City of Quincy, Massachusetts
Purchasing Department
1305 Hancock Street
Quincy, MA 02169

Phone: 376-1060
Fax: 376-1074

ADDENDUM NUMBER 4

BID TITLE: **Demolition of old Quincy High School**

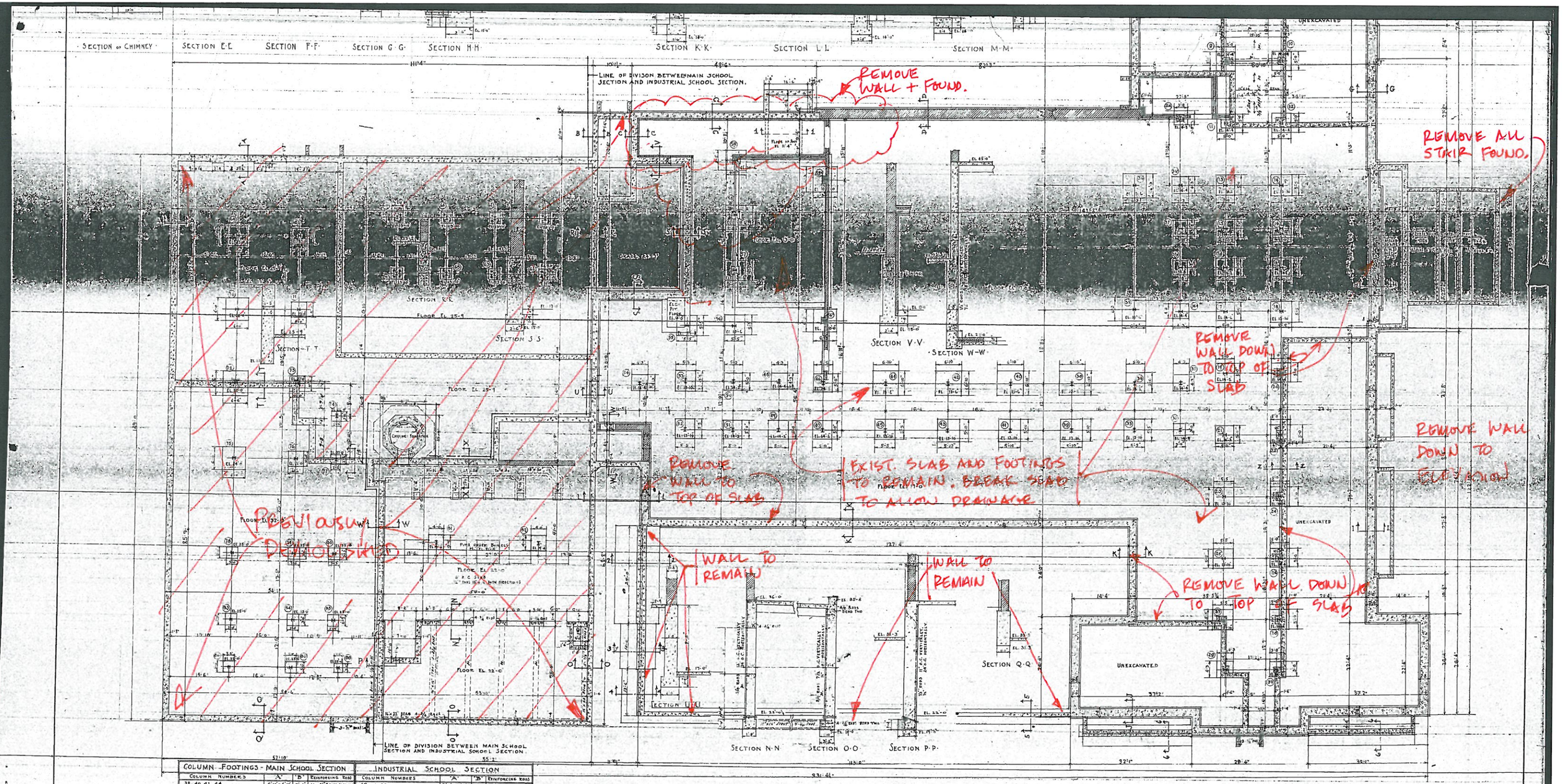
NEW BID DATE DUE: **May 29, 2013 @ 11:30 A.M.**

PLEASE NOTE

Addendum four includes demolition change to foundation and wall structure detailed in attached drawings. Also attached is a modified ACM bid table and drawings as well as original HAZ MAT survey report.

Thank you.

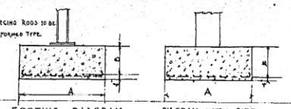
PLEASE REMEMBER TO ACKNOWLEDGE ALL ADDENDUMS ON YOUR BID FORM CONTAINED IN YOUR BID.



COLUMN FOOTINGS - MAIN SCHOOL SECTION			
COLUMN NUMBERS	"A"	"B"	REINFORCING RODS
38, 40, 42, 44.	8'-10 x 8'-10	2'-6"	14-7/8" RODS EACHWAY
35, 36, 36A, 39A.	6'-3" x 6'-3"	2'-0"	11-5/8" " 36.
34, 41, 43, 37, 5.	5'-10" x 5'-10"	2'-2"	11-5/8" " 36.
1-4 . . . 6, 14, 18, 23, 25, 27, 33.	5'-5" x 5'-5"	2'-2"	10-5/8" " 36.
45, 52, 53, 55, 56, 57, 58, 59.	Do.	2'-2"	10-5/8" " 36.
7, 8, 9, 10, 13, 15, 15A, 16, 16A, 17,	5'-0" x 5'-0"	1'-10"	10-5/8" " 36.
19, 21, 30, 46, 47, 48, 50, 51.	Do.	1'-10"	10-3/4" " 36.
11, 12, 20, 22, 24, 26, 28.	Do.	1'-8"	10-5/8" " 36.
29, 32, 35A, 36A, 38, 39.	4'-3" x 4'-3"	1'-8"	8-5/8" " 36.
1; 2, 3A, 3B, 3D, 3J, 3JA.	3'-8" x 3'-8"	1'-4"	7-5/8" " 36.
3L	3'-0" x 3'-0"	1'-4"	5-5/8" " 36.

INDUSTRIAL SCHOOL SECTION				
COLUMN NUMBERS	"A"	"B"	REINFORCING RODS	
69	3'-0" x 3'-0"	1'-10"	10-1/2" RODS EACHWAY	
75, 76.	6'-0" x 6'-0"	2'-6"	17-7/8"	36.
68, 71, 73, 74, 81, 83.	4'-0" x 4'-0"	1'-8"	7-7/8"	36.
78, 79, 80, 82, 84, 85, 87.	3'-3" x 3'-3"	1'-2"	6-7/8"	36.
60 61 62 63 64 65 66 67 86.	2'-9" x 2'-9"	1'-2	6-7/8"	36.
74-77 88.	2'-6" x 2'-6"	1'-2	5-7/8"	36.
72.	6'-6" x 6'-6"	2'-1	18-7/8"	36.
NOTE - ELEVATIONS ON FOOTINGS INDICATE		ELEVATIONS AT BOTTOM		

REINFORCING RODS TO BE OF A DIFFERENT TYPE.



FOOTING DIAGRAM — DIAGRAM WITH PIER.

NOTE - ALL FOOTINGS ARE TO BE CARRIED TO GOOD GRAVEL.
SEE DR. NO. 15 FOR DETAIL SECTIONS NOT SHOWN ON THIS PLAN.

FOUNDATION PLAN

SCALE 1/8" = 1'-0"

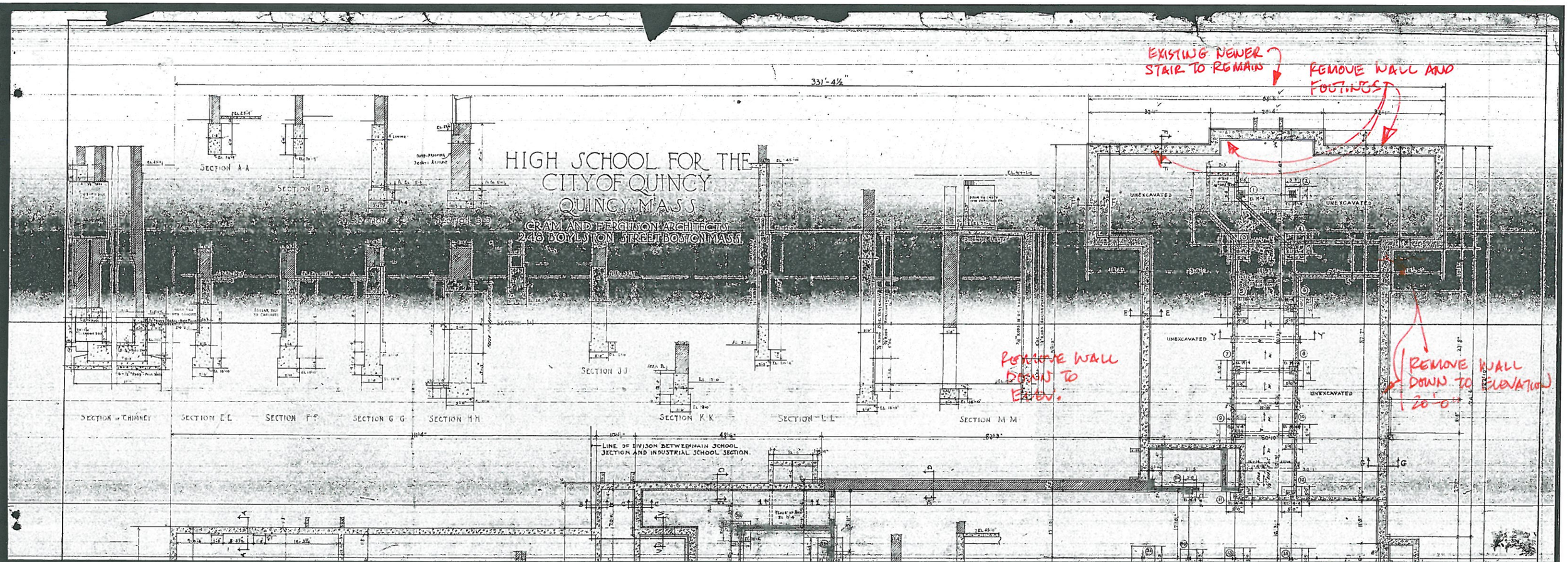
FOUNDATION PLAN

DATE DEC. 29, 1921 — APPROVED BY [illegible]

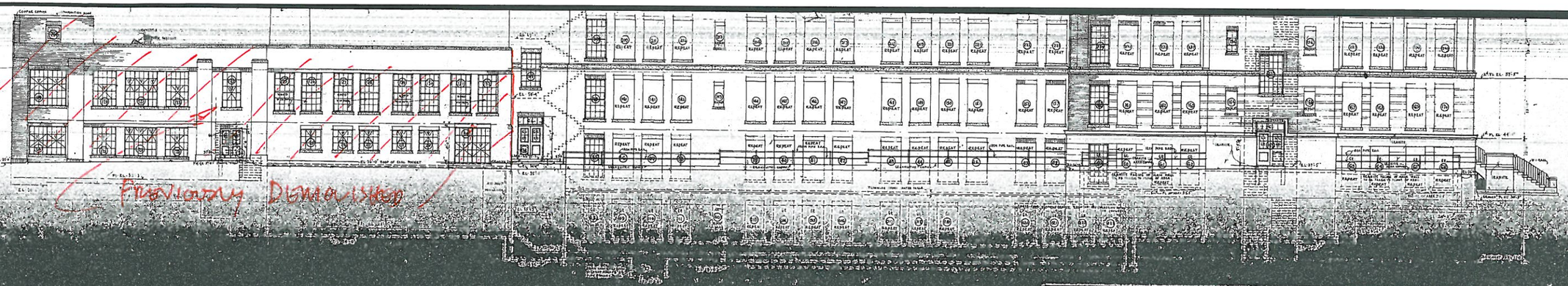
2

2

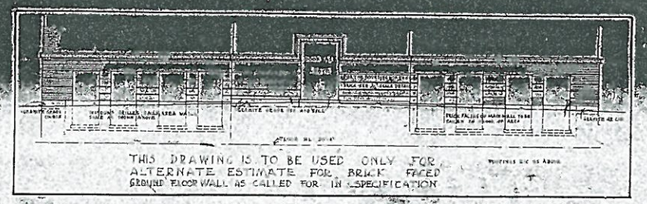
2A

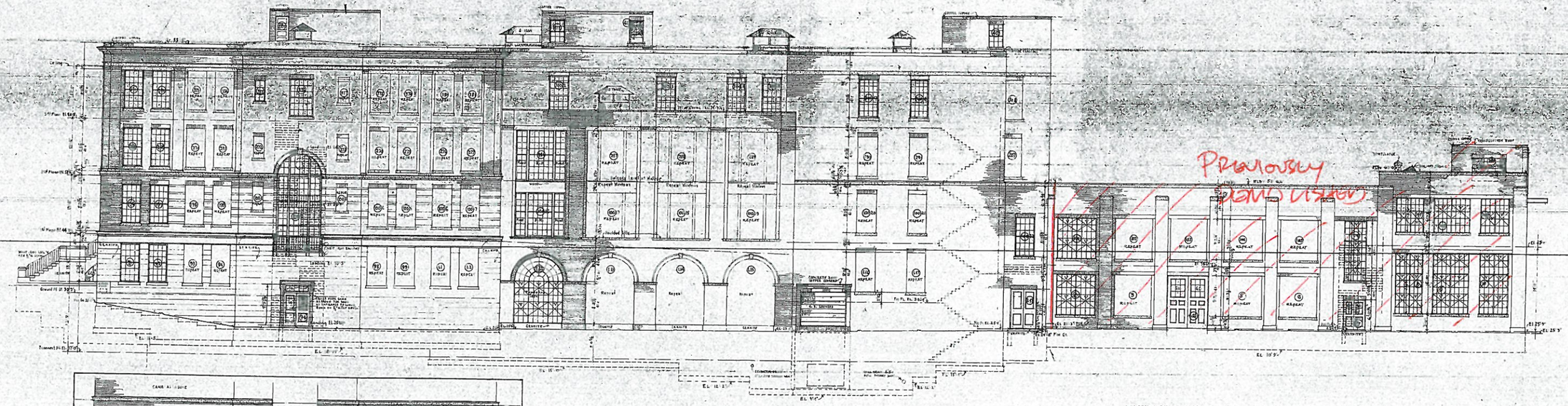

HIGH SCHOOL FOR THE
CITY OF QUINCY
QUINCY, MASS.
CRAM AND FERGUSON ARCHITECTS
248 BOYLSTON STREET BOSTON MASS.
331'-4½"
SECTION A A
SECTION B B
SECTION J J
SECTION K K
SECTION M M
SECTION CHIMNEY
SECTION E E
SECTION F F
SECTION G G
SECTION H H
LINE OF DIVISON BETWEEN MAIN SCHOOL SECTION AND INDUSTRIAL SCHOOL SECTION.
UNEXCAVATED
EXISTING NEWER STAIR TO REMAIN
REMOVE WALL AND FOOTINGS
REMOVE WALL DOWN TO ELEV.
REMOVE WALL DOWN TO ELEVATION 20'-0"

2A

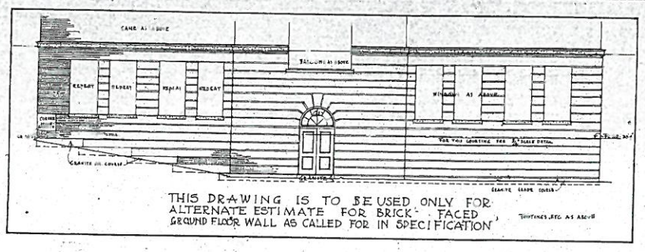


WEST ELEVATION
SCALE 8-1-0





WASHES ON ALL STONE SILLS AS SHOWN ON DETAIL SHEET NO. 14



EAST ELEVATION
SCALE $\frac{1}{8}$"-1'-0"

EAST AND WEST ELEVATIONS

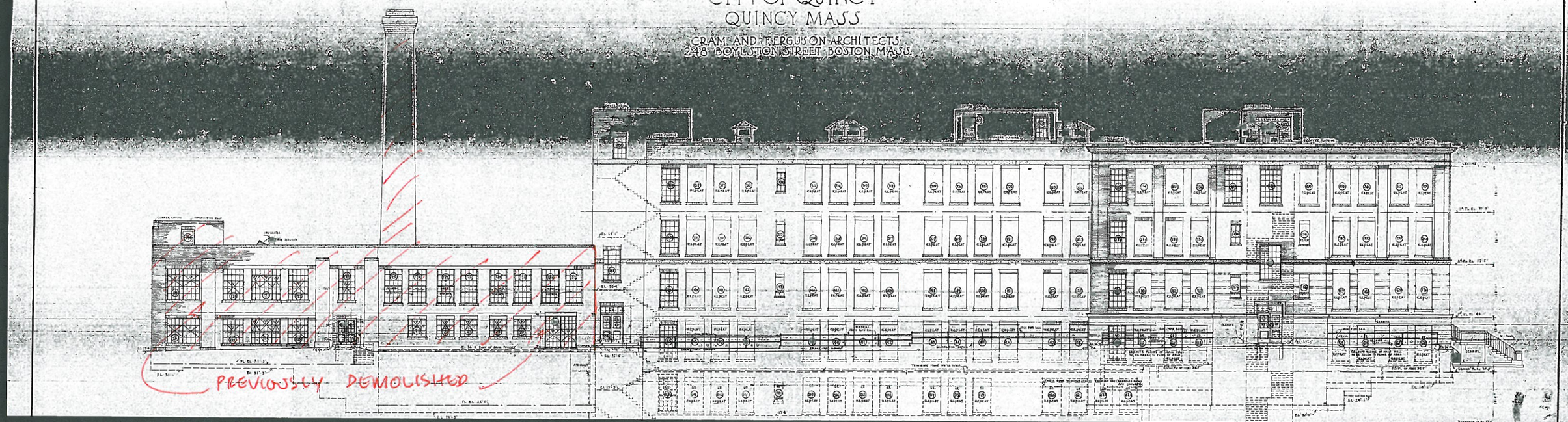
DATE DEC 29 1921 APPROVED BY A.L.P.

10

HIGH SCHOOL FOR THE CITY OF QUINCY

QUINCY MASS

CRAM AND FERGUSON ARCHITECTS
248 BOYLSTON STREET BOSTON MASS.



Edited Base Bid Table*

ASBESTOS ABATEMENT BASE BID TABLE
OLD QUINCY HIGH SCHOOL
52 CODDINGTON STREET
QUINCY, MA 02169

Material	Estimated Quantity
ACM Thermal System Insulation (TSI)	Completed
ACM Thermal System Insulation (TSI) Debris	Completed
ACM Thermal System Insulation (TSI) Residual on Pipes and Valve Packing's	Completed
ACM Floor Tiles and/or Associated ACM Mastics, Including ACM Paper Under Original Hardwood Flooring & ACM Sand-Like Concrete Subfloor Beneath Building Flooring Systems	Completed
ACM Paper Under Original Hardwood Flooring & ACM Sand-Like Concrete Subfloor Beneath Building Flooring Systems (No Top Layer Of Floor Tile & Associated Mastic)	See Edited Drawings S-2.2 A & S-4.2 B
ACM Lab Counters & Associated ACM Glues	Completed
ACM Gray Sink Undercoating	Completed
ACM Fume Hood Cement Panels	Completed
ACM Cement Board Wall Panels	Completed
ACM Cement Board Switch Guards & ACM Box Insulating Panels	12 SF
Sheetrock & ACM Joint Compound	Completed

[1]Includes opening up chases/shafts/walls/soffits to access ACM TSI in some locations.

[2]Includes removing ALL flooring materials down to concrete floor decking, including but not limited to carpeting, wood, and NON ACM flooring materials. Also includes removal of ALL flooring materials from beneath, but not limited to walls, equipment, cabinetry and casework.

Note: The Contractor is responsible for any demolition, removal from site, and proper disposal of non-asbestos materials including, but not limited to plaster, metal studs, casework, ceramic tiles, ceiling tiles and wood flooring that may be required to access asbestos-containing materials to be abated. For example, TSI located inside a bathroom pipe chase would require demolition of ceramic wall tiles to access.

Note: The Contractor shall comply with all OSHA standards for workplace safety and health. During the course of the Work, demolition and removal of building components (e.g., non-load bearing sheetrock walls and wood flooring) may create tripping and fall hazards. The Contractor shall install fall protection systems as required by OSHA Standard 1926.502. These Contractor-installed systems shall remain in place after the completion of Work.

