 19	208092383-36L2 **Location:** Covebase Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.2 %			
BBM-1-B 19	208092383-37L1 **Location:** Covebase; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 25.9 %			
BBM-1-B 19	208092383-37L2 **Location:** Covebase Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.9 %			
BBM-2-A 20	208092383-38L1 **Location:** 6" Black Covebase; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.8 %			
BBM-2-A 20	208092383-38L2 **Location:** 6" Black Covebase Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.3 %			

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PLM Bulk Asbestos Report

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
BBM-2-B 20	208092383-39L1 **Location:** 6" Black Covebase; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 29.3 %			
BBM-2-B 20	208092383-39L2 **Location:** 6" Black Covebase Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.6 %			
FC-1-A 21	208092383-40 **Location:** Black Linoleum Floor Covering; Basement Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.1 %			
FC-1-B 21	208092383-41 **Location:** Black Linoleum Floor Covering; Basement Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 18 %			
FC-2-A 22	208092383-42 **Location:** Brown Linoleum Floor Covering; Middle Stair Room Basement Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.3 %			
FC-2-B 22	208092383-43 **Location:** Brown Linoleum Floor Covering; Middle Stair Room Basement Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.1 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FT-1-A 23	208092383-44 **Location:** 9" Sq. Beige Floor Tiles/ No Mastic; Basement- North Side	***Yes***	4 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 4.0 % **Other Material:** Non-fibrous 17.8 %			
FT-1-B 23	208092383-45 **Location:** 9" Sq. Beige Floor Tiles/ No Mastic; Basement- North Side		NA/PS
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
FT-2A 24	208092383-46L1 **Location:** L1: 12" Sq. White Floor Tile; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 0.9 %			
FT-2A 24	208092383-46L2 **Location:** L1: 12" Sq. White Floor Tile Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.5 %			
FT-2A 24	208092383-46L3 **Location:** L2: 12" Sq. Beige Floor Tile; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 6.4 %			
FT-2A 24	208092383-46L4 **Location:** L2: 12" Sq. Beige Floor Tile Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.6 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FT-2-B 24	208092383-47L1 **Location:** L1: 12" Sq. White Floor Tiles; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.8 %			
FT-2-B 24	208092383-47L2 **Location:** L1: 12" Sq. White Floor Tiles Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.7 %			
FT-2-B 24	208092383-47L3 **Location:** L2: 12" Sq. Beige Floor Tiles; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.4 %			
FT-2-B 24	208092383-47L4 **Location:** L2: 12" Sq. Beige Floor Tiles Mastic; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 5.6 %			
FT-2-C 24	208092383-48L1 **Location:** 12" Sq. Beige Floor Tiles - Only 1 Layer; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 6.9 %			
FT-2-C 24	208092383-48L2 **Location:** 12" Sq. Beige Floor Tiles Mastic- Only 1 Layer; Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 7 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FT-3-A	208092383-49L1	***Yes***	6.9 %
25	**Location:** Black Floor Tiles; Basement- Mezzanine Under Plywood & FT-2		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 6.9 % **Other Material:** Non-fibrous 34.6 %			
FT-3-A	208092383-49L2	***No***	NAD
25	**Location:** Black Floor Tile Mastic/ Felt Paper; Basement- Mezzanine Under Plywood & FT-2		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.8 %			
FT-3-B	208092383-50L1		NA/PS
25	**Location:** Black Floor Tiles; Basement- Mezzanine Under Plywood & FT-2		
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
FT-3-B	208092383-50L2	***Yes***	Trace (<0.25 % pc)
25	**Location:** Black Floor Tile Mastic/ Felt Paper; Basement- Mezzanine Under Plywood & FT-2		(ELAP 198.6; 400pc) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 9.8 %			
FT-4-A	208092383-51L1	***Yes***	5.5 %
26	**Location:** 12" Sq. Tan Wood Design Floor Tiles; 1st Floor- Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 5.5 % **Other Material:** Non-fibrous 23.5 %			
FT-4-A	208092383-51L2	***No***	NAD
26	**Location:** 12" Sq. Tan Wood Design Floor Tiles Mastic; 1st Floor- Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Brown/Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.5 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FT-4-B 26	208092383-52L1 **Location:** 12" Sq. Tan Wood Design Floor Tiles; 1st Floor- Mezzanine		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
FT-4-B 26	208092383-52L2 **Location:** 12" Sq. Tan Wood Design Floor Tiles Mastic; 1st Floor- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
	Analyst Description: Brown/Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.8 %		
FT-5-A 27	208092383-53L1 **Location:** 12" Sq. Terra Cotta Red With Brown Spackles FT; 2nd Floor	***Yes***	3.7 % (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
	Analyst Description: Red, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 3.7 % **Other Material:** Non-fibrous 25.7 %		
FT-5-A 27	208092383-53L2 **Location:** 12" Sq. Terra Cotta Red With Brown Spackles FT Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
	Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 27.1 %		
FT-5-B 27	208092383-54L1 **Location:** 12" Sq. Terra Cotta Red With Brown Spackles FT; 2nd Floor		NA/PS
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
FT-5-B 27	208092383-54L2 **Location:** 12" Sq. Terra Cotta Red With Brown Spackles FT Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
	Analyst Description: Tan, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 29.1 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
FT-6-A 28	208092383-55L1 **Location:** 12" Sq. Dark Brown Floor Tile; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.5 %			
FT-6-A 28	208092383-55L2 **Location:** 12" Sq. Dark Brown Floor Tile Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 19.8 %			
FT-6-B 28	208092383-56L1 **Location:** 12" Sq. Dark Brown Floor Tile; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.3 %			
FT-6-B 28	208092383-56L2 **Location:** 12" Sq. Dark Brown Floor Tile Mastic; 2nd Floor	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 12.7 %			
MA-1-A 29	208092383-57 **Location:** Mastic Attached With 9" Sq. Red Floor Tiles (No FT); Middle Stair Room Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 9.7 %			
MA-1-B 29	208092383-58 **Location:** Mastic Attached With 9" Sq. Red Floor Tiles (No FT); Middle Stair Room Basement- Mezzanine	***No***	NAD (by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 24.8 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MA-2-A	208092383-59	***No***	NAD
30	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Brown Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.7 %			
MA-2-B	208092383-60	***No***	NAD
30	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Brown Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.8 %			
MA-3-A	208092383-61	***No***	NAD
31	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Black Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 2.7 %			
MA-3-B	208092383-62	***No***	NAD
31	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Black Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9 %			
MA-4-A	208092383-63	***No***	NAD
32	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Blue Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 11.4 %			
MA-4-B	208092383-64	***No***	NAD
32	**Location:** Mastic/ Felt Paper Attached With 9" Sq. Blue Floor Tiles; 1st Floor		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 10.7 %			