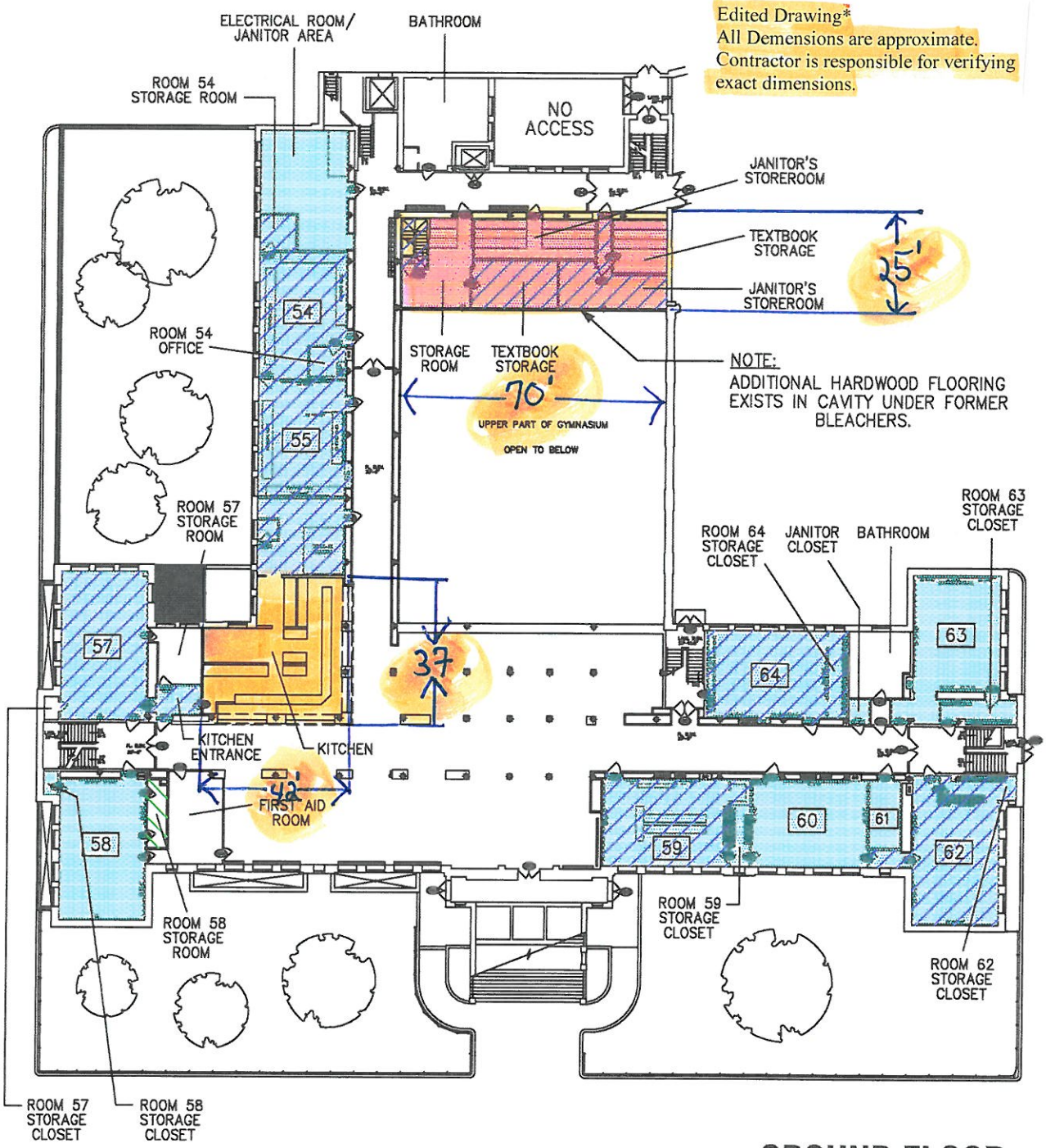
TOTAL LUMP SUM BASE BID PRICE:_____
(Thousands)

BIDDER:_____
(Company/Address)

By:_____ **By:**_____
(Print Name/Title) (Signature)

Date:_____

Edited Drawing*
All Demensions are approximate.
Contractor is responsible for verifying exact dimensions.



GROUND FLOOR

N.T.S.

LEGEND:

ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ~~ALL FLOORING MATERIALS~~] 70'X25' SPACE

ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR in 70'X25' SPACE

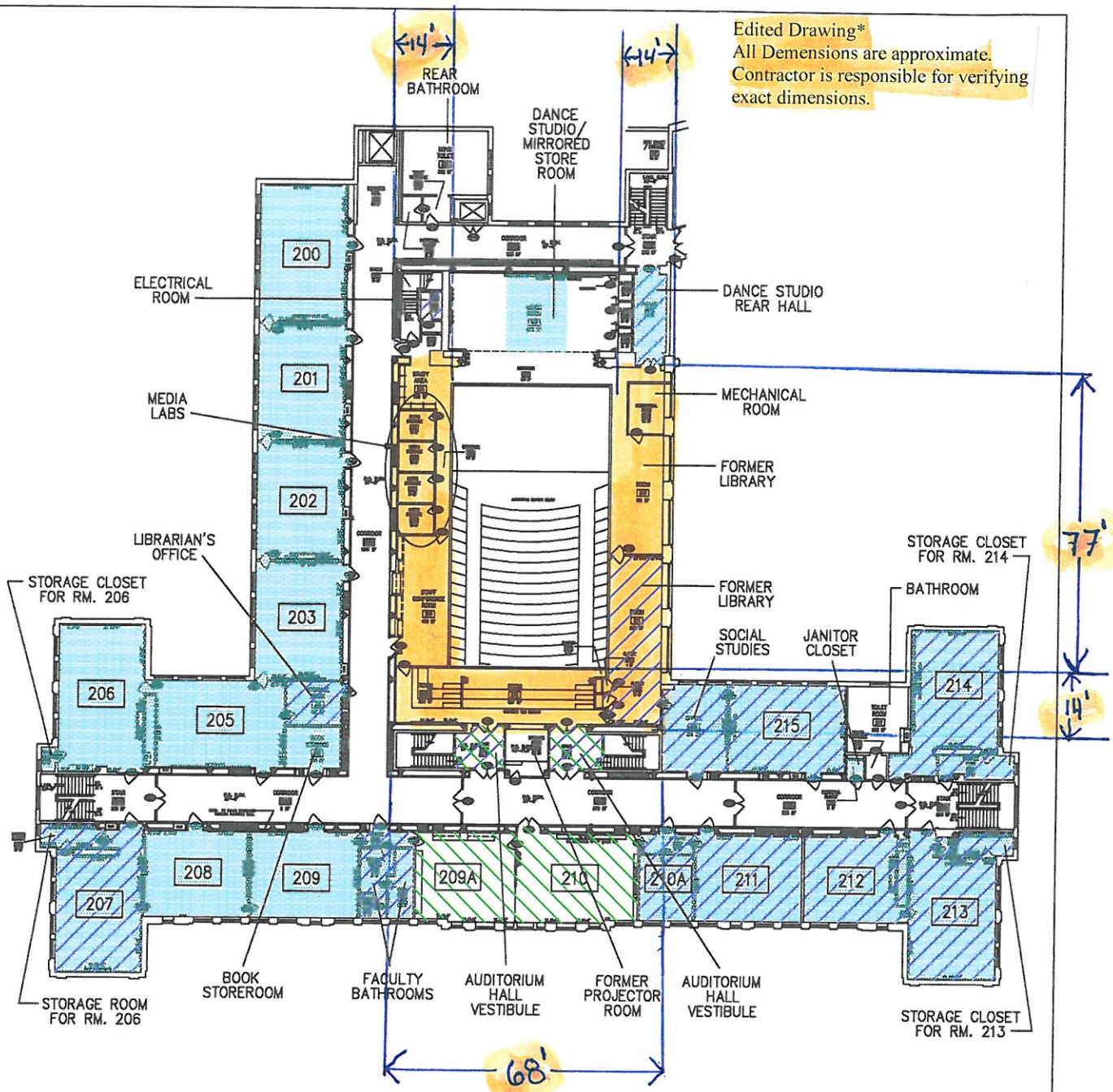
ACM SAND-LIKE CONCRETE SUBFLOOR ~~ONLY~~ BENEATH FLOORING SYSTEM

ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE 9/6/11 S-2.2 A	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRAWN BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169

Edited Drawing*
All Demensions are approximate.
Contractor is responsible for verifying exact dimensions.



SECOND FLOOR

N.T.S.

LEGEND:

ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ALL FLOORING MATERIALS]

ACM SAND-LIKE CONCRETE SUBFLOOR ONLY BENEATH FLOORING SYSTEM

ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
S-4.2 B					

ESIS, Inc. – Health, Safety & Environmental Services
33 Arch Street, Suite 2900
Boston, MA 02110
Phone: 617-737-8996
Fax: 617-737-8971

www.esis.com

Mr. Donald Martin
Public Buildings Department
City of Quincy
1305 Hancock Street
Quincy, MA 02169

September 16, 2011

RE: Hazardous Material Survey Report
Old Quincy High School
65 Coddington Street Quincy, Massachusetts

Dear Mr. Martin:

Enclosed please find the hazardous material survey report for work performed at Old Quincy High School (OQHS), 65 Coddington Street Quincy, Massachusetts. The survey was performed by ESIS on August 22, 2011 through September 14, 2011 and entailed sampling of suspect asbestos-containing building materials, testing for the presence of lead paint, inventorying above-ground hazardous materials and testing caulking/paint for PCB's in exposed and accessible areas within OQHS. Active electrical, mechanical and plumbing units as well as the elevator were not inspected, and suspect hazardous materials within wall cavities, plumbing and mechanical chases, and above plaster and sheetrock ceilings are merely assumed in this survey.

Additionally, ESIS strongly recommends that additional suspect hazardous material investigatory work be conducted in conjunction with any demolition or renovation activities to prevent any accidental impacting of identified or hidden hazardous materials.

Should you have questions regarding the attached documentation, I can be reached directly at 617-737-8996.

Sincerely,
ESIS – Health, Safety & Environmental Services

_____
Bill McBirney, CHMM

Enc: Hazardous Material Survey Report
Old Quincy High School 65 Coddington St., Quincy, Massachusetts

HAZARDOUS MATERIAL SURVEY REPORT

Old Quincy High School
65 Coddington Street
Quincy, Massachusetts 02169

PREPARED FOR:

Mr. Donald Martin
Public Buildings Department
City of Quincy
1305 Hancock Street
Quincy, Massachusetts 02169

PREPARED BY:

ESIS, Inc.- Health, Safety & Environmental Services
33 Arch Street, Suite 2900
Boston, Massachusetts 02110

September 16, 2011

Project No. 1076.728

CITY OF QUINCY PUBLIC BUILDINGS DEPARTMENT

HAZARDOUS MATERIAL SURVEY REPORT

Old Quincy High School
65 Coddington Street
Quincy, Massachusetts 02169

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES
PROJECT NUMBER: 1076.728

INSPECTOR:_____
Bill McBirney, CHMM
MA DOL Inspector #AI000172

INSPECTOR:_____
John Vaz
MA DOL Inspector #AI000270

INSPECTOR:_____
Brian Hanlon
MA DOL Inspector #AI000248

DESIGNER: _____
Tom Moody
MA DOL Project Designer #AD000007

INSPECTION DATE(S): **August 22, 2011 – September 14, 2011**

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A. EXECUTIVE SUMMARY

ESIS, Inc. – Health, Safety & Environmental (ESIS) performed a hazardous materials inspection for suspect asbestos-containing building materials, lead paint, above-ground hazardous materials and performed testing of caulkings/paint for PCB's at the Old Quincy High School building (OQHS) located at 65 Coddington Street in Quincy, Massachusetts. The purpose of the survey was to identify hazardous materials in the building prior to building demolition.

ASBESTOS CONTAINING MATERIALS

The inspection included the assessment and bulk sampling of accessible, suspect asbestos containing materials. Bill McBirney, John Vaz, and Brian Hanlon performed this survey on August 22, 2011 through September 14, 2011. Thomas Moody created the Asbestos Sample Location Drawings and Asbestos Location Drawings. Bill McBirney holds a certification from the State of Massachusetts Department of Labor as an Asbestos Inspector (AI000172), as does John Vaz holds (AI000270) and Brian Hanlon (AI000248). Thomas Moody holds a certification from the State of Massachusetts Department of Labor as an Asbestos Project Designer (AD000007).

The results of the bulk sampling analysis determined that the following materials **contain asbestos**:

Note: Locations of all identified ACM can be found in Section L – Asbestos Location Drawings

BUILDING ROOFS

- Flashing Membrane – Main, Auditorium and Penthouse Roofs
- Light Gray Sealant on Copper Flashing - Main, Auditorium and Penthouse Roofs
- Black Sealant on Copper Flashing - Main, Auditorium and Penthouse Roofs
- Gray Sealant @ Base of Roof Penetrations - Main, Auditorium and Penthouse Roofs
- Black Sealant @ Base of Roof Penetrations - Main, Auditorium and Penthouse Roofs
- Rolled Asphalt and associated Black Sealants on HVAC Units - Auditorium Roof
- Black Coating on HVAC Unit Fiberglass Panels - Auditorium Roof

BUILDING EXTERIOR AND WINDOWS

- Black Window Glazing/Glue @ Plexiglass Windows – Brown Metal Windows throughout Building
- White Window Caulking (Top Layer) & Gray Window Caulking (2nd Layer) – Older Wood Windows Beneath Brown Metal Windows throughout Building
- Gray Window Caulking & White Window Glazing – Older Metal Windows – Building Rear

- White Seam Filler above Windows @ Brick/Stone – Auditorium Roof
- Black Mastic on Brick Foundation Base – Building Rear

Basement

- TSI Pipe Insulation
- TSI Pipe Insulation Debris in Cabinets
- Residual TSI Pipe Insulation on Pipes and Valve Stem Packing
- Sheetrock and Joint Compound
- Cement Board Electrical Mounting Panels

The following rooms were inaccessible during the survey field work:

Gym Storage Rooms in Front Hallway to Gym

Ground Floor

- Floor Tiles and Associated Mastics
- Paper beneath Original Hardwood Flooring
- Sand-like Concrete Sub-floor
- TSI Pipe Insulation
- TSI Pipe Insulation Debris on Acoustical Ceiling Tiles
- Sheetrock and Joint Compound
- Gray Sink Undercoating
- Cement Board Electrical Mounting Panels

1st Floor

- Floor Tiles and Associated Mastics
- Paper beneath Original Hardwood Flooring
- Sand-like Concrete Sub-floor
- TSI Pipe Insulation
- TSI Pipe Insulation Debris in Boy's Room Bathroom Chase
- Sheetrock and Joint Compound
- Gray Sink Undercoating
- Cement Board Electrical Mounting Panels

2nd Floor

- Floor Tiles and Associated Mastics
- Paper beneath Original Hardwood Flooring
- Sand-like Concrete Sub-floor
- TSI Pipe Insulation
- TSI Pipe Insulation Debris in Boy's Room Bathroom Chase
- Sheetrock and Joint Compound
- Lab Counters and Associated Glues

- Cement Board Wall Hole Coverings
- Cement Board Electrical Mounting Panels

3rd Floor

- Floor Tiles and Associated Mastics
- Paper beneath Original Hardwood Flooring
- Sand-like Concrete Sub-floor
- TSI Pipe Insulation
- TSI Pipe Insulation Debris in Boy's Room Bathroom Chase
- Sheetrock and Joint Compound
- Lab Counters and Associated Glues
- Fume Hood Panels
- Cement Board Electrical Mounting Panels

Penthouses

- Cement Board Switch Panel Guards and Box Insulator Panels
- Cement Board Electrical Mounting Panels
- TSI Pipe Insulation in Eaves above 3rd Floor Ceiling

LEAD BASED PAINT

ESIS tested various building components for lead utilizing a handheld XRF unit. John Vaz conducted the sampling between August 22, 2011 and September 14, 2011. In general, the building components that tested positive for lead are identified in the table below. Additional information about testing procedures is provided in Section F. Specific sample locations are listed in Section N.

SUMMARY OF LEAD BASED PAINT
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

COMPONENT	COLOR (S) OF PAINT
Plaster Walls (Note- Includes walls covered in canvas/wallpaper)	White, Blue, Light Blue, Steel Blue, Blue-Green, Baby Blue, Bright Blue, Sky Blue, Slate Blue, Yellow, Light Yellow, Yellow-Green, Beige, Peach, Grey, Light Grey, Dark Grey, Steel Grey, Grey-Blue, Green, Sea Green, Forest Green, Foam Green, Light Green, Pink, Dark Pink, Brown, Light Brown, Greenish Brown, Dark Brown, Teal, Black, Olive, Orange
Brick Walls	White, Light Brown, Beige
Sheetrock/Panel Walls and Doors	White, Purple, Bright Blue, Beige, Pink, Light Green, Forest Green, Black, Grey

SUMMARY OF LEAD BASED PAINT Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
COMPONENT	**COLOR (S) OF PAINT**
Concrete Block Walls	Light Blue, Black, White
Concrete Walls	White, Blue, Grey-Blue, Light Yellow
Metal Doors and Associated Components (Includes Frames, Trims, Jambs)	White, Black, Blue, Dark Blue, Steel Blue, Light Blue, Peach, Light Yellow, Green, Foam Green, Light Green, Forest Green, Sea Green, Grey, Light Grey, Steel Grey, Brown, Light Brown, Dark Brown, Red, Pink, Dark Olive, Beige
Wood Doors and Associated Components (Includes Frames, Trims, Jambs)	White, Beige, Varnished, Yellow, Blue, Light Grey, Peach, Grey, Black
Metal Windows and Associated Components (Includes Frames, Casings, Sills, Sashes)	Brown, Blue, Dark Blue, Light Blue, Bright Blue, Steel Blue, Foam Green, White, Light Grey, Black,
Wood Windows and Associated Components (Includes Frames, Casings, Sills, Sashes)	Brown, Varnished, Blue, Blue-Grey, Bright Blue, White, Black, Light Grey, Light Green, Beige
Plaster Ceilings	Beige, White, Grey, Light Yellow, Light Brown, Light Blue
Concrete Floors	Grey
Wood Floors	Grey, White, Peach
Metal Radiators	Silver, Beige, Grey, Blue, Light Blue, Steel Blue, Sea Green, Forest Green, Light Green, White, Black, Dark Brown, Light Brown
Metal Piping	Blue, Slate Blue, Light Blue, Bright Blue, Blue-Green, Grey, Light Grey, White, Green, Sea Green, Light Green, Forest Green, Foam Green, Light Yellow, Brown, Light Brown, Silver, Beige
Metal Ductwork	Slate Blue, Grey, Light Grey, Forest Green
Wood Crown Molding	White, Light Blue, Baby Blue, Light Yellow, Beige, Foam Green, Light Green
Plaster Crown Molding	Beige
Wood Panels	Brown
Wood Chair Rails	Varnished, White, Light Yellow, Light Grey, Foam Green, Light Green, Blue, Blue-Grey, Bright Blue, Beige
Wood Baseboards	Varnished, White, Light Blue, Bright Blue, Green,

SUMMARY OF LEAD BASED PAINT Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
COMPONENT	**COLOR (S) OF PAINT**
	Foam Green, Brown, Beige, Grey
Wood Blackboard Framing	Varnished
Corkboard	Light Green, Light Blue, Eggshell Blue, Black, Light Grey
Metal Grates on Vents	Brown, White, Peach, Foam Green
Metal Lockers	Grey, Blue, Dark Grey
Metal Electrical Panel	White, Black, Light Yellow, Blue, Grey, Light Grey
Fire Extinguisher Storage Boxes	Red
Metal Fume Hood	Orange, Tan
Panel Blackboard Topper	White, Yellow, Light Blue
Wood Framing	Black, White, Beige, Dark Brown
Metal Support Beams	Burgundy
Plastered Structural Columns	White
Wood Built In Furniture (Includes Cabinets, Shelves)	Varnished, White, Brown, Light Green, Foam Green, Dark Pink, Slate Blue, Blue-Grey
Metal Built In Furniture (Includes Cabinets, Shelves)	Olive, Black, Blue, Lime Green, Orange
Wood Boards/Panels/Backboards	Dark Grey, Foam Green,
Metal Drop Ceiling Supports	Camo Green
Stair Rails	Dark Grey, Black
Metal Stair Risers	Light Blue, White, Black
Metal Stair Treads	White, Black
Metal Stair Stringers	Light Blue, White, Black
Stair Stringers	Light Blue, White Black
Concrete Stair Tread	Grey
Concrete Stair Risers	Grey
Metal Stair Balusters	Light Blue, Black
Metal Stair Newell Post	Black
Metal Stair Newell Post Cap	Black
Metal Stair Gate	Burgundy

OTHER HAZARDOUS MATERIALS (OHM)

ESIS surveyed the site building for other hazardous materials over the course of several visits to the site from August 22, 2011 through September 14, 2011. Hazardous materials identified at the property include fluorescent light bulbs and ballasts, various containerized chemicals, emergency light batteries, fire extinguishers, mercury thermostats and

thermometers, and several motors which may contain oil. A detailed listing of identified materials is provided in Section G.

POLYCHLORINATED BIPHENYLS (PCBs)

ESIS sampled select building materials for PCBs. Mr. Bill McBirney collected twenty samples for laboratory analysis on September 2, 2011. Building materials sampled included exterior caulkings and glazings, and paint. The concentrations of PCBs detected in the samples was well below the action level for PCB Bulk Product Waste of 50 parts per million (ppm). Additional information about PCBs and the materials sampled are included in Sections H and O.

B. FACILITY AND MECHANICAL SYSTEMS DESCRIPTION

OQHS was opened in 1921 and is constructed of steel frame with masonry walls and brick facades. The building consists of three stories above grade, with a ground level below grade and a finished below grade basement area housing a gym, general storage rooms and mechanical rooms. The approximate square footage of OQHS is 160,000 square feet. It should be noted that the current building at the site is only one of three buildings which historically occupied the property. Two of the three buildings were previously demolished.

Flooring materials consist of concrete, terrazzo, floor tile and mastics, linoleum, carpet and ceramic tile, with a sand-like concrete subfloor material on top of concrete. Wall materials consist of concrete, plaster, sheetrock and joint compound, brick, wood, wood paneling, cmu block, and ceramic tile. Ceiling materials consist of concrete, sheetrock and joint compound, plaster, acoustical ceiling tiles and 1x1 spline ceiling tiles.

The building heating system is gas fired steam distributed through radiators located throughout the building perimeter. A large mechanical room, with newer boilers, furnaces, condensate tanks, switchboards and other building MEP system equipment is located in the basement in a large room next to the gymnasium.

C. ASBESTOS FIELD SURVEY PROCEDURES AND SAMPLE ANALYSIS METHODS

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, Doc 560/5-85-024, and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized in accordance with the AHERA methodology of homogenous area (HA) identification. During the survey, a reasonable effort was made to identify accessible locations and types of asbestos containing material. In accordance with

the AHERA protocols, bulk sample collection included multiple samples of the same homogeneous materials, with locations chosen randomly. It is well known that, due to inconsistencies in manufacturer's processes and installation methods, materials of similar construction may contain various amounts of asbestos. Furthermore, some materials that were not originally specified to contain asbestos may in fact contain this mineral. Locating all asbestos materials can only be definitively achieved by conducting exploratory demolition and sampling every section of pipe insulation, fitting or valve covering, fireproofing, and other suspect ACM. The asbestos survey at OQHS included exploratory demolition, when achievable. However, ESIS assumes there to be additional ACM hidden within wall chases/cavities/shafts in OQHS.

Bulk samples of suspect ACM were analyzed using Polarized Light Microscopy (PLM) coupled with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAP). NESHAP is the standard industry protocol for the determination of asbestos in building materials. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The color displays that result are compared to a standardized atlas whereby the specific variety of asbestos is determined. It should also be recognized that PLM is primarily a qualitative identification method whereby asbestos percentage, if any, is estimated. Select joint compound samples were analyzed via EPA 600/R-93/116, quantification using 400 point Count Procedure.

Samples collected by ESIS at OQHS were analyzed at ProScience Analytical, Inc. (ProSci). ProSci is an independent laboratory located at 22 Cummings Park in Woburn, Massachusetts and is accredited under the following programs:

- National Voluntary Laboratory Accreditation Program (Lab Code 101147-0)

Samples collected were each given a specific identification number. This sample number can be cross-referenced with the laboratory analytical report and chain of custody forms found in Section H – Laboratory Analytical Results.

D. ASBESTOS CONTAINING MATERIALS (ACMs)

The exact location where samples were taken during the ESIS inspection can be found in the laboratory chain of custodies in Section K – Laboratory Analytical Results. Where Stop Positive (Not Analyzed) is listed in the following tables, this abbreviation indicates a "Positive Stop" analysis, meaning that a sample in this homogeneous sample group was reported as containing greater than 1% asbestos, and is therefore considered asbestos containing in accordance with Federal, State, and Massachusetts Department of Environmental Protection Regulations. The analytical laboratory was instructed to stop at the first positive result in each homogeneous sample group to reduce analytical costs on the

project. The United States Environmental Protection Agency (US EPA) AHERA regulation (40 CFR Part 763) states that a single sample result reported as greater than 1% asbestos from a homogeneous material group is sufficient to classify that material as an ACM.

Where the laboratory reports a result as less than 1% asbestos, or "Trace" amounts of asbestos, the material can be classified as a "non asbestos containing" material for the purposes of compliance with Federal, State, and Local Regulations.

Where None Detected is listed in the following tables, this abbreviation indicates No Asbestos Detected in the sample of the material submitted for analysis. NAD is listed for samples reported as negative by both the PLM Method.

ASBESTOS CONTAINING MATERIALS (ACMs) TABLE

Based on bulk sample analytical results, the following materials were confirmed **to contain Asbestos.** Locations of all identified ACM can be found in Section L – Asbestos Location Drawings. Pictures of identified asbestos containing materials are provided in Section M.

ASBESTOS CONTAINING MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location	Estimated Quantity
Thermal System Insulation (TSI)[1]	Throughout Building	2,600 LF
Thermal System Insulation (TSI) debris on Ceiling in Room 57	Room 57 / Ground Level	220 SF
Thermal System Insulation (TSI) debris in Cabinets	Storage Room near Gym / Basement	60 SF
Thermal System Insulation (TSI) residual on Pipes and Valve Packing	Fan Unit Room # 2 @ Rear of Basement	50 LF
Thermal System Insulation (TSI) debris in Bathroom Chase behind Ceramic Tiles	Boy's Room / Basement – 3rd Floor	20 SF
Floor Tiles and/or Associated Mastics[2]	Throughout Building	29,909 SF
9"x9" Brown with Brown & White Speck		
9"x9" Light Brown with Brown & White Fleck		
9"x9" Light Brown with Brown & White Speck		
9"x9" Light Brown with Multi-White Speck		
9"x9" Beige with White & Brown Streak		
9"x9" Coffee with Brown & White Speck		

ASBESTOS CONTAINING MATERIALS **Old Quincy High School** **65 Coddington Street** **Quincy, Massachusetts**		
Material	**Location**	**Estimated Quantity**
9"x9" Pink		
9"x9" Maroon		
9"x9" Red Mottled		
9"x9" Red with White & Gray Streak		
9"x9" Red with White & Orange Streak		
9"x9" Peach		
9"x9" Orange with White & Brown Streak		
9"x9" Blue with White Streak		
9"x9" Dark Green		
9"x9" Green with White & Green Streak		
9"x9" Olive		
9"x9" Gray with White & Black Streak		
9"x9" White		
9"x9" White with Gold Streak		
12"x12" Orange Mottled		
12"x12" Yellow with Gold Speck		
12"x12" Lime Mottled		
12"x12" Brown with Brown & White Speck		
12"x12" Beige with Brown & White Fleck		
12"x12" Dark Brown Mottled		
12"x12" Olive Mottled		
12"x12" Black Mottled		
12"x12" Gray Speckled		
Paper under Original Hard Wood Flooring[3] And Sand-Like Concrete Subfloor beneath building flooring systems[3a]	Throughout Building	51,189 SF

ASBESTOS CONTAINING MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location	Estimated Quantity
Lab Counters and Associated Glues[4]	Throughout Building	1,800 SF
Gray Sink Undercoating	Throughout Building	12 SF
Fume Hood Cement Panels	Throughout Building	100 SF
Cement Board Wall Panels[5]	Throughout Building	12 SF
Cement Board Switch Guards and Box Insulating Panels[6]	Throughout Building	12 SF
Cement Board Electrical Mounting Panels[7]	Throughout Building	66 SF
Sheetrock & Joint Compound	Throughout Building	14,176 SF
Black Glazing/Glue on Plexiglass Windows on Brown Metal Windows[8]	Brown Metal Windows – Top Windows	6ea (Apprx 12.5x6.5) 10ea (Apprx 11x11) 293ea (Apprx 9x4.5) 61ea (Apprx 5x2.5)
White (Top Layer) & Gray (2nd Layer) Window Caulking on Older Wood Windows beneath Brown Metal Windows[9]	Old Wood Windows beneath Brown Metal Windows	6ea (Apprx 12.5x6.5) 10ea (Apprx 11x11) 306ea (Apprx 9x4.5) 61ea (Apprx 5x2.5)
White (Top Layer) & Gray (2nd Layer) Window Caulking on Older Wood Door Frames beneath Brown Metal Windows	Old Wood Door Frames beneath Brown Metal Frames	12ea (Apprx 6x8)
Gray Window Caulking & White Window Glazing on Older Metal Windows[10]	Building Windows @ Rear	25ea (Apprx 9x4.5) 4ea (Approx 5x2.5)
White Seam Filler above Windows @ Brick/Stone[11]	Building Exterior @ Auditorium Roof	40 LF
Black Mastic on Brick Foundation Base[12]	Building Exterior @ Rear	45 LF
Flashing Membrane and Light Gray & Black Sealants on Copper Flashing[13]	Main, Auditorium & Penthouse Roofs	2,400 LF

ASBESTOS CONTAINING MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location	Estimated Quantity
Gray & Black Sealants on Base of Roof Penetrations	Main, Auditorium & Penthouse Roofs	348 LF
Rolled Asphalt and Black Sealants on HVAC Unit	Auditorium Roof	96 SF
Black Coating on HVAC Unit Fiberglass Panels[14]	Auditorium Roof	288 SF

[1]ACM TSI on pipes was visually observed and sampled in various rooms throughout OQHS, and also identified in accessible bathroom chases. Material may also be hidden within wall cavities/chases/shafts elsewhere in the building.
[2]ACM Floor tiles and mastic can be both floor tile/mastic, just the floor tile, or the mastic associated with the floor tile. Due to the wide scope of patch-work floor tiles throughout the building, all floor tile/mastic identified in the ACM drawings in Section K of this report are to be treated as ACM along with flooring materials beneath the ACM ft/mastic, such as wood sub-floors.
[3]Original wood flooring in building is exposed in some areas, but is mostly beneath other flooring materials, such as but not limited to ACM ft/mastic, non-ACM ft/mastic, linoleum, carpeting, water-resistant flooring, or other wood floorings. ACM paper is beneath the original hard wood flooring of OQHS.
[3a]ACM sand-like concrete sub-floor can be found beneath most floors of OQHS and in some areas is approximately 2-4" in depth.
[4]ACM glue also on lab counters, casework, cabinets and other table or cabinet-like materials. ACM Lab counters include not only classroom lab counters but also fume hood counters.
[5]ACM cement board wall panels were identified in (2) two locations in OQHS. It appears that these ACM cement board panels were utilized in lieu of traditional plywood or sheetrock to cover up wall access holes.
[6]ACM cement board switch guard and box insulating panels were identified in *Allen Bradley Mfg* electrical boxes in the roof penthouses.
[7]The cement electrical mounting boards in the building were not sampled (due to the components being live) and are assumed to be homogeneous to the ACM lab counters.
[8]Plexiglass windows to be managed as ACM due to ACM black glazing/glue contamination. Additionally, brown window frames contain residual ACM black glazing/glue from plexiglass windows.
[9] Old wood windows are behind the brown metal windows in most areas of OQHS except the roof penthouses.
[10]Windows are at rear of building.
[11]Material identified at Auditorium Roof level windows.
[12]Material identified at rear of building but may be elsewhere at the building base, possibly beneath the sandstone facde.
[13]Linear footage amounts includes the ACM flashing membrane and the copper flashing with ACM light gray & black sealants as one entity.
[14] Fiberglass panels on HVAC Units to be managed as ACM due to ACM black coating contamination

NOTES:

1. ACM TSI Insulation on Pipes was visually identified and sampled throughout OQHS. However, due to the structurally compromised conditions of water damaged ceilings, ESIS was unable to completely access the eaves located above the 3rd floor ceiling and 2nd floor Auditorium foyers. ESIS was able to identify ACM TSI pipe insulation in chases behind ceramic wall tiles in the Boy's room on each floor, in two small chases on either side of the Auditorium Lobby 1st & 2nd floor areas, and identified suspect ACM TSI pipe insulation above plaster ceilings in the girls room on each floor. However, ACM TSI pipe insulation not identified in this report may be present in hidden wall cavities/shafts/chases throughout OQHS. As an example, a large 12"

ACM TSI pipe riser located near the side stairwell next to the gymnasium in the basement appears to transition up into the ground floor cafeteria area through a plaster wall chase/cavity.

2. ACM floor tile and ACM mastic is prevalent throughout the building. In most areas the ACM mastic has contaminated various types of subflooring such as, but not limited to levelers, plywood sheeting and hardwood floors. The ACM floor tile/mastics are also assumed to beneath demising walls in the building, casework and cabinetry, and equipment.
3. An ACM paper has been identified beneath the original hardwood floors of OQHS. In many areas the original hardwood floors are beneath ACM floor tile/mastic, Non ACM floor tile/mastic, an additional layer of newer hardwood flooring, carpeting, levelers and other flooring materials. Additionally, ESIS identified an ACM sand-like concrete subfloor beneath flooring throughout OQHS. This material appears to have been some form of insulating material which was tamped down during building construction, then ACM paper was placed on top of the material followed by the original hardwood floor. This ACM sand-like concrete subfloor is in varying depths.
4. Due to fatiguing plaster ceilings and water-damage, ESIS was unable to invasively investigate ceiling eaves such as the 3rd floor ceiling eaves and 2nd floor ceiling eaves at the entrance to the Auditorium. ESIS visually identified Non ACM Pink Fiberglass and (3) three ACM TSI pipe runs in a condensed area of the 3rd floor eaves beneath a roof penthouse. ACM TSI pipe insulation may be present elsewhere in the eaves of OQHS.
5. ESIS was unable to access (2) two rooms in the basement. Both rooms are on either side of a bathroom in the front hall, and are marked “Phys Ed Storage”.
6. Two large ACM TSI insulated pipes identified in the basement janitor’s room/electrical room transition into the wall toward the direction of the new HS. It appears these pipes may transition beneath the concrete pathway at the side entrance to the School. Additionally, similar (though Non ACM) pipes transition from a decrepit basement bathroom space wall into a large void space (as seen through pipe wall penetrations) in the rear storage areas of the gymnasium in the basement. ESIS could not access this void space.
7. ESIS did not inspect any operational or live equipment during this survey. ACM may be present is equipment such as, but not limited to switchboards (such as the large switchboard in the basement electrical room), generators, compressors, elevator and elevator break system, fan belt motors associated with air handling systems in the penthouses, and electrical transformers.
8. ESIS strongly recommends that City of Quincy personnel or a 3rd party Consultant play an active role in the management of hazardous material removal activities at OQHS. Due to the extensive amount of material identified in this report it is important that an Asbestos Inspector be on hand when any demolition/activities occur in order to prevent any unintentional disturbing of identified or hidden ACM. Additionally, due to obstructions, wall cavities, hidden shafts, etc., all demolition

activities should be conducted with the understanding that additional building materials not identified in this Report may be discovered, and demolition activities should cease until the material has been inspected and if needed, sampled before the material is impacted or removed.

POSSIBLE ASBESTOS CONTAINING MATERIALS NOT INSPECTED

Inaccessible Chases/Shafts/Wall Cavities

ESIS did not inspect hidden/inaccessible chases, shafts or wall cavities in OQHS. ESIS strongly recommends that all hidden chases/shafts/cavities be inspected for ACM in conjunction with any demolition activities.

Old Electrical Wiring/Switches

ESIS observed (as noted in the ACM Table above) ACM switch guards and insulating panels in *Allen Bradley Mfg* electrical boxes in the penthouse area and ACM cement board electrical mounting boards throughout the building. ESIS did not sample old electric wires. Older electrical wires were occasionally sheathed in asbestos cloth. Upon termination of electrical service, ESIS recommends sampling of old electrical wiring for ACM.

Old Electrical Conduit Piping

ESIS did not visually observe any old electrical conduit piping. Older electrical conduit piping was occasionally made with ACM Transite®. If present in OQHS, ESIS recommends sampling of old electrical conduit piping once the electrical wiring has been removed.

Elevators

ESIS did not inspect the elevator or access the elevator control room cage in OQHS. The possibility exists that ACM may present in the shafts, brakes and braking systems, or car of the elevator in OQHS.

Mechanical, Electrical, Plumbing and Other "Operational" Equipment

ESIS did not inspect any operational equipment within OQHS such as transformers, motors, generators, kitchen equipment, or other mechanical equipment. The possibility exists that ACM may be present within operational equipment.

Basement

The storage rooms on either side of the bathroom in the hallway in the basement of OQHS

were locked during the survey and not inspected.

Fall-Out Shelters

Although signs on OQHS indicate the presence of Fall-Out Shelters in OQHS, ESIS did not find any evidence of separate Fall-Out shelter rooms or access doors, and assumes that no such areas exist.

Sub-Surface

This survey did not include any subsurface investigatory work. However, ESIS was shown original blueprint drawings (1921) of OQHS by department personnel, and noted that asphalt coated pylons, described as "triple coated asphalt pylons" were utilized as footings during construction of OQHS. ESIS recommends subsurface investigation work post-demolition of OQHS.

E. NON-ASBESTOS CONTAINING MATERIALS

The exact locations of samples collected by ESIS are listed by sample number in laboratory chain of custody records included in Section J.

Based on bulk sample analytical results, the following materials were confirmed **TO NOT CONTAIN ASBESTOS:**

NON ASBESTOS CONTAINING MATERIALS (ACMs) TABLE

Non-Asbestos Containing Materials Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
Material	**Location**
Checkerboard Linoleum	Auditorium Rear Store Room / 1st Floor; Throughout Building
Tan & Gray Sheet Flooring	Boys & Girls Rooms / 2nd & 3rd Floors; Throughout Building

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
Cork and Cork Subfloors and Associated Mastics	Room 209A / 2nd Floor; Throughout Building
Faux Wood Sheet Flooring	Auditorium Rear Store Room / 2nd Floor; Throughout Building
Black Glue beneath Rubber Floor in Walk-In Freezer	Kitchen / Ground Floor; Throughout Building
Adhesive on Finished Gym Floor Boards	Gym / Basement
12"x12" Dark Blue Mottled Floor Tile and Associated Mastic	Store Room by Rear Stairs / Ground Floor; Throughout Building
12"x12" Light Blue Mottled Floor Tile and Associated Mastic	Extra's Holding Area / 3rd Floor; Throughout Building
12"x12" Red Floor Tile and Associated Mastic	Room 67 / Ground Floor; Throughout Building
12"x12" Blue with Black Dot Floor Tile and Associated Mastic	Room 57 / Ground Floor; Throughout Building
12"x12" Green Mottled Floor Tile and Associated Mastic	Hall next to Room 62 / Ground Floor; Throughout Building
12"x12" Flesh Mottled Floor Tile and Associated Mastic	Room 305 / 3rd Floor; Throughout Building
12"x12" Tan with White & Brown Fleck Floor Tile and Associated Mastic	Room 214 / 2nd Floor; Throughout Building
12"x12" Beige Speckled Floor Tile and Associated Mastic	Room 203A / 2nd Floor; Throughout Building
12"x12" White Mottled Floor Tile and Associated Mastic	Foyer between Rooms 317 & 318 / 3rd Floor; Throughout Building
12"x12" White with Black Streak Floor Tile and Associated Mastic	Room 306 / 3rd Floor; Throughout Building
12"x12" Light Gray Mottled Floor Tile and Associated Mastic	Hall to new Building / 3rd

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
	Floor; Throughout Building
12"x12" Dark Gray Mottled Floor Tile and Associated Mastic	College Counseling Office / 1st Floor; Throughout Building
12"x12" Gray with Black & White Slash Floor Tile and Associated Mastic	Room 55 / Ground Floor; Throughout Building
12"x12" Gray with Black Fleck Floor Tile and Associated Mastic	Room 57 / Ground Floor; Throughout Building
12"x12" Gray Speckled Floor Tile[1]	Room 59 / Ground Floor; Throughout Building
Black Mastic associated with ACM 12"x12" Beige with Brown & White Fleck Floor Tile	Auditorium Store Room / 2nd Floor; Throughout Building
Black Mastic associated with ACM 12"x12" Dark Brown Mottled Floor Tile	Auditorium Rear Store Room / 1st Floor; Throughout Building
Yellow Mastic associated with ACM 12"x12" Yellow with Gold Speck Floor Tile	Room 305 / 3rd Floor; Throughout Building
9"x9" Black Floor Tile and Associated Mastic	Room 312 / 3rd Floor; Throughout Building
9"x9" Dark Brown with Red & White Streak Floor Tile and Associated Mastic	Room 300 / 3rd Floor; Throughout Building
9"x9" Beige with White Streak Floor Tile and Associated Mastic	Room 54 / Ground Floor; Throughout Building
9"x9" Flesh Mottled Floor Tile and Associated Mastic	Room 302 / 3rd Floor; Throughout Building
9"x9" Dark Red Floor Tile and Associated Mastic	Room 64 / Ground Floor; Throughout Building
9"x9" Maroon Mottled Floor Tile and Associated Mastic	Room 313 / 3rd Floor; Throughout Building
9"x9" Bright Orange Floor Tile and Associated Mastic	Room 313 / 3rd Floor; Throughout Building
9"x9" White with Black Dot Floor Tile and Associated Mastic	Room 303 / 3rd Floor; Throughout Building
9"x9" White with Black Speck Floor Tile and Associated Mastic	Room 302 / 3rd Floor; Throughout Building
9"x9" Light Gray with Black Streak Floor Tile and Associated Mastic	Room 54 / Ground Floor; Throughout Building
9"x9" Light Gray Mottled Floor Tile and Associated Mastic	Room 57 / Ground Floor; Throughout Building

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
9"x9" Dark Gray Mottled Floor Tile and Associated Mastic	Room 302 / 3rd Floor; Throughout Building
9"x9" Red Mottled Floor Tile[1]	Room 312 / 3rd Floor; Throughout Building
9"x9" Maroon Floor Tile[1]	Room 300 / 3rd Floor; Throughout Building
9"x9" Red with White & Orange Streak Floor Tile[1]	Room 303 / 3rd Floor; Throughout Building
9"x9" Orange with White & Brown Streak Floor Tile[1]	Room 300 / 3rd Floor; Throughout Building
Yellow Mastic associated with ACM 9"x9" Dark Green Floor Tile	Kitchen Foyer / Ground Floor; Throughout Building
Black Mastic associated with ACM 9"x9" Olive Floor Tile	Cape Cod Room / 1st Floor; Throughout Building
Black Mastic associated with ACM 9"x9" Red with White & Gray Streak Floor Tile	Room 315 / 3rd Floor; Throughout Building
Black Mastic associated with ACM 9"x9" Peach with White & Brown Streak Floor Tile	Room 317 / 3rd Floor; Throughout Building
Black Mastic associated with ACM 9"x9" Brown with Brown & White Speck Floor Tile	Room 300 / 3rd Floor; Throughout Building
Black Mastic associated with ACM 9"x9" Light Brown with Multi-White Speck Floor Tile	Room 310 / 3rd Floor; Throughout Building
1x1 Coral Spline Ceiling Tiles and Associated Glue Daubs 1x1 Pinhole Spline Ceiling Tiles and Associated Glue Daubs 1x1 Pinhole Spline Ceiling Tiles and Associated Glue Daubs	Auditorium Store Room / 2nd Floor; 1st Aid Station / Ground Floor; Hall / Ground Floor; Throughout Building
2x4 and 2x2 Acoustical Ceiling Tiles: - Off-White Crow Feet - Sheetrock - Smooth - White Crow Feet - Dimpled - Pinhole Crow Feet - Small Crow Feet - White Smooth - White	Throughout Building
Brown, Gray, New Black, Old Back, Large Black, Fibrous, Faux Wood Finish Covebase and Associated Adhesives	Throughout Building
Black Adhesive on Wood Molding	Room 59 / Basement
Yellow Carpet Mastic	Auditorium Store Room / 2nd