See Reporting notes on last page

PLM Bulk Asbestos Report

5815101; Kingsbridge Armory; 29 West Kingsbridge Road,
Bronx, New York

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
MA-5-A	208092383-65	***No***	NAD
33	**Location:** Mastic Attached With 9" Sq. Wood Design Floor Tiles; 1st Floor- Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 6.8 %			
MA-5-B	208092383-66	***No***	NAD
33	**Location:** Mastic Attached With 9" Sq. Wood Design Floor Tiles; 1st Floor- Mezzanine		(by NYS ELAP 198.6) by John P. Koubiadis on 09/15/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 4.3 %			

Reporting Notes:

Analyzed by: John P. Koubiadis

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently 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 EPA Advisory for floor tile,FR 59,146,38970,8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab. This PLM report relates ONLY to the items tested. AIHA Lab # 102843.

Reviewed By: _____

_____END OF REPORT_____

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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	PYB-1-A	1	----	----	----	----	NAD	NA
Location:	Pyro Blocks; 1st Floor							
02	PYB-1-B	1	----	----	----	----	NAD	NA
Location:	Pyro Blocks; 1st Floor							
03	BG-1-A	2	----	----	----	----	NAD	NA
Location:	Boiler Gasket; Boiler Room In Sub Basement							
04	BG-1-B	2	----	----	----	----	NAD	NA
Location:	Boiler Gasket; Boiler Room In Sub Basement							
05	BEP-1-A	3	----	----	----	----	NAD	NA
Location:	Boiler Edge Patch Material; Boiler Room In Sub Basement							
06	BEP-1-B	3	----	----	----	----	NAD	NA
Location:	Boiler Edge Patch Material; Boiler Room In Sub Basement							
07	PB-1-A	4	----	----	----	----	NAD	NA
Location:	Pressboard Material; Basement							
08	PB-1-B	4	----	----	----	----	NAD	NA
Location:	Pressboard Material; Basement							
09	WI-1-A	5	1.276	19.2	17.9	48.9	Chrysotile 14.0	NA
Location:	Wire Wrap Insulation; Seating Area							
10	WI-1-B	5	1.123	21.8	16.9	61.3	NA/PS	NA
Location:	Wire Wrap Insulation; Seating Area							
11	EB-1-A	6	----	----	----	----	NAD	NA
Location:	Electric Panel Board; Basement							
12	EB-1-B	6	----	----	----	----	NAD	NA
Location:	Electric Panel Board; Basement							
13	SSB-1-A	7	----	----	----	----	NAD	NA
Location:	Safety Switch Backing Material; Seat Level							
14	SSB-1-B	7	----	----	----	----	NAD	NA
Location:	Safety Switch Backing Material; Seat Level							
15	TR-1-A	8	----	----	----	----	Chrysotile 22.2	NA
Location:	Transite Electrical Panel; 1st Floor							
16	TR-1-B	8	----	----	----	----	NA/PS	NA
Location:	Transite Electrical Panel; 1st Floor							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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	DB-1-A	9	----	----	----	----	Chrysotile 50.0	NA
Location:	Debris On The Floor Pipe Insulation; Basement							
18	DB-1-B	9	----	----	----	----	NA/PS	NA
Location:	Debris On The Floor Pipe Insulation; Basement							
19	FLEX-1-A	10	----	----	----	----	NAD	NA
Location:	Vibration Damper Cloth; Basement							
20	FLEX-1-B	10	----	----	----	----	NAD	NA
Location:	Vibration Damper Cloth; Basement							
21	MPJ-1-A	11	----	----	----	----	Chrysotile 44.4	NA
Location:	Mud Pack Pipe Joint Attached With Old Fiberglass Pipe Insulation; Center Restroom On South Side- Basement							
22	FJF-1-A	12	0.172	90.1	3.5	4.9	Chrysotile 1.5	NA
Location:	Floor Joint Fill Material; Exterior- West Side By Building Wall							
23	FJF-1-B	12	0.382	75.9	3.9	20.2	NA/PS	NA
Location:	Floor Joint Fill Material; Exterior- West Side By Building Wall							
24	WPG-1-A	13	1.298	34.9	9.2	48.7	Chrysotile 7.2	NA
Location:	Wooden Wall Panel Glue; 2nd Floor							
25	WPG-1-B	13	0.565	32.2	27.4	40.4	NA/PS	NA
Location:	Wooden Wall Panel Glue; 2nd Floor							
26	WGL-1-A	14	0.425	52.5	2.1	45.4	NAD	NAD
Location:	Glue Attached With Cork Wall Tiles; 1st Floor Mezzanine							
27	WGL-1-B	14	0.432	53.7	1.9	44.4	NAD	NAD
Location:	Glue Attached With Cork Wall Tiles; 1st Floor Mezzanine							
28	MG-1-A	15	0.504	25.2	16.5	55.1	Chrysotile 3.2	NA
Location:	Mastic Attached With Mirrors On The Wall; 2nd Floor							
29	MG-1-B	15	0.361	27.4	17.2	55.4	NA/PS	NA
Location:	Mastic Attached With Mirrors On The Wall; 2nd Floor							
30	IDC-1-A	16	0.795	27.2	22.8	44.0	Chrysotile 3.0	NA
Location:	Interior Door Caulking; Basement						Anthophyllite 3.0	
31	IDC-1-B	16	0.507	28.8	22.1	49.1	NA/PS	NA
Location:	Interior Door Caulking; Basement							
32	DC-1-A	17	0.451	53.4	9.1	35.1	Chrysotile 2.4	NA
Location:	Door Caulking; Exterior						Anthophyllite <1	