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
	Floor; Throughout Building
Blue Vinyl Stair Tread and Associated Adhesive; Black Grit Stair Tread and Associated Adhesive	Stairwell / 1st & 3rd Floors; Throughout Building
Red, White & Olive Floor Levelers[2]	Auditorium behind Stage / 1st Floor; Room 300 / 3rd Floor; College Counseling Office; Throughout Building
Paper beneath Newer, Top Layer, Hard Wood Flooring	Room 303 / 3rd Floor; Room 100 / 1st Floor; Throughout Building
Paper beneath Gym Floor	Gym / Basement
Paper on Floor of Fan Duct Unit	Fan Unit Room / Basement
Paper beneath Faux Wood Panel Floor	Auditorium Rear Store Room / 2nd Floor; Throughout Building
Paper beneath ACM 12"x12" Dark Brown Mottled Floor Tile and Associated Mastic[3]	Auditorium Rear Store Room / 2nd Floor; Throughout Building
Canvas Wallpaper/Covering	Nurses Office / 1st Floor; Room 215 / 2nd Floor; Throughout Building
Brown Fibrous Acoustical Wall Board	Auditorium Rear Hall / 2nd Floor; Auditorium Rear Hall behind Stage / 1st Floor; Throughout Building
Brown Wall Board	Room 63 / Basement; Auditorium Rear Hall Storeroom; Throughout Building
Corkboard and Associated Glue	Room 300 / 3rd Floor; Room 200 2nd Floor; Throughout Building
Brown Cork-Style Wall Squares and Associated Glue	Room 203A / 2nd Floor; Throughout Building
Glue beneath Faux Wood Wall Paneling	Kitchen / Ground Floor; Throughout Building

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
1x1 Pinhole Wall Boards	Cape Cod Room / 1st Floor; Throughout Building
Green Layered Paper Wall Panels	Room 306 / 3rd Floor; Throughout Building
Fume Hood Counter Top; Fume Hood White Ceramic Tile and Grout	Room 304 / 3rd Floor; Throughout Building
Black, Pink & White/Orange Sink Undercoating	Faculty Room / 2nd Floor; Room 371A / 3rd Floor; Room 303 / 3rd Floor; Throughout Building
Sink Drip Pad	Room 300 / 3rd Floor; Throughout Building
Black Student Lab Counter[4]	Room 306 / 3rd Floor; Throughout Building
Glue Associated with Gray Countertop	Room 317 / 3rd Floor; Throughout Bulding
Black Pressboard Lab Counter[4]	Room 303 / 3rd Floor; Throughout Building
Chalkboard and Associated Glue	Social Studies / 2nd Floor; Throughout Building
Black Slate-Like Bathroom Stall Dividers	Boy's Room / 2nd & 3rd Floors; Throughout Building
Black Window Sill and Associated Glue	Boy's Room / 2nd & 3rd Floors; Throughout Building
Black Vibration Dampening Cloth	Fan Unit Room / Basement; Extra's holding Room / 3rd Floor; Throughout Building
Brown Gauze Vibration Dampening Cloth	Penthouse Fan Unit / Roof; Throughout Building
Red Fire Stop	Mechanical Room / Basement; Throughout Building
White Penetration Sealant	Electrical Room / 2nd Floor; Throughout Building
Gray HVAC Duct Sealant	Fan Unit Room / Basement; Throughout Building
Black & Tan Mirror Glue	Auditorium Rear Store Room / 2nd Floor;

Non-Asbestos Containing Materials
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Material	Location
	Throughout Building
Fire Blanket	Rooms 300 & 317 / 3rd Floor; Throughout Building
Brown Blown-In Insulation above Plaster Ceiling	Auditorium / 2nd Floor; Throughout Building
White Wool Insulation in Eaves	Above Hall Ceiling / 3rd Floor; Throughout Building
Coarse and Skim Coat Wall, Ceiling, Beam and Column Plasters; Elevator Shaft Plaster; Skim Coat Plaster on Decorative Mouldings Textured Coating on Concrete Wall	Throughout Building Fan Unit Room / Basement; Throughout Building
Sheetrock[5]	Throughout Building
Fire Brick and Associated Mortar	Room 304 / 3rd Floor; Janitor Closet / 2nd Floor; Throughout Building
White Brick and Associated Mortar	Laundry Room / Basement; Throughout Building
Yellow Brick and Associated Mortar	Exterior/Interior; Throughout Building
Sandstone and Associated Mortar	Exterior; Throughout Building
CMU Block and Associated Mortar	Girls Room / 2nd Floor & Basement; Throughout Building
CMU Block Coating	Girls Room / 2nd Floor & Basement; Throughout Building
Ceramic Tile and Associated Grout/Glue	Boys Room / 2nd Floor; Kitchen / Ground Floor; Throughout Building
Tar Gravel Roof, Top Layer; Paper beneath Tar/Gravel, 2nd Layer; Concrete Deck, 3rd Layer	Main & Auditorium Roofs
Tar/paper beneath ACM Flashing Membrane[6]	Main & Auditorium Roofs
Black Rubber Membrane and Associated Sealant on Copper Cornice and at	Main Roof

Non-Asbestos Containing Materials Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
Material	**Location**
Base of New HVAC Stacks	
Yellow Stick Pin Glue on HVAC Fiberglass Panels	Auditorium Roof; Throughout Building
Asphalt Shingles	Auditorium Roof
Brown Window Caulking on Brown Metal Windows	Building Windows
Fiber Paper inside Blue Window Panels @ Brown Metal Windows	Building Windows
Gray Seam Sealant Fiber Paper inside Blue Window Panels @ Brown Metal Windows	Building Windows
Black Rubber Caulking @ Small Brown Metal Windows and Broken Wooden Frame Window	Building Windows
Light Gray Rubber Expansion Caulking @ Foundation/Concrete	Building Exterior
White Rubber Sealant on Metal Flashing Base	Building Exterior
Black Door Frame Caulking	Building Exterior
Horsehair Fibrous Vapor Barrier behind Building Brick	Building Interior/Exterior
Black Rubber Vapor	Building Interior/Exterior
Stairwell Paint on Brick	Rear Hall / 3rd Floor; Front Hall / 1st Floor; Throughout Building
Terazzo Flooring	Throughout
Grey Coating on Concrete Floor	Auditorium – 1st Floor
Insulation Debris on Pipes in Floor Chase	Basement
Pink Blown-in Insulation	Penthouse Eaves

[1]Floor tile to be managed as ACM due to ACM black mastic contamination.
[2]Levelers to be managed as ACM due to ACM FT mastic contamination
[3]Paper to be managed as ACM due to ACM dark brown mottled floor tile mastic contamination.
[4]Lab counters to be managed as ACM due to ACM glue contamination.
[5] Sheetrock to be managed as ACM due to ACM joint compound contamination.
[6]Tar paper to be managed as ACM due to ACM flashing membrane contamination.

F. LEAD BASED PAINT AND SAMPLE PROCEDURES

ESIS utilized a Portable X-Ray Fluorescence Analyzer (XRF) to perform the lead-based paint survey. The XRF is a hand held instrument that contains a radioisotopic source and operates on the principle of X-ray fluorescence. The depression of a spring-loaded button on the XRF unit opens a

shutter in the face-plate that allows radiation from an isotopic source to stimulate the lead atoms in the paint. This stimulation causes the atoms to emit (fluoresce) X-rays, which the unit detects and converts into electrical pulses. These pulses are then sorted and counted by an analyzer in the instrument. The result of this analysis is read through a digital display window located on the topside of the instrument.

Surface levels of lead are measured in units of milligrams per square centimeter (mg/cm2). The XRF used in this survey, the RMD LPA-1, is able to detect as little as 0.1 mg of lead/cm2. OSHA classifies any substance with a detectable amount of lead to be a "lead-containing" material. In older buildings, the lead-bearing part of the paint may often be hidden under numerous layers of lead-free paint. The RMD LPA-1 is a complete lead paint analysis system that quickly, accurately, and non-destructively measures the concentration of LBP on surfaces. The time period for conclusive measurements is typically between 1 to 5 seconds, but can extend to a measurement of 60 seconds.

XRF Testing Procedures

Upon arrival at the job site, a "validation test" is performed to ensure that the XRF instrument is operating properly. The validation test is performed on a calibration test sheet supplied by the manufacturer to determine if the instrument is measuring the lead content consistently on a day to day basis. During this survey the instrument was functioning within the standard deviation as defined by the manufacturer.

The basic technique for increasing the precision and reducing the variability of XRF readings is to take repeated measurements at the same point. Statistical theory demonstrates that the variability of the average of a set of measurements is less than the variability of an individual measurement. The greater the number of repeated measurements, the greater the reduction in variability.

The federal Department of Housing and Urban Development (HUD) Guidelines recommend that XRF operators take multiple readings at each sampled point to ensure that the variability of a single measurement is not greater than 0.3 mg/cm2 when using a spectrum analyzer. The XRF readings will generally be different, not due to operator error or problems with the instrument, but because of the natural variability of XRF measurements.

In conducting the LBP survey at the site, representative tests were conducted on homogeneous (similar color, texture, and use) painted surfaces. Analysis results from these surfaces were applied to other surfaces possessing identical homogeneous characteristics. By following this sampling protocol, every painted surface did not have to be sampled.

Standards and Regulations

The OSHA regulation 1926.354 “Welding, Cutting and Heating in Way of Preservative Coating” requires the removal of hazardous coatings prior to torch cutting.

The OSHA regulation 29 CFR 1926.62 applies to situations involving lead paint disturbance in structures not used as a residence by children under six years of age. A synopsis of the significant components of these regulations is as follows:

The EPA national Ambient Air Quality Standard NAAQS for Lead and Particulate Matter establishes a limit of lead in air of 1.5 ug/m3 averaged over a 90 day period. (40 CFR 50.12). For projects of shorter duration, it is recommended that an air sampling strategy as described in the SSPC Guide 6 "Containing Debris Generated During Paint Removal Operations" be implemented to protect the general public and adjacent sensitive receptors.

The EPA under the Resource Conservation and Recovery Act (RCRA) has promulgated regulations for the disposal of construction debris contaminated with lead-based paint. Construction waste containing lead-coated materials is considered hazardous waste under the EPA RCRA regulations if toxicity characteristic leaching procedure (TCLP) analytical results are greater than 5 milligrams per liter (mg/l). Representative samples of the waste stream that include materials coated with lead-based paint must be collected and analyzed to determine disposal requirements.

Results

ESIS inspected representative areas of all homogenous painted surfaces in the areas surveyed. In general, measurable amounts of lead (0.1 mg/cm2 or greater) were positively identified on those surfaces listed below (for specific locations of all components, refer to Section N):

SUMMARY OF LEAD BASED PAINT
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

COMPONENT	COLOR (S) OF PAINT
Plaster Walls (Note- Includes walls covered in canvas/wallpaper)	White, Blue, Light Blue, Steel Blue, Blue-Green, Baby Blue, Bright Blue, Sky Blue, Slate Blue, Yellow, Light Yellow, Yellow-Green, Beige, Peach, Grey, Light Grey, Dark Grey, Steel Grey, Grey-Blue, Green, Sea Green, Forest Green, Foam Green, Light Green, Pink, Dark Pink, Brown, Light Brown, Greenish Brown, Dark Brown, Teal, Black, Olive, Orange
Brick Walls	White, Light Brown, Beige
Sheetrock/Panel Walls and Doors	White, Purple, Bright Blue, Beige, Pink, Light Green, Forest Green, Black, Grey
Concrete Block Walls	Light Blue, Black, White
Concrete Walls	White, Blue, Grey-Blue, Light Yellow
Metal Doors and Associated Components (Includes Frames, Trims, Jambs)	White, Black, Blue, Dark Blue, Steel Blue, Light Blue, Peach, Light Yellow, Green, Foam Green, Light Green, Forest Green, Sea Green, Grey, Light Grey, Steel Grey, Brown, Light Brown, Dark Brown, Red, Pink, Dark

SUMMARY OF LEAD BASED PAINT Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
COMPONENT	**COLOR (S) OF PAINT**
	Olive, Beige
Wood Doors and Associated Components (Includes Frames, Trims, Jambs)	White, Beige, Varnished, Yellow, Blue, Light Grey, Peach, Grey, Black
Metal Windows and Associated Components (Includes Frames, Casings, Sills, Sashes)	Brown, Blue, Dark Blue, Light Blue, Bright Blue, Steel Blue, Foam Green, White, Light Grey, Black,
Wood Windows and Associated Components (Includes Frames, Casings, Sills, Sashes)	Brown, Varnished, Blue, Blue-Grey, Bright Blue, White, Black, Light Grey, Light Green, Beige
Plaster Ceilings	Beige, White, Grey, Light Yellow, Light Brown, Light Blue
Concrete Floors	Grey
Wood Floors	Grey, White, Peach
Metal Radiators	Silver, Beige, Grey, Blue, Light Blue, Steel Blue, Sea Green, Forest Green, Light Green, White, Black, Dark Brown, Light Brown
Metal Piping	Blue, Slate Blue, Light Blue, Bright Blue, Blue-Green, Grey, Light Grey, White, Green, Sea Green, Light Green, Forest Green, Foam Green, Light Yellow, Brown, Light Brown, Silver, Beige
Metal Ductwork	Slate Blue, Grey, Light Grey, Forest Green
Wood Crown Molding	White, Light Blue, Baby Blue, Light Yellow, Beige, Foam Green, Light Green
Plaster Crown Molding	Beige
Wood Panels	Brown
Wood Chair Rails	Varnished, White, Light Yellow, Light Grey, Foam Green, Light Green, Blue, Blue-Grey, Bright Blue, Beige
Wood Baseboards	Varnished, White, Light Blue, Bright Blue, Green, Foam Green, Brown, Beige, Grey
Wood Blackboard Framing	Varnished
Corkboard	Light Green, Light Blue, Eggshell Blue, Black, Light Grey
Metal Grates on Vents	Brown, White, Peach, Foam Green
Metal Lockers	Grey, Blue, Dark Grey

SUMMARY OF LEAD BASED PAINT Old Quincy High School 65 Coddington Street Quincy, Massachusetts	
COMPONENT	**COLOR (S) OF PAINT**
Metal Electrical Panel	White, Black, Light Yellow, Blue, Grey, Light Grey
Fire Extinguisher Storage Boxes	Red
Metal Fume Hood	Orange, Tan
Panel Blackboard Topper	White, Yellow, Light Blue
Wood Framing	Black, White, Beige, Dark Brown
Metal Support Beams	Burgundy
Plastered Structural Columns	White
Wood Built In Furniture (Includes Cabinets, Shelves)	Varnished, White, Brown, Light Green, Foam Green, Dark Pink, Slate Blue, Blue-Grey
Metal Built In Furniture (Includes Cabinets, Shelves)	Olive, Black, Blue, Lime Green, Orange
Wood Boards/Panels/Backboards	Dark Grey, Foam Green,
Metal Drop Ceiling Supports	Camo Green
Stair Rails	Dark Grey, Black
Metal Stair Risers	Light Blue, White, Black
Metal Stair Treads	White, Black
Metal Stair Stringers	Light Blue, White, Black
Stair Stringers	Light Blue, White Black
Concrete Stair Tread	Grey
Concrete Stair Risers	Grey
Metal Stair Balusters	Light Blue, Black
Metal Stair Newell Post	Black
Metal Stair Newell Post Cap	Black
Metal Stair Gate	Burgundy

Recommendations

For purposes of renovation work or any other work that may impact lead-based paint, lead-based paint is defined as any paint containing detectable amounts of lead. Contractors should be made aware of the presence of lead-based paint so that they can properly protect their workers, address the testing and disposal of this material (as required), and properly comply with all applicable regulations. Specifically, Contractors are required to comply with all applicable OSHA regulations including 29 CFR 1926.62, "Lead Exposure in Construction: Interim Final Rule" and 29 CFR 1926.59, "Hazard Communication for the Construction Industry". Also, the receiving or disposal facilities may require specific testing results before disposal of the waste.

G. OTHER ABOVE GROUND HAZARDOUS MATERIALS

ESIS performed a visual assessment of other hazardous materials located at the property. These materials included:

- Mercury Vapor Fluorescent Light Tubes
- Light Fixture Ballasts
- Mercury Thermostats & Thermometers
- Emergency Lighting (Lead-Acid / Ni-Cad/ Lithium Batteries)
- Smoke Detectors
- Fire Extinguishers
- AC and Refrigeration Units
- Equipment Motors
- Containerized Chemicals
- Above ground Vats, Tanks, Vessels

The following tables shows the various hazardous materials discovered during the visual assessment of materials:

FLUORESCENT LIGHTS (BULBS/BALLASTS)
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Bulb Size	Number Of Bulbs	Number Of Ballasts
1-foot	199	91
2-foot	388	170
Classroom 4-foot	959	201
Traditional 4-foot	1,677	542

OTHER HAZARDOUS MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Description	Size	Quantity
Aerosols	16oz	14
Bleach	1lb	3

OTHER HAZARDOUS MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Description	Size	Quantity
Roofing Tar	5gal; 1gal	6 2
Disinfectants	1qt	4
Paint Related Materials	5gal; 1gal; 1qt	18 20 16
Specimens in Preservative	5gal; 1qt	9 2
Floor Finish	5gal	9
Acetic Acid	1gal	1
Denatured Alcohol	1gal	1
Paint Thinner	1gal	1
Off-Set Blanket Wash	1gal	3
Methanol	1gal	1
Carpet Shampoo	1gal	2
Oil	5gal; 55gal	6 5
Diethanolamine	5gal	3
Propane Tank	Barbeque	1
Propane Tank	Medium Cylinder	2
Large Lead Acid Batteries	N/A	4
Emergency Light Batteries (Interior/Exterior)	N/A	17
Fire Extinguishers	N/A	26
Mercury Thermostats	N/A	13
Mercury Thermometer	N/A	4
Smoke Detectors	N/A	79
Compressor with possible Oil	N/A	1
Generator with possible Oil	N/A	1
Door Arms with possible Oil Reservoirs	N/A	200

OTHER HAZARDOUS MATERIALS Old Quincy High School 65 Coddington Street Quincy, Massachusetts		
Description	**Size**	**Quantity**
Air Handler Motors @ Penthouse with possible Oil Reservoirs	N/A	2
Air Conditioners – Wall Sized	N/A	2
Air Conditioners – Large Sized @ Exterior Cage behind Kitchen	N/A	3
Refrigerators	N/A	6
Computers/Monitors	N/A	4
Televisions	N/A	3
Oil/Water Separating/Storage Unit Tank	N/A	1
Small Dry Cell Batteries (Fire Alarms, Emergency Lights, etc.)	N/A	56
Wall Mounted Clock Batteries	N/A	36
Pad Mounted Transformer	N/A	2
Electrical Switchboards	Large	3
Old Intercom System Console	N/A	1
Miscellaneous Oil Containing Motors	N/A	6

Note: Equipment that may be reutilized elsewhere, such as Kitchen Freezers, Ovens, Heating Tray Units, etc. were not included as part of this Survey.

Recommendations

PCB Ballast:

Any unlabelled ballasts discovered should be assumed to contain PCB's. They should be removed and placed into 55-gallon steel drums (17C or 1710 or other DOT-approved container appropriately labeled in accordance with 310 CMR 30, EPA and DOT regulations. The ballast within fluorescent light fixtures should be disassembled and collected in a manner that leaves the ballast units intact.

When removing ballasts, wear protective gear and dispose of it along with the ballasts. Be careful not to drop any ballasts, possibly causing them to leak. Ballast disposal workers must be provided with special education about hazardous waste handling, and a materials data safety sheet must be available at the site. When moving non-leaking ballasts within a building, a cardboard box can be used. Do not overload the boxes and risk dropping the ballasts and causing a potential PCB leak. If

more than one pound of PCBs (the amount contained in 12-16 ballasts) is spilled, it must be reported to the EPA National Response Center and cleaned up according to EPA procedures. A typical 55-gallon drum will hold 150-300 ballasts from four foot fixtures or 60-100 ballasts from eight foot fixtures and will weigh 600-1000 pounds. For exact packing instructions, contact the disposal facility that you plan to ship the ballasts to. Non-leaking ballasts must be disposed of within one year of being removed from the fixture.

Fluorescent Light Tubes:

Used lamps should remain intact (unbroken) and should be placed carefully into cardboard containers designed to hold lamps (preferably obtained from the manufacturer or lamp recycling facility) according to USEPA' Universal Waste Rule 40 CFR Protection of Environment, Chapter 1, Subchapter 1, Solid Wastes, Part 273, Subpart A and Connecticut Department of Environmental Protection, "Universal Wastes Rule in Connecticut."

The contractor should HEPA vacuum and thoroughly decontaminate any areas where lamps are accidentally broken.

Other Miscellaneous Hazardous Materials

All other materials identified should be disposed of in accordance with all local, state and federal regulations governing hazardous materials, hazardous waste, and universal waste.

H. POLYCHLORINATED BIPHENYLS AND SAMPLE PROCEDURE

Polychlorinated Biphenyls were historically used in building components and oils prior to 1978. Building materials which could potentially contain PCBs include caulking and sealants, and some paints.

ESIS sampled select building materials for PCB content. Samples were submitted to ESS Laboratories – A division of Thielsch Engineering, Inc. (ESS) in Cranston, Rhode Island. PCB samples were analyzed utilizing the EPA 8082A Method. A summary of PCB sampling results are provided in the table below. Laboratory analytical reports are available in Section O.

Per 40 CFR 761, PCB-containing wastes are defined as wastes containing PCB concentrations greater than 50 ppm. Based on the analytical results, the following materials sampled at OQHS were confirmed to contain a level either no PCBs or a concentration of PCBs less than the action level of 50 ppm.

SUMMARY OF PCB SAMPLING RESULTS Old Quincy High School 65 Coddington Street Quincy, Massachusetts		
MATERIAL	**LOCATION**	**CONCENTRATION (PPM)**
Brown Window Caulking on Brown Metal Window	Exterior Windows	None Detected
Black Glazing on Plexiglass in Brown Metal Windows	Exterior Windows	None Detected
Grey Window Caulking on Grey Metal Windows	Exterior Windows	0.393 - 0.494
White Window Glazing on Grey Metal Windows	Exterior Windows	None Detected
White Window Caulking, Top Layer, Old Wood Windows	Exterior Windows	0-2.84
Grey Window Caulking, 2nd Layer, Old Wood Windows	Exterior Windows	0.395-2.34
Black Rubber Caulking @ Wood Framed Broken Window	Exterior Windows	3.07
White Seam Filler above Window @ Stone/Brick	Exterior Windows	0.101
Grey Rubber Expansion Caulking @ Foundation/Foncrete	Building Foundation	None Detected
Black Mastic on Brick Foundation	Building Foundation	None Detected
White Rubber Sealant on Metal Flashing at Foundation	Building Foundation	None Detected
Blue Paint	Stairwell	None Detected
White Paint	Stairwell	3.39
Tan Paint	Stairwell	None Detected

I. REMARKS

If future demolition/renovation plans require disturbance of asbestos containing materials, ESIS recommends that, prior to commencing construction activities, the services of a licensed asbestos abatement contractor be retained to remove and dispose of the asbestos containing materials in accordance with all applicable city, state, and federal regulations. ESIS also recommends that the City of Quincy Public Buildings Department or an Asbestos Consultant manage all Asbestos-related activities at Building OQHS. ESIS also recommends that since many building

materials are obscured by duct systems, walls, shafts and other building structural items, an Asbestos Consultant periodically inspect areas of the building during demolition activities to inspect any hidden potential suspect ACM.

All locations and quantities of ACM identified in this report are estimates only and subject to verification by any asbestos abatement contractors prior to proposal submittal or abatement.

J. LIMITATIONS

No destructive sampling was conducted during the course of this survey. Asbestos containing materials may be present in areas of difficult access (such as pipelines within wall cavities). If construction or renovation is to occur in the building, it is recommended that work be stopped if previously unidentified suspect materials are encountered. In such a situation, ESIS would recommend not resuming any construction activity until sampling and analysis of the suspect materials by certified personnel proves otherwise.

ESIS inspected and sampled materials which were exposed and accessible to the survey team. It is possible that additional suspect ACM may exist within interstitial spaces (above suspended ceilings, behind perimeter and spandrel beams, mechanical and utility shafts, column enclosures) that were hidden from view. Any materials that have not been sampled and analyzed should be assumed to contain asbestos until sampling and analysis by certified personnel proves otherwise.

The conclusions presented in this report are professional opinions based on the indicated data described in this report. They are intended only for the project location described in the report, and those accessible locations within the project location. This investigation and its conclusions are limited in nature to the scope of work described in this report. Unless otherwise specified, in writing, this investigation was not intended to be a definitive study of all asbestos containing materials throughout the project location. Asbestos containing materials may exist in locations not physically accessible for inspection, or specifically excluded from our scope of work for this project.

Opinions and recommendations presented herein may apply to the property conditions existing at the time of our inspection and those reasonably foreseeable. They do not necessarily apply to property changes of which ESIS was not aware of at the time of our inspection and did not have the opportunity to evaluate. Changes in property and building component conditions may occur over time due to natural causes or renovation activities. Changes to current governing regulations and standards may also occur that can potentially invalidate these findings and recommendations. Accordingly, the findings and recommendations of this report

may be invalidated, wholly or in part, by changes beyond our control. Under no circumstances shall this document be used for the purposes of securing abatement cost estimates, as this survey report is not a specification for the removal of asbestos containing materials.

Opinions and judgments expressed herein, which are based on our understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

This report is intended for use by the Client named herein, and shall not be used by any other person, entity or third party without the express written authorization from ESIS, Inc.

K. ASBESTOS LABORATORY ANALYTICAL REPORTS

Asbestos PLM Bulk Sample Analysis Results Old Quincy High School Quincy, Massachusetts			
Sample ID	**Description**	**Location**	**Asbestos Concentration**
082211-148-1A	12"X12" Dark Blue Mottled Floor Tile	Janitor Storeroom By Rear Stairs / Ground Floor	None Detected
082211-148-1B	12"X12" Dark Blue Mottled Floor Tile	Janitor Storeroom By Rear Stairs / Ground Floor	None Detected
082211-148-2A	Mastic associated with 1A	Janitor Storeroom By Rear Stairs / Ground Floor	None Detected
082211-148-2B	Mastic associated with 1B	Janitor Storeroom By Rear Stairs / Ground Floor	None Detected
082211-148-3A	12"X12" Red Floor Tile	Room 64 / Ground Floor	None Detected
082211-148-3B	12"X12" Red Floor Tile	Room 64 / Ground Floor	None Detected
082211-148-4A	Mastic associated with 3A	Room 64 / Ground Floor	None Detected
082211-148-4B	Mastic associated with 3B	Room 64 / Ground Floor	None Detected
082211-148-5A	**12"X12" Olive Mottled Floor Tile**	**Room 62 / Ground Floor**	**3% Chrysotile**
082211-148-5B	**12"X12" Olive Mottled Floor Tile**	**Room 62 / Ground Floor**	**Sample Not Analyzed**
082211-148-6A	**Mastic associated with 5A**	**Room 62 / Ground Floor**	**3% Chrysotile**
082211-148-6B	**Mastic associated with 5B**	**Room 62 / Ground Floor**	**Sample Not Analyzed**
082211-148-7A	12"X12" Blue with Black Dot Floor Tile	Room 57 / Ground Floor	None Detected
082211-148-7B	12"X12" Blue with Black Dot Floor Tile	Room 57 / Ground Floor	None Detected
082211-148-8A	Mastic associated with 7A	Room 57 / Ground Floor	None Detected
082211-148-8B	Mastic associated with 7B	Room 57 / Ground Floor	None Detected
082211-148-9A	12"X12" Green Mottled Floor Tile	Hall next to Room 62 / Ground Floor	None Detected
082211-148-9B	12"X12" Green Mottled Floor Tile	Hall next to Room 62 / Ground Floor	None Detected

Asbestos PLM Bulk Sample Analysis Results
Old Quincy High School
Quincy, Massachusetts

Sample ID	Description	Location	Asbestos Concentration
082211-148-10A	Mastic associated with 9A	Hall next to Room 62 / Ground Floor	None Detected
082211-148-10B	Mastic associated with 9B	Hall next to Room 62 / Ground Floor	None Detected
082211-148-11A	**12"X12" Dark Brown Mottled Floor Tile**	**Mirrored Store Room behind Auditorium Stage / 1st Floor**	**5% Chrysotile**
082211-148-11B	**12"X12" Dark Brown Mottled Floor Tile beneath Checkerboard Linoleum**	**Store Room behind Auditorium Stage / 1st Floor**	**Sample Not Analyzed**
082211-148-12A	Mastic associated with 11A	Mirrored Store Room behind Auditorium Stage / 1st Floor	None Detected
082211-148-12B	Mastic associated with 11B	Store Room behind Auditorium Stage / 1st Floor	None Detected
082211-148-13A	**12"X12" Black Floor Tile**	**Room 54 / Ground Floor**	**5% Chrysotile**
082211-148-13B	**12"X12" Black Floor Tile**	**Room 54 / Ground Floor**	**Sample Not Analyzed**
082211-148-14A	**Mastic associated with 13A**	**Room 54 / Ground Floor**	**10% Chrysotile**
082211-148-14B	**Mastic associated with 13B**	**Room 54 / Ground Floor**	**Sample Not Analyzed**
082211-148-15A	12"X12" Flesh Mottled Floor Tile	Room 305 / 3rd Floor	None Detected
082211-148-15B	12"X12" Flesh Mottled Floor Tile	Auditorium Step-Up to Stage / 1st Floor	None Detected
082211-148-16A	Mastic associated with 15A	Room 305 / 3rd Floor	None Detected
082211-148-16B	Mastic associated with 15B	Auditorium Step-Up to Stage / 1st Floor	None Detected
082211-148-17A	**12"X12" Orange Mottled Floor Tile**	**Room 305 / Ground Floor**	**5% Chrysotile**
082211-148-17B	**12"X12" Orange Mottled Floor Tile**	**Room 305 / Ground Floor**	**Sample Not Analyzed**
082211-148-18A	**Mastic associated with 17A**	**Room 305 / Ground Floor**	**2% Chrysotile**
082211-148-18B	**Mastic associated with 17B**	**Room 305 / Ground Floor**	**Sample Not Analyzed**
082211-148-19A	**12"X12" Yellow with Gold Speck Tile**	**Room 305 / 3rd Floor**	**5% Chrysotile**

Asbestos PLM Bulk Sample Analysis Results
Old Quincy High School
Quincy, Massachusetts

Sample ID	Description	Location	Asbestos Concentration
082211-148-19B	**12"X12" Yellow with Gold Speck Tile**	**Room 305 / 3rd Floor**	**Sample Not Analyzed**
082211-148-20A	Mastic associated with 19A	Room 305 / 3rd Floor	None Detected
082211-148-20B	Mastic associated with 19B	Room 305 / 3rd Floor	None Detected
082211-148-21A	**12"X12" Lime Mottled Floor Tile**	**Room 306 / Ground Floor**	**5% Chrysotile**
082211-148-21B	**12"X12" Lime Mottled Floor Tile**	**Room 306 / Ground Floor**	**Sample Not Analyzed**
082211-148-22A	**Mastic associated with 21A**	**Room 306 / Ground Floor**	**5% Chrysotile**
082211-148-22B	**Mastic associated with 21B**	**Room 306 / Ground Floor**	**Sample Not Analyzed**
082211-148-23A	12"X12" Tan with White and Brown Fleck Floor Tile	Room 214 / 2nd Floor	None Detected
082211-148-23B	12"X12" Tan with White and Brown Fleck Floor Tile	Room 214 / 2nd Floor	None Detected
082211-148-24A	Mastic associated with 23A	Room 214 / 2nd Floor	None Detected
082211-148-24B	Mastic associated with 23B	Room 214 / 2nd Floor	None Detected
082211-148-25A	**12"X12" Brown with Brown and White Speck Floor Tile**	**Hall @ Rear Stairs / 2nd Floor**	**3% Chrysotile**
082211-148-25B	**12"X12" Brown with Brown and White Speck Floor Tile**	**Hall @ Rear Stairs / 2nd Floor**	**Sample Not Analyzed**
082211-148-26A	**Mastic associated with 25A**	**Hall @ Rear Stairs / 2nd Floor**	**5% Chrysotile**
082211-148-26B	**Mastic associated with 25B**	**Hall @ Rear Stairs / 2nd Floor**	**Sample Not Analyzed**
082211-148-27A	**12"X12" Beige with Brown and White Fleck Floor Tile**	**Hall @ Rear Stairs / 2nd Floor**	**5% Chrysotile**
082211-148-27B	**12"X12" Tan with White and Brown Fleck Floor Tile**	**Auditorium Behind Stage / 1st Floor**	**Sample Not Analyzed**
082211-148-28A	Mastic associated with 27A	Hall @ Rear Stairs / 2nd Floor	None Detected
082211-148-28B	Mastic associated with 27B	Auditorium Behind Stage / 1st Floor	None Detected
082211-148-29A	12"X12" White with Black Streak Floor Tile	Foyer between Rooms 317 and 318 / 3rd Floor	None Detected
082211-148-29B	12"X12" White with Black Streak Floor Tile	Foyer between Rooms 317 and 318 / 3rd Floor	None Detected

Asbestos PLM Bulk Sample Analysis Results Old Quincy High School Quincy, Massachusetts			
Sample ID	**Description**	**Location**	**Asbestos Concentration**
082211-148-30A	Mastic associated with 29A	Foyer between Rooms 317 and 318 / 3rd Floor	None Detected
082211-148-30B	Mastic associated with 29B	Foyer between Rooms 317 and 318 / 3rd Floor	None Detected
082211-148-31A	12"X12" White Mottled Floor Tile	Room 306 / 3rd Floor	None Detected
082211-148-31B	12"X12" White Mottled Floor Tile	Room 306 / 3rd Floor	None Detected
082211-148-32A	Mastic associated with 31A	Room 306 / 3rd Floor	None Detected
082211-148-32B	Mastic associated with 31B	Room 306 / 3rd Floor	None Detected
082211-148-33A	12"X12" Light Gray Mottled Floor Tile	Hall to New Building / 3rd Floor	None Detected
082211-148-33B	12"X12" Light Gray Mottled Floor Tile	Hall to New Building / 2nd Floor	None Detected
082211-148-34A	Mastic associated with 33A	Hall to New Building / 3rd Floor	None Detected
082211-148-34B	Mastic associated with 33B	Hall to New Building / 2nd Floor	None Detected
082211-148-35A	12"X12" Dark Gray Mottled Floor Tile	College Counseling Office / 1st Floor	None Detected
082211-148-35B	12"X12" Dark Gray Mottled Floor Tile	College Counseling Office / 1st Floor	None Detected
082211-148-36A	Mastic associated with 35A	College Counseling Office / 1st Floor	None Detected
082211-148-36B	Mastic associated with 35B	College Counseling Office / 1st Floor	None Detected
082211-148-37A	12"X12" Light Blue Mottled Floor Tile	Extras Holding Room / 3rd Floor	None Detected
082211-148-37B	12"X12" Light Blue Mottled Floor Tile	Extras Holding Room / 3rd Floor	None Detected
082211-148-38A	Mastic associated with 37A	Extras Holding Room / 3rd Floor	None Detected
082211-148-38B	Mastic associated with 37B	Extras Holding Room / 3rd Floor	None Detected
082211-148-39A	12"X12" Gray with Black and White Slash Floor Tile	Room 55 / Ground Floor	None Detected
082211-148-39B	12"X12" Gray with Black and White Slash Floor Tile	Room 55 / Ground Floor	None Detected
082211-148-40A	Mastic associated with 39A	Room 55 / Ground Floor	None Detected

Asbestos PLM Bulk Sample Analysis Results Old Quincy High School Quincy, Massachusetts			
Sample ID	**Description**	**Location**	**Asbestos Concentration**
082211-148-40B	Mastic associated with 39B	Room 55 / Ground Floor	None Detected
082211-148-41A	**12"X12" Gray Speckled Floor Tile**	**Room 55 / Ground Floor**	**None Detected**
082211-148-41B	**12"X12" Gray Speckled Floor Tile**	**Room 59 / Ground Floor**	**None Detected**
082211-148-42A	**Mastic associated with 41A**	**Room 55 / Ground Floor**	**2% Chrysotile**
082211-148-42B	**Mastic associated with 41B**	**Room 59 / Ground Floor**	**Sample Not Analyzed**
082211-148-43A	12"X12" Gray with Black Fleck Floor Tile	Room 57 / Ground Floor	None Detected
082211-148-43B	12"X12" Gray with Black Fleck Floor Tile	Room 205 / 2nd	None Detected
082211-148-44A	Mastic associated with 43A	Room 57 / Ground Floor	None Detected
082211-148-44B	Mastic associated with 43B	Room 205 / 2nd	None Detected
082211-148-45A	12"X12" Beige Speckled Floor Tile	Room 203A / 2nd Floor	None Detected
082211-148-45B	12"X12" Tan with White and Brown Fleck Floor Tile	Room 301 / 3rd Floor	None Detected
082211-148-46A	Mastic associated with 45A	Room 203A / 2nd Floor	None Detected
082211-148-46B	Mastic associated with 45B	Room 301 / 3rd Floor	None Detected
082211-148-47A	**9"X9" Blue with White Streak Floor Tile**	**Janitor Storeroom By Rear Stairs / Ground Floor**	**5% Chrysotile**
082211-148-47B	**9"X9" Blue with White Streak Floor Tile**	**Room 67 / Ground Floor**	**Sample Not Analyzed**
082211-148-48A	**Mastic associated with 47A**	**Janitor Storeroom By Rear Stairs / Ground Floor**	**20% Chrysotile**
082211-148-48B	**Mastic associated with 47B**	**Room 67 / Ground Floor**	**Sample Not Analyzed**
082211-148-49A	**9"X9" Green with White and Green Streak Floor Tile**	**Kitchen Store Room / Ground Floor**	**5% Chrysotile**
082211-148-49B	**9"X9" Green with White and Green Streak Floor Tile**	**Room 301 / 3rd Floor**	**Sample Not Analyzed**
082211-148-50A	**Mastic associated with 49A**	**Kitchen Store Room / Ground Floor**	**20% Chrysotile**

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Sample ID	Description	Location	Asbestos Concentration
082211-148-50B	**Mastic associated with 49B**	**Room 301 / 3rd Floor**	**Sample Not Analyzed**
082211-148-51A	**9"X9" Dark Green Floor Tile**	**Kitchen Foyer / Ground Floor**	**10% Chrysotile**
082211-148-51B	**9"X9" Dark Green Floor Tile**	**Kitchen Foyer / Ground Floor**	**Sample Not Analyzed**
082211-148-52A	Mastic associated with 51A	Kitchen Foyer / Ground Floor	None Detected
082211-148-52B	Mastic associated with 51B	Kitchen Foyer / Ground Floor	None Detected
082211-148-53A	**9"X9" Olive Floor Tile**	**Cape Cod Room / 1st Floor**	**2%Chrysotile**
082211-148-53B	**9"X9" Olive Floor Tile**	**Room 309 / 3rd Floor**	**Sample Not Analyzed**
082211-148-54A	Mastic associated with 53A	Cape Cod Room / 1st Floor	None Detected
082211-148-54B	Mastic associated with 53B	Room 309 / 3rd Floor	None Detected
082211-148-55A	9"X9" Black Floor Tile	Room 312 / 3rd Floor	None Detected
082211-148-55B	9"X9" Black Floor Tile	Room 312 / 3rd Floor	None Detected
082211-148-56A	Mastic associated with 55A	Room 312 / 3rd Floor	None Detected
082211-148-56B	Mastic associated with 55B	Room 312 / 3rd Floor	None Detected
082211-148-57A	9"X9" Flesh Mottled Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-57B	9"X9" Flesh Mottled Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-58A	Mastic associated with 57A	Room 302 / 3rd Floor	None Detected
082211-148-58B	Mastic associated with 57B	Room 302 / 3rd Floor	None Detected
082211-148-59A	**9"X9" Maroon Floor Tile**	**Room 300 / 3rd Floor**	**None Detected**
082211-148-59B	**9"X9" Maroon Floor Tile**	**Room 303 / 3rd Floor**	**None Detected**
082211-148-60A	**Mastic associated with 59A**	**Room 300 / 3rd Floor**	**5% Chrysotile**
082211-148-60B	**Mastic associated with 59B**	**Room 303 / 3rd Floor**	**Sample Not Analyzed**
082211-148-61A	9"X9" Dark Red Floor Tile	Room 64 / Ground Floor	None Detected
082211-148-61B	9"X9" Dark Red Floor Tile	Room 64 / Ground Floor	None Detected
082211-148-62A	Mastic associated with 61A	Room 64 / Ground Floor	None Detected
082211-148-62B	Mastic associated with 61B	Room 64 / Ground Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-63A	9"X9" Maroon Mottled Floor Tile	Room 313 / 3rd Floor	None Detected
082211-148-63B	9"X9" Maroon Mottled Floor Tile	Room 313 / 3rd Floor	None Detected
082211-148-64A	Mastic associated with 63A	Room 313 / 3rd Floor	None Detected
082211-148-64B	Mastic associated with 63B	Room 313 / 3rd Floor	None Detected
082211-148-65A	**9"X9" Red Mottled Floor Tile**	**Room 312 / 3rd Floor**	**None Detected**
082211-148-65B	**9"X9" Red Mottled Floor Tile**	**Room 312 / 3rd Floor**	**None Detected**
082211-148-66A	**Mastic associated with 65A**	**Room 312 / 3rd Floor**	**5% Chrysotile**
082211-148-66B	**Mastic associated with 65B**	**Room 312 / 3rd Floor**	**Sample Not Analyzed**
082211-148-67A	**9"X9" Red with White and Gray Streak Floor Tile**	**Room 315 / 3rd Floor**	**2% Chrysotile**
082211-148-67B	**9"X9" Red with White and Gray Streak Floor Tile**	**Room 315 / 3rd Floor**	**Sample Not Analyzed**
082211-148-68A	Mastic associated with 67A	Room 315 / 3rd Floor	None Detected
082211-148-68B	Mastic associated with 67B	Room 315 / 3rd Floor	None Detected
082211-148-69A	**9"X9" Red with White and Orange Streak Floor Tile**	**Room 303 / 3rd Floor**	**Trace Chrysotile**
082211-148-69B	**9"X9" Red with White and Orange Streak Floor Tile**	**Room 301 / 3rd Floor**	**Trace Chrysotile**
082211-148-70A	**Mastic associated with 69A**	**Room 303 / 3rd Floor**	**10% Chrysotile**
082211-148-70B	**Mastic associated with 69B**	**Room 301 / 3rd Floor**	**Sample Not Analyzed**
082211-148-71A	9"X9" Bright Orange Floor Tile	Room 313 / 3rd Floor	None Detected
082211-148-71B	9"X9" Bright Orange Floor Tile	Room 313 / 3rd Floor	None Detected
082211-148-72A	Mastic associated with 71A	Room 313 / 3rd Floor	None Detected
082211-148-72B	Mastic associated with 71B	Room 313 / 3rd Floor	None Detected
082211-148-73A	**9"X9" Pink Floor Tile**	**Room 303 / 3rd Floor**	**5% Chrysotile**
082211-148-73B	**9"X9" Pink Floor Tile**	**Nurses Office Suite / 1st Floor**	**Sample Not Analyzed**
082211-148-74A	**Mastic associated with 73A**	**Room 303 / 3rd Floor**	**10% Chrysotile**
082211-148-74B	**Mastic associated with 73B**	**Nurses Office Suite / 1st Floor**	**Sample Not Analyzed**
082211-148-75A	9"X9" White with Black Dot Floor Tile	Room 303 Closet / 3rd Floor	None Detected
082211-148-75B	9"X9" White with Black Dot Floor Tile	Room 303 Closet / 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-76A	Mastic associated with 75A	Room 303 Closet / 3rd Floor	None Detected
082211-148-76B	Mastic associated with 75B	Room 303 Closet / 3rd Floor	None Detected
082211-148-77A	**9"X9" White with Gold Streak Floor Tile**	**Room 54 / Ground Floor**	**5% Chrysotile**
082211-148-77B	**9"X9" White with Gold Streak Floor Tile**	**Room 54 / Ground Floor**	**Sample Not Analyzed**
082211-148-78A	**Mastic associated with 77A**	**Room 54 / Ground Floor**	**20% Chrysotile**
082211-148-78B	**Mastic associated with 77B**	**Room 54 / Ground Floor**	**Sample Not Analyzed**
082211-148-79A	**9"X9" White Floor Tile**	**Foyer at Rooms 318 and 318A / 3rd Floor**	**2% Chrysotile**
082211-148-79B	**9"X9" White Floor Tile**	**Foyer at Rooms 318 and 318A / 3rd Floor**	**Sample Not Analyzed**
082211-148-80A	**Mastic associated with 79A**	**Foyer at Rooms 318 and 318A / 3rd Floor**	**5% Chrysotile**
082211-148-80B	**Mastic associated with 79B**	**Foyer at Rooms 318 and 318A / 3rd Floor**	**Sample Not Analyzed**
082211-148-81A	9"X9" White with Black Speck Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-81B	9"X9" White with Black Speck Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-82A	Mastic associated with 81A	Room 302 / 3rd Floor	None Detected
082211-148-82B	Mastic associated with 81B	Room 302 / 3rd Floor	None Detected
082211-148-83A	9"X9" Light Gray with Black Streak Floor Tile	Room 54 / Ground Floor	None Detected
082211-148-83B	9"X9" Light Gray with Black Streak Floor Tile	Room 54 / Ground Floor	None Detected
082211-148-84A	Mastic associated with 83A	Room 54 / Ground Floor	None Detected
082211-148-84B	Mastic associated with 83B	Room 54 / Ground Floor	None Detected
082211-148-85A	9"X9" Dark Gray Mottled Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-85B	9"X9" Dark Gray Mottled Floor Tile	Room 302 / 3rd Floor	None Detected
082211-148-86A	Mastic associated with 85A	Room 302 / 3rd Floor	None Detected
082211-148-86B	Mastic associated with 85B	Room 302 / 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-87A	9"X9" Light Gray Mottled Floor Tile	Room 57 / Ground Floor	None Detected
082211-148-87B	9"X9" Light Gray Mottled Floor Tile	Room 57 / Ground Floor	None Detected
082211-148-88A	Mastic associated with 87A	Room 57 / Ground Floor	None Detected
082211-148-88B	Mastic associated with 87B	Room 57 / Ground Floor	None Detected
082211-148-89A	**9"X9" Gray with White and Black Streak Floor Tile**	**Room 57 / Ground Floor**	**2% Chrysotile**
082211-148-89B	**9"X9" Gray with White and Black Streak Floor Tile**	**Room 57 / Ground Floor**	**Sample Not Analyzed**
082211-148-90A	**Mastic associated with 89A**	**Room 57 / Ground Floor**	**10% Chrysotile**
082211-148-90B	**Mastic associated with 89B**	**Room 57 / Ground Floor**	**Sample Not Analyzed**
082211-148-91A	9"X9" Beige with White Streak Floor Tile	Room 54 / Ground Floor	Trace Chrysotile
082211-148-91B	9"X9" Beige with White Streak Floor Tile	Room 54 / Ground Floor	Trace Chrysotile
082211-148-92A	Mastic associated with 91A	Room 54 / Ground Floor	None Detected
082211-148-92B	Mastic associated with 91B	Room 54 / Ground Floor	None Detected
082211-148-93A	**9"X9" Peach with White and Brown Streak Floor Tile**	**Hall @ Rear Stairwell / 1st Floor**	**2% Chrysotile**
082211-148-93B	**9"X9" Peach with White and Brown Streak Floor Tile**	**Hall @ Rear Stairwell / 1st Floor**	**Sample Not Analyzed**
082211-148-94A	Mastic associated with 93A	Hall @ Rear Stairwell / 1st Floor	Trace Chrysotile
082211-148-94B	Mastic associated with 93B	Hall @ Rear Stairwell / 1st Floor	Trace Chrysotile
082211-148-95A	**9"X9" Orange with White and Brown Streak Floor Tile**	**Hall @ Rear Stairwell / 1st Floor**	**None Detected**
082211-148-95B	**9"X9" Orange with White and Brown Streak Floor Tile**	**Room 300 / 3rd Floor**	**None Detected**
082211-148-96A	**Mastic associated with 95A**	**Hall @ Rear Stairwell / 1st Floor**	**5% Chrysotile**
082211-148-96B	**Mastic associated with 95B**	**Room 300 / 3rd Floor**	**Sample Not Analyzed**