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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	DC-1-B	17	0.803	38.1	10.6	51.3	NA/PS	NA
Location:	Door Caulking; Exterior							
34	WC-1-A	18	0.198	41.9	15.2	39.5	Chrysotile 1.7	NA
Location:	Window Caulking; Exterior						Anthophyllite 1.7	
35	WC-1-B	18	0.484	39.3	12.0	48.8	NA/PS	NA
Location:	Window Caulking; Exterior							
36L1	BBM-1-A	19	0.364	40.9	31.6	27.5	NAD	NAD
Location:	Covebase; Basement- Mezzanine							
36L2	BBM-1-A	19	0.416	30.3	69.5	0.2	NAD	NAD
Location:	Covebase Mastic; Basement- Mezzanine							
37L1	BBM-1-B	19	0.482	42.3	31.7	25.9	NAD	NAD
Location:	Covebase; Basement- Mezzanine							
37L2	BBM-1-B	19	0.435	31.0	68.0	0.9	NAD	NAD
Location:	Covebase Mastic; Basement- Mezzanine							
38L1	BBM-2-A	20	0.363	37.2	51.0	11.8	NAD	NAD
Location:	6" Black Covebase; 2nd Floor							
38L2	BBM-2-A	20	0.312	28.8	70.8	0.3	NAD	NAD
Location:	6" Black Covebase Mastic; 2nd Floor							
39L1	BBM-2-B	20	0.559	38.3	32.4	29.3	NAD	NAD
Location:	6" Black Covebase; 2nd Floor							
39L2	BBM-2-B	20	0.344	27.3	72.1	0.6	NAD	NAD
Location:	6" Black Covebase Mastic; 2nd Floor							
40	FC-1-A	21	0.747	71.8	9.1	19.1	NAD	NAD
Location:	Black Linoleum Floor Covering; Basement Mezzanine							
41	FC-1-B	21	0.668	71.1	10.9	18.0	NAD	NAD
Location:	Black Linoleum Floor Covering; Basement Mezzanine							
42	FC-2-A	22	0.719	72.9	10.8	16.3	NAD	NAD
Location:	Brown Linoleum Floor Covering; Middle Stair Room Basement Mezzanine							
43	FC-2-B	22	0.669	72.9	10.9	16.1	NAD	NAD
Location:	Brown Linoleum Floor Covering; Middle Stair Room Basement Mezzanine							
44	FT-1-A	23	0.239	20.1	58.2	17.8	Chrysotile 4.0	NA
Location:	9" Sq. Beige Floor Tiles/ No Mastic; Basement- North Side							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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
45	FT-1-B	23	0.604	20.9	47.5	31.6	NA/PS	NA
Location:	9" Sq. Beige Floor Tiles/ No Mastic; Basement- North Side							
46L1	FT-2A	24	0.999	11.5	87.6	0.9	NAD	NAD
Location:	L1: 12" Sq. White Floor Tile; Basement- Mezzanine							
46L2	FT-2A	24	0.067	22.4	76.1	1.5	NAD	NAD
Location:	L1: 12" Sq. White Floor Tile Mastic; Basement- Mezzanine							
46L3	FT-2A	24	0.327	21.7	71.9	6.4	NAD	NAD
Location:	L2: 12" Sq. Beige Floor Tile; Basement- Mezzanine							
46L4	FT-2A	24	0.393	25.7	68.7	5.6	NAD	NAD
Location:	L2: 12" Sq. Beige Floor Tile Mastic; Basement- Mezzanine							
47L1	FT-2-B	24	0.621	11.0	87.3	1.8	NAD	NAD
Location:	L1: 12" Sq. White Floor Tiles; Basement- Mezzanine							
47L2	FT-2-B	24	0.112	22.3	75.0	2.7	NAD	NAD
Location:	L1: 12" Sq. White Floor Tiles Mastic; Basement- Mezzanine							
47L3	FT-2-B	24	0.667	22.6	73.9	3.4	NAD	NAD
Location:	L2: 12" Sq. Beige Floor Tiles; Basement- Mezzanine							
47L4	FT-2-B	24	0.213	39.9	54.5	5.6	NAD	NAD
Location:	L2: 12" Sq. Beige Floor Tiles Mastic; Basement- Mezzanine							
48L1	FT-2-C	24	0.549	21.1	71.9	6.9	NAD	NAD
Location:	12" Sq. Beige Floor Tiles - Only 1 Layer; Basement- Mezzanine							
48L2	FT-2-C	24	0.270	65.6	27.4	7.0	NAD	NAD
Location:	12" Sq. Beige Floor Tiles Mastic- Only 1 Layer; Basement- Mezzanine							
49L1	FT-3-A		0.337	27.6	30.9	41.5	Chrysotile 6.9	NA
Location:	Black Floor Tiles; Basement- Mezzanine Under Plywood & FT-2							
49L2	FT-3-A	25	0.167	80.8	8.4	10.8	NAD	NAD
Location:	Black Floor Tile Mastic/ Felt Paper; Basement- Mezzanine Under Plywood & FT-2							
50L1	FT-3-B		0.414	28.7	27.1	44.2	NA	NA
Location:	Black Floor Tiles; Basement- Mezzanine Under Plywood & FT-2							
50L2	FT-3-B	25	0.214	81.8	8.4	7.8	Chrysotile <0.25	Chrysotile 2.0
Location:	Black Floor Tile Mastic/ Felt Paper; Basement- Mezzanine Under Plywood & FT-2							
51L1	FT-4-A	26	1.003	26.3	44.7	23.5	Chrysotile 5.5	NA
Location:	12" Sq. Tan Wood Design Floor Tiles; 1st Floor- Mezzanine							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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
51L2	FT-4-A	26	0.215	54.4	26.0	19.5	NAD	NAD
Location:	12" Sq. Tan Wood Design Floor Tiles Mastic; 1st Floor- Mezzanine							
52L1	FT-4-B	26	0.590	26.8	44.7	28.5	NA/PS	NA
Location:	12" Sq. Tan Wood Design Floor Tiles; 1st Floor- Mezzanine							
52L2	FT-4-B	26	0.177	58.8	21.5	19.8	NAD	NAD
Location:	12" Sq. Tan Wood Design Floor Tiles Mastic; 1st Floor- Mezzanine							
53L1	FT-5-A	27	0.562	23.7	47.0	25.7	Chrysotile 3.7	NA/PS
Location:	12" Sq. Terra Cotta Red With Brown Spackles FT; 2nd Floor							
53L2	FT-5-A	27	0.059	39.0	33.9	21.7	NAD	Chrysotile 5.4
Location:	12" Sq. Terra Cotta Red With Brown Spackles FT Mastic; 2nd Floor							
54L1	FT-5-B	27	0.266	24.4	54.5	21.1	NA/PS	NA/PS
Location:	12" Sq. Terra Cotta Red With Brown Spackles FT; 2nd Floor							
54L2	FT-5-B	27	0.086	50.0	20.9	29.1	NAD	NA/PS
Location:	12" Sq. Terra Cotta Red With Brown Spackles FT Mastic; 2nd Floor							
55L1	FT-6-A	28	0.617	24.8	63.7	11.4	NAD	Chrysotile Trace
Location:	12" Sq. Dark Brown Floor Tile; 2nd Floor							
55L2	FT-6-A	28	0.167	62.3	18.0	19.6	NAD	Chrysotile <1.0
Location:	12" Sq. Dark Brown Floor Tile Mastic; 2nd Floor							
56L1	FT-6-B	28	0.586	24.1	64.7	11.3	NAD	NAD
Location:	12" Sq. Dark Brown Floor Tile; 2nd Floor							
56L2	FT-6-B	28	0.063	57.1	30.2	12.7	NAD	NAD
Location:	12" Sq. Dark Brown Floor Tile Mastic; 2nd Floor							
57	MA-1-A	29	0.093	63.4	26.9	8.2	NAD	Chrysotile 1.5
Location:	Mastic Attached With 9" Sq. Red Floor Tiles (No FT); Middle Stair Room Basement- Mezzanine							
58	MA-1-B	29	0.105	50.5	24.8	24.8	NAD	NA/PS
Location:	Mastic Attached With 9" Sq. Red Floor Tiles (No FT); Middle Stair Room Basement- Mezzanine							
59	MA-2-A	30	0.197	84.8	4.6	10.6	NAD	Chrysotile Trace
Location:	Mastic/ Felt Paper Attached With 9" Sq. Brown Floor Tiles; 1st Floor							
60	MA-2-B	30	0.451	84.0	4.2	11.7	NAD	Chrysotile Trace
Location:	Mastic/ Felt Paper Attached With 9" Sq. Brown Floor Tiles; 1st Floor							
61	MA-3-A	31	0.291	91.4	5.8	2.6	NAD	Chrysotile Trace
Location:	Mastic/ Felt Paper Attached With 9" Sq. Black Floor Tiles; 1st Floor							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
5815101; Kingsbridge Armory; 29 West Kingsbridge Road, Bronx, New York