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Sample ID	Description	Location	Asbestos Concentration
082211-148-97A	**9"X9" Beige with White and Brown Streak Floor Tile**	**Foyer @ Room 210A / 2nd Floor**	**20% Chrysotile**
082211-148-97B	**9"X9" Beige with White and Brown Streak Floor Tile**	**Room 313 / 3rd Floor**	**Sample Not Analyzed**
082211-148-98A	**Mastic associated with 97A**	**Foyer @ Room 210A / 2nd Floor**	**20% Chrysotile**
082211-148-98B	**Mastic associated with 97B**	**Room 313 / 3rd Floor**	**Sample Not Analyzed**
082211-148-99A	9"X9" Dark Brown with Red and White Streak Floor Tile	Room 300 / 3rd Floor	None Detected
082211-148-99B	9"X9" Dark Brown with Red and White Streak Floor Tile	Room 312 / 3rd Floor	None Detected
082211-148-100A	Mastic associated with 99A	Room 300 / 3rd Floor	None Detected
082211-148-100B	Mastic associated with 99B	Room 312 / 3rd Floor	None Detected
082211-148-101A	**9"X9" Coffee with Brown and White Speck Floor Tile**	**College Counseling Office / 1st Floor**	**10% Chrysotile**
082211-148-101B	**9"X9" Coffee with Brown and White Speck Floor Tile**	**College Counseling Office / 1st Floor**	**Sample Not Analyzed**
082211-148-102A	**Mastic associated with 101A**	**College Counseling Office / 1st Floor**	**5% Chrysotile**
082211-148-102B	**Mastic associated with 101B**	**College Counseling Office / 1st Floor**	**Sample Not Analyzed**
082211-148-103A	**9"X9" Brown with Brown and White Speck Floor Tile**	**Room 300 / 3rd Floor**	**10% Chrysotile**
082211-148-103B	**9"X9" Brown with Brown and White Speck Floor Tile**	**Room 309 / 3rd Floor**	**Sample Not Analyzed**
082211-148-104A	Mastic associated with 103A	Room 300 / 3rd Floor	None Detected
082211-148-104B	Mastic associated with 103B	Room 309 / 3rd Floor	None Detected
082211-148-105A	**9"X9" Light Brown with Brown and White Speck Floor Tile**	**Room 300 / 3rd Floor**	**10% Chrysotile**
082211-148-105B	**9"X9" Light Brown with Brown and White Speck Floor Tile**	**Room 307 / 3rd Floor**	**Sample Not Analyzed**
082211-148-106A	**Mastic associated with 105A**	**Room 300 / 3rd Floor**	**10% Chrysotile**
082211-148-106B	**Mastic associated with 105B**	**Room 307 / 3rd Floor**	**Sample Not Analyzed**
082211-148-107A	9"X9" Light Brown with Multi-White Speck Floor Tile	Room 310 / 3rd Floor	**5% Chrysotile**
082211-148-107B	9"X9" Light Brown with Multi-White Speck Floor Tile	Room 213 / 2nd Floor	**Sample Not Analyzed**
082211-148-108A	Mastic associated with 107A	Room 310 / 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-108B	Mastic associated with 107B	Room 213 / 2nd Floor	None Detected
082211-148-109A	**9"X9" Light Brown with Brown and White Fleck Floor Tile**	**Hall @ Rear Stairwell / 2nd Floor**	**10% Chrysotile**
082211-148-109B	**9"X9" Light Brown with Brown and White Fleck Floor Tile**	**Hall @ Rear Stairwell / 2nd Floor**	**Sample Not Analyzed**
082211-148-110A	**Mastic associated with 109A**	**Hall @ Rear Stairwell / 2nd Floor**	**10% Chrysotile**
082211-148-110B	**Mastic associated with 109B**	**Hall @ Rear Stairwell / 2nd Floor**	**Sample Not Analyzed**
082211-148-111A	1x1 Coral Spline Ceiling Tile	Auditorium Storage room / 2nd Floor	None Detected
082211-148-111B	1x1 Coral Spline Ceiling Tile	Auditorium Storage Area / 1st Floor	None Detected
082211-148-112A	Brown Glue Daub associated with 111A	Auditorium Storage room / 2nd Floor	None Detected
082211-148-112B	Brown Glue Daub associated with 111B	Auditorium Storage Area / 1st Floor	None Detected
082211-148-113A	1x1 Pinhole Spline Ceiling Tile	1st Aid Station / Ground Floor	None Detected
082211-148-113B	1x1 Pinhole Spline Ceiling Tile	Cafeteria / Ground Floor	None Detected
082211-148-114A	Brown Glue Daub associated with 113A	1st Aid Station / Ground Floor	None Detected
082211-148-114B	Brown Glue Daub associated with 113B	Cafeteria / Ground Floor	None Detected
082211-148-115A	1x1 Sand Spline Ceiling Tile	Hall / Ground Floor	None Detected
082211-148-115B	1x1 Sand Spline Ceiling Tile	Hall / Ground Floor	None Detected
082211-148-116A	Brown Glue Daub associated with 115A	Hall / Ground Floor	None Detected
082211-148-116B	Brown Glue Daub associated with 115B	Hall / Ground Floor	None Detected
082211-148-117A	Yellow Glue Daub associated with 115A	Hall / Ground Floor	None Detected
082211-148-117B	Yellow Glue Daub associated with 115B	Hall / Ground Floor	None Detected
082211-148-118A	2x4 Off-White Crow Feet Ceiling Tile	Hall / 3rd Floor	None Detected
082211-148-118B	2x4 Off-White Crow Feet Ceiling Tile	Hall / 2nd Floor	None Detected
082211-148-119A	2x4 White Crow Feet Ceiling Tile	Hall / 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-119B	2x4 White Crow Feet Ceiling Tile	Room 57 / Ground Floor	None Detected
082211-148-120A	2x4 Pinhole Crow Feet Ceiling Tile	Principals Office / 1st Floor	None Detected
082211-148-120B	2x4 Pinhole Crow Feet Ceiling Tile	Nurses Office / 1st Floor	None Detected
082211-148-121A	2x4 White Ceiling Tile	Guidance Office / 1st Floor	None Detected
082211-148-121B	2x4 White Ceiling Tile	Guidance Office / 1st Floor	None Detected
082211-148-122A	2x4 White Smooth Ceiling Tile	Room 57 / Ground Floor	None Detected
082211-148-122B	2x4 White Smooth Ceiling Tile	Room 57 / Ground Floor	None Detected
082211-148-123A	2x4 Sheetrock Ceiling Tile	Kitchen / Ground Floor	None Detected
082211-148-123B	2x4 Sheetrock Ceiling Tile	Kitchen / Ground Floor	None Detected
082211-148-124A	2x4 Dimpled Ceiling Tile	Room 210A / 2nd Floor	None Detected
082211-148-124B	2x2 Dimpled Ceiling Tile	Auditorium Storage Room / 1st Floor	None Detected
082211-148-125A	2x2 Small Crow Feet Ceiling Tile	Pride Room / 1st Floor	None Detected
082211-148-125B	2x2 Small Crow Feet Ceiling Tile	Pride Room / 1st Floor	None Detected
082211-148-126A	2x2 Sand Ceiling Tile	Cafeteria / Ground Floor	None Detected
082211-148-126B	2x2 Sand Ceiling Tile	Cafeteria / Ground Floor	None Detected
082211-148-127A	Gray Cove Base	Bathroom Gym / Basement	None Detected
082211-148-127B	Gray Cove Base	Bathroom Gym / Basement	None Detected
082211-148-128A	Adhesive associated with 127A	Bathroom Gym / Basement	None Detected
082211-148-128BA	Adhesive associated with 127B	Bathroom Gym / Basement	None Detected
082211-148-129A	Brown Cove Base	Room 202 / 2nd Floor	None Detected
082211-148-129B	Brown Cove Base	Room 55 / Basement	None Detected
082211-148-130A	Adhesive associated with 129A	Room 202 / 2nd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-130B	Adhesive associated with 129B	Room 55 / Basement	None Detected
082211-148-131A	Wood Finish Cove Base	Cafeteria / Ground Floor	None Detected
082211-148-131B	Wood Finish Cove Base	Cafeteria / Ground Floor	None Detected
082211-148-132A	Adhesive associated with 131A	Cafeteria / Ground Floor	None Detected
082211-148-132B	Adhesive associated with 131B	Cafeteria / Ground Floor	None Detected
082211-148-133A	Black Fibrous Cove Base @ Teachers Lab Table	Room 301 / 3rd Floor	None Detected
082211-148-133B	Black Fibrous Cove Base @ Teachers Lab Table	Room 301 / 3rd Floor	None Detected
082211-148-134A	Adhesive associated with 133A	Room 301 / 3rd Floor	None Detected
082211-148-134B	Adhesive associated with 133B	Room 301 / 3rd Floor	None Detected
082211-148-135A	Large Black Cove Base	Room 304 / 3rd Floor	None Detected
082211-148-135B	Large Black Cove Base	Room 304 / 3rd Floor	None Detected
082211-148-136A	Adhesive associated with 135A	Room 304 / 3rd Floor	None Detected
082211-148-136B	Adhesive associated with 135B	Room 304 / 3rd Floor	None Detected
082211-148-137A	Old Black Cove Base	Room 303 / 3rd Floor	None Detected
082211-148-137B	Old Black Cove Base	Room 301 / 3rd Floor	None Detected
082211-148-138A	Adhesive associated with 137A	Room 303 / 3rd Floor	None Detected
082211-148-138B	Adhesive associated with 137B	Room 301 / 3rd Floor	None Detected
082211-148-139A	New Black Cove Base	Nurses Office / 1st Floor	None Detected
082211-148-139B	New Black Cove Base	Room 59 / Ground Floor	None Detected
082211-148-140A	Adhesive associated with 139A	Nurses Office / 1st Floor	None Detected
082211-148-140B	Adhesive associated with 139B	Room 59 / Ground Floor	None Detected
082211-148-141A	Black Adhesive on Wood Base Board	Room 59 / Ground Floor	None Detected
082211-148-141B	Black Adhesive on Wood Base Board	Room 59 / Ground Floor	None Detected
082211-148-142A	Yellow Carpet Mastic	Auditorium Storage Room / 2nd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-142B	Yellow Carpet Mastic	Auditorium Seating / 2nd Floor	None Detected
082211-148-143A	Blue Stair Tread	Front Stairwell / 1st Floor	None Detected
082211-148-143B	Blue Stair Tread	Front Stairwell / 1st Floor	None Detected
082211-148-144A	Glue associated with 143A	Front Stairwell / 1st Floor	None Detected
082211-148-144B	Glue associated with 143B	Front Stairwell / 1st Floor	None Detected
082211-148-145A	Black Grit Stair Tread	Rear Stairwell / 3rd Floor	None Detected
082211-148-145B	Black Grit Stair Tread	Front Stairwell / 1st Floor	None Detected
082211-148-146A	Adhesive associated with 145A	Rear Stairwell / 3rd Floor	None Detected
082211-148-146B	Adhesive associated with 145B	Rear Stairwell / 1st Floor	None Detected
082211-148-147A	Checkerboard Linoleum	Auditorium Storage Room / 1st Floor	None Detected
082211-148-147B	Checkerboard Linoleum	Auditorium Storage Room / 1st Floor	None Detected
082211-148-148A	Tan Sheet Flooring Coating	Girls Room / 3rd Floor	None Detected
082211-148-148B	Tan Sheet Flooring Coating	Girls Room / 2nd Floor	None Detected
082211-148-149A	Gray Sheet Flooring Coating	Boys Room / 3rd Floor	None Detected
082211-148-149B	Gray Sheet Flooring Coating	Boys Room / 2nd Floor	None Detected
082211-148-150A	Cork Floor	Room 209A / 2nd Floor	None Detected
082211-148-150B	Cork Sub-Floor	Room 209A / 2nd Floor	None Detected
082211-148-151A	Mastic associated with 150A	Room 209A / 2nd Floor	None Detected
082211-148-151B	Mastic associated with 150B	Room 209A / 2nd Floor	None Detected
082211-148-152A	Faux Wood Sheet Flooring	Auditorium Rear Store Room / 2nd Floor	None Detected
082211-148-152B	Faux Wood Sheet Flooring	Auditorium Rear Store Room / 2nd Floor	None Detected
082211-148-153A	Black Glue beneath Black Rubber Floor in Walk-In Freezer	Kitchen / Ground Floor	None Detected