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
62	MA-3-B	31	0.212	93.4	4.7	1.8	NAD	Chrysotile Trace
Location:	Mastic/ Felt Paper Attached With 9" Sq. Black Floor Tiles; 1st Floor							
63	MA-4-A	32	0.166	84.3	4.2	11.3	NAD	Chrysotile Trace
Location:	Mastic/ Felt Paper Attached With 9" Sq. Blue Floor Tiles; 1st Floor							
64	MA-4-B	32	0.140	85.0	4.3	10.7	NAD	NAD
Location:	Mastic/ Felt Paper Attached With 9" Sq. Blue Floor Tiles; 1st Floor							
65	MA-5-A	33	0.059	84.7	8.5	5.1	NAD	Chrysotile 1.7
Location:	Mastic Attached With 9" Sq. Wood Design Floor Tiles; 1st Floor- Mezzanine							
66	MA-5-B	33	0.138	88.4	7.2	4.3	NAD	NA/PS
Location:	Mastic Attached With 9" Sq. Wood Design Floor Tiles; 1st Floor- Mezzanine							

Analyzed by: Aleksandr Barengolts; Date Analyzed 9/15/2008

**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-93/116 (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 heterogenous materials).

Reviewed By:

Langan
Engineering and Environmental Services

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Elmwood Park, NJ 07407
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☐ Georgetown Crossing
3655 Route 202, Ste 225
Doylestown, PA 8901-1699
Phone: 215-348-7101
Fax: 215-348-7125

☐ 1 Penn Center & Suburban Stn
1617 JFK Boulevard, Ste 889
Philadelphia, PA 19103
Phone: 215-864-0640
Fax: 215-864-0671

☐ Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Project Name:	Kingsbridge Armory	Project. No.:	5815101
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel
Site Location:	Bronx, New York	Phone No:	(201) 794-6900
Sampled By:	M. Baran/S. Patel	License #:	103281
Company:	LANGAN		72hrs TAT

ANALYSIS REQUESTED: Asbestos: **XX** Lead:
BULK: **XX**

Sample ID Number	Description of Sample	Location	Sampling Date	PLM	PLM-NOB	TEM	AAS	TCLP
PYB-1-A	pyro-bloeks	1st Floor	9/4,5 &8/08	X				
PYB-1-B	↓	↓	↓	X				
BG-1-A	Boiler Gasket	Boiler room in sub basement		X	20809238 3 -			
BG-1-B	↓	↓		X				
BEP-1-A	Boiler edge Patch materials			X				
BEP-1-B	↓	↓		X				
PB-1-A	Pressboard material	Basement		X				
PB-1-B	↓	↓		X				
WI-1-A	Wire wrap insulation	seating area		X				
WI-1-B	↓	↓	↓	X				

Total No. of Samples: 10
Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	1037
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

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☐ Georgetown Crossing
3655 Route 202, Ste 225
Doylestown, PA 8901-1699
Phone: 215-348-7101
Fax: 215-348-7125

☐ 1 Penn Center & Suburban Stn
1617 JFK Boulevard, Ste 889
Philadelphia, PA 19103
Phone: 215-864-0640
Fax: 215-864-0671

☐ Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

				ANALYSIS REQUESTED: Asbestos: XX				Lead:
Project Name:	Kingsbridge Armory	Project. No.:	5815101	BULK: XX				
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel					
Site Location:	Bronx, New York	Phone No:	(201) 794-6900	PLM	PLM-NOB	TEM	AAS	TCLP
Sampled By:	M. Baran/S. Patel	License #:	103281					
Company:	LANGAN		72hrs TAT					

Sample ID Number	Description of Sample	Location	Sampling Date	PLM	PLM-NOB	TEM	AAS	TCLP
EB-1-A	Electric panel board	Basement	9/4,5 &8/08	X				
EB-1-B	↓	↓	↓	X				
SSB-1-A	Safety switch backing material	seat level		X	20809283-			
SSB-1-B	↓	↓	↓	X				
TR-1-A	Transite electrical panel	1st Floor		X				
TR-1-B	↓	↓	↓	X				
DB-1-A	Debris on the floor Pipe insulation	Basement		X				
DB-1-B	↓	↓	↓	X				
FLEX-1-A	Vibration damper cloth	Basement		X				
FLEX-1-B	↓	↓	↓	X				

Total No. of Samples: 10

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	1037
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

☒ River Drive Center I
Elmwood Park, NJ 07407
Phone: 201-794-6900
Fax: 201-794-7501

☐ 90 West Street
New York, NY 10006-1039
Phone: 212-964-7888
Fax: 212-964-7885

☐ Georgetown Crossing
3655 Route 202, Ste 225
Doylestown, PA 8901-1699
Phone: 215-348-7101
Fax: 215-348-7125

☐ 1 Penn Center & Suburban Stn
1617 JFK Boulevard, Ste 889
Philadelphia, PA 19103
Phone: 215-864-0640
Fax: 215-864-0671

☐ Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

Project Name:	Kingsbridge Armory	Project. No.:	5815101
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel
Site Location:	Bronx, New York	Phone No:	(201) 794-6900
Sampled By:	M. Baran/S. Patel	License #:	103281
Company:	LANGAN		72hrs TAT

Sample ID Number	Description of Sample	Location	Sampling Date	ANALYSIS REQUESTED: Asbestos: XX BULK: XX PLM	PLM-NOB	TEM	AAS	Lead: TCLP
					208092383-			
MPJ-1-A	Mudpack pipe joint attached with old fiberglass pipe insulation	Center restroom on southside - Basement	9/4,5 &8/08	X				
FJF-1-A	Floor joint fill material	Exterior - Westside by building wall		X	X	X		
FJF-1-B	↓	↓		X	X	X		
WPG-1-A	Wooden wall panel glue	2nd floor			X	X		
WPG-1-B	↓	↓			X	X		
WGL-1-A	Glue attached with cork wall tiles	1st Floor Mezza-nine			X	X		
WGL-1-B	↓	↓			X	X		
MG-1-A	Mastic attached with mirrors on the wall	2nd Floor			X	X		
MG-1-B	↓	↓			X	X		
/	/	/						

Total No. of Samples: 09

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	
Company: LANGAN		Company: 1057

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

☒ River Drive Center I
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Fax: 215-864-0671

☐ Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

				ANALYSIS REQUESTED: Asbestos: XX				Lead:
Project Name:	Kingsbridge Armory	Project. No.:	5815101	BULK: XX				
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel					
Site Location:	Bronx, New York	Phone No:	(201) 794-6900	PLM	PLM-NOB	TEM	AAS	TCLP
Sampled By:	M. Baran/S. Patel	License #:	103281					
Company:	LANGAN		72hrs TAT					

Sample ID Number	Description of Sample	Location	Sampling Date	PLM	PLM-NOB	TEM	AAS	TCLP
IDC-1-A	Interior door caulking	Basement	9/4,5 &8/08		X	X		
IDC-1-B	↓	↓	↓		X	X		
DC-1-A	Door Caulking	Exterior			X	X		
DC-1-B	↓	↓			X	X		
WC-1-A	Window Caulking				X	X		
WC-1-B	↓	↓			X	X		
BBM-1-A	Cove base and mastic	Basement - Mezzanine			X	X		
BBM-1-B	↓	↓			X	X		
BBM-2-A	6" black cove base and mastic	2nd floor			X	X		
BBM-2-B	↓	↓	↓		X	X		

2080923833

Total No. of Samples: 10

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	1037
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

☒ River Drive Center I
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☐ Long Wharf Maritime Center
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New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

				ANALYSIS REQUESTED: Asbestos: XX				Lead:
Project Name:	Kingsbridge Armory	Project. No.:	5815101	BULK: XX				
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel					
Site Location:	Bronx, New York	Phone No:	(201) 794-6900	PLM	PLM-NOB	TEM	AAS	TCLP
Sampled By:	M. Baran/S. Patel	License #:	103281					
Company:	LANGAN		72hrs TAT					

Sample ID Number	Description of Sample	Location	Sampling Date	PLM	PLM-NOB	TEM	AAS	TCLP
FC-1-A	Black linoleum floor covering	Basement Mezzanine	9/4,5 &8/08		X	X		
FC-1-B	↓	↓	↓		X	X		
FC-2-A	Brown linoleum floor covering	Middle stair room Basement Mezzaine	↓		X	X		
FC-2-A	↓	↓	↓		X	X		
FT-1-A	9"sq. Beige floor tiles/ NO mastic	Basement - North side	↓		X	X		
FT-1-B	↓	↓	↓		X	X		
FT-2-A	L1: 12"sq. white floor tiles and mastic	Basement - Mezzanine	↓		X	X		
	L2: 12"sq. beige floor tiles and mastic	↓	↓		X	X		
FT-2-B	↓	↓	↓		X	X		
FT-2-C	12"sq. beige floor tiles and mastic - Only 1 layer	↓	↓		X	X		

2080923833

Total No. of Samples: 09

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12 1037
Fedex Delivery	TIME:	
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

☒ River Drive Center I
Elmwood Park, NJ 07407
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CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

Project Name:	Kingsbridge Armory	Project. No.:	5815101
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel
Site Location:	Bronx, New York	Phone No:	(201) 794-6900
Sampled By:	M. Baran/S. Patel	License #:	103281
Company:	LANGAN		72hrs TAT