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Sample ID	**Description**	**Location**	**Asbestos Concentration**
082211-148-153B	Black Glue beneath Black Rubber Floor in Walk-In Freezer	Kitchen / Ground Floor	None Detected
082211-148-154A	Adhesive on Finished Gym Floor Boards	Gym / Basement	None Detected
082211-148-154B	Adhesive on Finished Gym Floor Boards	Gym / Basement	None Detected
082211-148-155A	Red Floor Leveler	Auditorium Rear Stage Area / 1st Floor	None Detected
082211-148-155B	Red Floor Leveler	Auditorium Rear Stage Area / 1st Floor	None Detected
082211-148-156A	White Floor Leveler	Room 300 / 3rd Floor	None Detected
082211-148-156B	White Floor Leveler	Auditorium Rear Stage Area / 1st Floor	None Detected
082211-148-157A	Olive Floor Leveler	College Counseling Office / 1st Floor	None Detected
082211-148-157B	Olive Floor Leveler	College Counseling Office / 1st Floor	None Detected
082211-148-158A	**Paper under Original Wood Floor**	**Electrical Room/Janitor Area / Ground Floor**	**15% Chrysotile**
082211-148-158B	**Paper under Original Wood Floor**	**Room 68 / Ground Floor**	**Sample Not Analyzed**
082211-148-158C	**Paper under Original Wood Floor**	**Mr. Steptoe Closet / 1st Floor**	**Sample Not Analyzed**
082211-148-158D	**Paper under Original Wood Floor**	**Social Studies / 2nd Floor**	**Sample Not Analyzed**
082211-148-158E	**Paper under Original Wood Floor**	**Room 303 / 3rd Floor**	**Sample Not Analyzed**
082211-148-159A	Paper under Newer Top Layer Wood Floor	Room 58 / Ground Floor	None Detected
082211-148-159B	Paper under Newer Top Layer Wood Floor	Room 100 / 1st Floor	None Detected
082211-148-159C	Paper under Newer Top Layer Wood Floor	Auditorium Rear Stage Area / 1st Floor	None Detected
082211-148-160A	Paper under Faux Wood Panel Floor	Auditorium Rear Store Room / 2nd Floor	None Detected
082211-148-160B	Paper under 12"x12" Dark Brown Mottled Floor Tile	Auditorium Rear Store Room / 1st Floor	None Detected
082211-148-161A	Paper under Gym Floor	Gym / Basement	None Detected
082211-148-161B	Paper under Gym Floor	Gym / Basement	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-162A	Paper on Floor of Fan Duct Unit	Air Handler Room / Basement	None Detected
082211-148-162B	Paper on Floor of Fan Duct Unit	Air Handler Room / Basement	None Detected
082211-148-163A	Canvas Wall Paper Covering	Nurses Office / 1st Floor	None Detected
082211-148-163B	Canvas Wall Paper Covering	Room 215 / 2nd	None Detected
082211-148-164A	Brown Fibrous Acoustic Wall Board	Rear Hall / 2nd Floor	None Detected
082211-148-164B	Brown Fibrous Acoustic Wall Board	Auditorium Rear Stage Area / 1st Floor	None Detected
082211-148-165A	Brown Wall Board	Room 63 / Ground Floor	None Detected
082211-148-165B	Brown Wall Board	Auditorium Rear Store Room / 2nd Floor	None Detected
082211-148-166A	Cork Board	Room 300 / 3rd Floor	None Detected
082211-148-166B	Cork Board	Room 200 / 2nd Floor	None Detected
082211-148-167A	Glue associated with 166A	Room 300 / 3rd Floor	None Detected
082211-148-167B	Glue associated with 166B	Room 200 / 2nd Floor	None Detected
082211-148-168A	Block-Style Cork Wall Squares	Room 203A / 2nd Floor	None Detected
082211-148-168B	Block-Style Cork Wall Squares	Room 203A / 2nd Floor	None Detected
082211-148-169A	Glue associated with 168A	Room 203A / 2nd Floor	None Detected
082211-148-169B	Glue associated with 168B	Room 203A / 2nd Floor	None Detected
082211-148-170A	Glue beneath Faux Wood Wall Paneling	Kitchen / Ground Floor	None Detected
082211-148-170B	Glue beneath Faux Wood Wall Paneling	Kitchen / Ground Floor	None Detected
082211-148-171A	1x1 Pinhole Wall Boards	Cape Cod Room / 1st Floor	None Detected
082211-148-171B	1x1 Pinhole Wall Boards	Cape Cod Room / 1st Floor	None Detected
082211-148-172A	Green Layered-Paper Wall Panels	Room 306 Closet – 3rd Floor	None Detected
082211-148-172B	Green Layered-Paper Wall Panels	Room 306 Closet – 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-173A	**Cement Board in Fume Hood**	**Extras Holding Room – 3rd Floor**	**20% Chrysotile**
082211-148-173B	**Cement Board Panel Square Wall Hole Covering**	**Hall @ Room 203 – 2nd Floor**	**Sample Not Analyzed**
082211-148-174A	Fume Hood Counter Top	Room 304 / 3rd Floor	None Detected
082211-148-174B	Fume Hood Counter Top	Room 304 / 3rd Floor	None Detected
082211-148-175A	Fume Hood White Ceramic Tile	Room 304 / 3rd Floor	None Detected
082211-148-175B	Fume Hood White Ceramic Tile	Room 304 / 3rd Floor	None Detected
082211-148-176A	Fume Hood White Ceramic Tile Grout	Room 304 / 3rd Floor	None Detected
082211-148-176B	Fume Hood White Ceramic Tile Grout	Room 304 / 3rd Floor	None Detected
082211-148-177A	Black Sink Undercoating	Boys Room / 2nd Floor	None Detected
082211-148-177B	Black Sink Undercoating	Faculty Room / 2nd Floor	None Detected
082211-148-178A	**Gray Sink Undercoating**	**Room 54 / Ground Floor**	**10% Chrysotile**
082211-148-178B	**Gray Sink Undercoating**	**Art Studio / 1st Floor**	**Sample Not Analyzed**
082211-148-179A	Pink Sink Undercoating	Room 317A / 3rd Floor	None Detected
082211-148-179B	Pink Sink Undercoating	Room 317A / 3rd Floor	None Detected
082211-148-180A	White/Orange Sink Undercoating	Room 303 / 3rd Floor	None Detected
082211-148-180B	White/Orange Sink Undercoating	Room 303 / 3rd Floor	None Detected
082211-148-181A	Sink Drip Pad	Room 300 / 3rd Floor	None Detected
082211-148-181B	Sink Drip Pad	Room 303 / 3rd Floor	None Detected
082211-148-182A	Black Student Lab Counter	Room 306 / 3rd Floor	None Detected
082211-148-182B	Black Student Lab Counter	Room 304 / 3rd Floor	None Detected
082211-148-183A	**Glue associated with 182A**	**Room 306 / 3rd Floor**	**20% Chrysotile**
082211-148-183B	**Glue associated with 182B**	**Room 304 / 3rd Floor**	**Sample Not Analyzed**
082211-148-184A	**Black Teachers Lab Counter**	**Room 300 / 3rd Floor**	**20% Chrysotile**
082211-148-184B	**Black Teachers Lab Counter**	**Room 302 / 3rd Floor**	**Sample Not Analyzed**
082211-148-185A	Glue associated with Gray Lab Counter	Room 317 / 3rd Floor	None Detected
082211-148-185B	Glue associated with Gray Lab Counter	Room 317 / 3rd Floor	None Detected
082211-148-186A	Black Pressboard Lab Counter	Room 303 / 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-186B	Black Pressboard Lab Counter	Room 305 / 3rd Floor	None Detected
082211-148-187A	Chalkboard	Room 303 / 3rd Floor	None Detected
082211-148-187B	Chalkboard	Social Studies / 2nd Floor	None Detected
082211-148-188A	Glue associated with 187A	Room 303 / 3rd Floor	None Detected
082211-148-188B	Glue associated with 187B	Social Studies / 2nd Floor	None Detected
082211-148-189A	Black Slate-Like Bathroom Stall Dividers	Boys Room / 3rd Floor	None Detected
082211-148-189B	Black Slate-Like Bathroom Stall Dividers	Boys Room / 2nd Floor	None Detected
082211-148-190A	Black Window Sill	Boys Room / 3rd Floor	None Detected
082211-148-190B	Black Window Sill	Boys Room / 2nd Floor	None Detected
082211-148-191A	Glue associated with 190A	Boys Room / 3rd Floor	None Detected
082211-148-191B	Glue associated with 190B	Boys Room / 2nd Floor	None Detected
082211-148-192A	Black Vibration Dampening Cloth	Fan Unit Room / Basement	None Detected
082211-148-192B	Black Vibration Dampening Cloth	Extras Holding Room / 3rd Floor	None Detected
082211-148-193A	Red Fire Stop	Mechanical Room / Basement	None Detected
082211-148-193B	Red Fire Stop	Mechanical Room / Basement	None Detected
082211-148-194A	White Penetration Sealant	Electrical Room / 2nd Floor	None Detected
082211-148-194B	White Penetration Sealant	Electrical Room / 2nd Floor	None Detected
082211-148-195A	Gray HVAC Duct Sealant	Fan Unit Room / Basement	None Detected
082211-148-195B	Gray HVAC Duct Sealant	Fan Unit Room / Basement	None Detected
082211-148-196A	Black Mirror Glue	Auditorium Rear Stage Area / 2nd Floor	None Detected
082211-148-196B	Black Mirror Glue	Auditorium Rear Stage Area / 2nd Floor	None Detected
082211-148-197A	Tan Mirror Glue	Auditorium Rear Stage Area / 2nd Floor	None Detected
082211-148-197B	Tan Mirror Glue	Auditorium Rear Stage Area / 2nd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-198A	Fire Blanket	Room 300 / 3rd Floor	None Detected
082211-148-198B	Fire Blanket	Room 317 / 3rd Floor	None Detected
082211-148-199A	**1" TSI Pipe Insulation**	**Cafeteria / Ground Floor**	**20% Chrysotile**
082211-148-199B	**1" TSI Pipe Insulation**	**Cafeteria / Ground Floor**	**Sample Not Analyzed**
082211-148-199C	**1" TSI Pipe Insulation**	**Cafeteria / Ground Floor**	**Sample Not Analyzed**
082211-148-200A	**2" TSI Pipe Insulation**	**Boys Room Chase / 3rd Floor**	**10% Chrysotile**
082211-148-200B	**2" TSI Pipe Insulation**	**Room 213 Closet / 2nd Floor**	**Sample Not Analyzed**
082211-148-200C	**2" TSI Pipe Insulation**	**Room 67 / Ground Floor**	**Sample Not Analyzed**
082211-148-201A	**4" TSI Pipe Insulation**	**Room 63 / Ground Floor**	**40% Chrysotile**
082211-148-201B	**4" TSI Pipe Insulation**	**Room 57 / Ground Floor**	**Sample Not Analyzed**
082211-148-201C	**4" TSI Pipe Insulation**	**Cafeteria / Ground Floor**	**Sample Not Analyzed**
082211-148-202A	**8" TSI Pipe Insulation**	**Room 67 / Ground Floor**	**40% Chrysotile**
082211-148-202B	**8" TSI Pipe Insulation**	**Room 57 / Ground Floor**	**Sample Not Analyzed**
082211-148-202C	**8" TSI Pipe Insulation**	**Room 033B / Ground Floor**	**Sample Not Analyzed**
082211-148-203A	**12" TSI Pipe Insulation**	**Wainscoat Chase in Gym / Basement**	**40% Chrysotile**
082211-148-203B	**12" TSI Pipe Insulation**	**Rear Hall Gym / Basement**	**Sample Not Analyzed**
082211-148-203C	**12" TSI Pipe Insulation**	**Electrical Room - Janitors Area / Basement**	**Sample Not Analyzed**
082211-148-204A	Brown Blown-In Insulation above Plaster Ceiling	Auditorium Store Room / 2nd Floor	None Detected
082211-148-204B	Brown Blown-In Insulation above Plaster Ceiling	Auditorium Store Room / 2nd Floor	None Detected
082211-148-204C	Brown Blown-In Insulation above Plaster Ceiling	Auditorium Store Room / 2nd Floor	None Detected
082211-148-205A	White Wool Insulation	Eaves – 3rd Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-205B	White Wool Insulation	Eaves – 3rd Floor	None Detected
082211-148-205C	White Wool Insulation	Eaves – 3rd Floor	None Detected
082211-148-206A	Coarse Coat Plaster	Room 305 / 3rd Floor	None Detected
082211-148-206B	Coarse Coat Plaster	Girls Room / 3rd Floor	None Detected
082211-148-206C	Coarse Coat Plaster	Hall / 3rd Floor	None Detected
082211-148-206D	Coarse Coat Plaster	Room 206 / 2nd Floor	None Detected
082211-148-206E	Coarse Coat Plaster	Hall / 2nd Floor	None Detected
082211-148-206F	Coarse Coat Plaster	Boys Room / 2nd Floor	None Detected
082211-148-206G	Coarse Coat Plaster	Cape Cod Room / 1st Floor	None Detected
082211-148-206H	Coarse Coat Plaster	Rear Hall / 1st Floor	None Detected
082211-148-206I	Coarse Coat Plaster	Principals Office / 1st Floor	None Detected
082211-148-206J	Coarse Coat Plaster	1st Aid Station / Ground Level	Trace Chrysotile
082211-148-206K	Coarse Coat Plaster	Room 57 / Ground Floor	None Detected
082211-148-206L	Coarse Coat Plaster	Hall / Ground Floor	None Detected
082211-148-206M	Coarse Coat Plaster	Rear Hall / Basement	Trace Chrysotile
082211-148-207A	Skim Coat Plaster	Room 305 / 3rd Floor	None Detected
082211-148-207B	Skim Coat Plaster	Girls Room / 3rd Floor	None Detected
082211-148-207C	Skim Coat Plaster	Hall / 3rd Floor	None Detected
082211-148-207D	Skim Coat Plaster	Room 206 / 2nd Floor	None Detected
082211-148-207E	Skim Coat Plaster	Hall / 2nd Floor	None Detected
082211-148-207F	Skim Coat Plaster	Boys Room / 2nd Floor	None Detected
082211-148-207G	Skim Coat Plaster	Cape Cod Room / 1st Floor	None Detected
082211-148-207H	Skim Coat Plaster	Rear Hall / 1st Floor	None Detected
082211-148-207I	Skim Coat Plaster	Principals Office / 1st Floor	None Detected
082211-148-207J	Skim Coat Plaster	1st Aid Station / Ground Level	None Detected
082211-148-207K	Skim Coat Plaster	Room 57 / Ground Floor	None Detected
082211-148-207L	Skim Coat Plaster	Hall / Ground Floor	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-207M	Skim Coat Plaster	Rear Hall / Basement	None Detected
082211-148-208A	Coarse Coat Ceiling Plaster	Hall @ Room 304 / 3rd Floor	None Detected
082211-148-208B	Coarse Coat Ceiling Plaster	Room 58 / Ground Floor	None Detected
082211-148-208C	Coarse Coat Ceiling Plaster	Hall @ Pride Room / 1st Floor	None Detected
082211-148-209A	Skim Coat Ceiling Plaster	Hall @ Room 304 / 3rd Floor	None Detected
082211-148-209B	Skim Coat Ceiling Plaster	Room 58 / Ground Floor	None Detected
082211-148-209C	Skim Coat Ceiling Plaster	Hall @ Pride Room / 1st Floor	None Detected
082211-148-210A	Coarse Coat Beam Plaster	Rear Hall @ Stairs / 2nd Floor	Trace Chrysotile
082211-148-210B	Coarse Coat Beam Plaster	Boys Room / 2nd Floor	None Detected
082211-148-210C	Coarse Coat Column Plaster	Cafeteria / Ground Floor	Trace Chrysotile
082211-148-211A	Skim Coat Beam Plaster	Rear Hall @ Stairs / 2nd Floor	None Detected
082211-148-211B	Skim Coat Beam Plaster	Boys Room / 2nd Floor	None Detected
082211-148-211C	Skim Coat Column Plaster	Cafeteria / Ground Floor	None Detected
082211-148-212A	Skim Coat Plaster on Decorative Moulding	Auditorium / 2nd Floor	None Detected
082211-148-212B	Skim Coat Plaster on Decorative Moulding	Auditorium / 2nd Floor	None Detected
082211-148-212C	Skim Coat Plaster on Decorative Moulding	Auditorium / 1st Floor	None Detected
082211-148-213A	Elevator Shaft Plaster	3rd Floor	Trace Chrysotile
082211-148-213B	Elevator Shaft Plaster	2nd Floor	Trace Chrysotile
082211-148-213C	Elevator Shaft Plaster	1st Floor	Trace Chrysotile
082211-148-214A	Textured Coating on Concrete Wall	Fan Unit Room / Basement	None Detected
082211-148-214B	Textured Coating on Concrete Wall	Fan Unit Room / Basement	None Detected
082211-148-214C	Textured Coating on Concrete Wall	Fan Unit Room / Basement	None Detected
082211-148-215A	Sheetrock	Gym / Basement	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-215B	Sheetrock	Room 211 / 2nd Floor	None Detected
082211-148-215C	Sheetrock	Room 310 / 3rd Floor	None Detected
082211-148-216A	Joint Compound	Gym / Basement	None Detected
082211-148-216B	Joint Compound	Room 55 / Ground Floor	None Detected
082211-148-216C	**Joint Compound**	**Auditorium Stage Area / 1st Floor**	**2% Chrysotile**
082211-148-216D	Joint Compound	Nurses Office / 1st Floor	None Detected
082211-148-216E	Joint Compound	Auditorium Store Room / 2nd Floor	None Detected
082211-148-216F	Joint Compound	Hall @ Rear Stairs / 2nd Floor	None Detected
082211-148-216G	Joint Compound	Hall / 3rd Floor	None Detected
082211-148-216H	Joint Compound	Room 317 / 3rd Floor	None Detected
082211-148-217A	Fire Brick – Inner Walls	Room 304 / 3rd Floor	None Detected
082211-148-217B	Fire Brick – Inner Walls	Janitor Closet / 2nd Floor	None Detected
082211-148-218A	Mortar associated with 217A	Room 304 / 3rd Floor	None Detected
082211-148-218B	Mortar associated with 217B	Janitor Closet / 2nd Floor	None Detected
082211-148-219A	White Brick	Laundry Room / Basement	None Detected
082211-148-219B	White Brick	Laundry Room / Basement	None Detected
082211-148-220A	Mortar associated with 219A	Laundry Room / Basement	None Detected
082211-148-220B	Mortar associated with 219B	Laundry Room / Basement	None Detected
082211-148-221A	Yellow Brick	Exterior	None Detected
082211-148-221B	Yellow Brick	Interior	None Detected
082211-148-222A	Mortar associated with 221A	Exterior	None Detected
082211-148-222B	Mortar associated with 221B	Interior	None Detected
082211-148-223A	Sandstone	Exterior Façade	None Detected
082211-148-223B	Sandstone	Exterior Façade	None Detected
082211-148-224A	Mortar associated with 223A	Exterior Façade	None Detected
082211-148-224B	Mortar associated with 223B	Exterior Façade	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-225A	CMU Block	Girls Room / Basement	None Detected
082211-148-225B	CMU Block	Girls Room / 2nd Floor	None Detected
082211-148-226A	Mortar associated with 225A	Girls Room / Basement	None Detected
082211-148-226B	Mortar associated with 225B	Girls Room / 2nd Floor	None Detected
082211-148-227A	CMU Block Coating	Girls Room / Basement	None Detected
082211-148-227B	CMU Block Coating	Girls Room / 2nd Floor	None Detected
082211-148-228A	Ceramic Tile	Boys Room / 3rd Floor	None Detected
082211-148-228B	Ceramic Tile	Kitchen / Ground Floor	None Detected
082211-148-229A	Grout/Glue associated with 228A	Boys Room / 3rd Floor	None Detected
082211-148-229B	Grout/Glue associated with 228B	Kitchen / Ground Floor	None Detected
082211-148-230A	Brown Gauze Vibration Cloth on HVAC Duct	Penthouse @ Roof	None Detected
082211-148-230B	Brown Gauze Vibration Cloth on HVAC Duct	Penthouse @ Roof	None Detected
082211-148-231A	Tar Gravel Roof, Top Layer	Main Roof	None Detected
082211-148-231B	Tar Gravel Roof, Top Layer	Auditorium Roof	None Detected
082211-148-232A	Paper beneath Tar Gravel Roof, 2nd Layer	Main Roof	None Detected
082211-148-232B	Paper beneath Tar Gravel Roof, 2nd Layer	Auditorium Roof	None Detected
082211-148-233A	Concrete Deck, 3rd layer	Main Roof	None Detected
082211-148-233B	Concrete Deck, 3rd layer	Auditorium Roof	None Detected
082211-148-234A	**Flashing Membrane**	**Main Roof**	**15% Chrysotile**
082211-148-234B	**Flashing Membrane**	**Main Roof**	**Sample Not Analyzed**
082211-148-235A	Tar/Paper beneath Flashing Membrane	Main Roof	Trace Chrysotile
082211-148-235B	Tar/Paper beneath Flashing Membrane	Main Roof	Trace Chrysotile
082211-148-236A	**Light Gray Sealant @ Copper Flashing**	**Base of Penthouse @ Roof**	**15% Chrysotile**
082211-148-236B	**Light Gray Sealant @ Copper Flashing**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-237A	**Black Tar Sealant on Copper Flashing**	**Base of Penthouse @ Roof**	**10% Chrysotile**

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Sample ID	Description	Location	Asbestos Concentration
082211-148-237B	**Black Tar Sealant at Penetration Bases**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-238A	**Gray Sealant @ Penetration Bases**	**Auditorium Roof**	**20% Chrysotile**
082211-148-238B	**Gray Sealant @ Penetration Bases**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-239A	Black Rubber Membrane on Copper Cornice	Main Roof	None Detected
082211-148-239B	Black Rubber Membrane on Base of new HVAC Stack	Main Roof	None Detected
082211-148-240A	Sealant associated with 239A	Main Roof	None Detected
082211-148-240B	Sealant associated with 239B	Main Roof	None Detected
082211-148-241A	**Rolled Asphalt on HVAC Duct**	**Auditorium Roof**	**5% Chrysotile**
082211-148-241B	**Rolled Asphalt on HVAC Duct**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-242A	**Black Sealant associated with 241A**	**Auditorium Roof**	**2% Chrysotile**
082211-148-242B	**Black Sealant associated with 241B**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-243A	**Black Coating on Fiberglass HVAC Duct Panels**	**Auditorium Roof**	**10% Chrysotile**
082211-148-243B	**Black Coating on Fiberglass HVAC Duct Panels**	**Auditorium Roof**	**Sample Not Analyzed**
082211-148-244A	Yellow Stick Pin Glue associated with 243A	Auditorium Roof	None Detected
082211-148-244B	Yellow Stick Pin Glue associated with 243B	Auditorium Roof	None Detected
082211-148-245A	Asphalt Shingles on Wood Window Bump-out	Auditorium Roof	None Detected
082211-148-245B	Asphalt Shingles on Wood Window Bump-out	Auditorium Roof	None Detected
082211-148-246A	Brown Window Caulking on Brown Metal Windows	Exterior @ Auditorium Roof	None Detected
082211-148-246B	Brown Window Caulking on Brown Metal Windows	Exterior @ 3rd Floor Front Windows	None Detected
082211-148-246C	Brown Window Caulking on Brown Metal Windows	Exterior @ 1st Floor Front Windows	None Detected
082211-148-246D	Brown Window Caulking on Brown Metal Windows	Exterior @ Basement @ Side Windows	None Detected
082211-148-247A	**Black Glazing on Plexiglass in Brown Metal Windows**	**Exterior @ Auditorium Roof**	**40% Chrysotile**

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Sample ID	Description	Location	Asbestos Concentration
082211-148-247B	**Black Glazing on Plexiglass in Brown Metal Windows**	**Exterior @ 3rd Floor Front Windows**	**Sample Not Analyzed**
082211-148-247C	**Black Glazing on Plexiglass in Brown Metal Windows**	**Exterior @ 1st Floor Front Windows**	**Sample Not Analyzed**
082211-148-247D	**Black Glazing on Plexiglass in Brown Metal Windows**	**Exterior @ Basement @ Side Windows**	**Sample Not Analyzed**
082211-148-248A	Fiber Paper inside Blue Window Panels in Brown Metal Windows	Exterior @ Auditorium Roof	None Detected
082211-148-248B	Fiber Paper inside Blue Window Panels in Brown Metal Windows	Exterior @ Auditorium Roof	None Detected
082211-148-249A	Gray Seam Sealant on Blue Window Panels in Brown Metal Windows	Exterior @ Auditorium Roof	None Detected
082211-148-249B	Gray Seam Sealant on Blue Window Panels in Brown Metal Windows	Exterior @ Auditorium Roof	None Detected
082211-148-250A	**Gray Window Caulking on Gray Metal Windows**	**Exterior @ 1st Floor Rear of Building**	**20% Chrysotile**
082211-148-250B	**Gray Window Caulking on Gray Metal Windows**	**Exterior @ 3rd Floor Rear of Building**	**Sample Not Analyzed**
082211-148-251A	**White Window Glazing on Gray Metal Windows**	**Interior @ 1st Floor Rear of Building**	**3% Chrysotile**
082211-148-251B	**White Window Glazing on Gray Metal Windows**	**Interior @ 3rd Floor Rear of Building**	**Sample Not Analyzed**
082211-148-252A	**White Window Caulking, Top Layer, Old Wood Windows**	**Exterior @ Penthouse**	**15% Chrysotile**
082211-148-252B	**White Window Caulking, Top Layer, Old Wood Windows beneath Brown Metal Windows**	**Exterior @ Auditorium Roof**	**Sample Not Analyzed**
082211-148-252C	**White Window Caulking, Top Layer, Old Wood Windows beneath Brown Metal Windows**	**Exterior @ 1st Floor Front of Building**	**Sample Not Analyzed**
082211-148-253A	**Gray Window Caulking, 2nd Layer beneath 252A**	**Exterior @ Penthouse**	**15% Chrysotile**
082211-148-253B	**Gray Window Caulking, 2nd Layer beneath 252A**	**Exterior @ Auditorium Roof**	**Sample Not Analyzed**
082211-148-253C	**Gray Window Caulking, 2nd Layer beneath 252A**	**Exterior @ 1st Floor Front of Building**	**Sample Not Analyzed**
082211-148-254A	Black Rubber Caulking @ Small Brown Metal Windows	Exterior @ Front Entrance	None Detected
082211-148-254B	Black Rubber Caulking @ Wood Framed Broken Window	Exterior @ Front Entrance	None Detected