Sample ID Number	Description of Sample	Location	Sampling Date	ANALYSIS REQUESTED: Asbestos: XX BULK: XX PLM	PLM-NOB	TEM	Lead: AAS	TCLP
FT-3-A	Black floor tiles and mastic/felt paper	Basement-Mezzanine under Plywood & FT-2	9/4,5 &8/08		X	X		
FT-3-B	↓	↓	↓		X	X		
FT-4-A	12" sq. tan wood design floor tiles and mastic	1st floor-Mezzanine			X	X	2080923	83
FT-4-B	↓	↓			X	X		
FT-5-A	12" sq. terra cotta red with brown speckles FT and mastic	2nd Floor			X	X		
FT-5-B	↓	↓			X	X		
FT-6-A	12" sq. dark brown floor tiles and mastic	2nd Floor			X	X		
FT-6-B	↓	↓			X	X		
MA-1-A	Mastic attached with 9" sq. red floor tiles (No FT)	Middle stair room Basement-Mezzanine			X	X		
MA-1-B	↓	↓	↓		X	X		

Total No. of Samples: 10

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	0937
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan
Engineering and Environmental Services

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

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Phone: 215-348-7101
Fax: 215-348-7125

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☐ Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511-6107
Phone: 203-562-5771
Fax: 203-789-6142

				ANALYSIS REQUESTED: Asbestos: XX				Lead:
Project Name:	Kingsbridge Armory	Project. No.:	5815101	BULK: XX				
Address:	29 West Kingsbridge Road	Auth. By:	Vijay Patel					
Site Location:	Bronx, New York	Phone No:	(201) 794-6900	PLM	PLM-NOB	TEM	AAS	TCLP
Sampled By:	M. Baran/S. Patel	License #:	103281					
Company:	LANGAN		72hrs TAT					

Sample ID Number	Description of Sample	Location	Sampling Date	PLM	PLM-NOB	TEM	AAS	TCLP
MA-2-A	Mastic/Felt paper attached with 9" sq. brown floor tiles,	1st Floor	9/4,5 &8/08		X	X		
MA-2-B	↓	↓	↓		X	X		
MA-3-A	Mastic/Felt paper attached with 9"sq. black floor tiles	1st Floor			X	X		
MA-3-B	↓	↓	↓		X	X		
MA-4-A	Mastic/Felt attached with 9"sq. blue floor tiles	1st Floor			X	X		
MA-4-B	↓	↓	↓		X	X		
MA-5-A	Mastic attached with 9"sq. wood design floor tiles	1st Floor-Mezzanine			X	X		
MA-5-B	↓	↓	↓		X	X		

2080923837

Total No. of Samples: 08

Laboratory Instructions/Turnaround Requested: 72hrs TAT

XXX Stop at first positive result for each homogeneous sample; Analyze by layer

Relinquished By: Sanjay Patel	DATE:	Received By:
Sanjay Patel	9/11/08	9/12
Fedex Delivery	TIME:	1037
Company: LANGAN		Company:

Relinquished By:	DATE:	Received By:
	TIME:	
Company: LANGAN		Company:

Laboratory Name & Address: **AmeriSci, NY**

Langan Certifications/ Laboratory Accreditations

LANGAN

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

Langan Engineering And Environmental Services, Inc.
River Drive Center One
619 River Drive
Elmwood Park, NJ 07407

FILE NUMBER: 99-0273
LICENSE NUMBER: 29702
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 06/10/2008
EXPIRATION DATE: 06/30/2009

Duly Authorized Representative – Vijay Patel

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.

Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (4-07)

United States Environmental Protection Agency

This is to certify that

Langan Engineering & Environmental Services, Inc.

619 River Drive Center 1, Elmwood Park, New Jersey 07407

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402(a)(1), 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 May 30, 2009

NY-2233-1

Certification #

JUN - 5 2006

Issued On

Kenneth S. Stoller

Kenneth S. Stoller, P.E., QEP, DEE, Chief

Pesticides & Toxic Substances Branch

TSC
providing TOTAL SAFETY CONSULTING
5 Court Square
Long Island City, NY 11101
718.389.2103 - Fax: 718.389.6155
www.totalsafety.org



NYC DOB 4-HR Supported Scaffold User Certificate

Name: Vijay Patel
Director: Tom Ferrante **Class Date: 06/19/2007**

Exp. Date: 06/19/2011 **Card No. SS07-2653**

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



VIJAY B PATEL
CLASS(EXPIRES)
C ATEC(05/08) D INSP(05/08)
E MGPL(05/08) H PM (05/08)
I PD (05/08)

CERT# 98-12523

MUST BE CARRIED ON ASBESTOS PROJECTS

NYC DEP Asbestos Control Program
Asbestos Certificate



PATEL,
VIJAY B
INVESTIGATOR
103029
EXPIRES: 5/13/2008

Must be carried on all asbestos projects

NYC DEP Asbestos Control Program
Asbestos Certificate



PATEL,
VIJAY B
INVESTIGATOR
110337
EXPIRES: 5/13/2010
DOB: [redacted] M 5' 06"

Must be carried on all asbestos projects

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



VIJAY B PATEL
CLASS(EXPIRES)
C ATEC(05/09) D INSP(05/09)
E MGPL(05/09) H PM (05/09)
I PD (05/09)

CERT# 98-12523
DMV# [redacted]

MUST BE CARRIED ON ASBESTOS PROJECTS

New York
PROJECT DESIGNER



Certified Lead-Based
Paint Professional

Certification No NY-P-2789-1	
Date of Birth	Expiration Date 09/29/2009
Address	
Badge Holder's Name Vijay B. Patel	
Badge Holder's Signature	

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
RISK ASSESSOR



Certified Lead-Based
Paint Professional

Certification No NY-R-2789-1	
Date of Birth	Expiration Date 09/29/2009
Address	
Badge Holder's Name Vijay B. Patel	
Badge Holder's Signature	

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

EYES BLK
HAIR BLK

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 290A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

New York
RISK ASSESSOR



Certified Lead-Based
Paint Professional

New York
INSPECTOR



Certified Lead-Based
Paint Professional

New Jersey Department of
Health & Senior Services
Indoor Environments Program
Lead Certification Permit



SANJAY B PATEL
Permit Number: 017721
ID Number: 006046
Expiration Date: 3/28/2009



Authorization Signature: James A. Buonadies, Director

Inspector/Risk Assessor

NJ Department of Community Affairs
Division of Codes and Standards
Bureau of Code Services



This is to certify that

Sanjay Patel

has been certified as:
Asbestos Safety Technician

Certification #	**01110**
Effective Date	**8/1/2007**
Expiration Date	**7/31/2009**

TSC
providing TOTAL SAFETY CONSULTING
5 Court Square
Long Island City, NY 11101
718.389.2103 - Fax: 718.389.6155
www.totalsafety.org



NYC DOB 4-HR Supported Scaffold User Certificate

Name: Sanjay Patel
Director: Tom Ferrante **Class Date: 06/19/2007**

Exp. Date: 06/19/2011 **Card No. SS07-2672**

NYC DEP Asbestos Control Program
Asbestos Certificate



PATEL,
SANJAYKUMAR B
INVESTIGATOR
108041
EXPIRES: 9/18/2009

Must be carried on all asbestos projects

Certification No NY-I-4643-1	
Date of Birth	Expiration Date 11/20/2009
Address	
Badge Holder's Name	Sanjay B Patel
Badge Holder's Signature	

If found, drop in any mailbox
Postmaster: Please return to:
US EPA
1200 Pennsylvania Ave, NW
(MC-7404OT)
Washington, DC 20460
or call 1-800-424-LEAD

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



SANJAYKUMAR PATEL
CLASS(EXPIRES)
C ATEC(09/08) D INSP(09/08)
H PM (09/08)

CERT# 98-10216

MUST BE CARRIED ON ASBESTOS PROJECTS

THIS CARD IS ISSUEDPURSUANT TO
N.J.S.A. 52:27D-119 ET SEQ OF THE
STATE OF NEW JERSEY

CHIEF
BUREAU OF CODE SERVICES

Certification No NY-R-4643-1	
Date of Birth	Expiration Date 11/20/2009
Address	
Badge Holder's Name	Sanjay B Patel
Badge Holder's Signature	

If found, drop in any mailbox
Postmaster: Please return to:
US EPA
1200 Pennsylvania Ave, NW
(MC-7404OT)
Washington, DC 20460
or call 1-800-424-LEAD

This card in no way certifies or verifies this individuals competency in the safe operation of scaffolds

If found, please contact TSC at (718) 389-2103

EYES BLK
HAIR BLK

IF FOUND RETURN TO:
NYSDOL - L&C UNIT
ROOM 290A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

This certificate must be shown to a NYCDEP representative upon request. Report loss immediately to NYCDEP Asbestos Control Program, 8th floor 59-17 Junction Blvd., Flushing, NY 11373

This PERMIT has been issued in accordance with N.J.A.C. 8:62. You MUST have this PERMIT with you on the job. To report a lost or stolen permit, notify us of edits to information on a permit, report change of address, report defects in card, or to find out how to renew a permit, contact the NJDHSS at:
New Jersey Department of Health & Senior Services
Consumer & Environmental Health Services
Indoor Environments Program, Training and Certification
3635 Quakerbridge Road, PO Box 372
Trenton, NJ 08625-0372
Telephone: (609) 631-6749 Fax: (609)588-7618
www.state.nj.us/health/eoh/leadasb/
If this permit is found abandoned, please send to above address.

DA 5/14/2007

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

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 18 June 2005).

2008-07-01 through 2009-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2006-09-13)

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

2008-07-01 through 2009-06-30
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200546-0

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New York, NY

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AIRBORNE 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 18 June 2005).

2008-07-01 through 2009-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

Sally S. Bruce

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2006-09-13)

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

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM) **NVLAP LAB CODE 200546-0**

NVLAP Code	*Designation / Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

2008-07-01 through 2009-06-30
Effective dates

Sally S. Bruce
For the National Institute of Standards and Technology

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2009
Issued April 01, 2008

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. PAUL MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved subcategories and/or analytes are listed below:

Drinking Water Miscellaneous

Asbestos	EPA 100.1
	EPA 100.2

Serial No.: 36239

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.

Expires 12:01 AM April 01, 2009
Issued April 01, 2008

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

MR. PAUL MUCHA
AMERICA SCIENCE TEAM NEW YORK INC
117 EAST 30TH ST
NEW YORK, NY 10016

NY Lab Id No: 11480
EPA Lab Code: NY01378

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

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ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Asbestos	40 CFR 763 APX A No. III
	YAMATE,AGARWAL GIBB
Fibers	NIOSH 7400 A RULES

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