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Sample ID	Description	Location	Asbestos Concentration
082211-148-255A	Light Gray Rubber Expansion Caulking @ Foundation/Concrete	Exterior @ Side Entrance	None Detected
082211-148-255B	Light Gray Rubber Expansion Caulking @ Foundation/Concrete	Exterior @ Side Entrance	None Detected
082211-148-256A	**White Seam Filler above Window @ Stone**	**Exterior @ Auditorium Roof**	**15% Chrysotile**
082211-148-256B	**White Seam Filler above Window @ Stone**	**Exterior @ Auditorium Roof**	**Sample Not Analyzed**
082211-148-257A	White Rubber Sealant on Metal Flashing Base	Exterior @ Rear 1st Floor Area	None Detected
082211-148-257B	White Rubber Sealant on Metal Flashing Base	Exterior @ Rear 1st Floor Area	None Detected
082211-148-258A	Black Door Frame Caulking	Exterior @ 1st Floor Side Entrance	None Detected
082211-148-258B	Black Door Frame Caulking	Exterior @ 1st Floor Side Entrance	None Detected
082211-148-259A	**Black Mastic on Brick Foundation**	**Exterior @ Rear Base of Building**	**20% Chrysotile**
082211-148-259B	**Black Mastic on Brick Foundation**	**Exterior @ Rear Base of Building**	**Sample Not Analyzed**
082211-148-260A	Horsehair Fibrous Vapor Barrier behind Brick	Exterior @ Auditorium Roof	None Detected
082211-148-260B	Horsehair Fibrous Vapor Barrier behind Brick	Exterior @ Auditorium Roof	None Detected
082211-148-261A	Black Rubber Vapor Barrier	Exterior @ Rear of Building	None Detected
082211-148-261B	Black Rubber Vapor Barrier	Exterior @ Rear of Building	None Detected
082211-148-262A	Stairwell Paint on Brick	Interior Rear Stairwell / 3rd Floor	None Detected
082211-148-262B	Stairwell Paint on Brick	Interior Front Stairwell / 1st Floor	None Detected
082911-148-263A	Terazzo Floor	2nd Floor Hallway	None Detected
082911-148-263B	Terazzo Floor	3rd Floor Hallway	None Detected
082911-148-264A	Sand-like concrete Subfloor – Top Layer	1st Floor	2% Chrysotile
082911-148-264B	Sand-like concrete Subfloor – Top Layer	1st Floor	5% Chrysotile
082911-148-264C	Sand-like concrete Subfloor – Top Layer	Ground Floor	Sample Not Analyzed

Asbestos PLM Bulk Sample Analysis Results
Old Quincy High School
Quincy, Massachusetts

Sample ID	Description	Location	Asbestos Concentration
082911-148-265A	Concrete Subfloor – Bottom Layer	3rd Floor	2% Chrysotile
082911-148-265B	Concrete Subfloor – Floor beneath 264B	1st Floor	None Detected
082911-148-266A	Grey Coating on Concrete Floor	Auditorium – 1st Floor	None Detected
082911-148-266B	Grey Coating on Concrete Floor	Auditorium – 1st Floor	None Detected
082911-148-267A	Insulation Debris on Pipes in Floor Chase	Basement	None Detected
082911-148-267B	Insulation Debris on Pipes in Floor Chase	Basement	None Detected
082911-148-267C	Insulation Debris on Pipes in Floor Chase	Basement	None Detected
091411-148-1A	Pink Blown-in Insulation	Penthouse Eaves	None Detected
091411-148-1B	Pink Blown-in Insulation	Penthouse Eaves	None Detected

Asbestos PLM Point Count Sample Analysis Results
Old Quincy High School
Quincy, Massachusetts

Sample ID	Description	Location	Asbestos Concentration
082911-148-216C	Joint Compound	Auditorium Stage Area	1.25% Chrysotile

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 02, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77130 CLIENT PROJECT ID: 1076.727
Client Ref: City of Quincy , Old QHS - 12x12 FT
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-1A	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Dark blue mottled floor tile
Location: Ground floor , Store room C near stairs
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-1B	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Dark blue mottled floor tile
Location: Ground floor , Store room C near stairs
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-2A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 1A
Location: Ground floor , Store room C near stairs
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-2B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 1B
Location: Ground floor , Store room C near stairs
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-3A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Red floor tile
Location: Ground floor , Room 64
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-3B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Red floor tile
Location: Ground floor , Room 64
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-4A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 3A
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-4B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 3B
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-5A	Beige	3	0	0	0	0	0	0	0	0	0	0	0	97

Description: 12x12 Olive mottled floor tile
Location: Ground floor , Room 62
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-5B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Olive mottled floor tile
Location: Ground floor , Room 62
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-6A	Black	3	0	0	0	0	0	0	0	TR	0	0	0	97

Description: Black mastic associated with 5A
Location: Ground floor , Room 62
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-6B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 5B
Location: Ground floor , Room 62
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-7A	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Blue with black dot floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-7B	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Blue with black dot floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-8A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 7A
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-8B	Yellow	0	0	0	0	0	0	0	0	TR	TR	0	0	100

Description: Yellow mastic associated with 7B
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-9A	Lt. Green	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Green mottled floor tile
Location: Ground floor , Hall next to Room 62
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-9B	Lt. Green	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Green mottled floor tile
Location: Ground floor , Hall next to Room 62
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-10A	Black	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Black mastic associated with 9A
Location: Ground floor , Hall next to Room 62
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-10B	Black	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Black mastic associated with 9B
Location: Ground floor , Hall next to Room 62
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-11A	Brown	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 12x12 Dark brown mottled floor tile
Location: 1st floor , Mirrored room behind stage auditorium
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-11B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Dark brown mottled floor tile
Location: 1st floor , Storage room behind stage auditorium , beneath checkered linoleum
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-12A	Black	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Black mastic associated with 11A
Location: 1st floor - Mirrored room behind stage auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-12B	Black	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Black mastic associated with 11B
Location: 1st floor , Storage room behind stage auditorium , beneath checkered linoleum
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-13A	Black	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 12x12 Black floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-13B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Black floor tile
Location: Ground floor , Room 54
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-14A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Black mastic associated with 13A
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-14B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 13B
Location: Ground floor , Room 54
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-15A	Beige	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Flesh mottled floor tile
Location: 3rd floor , Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-15B	Beige	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Flesh mottled floor tile
Location: 1st floor , Auditorium step up to stage
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-16A	Multi	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Mastic associated with 15A
Location: 3rd floor , Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-16B	Multi	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Mastic associated with 15B
Location: 1st floor , Auditorium step up to stage
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-17A	Brown	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 12x12 Orange mottled floor tile
Location: 3rd floor , Room 305
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-17B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Orange mottled floor tile
Location: 3rd floor , Room 305
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-18A	Black	2	0	0	0	0	0	0	0	TR	0	0	0	98

Description: Black mastic associated with 17A
Location: 3rd floor , Room 305
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-18B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 17B
Location: 3rd floor , Room 305
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-19A	Beige	3	0	0	0	0	0	0	0	0	0	0	0	97

Description: 12x12 Yellow with gold speck floor tile
Location: 3rd floor , Room 305
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-19B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Yellow with gold speck floor tile
Location: 3rd floor , Room 305
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-20A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 19A
Location: 3rd floor , Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-20B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 19B
Location: 3rd floor , Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-21A	Beige	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 12x12 Lime mottled floor tile
Location: 3rd floor , Room 306
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-21B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Lime mottled floor tile
Location: 3rd floor , Room 306
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-22A	Black	5	0	0	0	0	0	0	0	TR	0	0	0	95

Description: Black mastic associated with 21A
Location: Associated with 21A
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-22B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 21B
Location: 3rd floor , Room 306
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-23A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Tan with white and brown fleck floor tile
Location: 2nd floor , Room 214
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-23B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Tan with white and brown fleck floor tile
Location: 2nd floor , Room 214
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-24A	Black	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Black mastic associated with 23A
Location: 2nd floor , Room 214
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-24B	Black	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Black mastic associated with 23B
Location: 2nd floor , Room 214
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-25A	Brown	3	0	0	0	0	0	0	0	0	0	0	0	97

Description: 12x12 Brown with brown and white speck floor tile
Location: 2nd floor , Hall C near stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-25B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Brown with brown and white speck floor tile
Location: 2nd floor , Hall C near stairs
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-26A	Black	5	0	0	0	0	0	0	0	TR	0	0	0	95

Description: Black mastic associated with 25A
Location: 2nd floor , Hall C near stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-26B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 25B
Location: 2nd floor , Hall C near stairs
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-27A	White	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 12x12 Beige with brown and white fleck floor tile
Location: 2nd floor , Hall C near stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-27B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12x12 Beige with brown and white fleck floor tile
Location: 2nd floor , Auditorium behind stage
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-28A	Black	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Black mastic associated with 27A
Location: 2nd floor , Hall C near stairs
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-28B	Black	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Black mastic associated with 27B
Location: 2nd floor , Auditorium behind stage
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-29A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 White mottled floor tile
Location: 3rd floor , Hall between Room 317 and 318
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-29B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 White mottled floor tile
Location: 3rd floor , Hall between Room 317 and 318
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-30A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Mastic associated with 29A
Location: 3rd floor , Hall between Room 317 and 318
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-30B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Mastic associated with 29B
Location: 3rd floor , Hall between Room 317 and 318
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-31A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 White with black streak floor tile
Location: 3rd floor , Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-31B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 White with black streak floor tile
Location: 3rd floor , Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-32A	Brown	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Black mastic associated with 31A
Location: 3rd floor , Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-32B	Brown	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Black mastic associated with 31B
Location: 3rd floor , Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-33A	Lt. Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Light grey mottled floor tile
Location: 3rd floor , Hall to New Building
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-33B	Lt. Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Light grey mottled floor tile
Location: 2nd floor , Hall to New Building
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-34A	Yellow	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Yellow mastic associated with 33A
Location: 3rd floor , Hall to New Building
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-34B	Yellow	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Yellow mastic associated with 33B
Location: 2nd floor , Hall to New Building
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-35A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Dark grey mottled floor tile
Location: 1st floor , College counseling office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-35B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Dark grey mottled floor tile
Location: 1st floor , College counseling office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-36A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 35A
Location: 1st floor , College counseling office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-36B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 35B
Location: 1st floor , College counseling office
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-37A	Lt. Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Light blue mottled floor tile
Location: 3rd floor , Extra holding room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-37B	Lt. Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Light blue mottled floor tile
Location: 3rd floor , Extra holding room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-38A	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 37A
Location: 3rd floor , Extra holding room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-38B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 37B
Location: 3rd floor , Extra holding room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-39A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey with black and white slash floor tile
Location: Ground floor , Room 55
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-39B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey with black and white slash floor tile
Location: Ground floor , Room 55
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-40A	Yellow	0	0	0	0	0	0	0	0	TR	0	TR	0	100

Description: Yellow mastic associated with 39A
Location: Ground floor , Room 55
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-40B	Yellow	0	0	0	0	0	0	0	0	TR	TR	TR	0	100

Description: Yellow mastic associated with 39B
Location: Ground floor , Room 55
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-41A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey speckled floor tile
Location: Ground floor , Room 55
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-41B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey speckled floor tile
Location: Ground floor , Room 59
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-42A	Multi	2	0	0	0	0	0	0	0	TR	0	0	0	98

Description: Mastic associated with 41A
Location: Ground floor , Room 55
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-42B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Mastic associated with 41B
Location: Ground floor , Room 59
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-43A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey with black fleck floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-43B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Grey with black fleck floor tile
Location: 2nd floor , Room 205
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-44A	Black	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Mastic associated with 43A
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-44B	Black	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Mastic associated with 43B
Location: 2nd floor , Room 205
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-45A	Beige	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Beige speckled floor tile
Location: 2nd floor , Room 203A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-45B	Beige	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 12x12 Beige speckled floor tile
Location: 3rd floor , Room 301
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy , Old QHS - 12x12 FT
Method: EPA/600/R-93/116

Batch: **B77130**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/1/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-46A	Yellow	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Yellow mastic associated with 45A
Location: 2nd floor , Room 203A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-46B	Yellow	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Yellow mastic associated with 45B
Location: 3rd floor , Room 301
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Robert West

B 77130

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 4

PROJECT: OLD QHS - 12x12 FT

REQUESTED TAT: 5 DAY

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-1A	Ground	12x12 DARK BLUE MOTTLED FLOOR TILE - ~~BASEMENT~~ Ground Fl STOREROOM BY REAR STAIRS	
082211-148-1B		" " " " "	
082211-148-2A		YELLOW MASTIC ASSOCIATED WITH 1A	
082211-148-2B		" " " 1B	
082211-148-3A		12x12 RED FLOOR TILE - ~~GROUND FL~~ Room 64	
082211-148-3B		" " " " "	
082211-148-4A		YELLOW MASTIC ASSOCIATED WITH 3A	
082211-148-4B		" " " 3B	
082211-148-5A		12x12 OLIVE MOTTLED FLOOR TILE - ~~GROUND FL~~ Room 62	
082211-148-5B		" " " "	
082211-148-6A		BLACK MASTIC ASSOCIATED WITH 5A	
082211-148-6B		" " " 5B	
082211-148-7A		12x12 BLUE WITH BLACK DOT FLOOR TILE - ~~GROUND FL~~ Room 57	
082211-148-7B		" " " "	
082211-148-8A		YELLOW MASTIC ASSOCIATED WITH 7A	
082211-148-8B		" " " 7B	
082211-148-9A		12x12 GREEN MOTTLED FLOOR TILE - ~~GROUND FL~~ Hall NEXT TO Room 62	
082211-148-9B		" " " " "	
082211-148-10A		BLACK MASTIC ASSOCIATED WITH 9A	
082211-148-10B		" " " 9B	
082211-148-11A	1ST	12x12 DARK BROWN MOTTLED FLOOR TILE - 1ST FLOOR - MIRRORED ROOM BEHIND STAGE Auditorium	
082211-148-11B		" " " BENEATH CHECKERED LINOLEUM - 1ST FLOOR STORAGE ROOM behind STAGE Auditorium	
082211-148-12A		BLACK MASTIC ASSOCIATED WITH 11A	
082211-148-12B		" " " 11B	
082211-148-13A	Ground	12x12 BLACK FLOOR TILE - ~~GROUND FL~~ Room 54	
082211-148-13B		" " " "	

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 08/22/11

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

~92

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/11 RECEIVED BY: _____ DATE: 8-29-11

63A

B 77130

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: OLD QHS - 12X12 FT

REQUESTED TAT: 5 DAY

JOB #: 1076.727

BATCH #:

CLIENT NAME: CITY OF QUINCY

SAMPLER'S NAME: B. MCBIRNEY

SIGNATURE:

DATE: 08/22/4

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-14A	Ground	Black MASTIC Associated with 13A	
082211-148-14B		" " " " 13B	
082211-148-15A	3rd	12x12 FLESH MOTTLED FLOOR TILE - 3rd Fl Room 305	
082211-148-15B	1ST	" " " - 1ST Fl Auditorium step up to STAGE	
082211-148-16A	3rd	~~Black~~ MASTIC Associated with 15A	
082211-148-16B	1ST	" " " 15B	
082211-148-17A	3rd	12x12 ORANGE MOTTLED FLOOR TILE - 3rd Fl Room 305	
082211-148-17B		" " " "	
082211-148-18A		Black MASTIC Associated with 17A	
082211-148-18B		" " " 17B	
082211-148-19A		12x12 YELLOW WITH Gold Speck FLOOR TILE - 3rd Fl Room 305	
082211-148-19B		" " " " "	
082211-148-20A		YELLOW MASTIC Associated with 19A	
082211-148-20B		" " " " 19B	
082211-148-21A		12x12 Lime Mottled floor tile - 3rd Fl Room 306	
082211-148-21B		" " " " "	
082211-148-22A		Black MASTIC Associated with 21A	
082211-148-22B		" " " " 21B	
082211-148-23A	2nd	12x12 TAN WITH WHITE AND BROWN Flecks FLOOR TILE - 2nd Fl Room 214	
082211-148-23B		" " " " " "	
082211-148-24A		Black MASTIC Associated with 23A	
082211-148-24B		" " " 23B	
082211-148-25A		12x12 BROWN WITH BROWN + WHITE Speck floor tile - 2nd Fl - Hallway near STAIRS	
082211-148-25B		" " " " "	
082211-148-26A		Black MASTIC Associated with 25A	
082211-148-26B		" " " " 25B	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/4 RECEIVED BY: _____ DATE: _____

B77130

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES | **ASBESTOS BULK DATA FORM** | CHAIN OF CUSTODY | PAGE: 3 OF 4

PROJECT: OLD QHS - 12X12 FT

REQUESTED TAT: 5 DAY

JOB #: 1076.727

BATCH #:

CLIENT NAME: CITY OF QUINCY

SAMPLER'S NAME: B. McBIRNEY

SIGNATURE:

DATE: 08/22/11

LAB NAME: PRO Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-27A	2nd	12x12 Beige with Brown & white Flecks Floor Tile - 2nd Fl Hall near stairs	
082211-148-27B	1ST	" " " " " - 1ST Fl Auditorium behind stage	
082211-148-28A	2nd	Black Mastic Associated with 27A	
082211-148-28B	1ST	" " " " 27B	
082211-148-29A	3rd	12x12 White Mottled Floor tile - 3rd Fl Hall between Rooms 317 & 318	
082211-148-29B		" " " " "	
082211-148-30A		Mastic Associated with 29A	
082211-148-30B		" " " 29B	
082211-148-31A		12x12 White with Black streak Floor Tile 3rd Fl Room 306	
082211-148-31B		" " " " "	
082211-148-32A		Black Mastic Associated with 31A	
082211-148-32B		" " " 31B	
082211-148-33A		12x12 Light Gray Mottled floor tile - 3rd Fl - Hall to New Building	
082211-148-33B	2nd	" " " " - 2nd Fl Hall to New Building	
082211-148-34A		Yellow Mastic Associated with 33A	
082211-148-34B		" " " 33B	
082211-148-35A	1ST	12x12 Dark gray mottled floor tile. 1st Fl - College Counseling Office	
082211-148-35B		" " " " "	
082211-148-36A		Yellow Mastic Associated with 35A	
082211-148-36B		" " " 35B	
082211-148-37A	3rd	12x12 Light Blue Mottled floor tile - 3rd Fl Extra Holding Room	
082211-148-37B		" " " " "	
082211-148-38A		Yellow Mastic Associated with 37A	
082211-148-38B		" " " 37B	
082211-148-39A	Ground	12x12 Gray with Black and White Slash Floor Tile - ~~Basement~~ Ground Fl Room 55	
082211-148-39B		" " " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/11 RECEIVED BY: _____ DATE: _____

B 77130

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 4 OF 4

PROJECT: OLD QHS - 12x12FT

REQUESTED TAT: 5 DAY

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 08/22/11

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-40A	Ground	Yellow mastic associated with 39A	
082211-148-40B		" " " 39B	
082211-148-41A		12x12 Gray speckled floor tile ~~Basement~~ Ground Room 55	
082211-148-41B		" " " - ~~Basement~~ Room 59	
082211-148-42A		mastic associated with 41A	
082211-148-42B		" " " 41B	
082211-148-43A		12x12 Gray with Black Fleck floor tile - ~~Basement~~ Room 57	
082211-148-43B		" " " - 2nd Fl Room 205	
082211-148-44A		mastic associated with 43A	
082211-148-44B		" " " 43B	
082211-148-45A	2nd	12x12 Beige speckled floor tile - 2nd Fl Room 203A	
082211-148-45B	3rd	" " " - 3rd Fl Room 301	
082211-148-46A	2nd	Yellow mastic associated with 45A	
082211-148-46B	3rd	" " " 45B	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/11 RECEIVED BY: _____ DATE: _____

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 02, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77127 CLIENT PROJECT ID: 1076.727
Client Ref: City of Quincy, Old QHS - 9x9 FT
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-47A	Blue	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 9x9 Blue with white streak floor tile
Location: Ground floor - Storage room near the stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-47B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Blue with white streak floor tile
Location: Ground floor - Room 67
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-48A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black mastic associated with 47A
Location: Ground floor - Storage room near the stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-48B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 47B
Location: Ground floor - Room 67
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-49A	Green	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 9x9 Green with white and green streak floor tile
Location: Ground floor - Kitchen storage
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-49B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Green with white and green streak floor tile
Location: 3rd floor , Room 301
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-50A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black mastic associated with 49A
Location: Ground floor - Kitchen storage
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-50B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 49B
Location: 3rd floor , Room 301
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-51A	Green	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Dark green floor tile
Location: Ground floor - Kitchen foyer
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-51B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Dark green floor tile
Location: Ground floor - Kitchen foyer
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-52A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 51A
Location: Ground floor - Kitchen foyer
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-52B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 51B
Location: Ground floor - Kitchen foyer
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-53A	Olive	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: 9x9 Olive floor tile
Location: 1st floor, Cape Cod room
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-53B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Olive floor tile
Location: 3rd floor , Room 309
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-54A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black mastic associated with 53A
Location: 1st floor, Cape Cod room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-54B	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 53B
Location: 3rd floor , Room 309
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-55A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Black floor tile
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-55B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Black floor tile
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-56A	Yellow	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 55A
Location: 3rd floor , Room 312
Comments: Mastic not black
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-56B	Yellow	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 55B
Location: 3rd floor , Room 312
Comments: Mastic not black
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-57A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Flesh mottled floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-57B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Flesh mottled floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-58A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 57A
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-58B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 57B
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-59A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Maroon floor tile
Location: 3rd floor , Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-59B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Maroon floor tile
Location: 3rd floor , Room 303
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-60A	Black	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: Black mastic associated with 59A
Location: 3rd floor , Room 300
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-60B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 59B
Location: 3rd floor , Room 303
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-61A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark red floor tile
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-61B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark red floor tile
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-62A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 61A
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-62B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 61B
Location: Ground floor , Room 64
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-63A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Maroon mottled floor tile
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-63B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Maroon mottled floor tile
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-64A	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 63A
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-64B	Black	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Black mastic associated with 63B
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-65A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Red mottled floor tile
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-65B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Red mottled floor tile
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-66A	Black	5	0	0	0	0	0	0	0	2	0	0	0	93

Description: Black mastic associated with 65A
Location: 3rd floor , Room 312
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-66B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 65B
Location: 3rd floor , Room 312
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-67A	Red	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: 9x9 Red with white and grey streak floor tile
Location: 3rd floor , Room 315
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-67B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Red with white and grey streak floor tile
Location: 3rd floor , Room 315
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-68A	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 67A
Location: 3rd floor , Room 315
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-68B	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 67B
Location: 3rd floor , Room 315
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-69A	Red	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Red with white and orange streak floor tile
Location: 3rd floor , Room 303
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-69B	Red	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Red with white and orange streak floor tile
Location: 3rd floor , Room 301
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-70A	Black	10	0	0	0	0	0	0	0	2	0	0	0	88

Description: Black mastic associated with 69A
Location: 3rd floor , Room 303
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-70B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 69B
Location: 3rd floor , Room 301
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-71A	Olive	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Bright orange floor tile
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-71B	Olive	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Bright orange floor tile
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-72A	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 71A
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-72B	Black	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Black mastic associated with 71B
Location: 3rd floor , Room 313
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-73A	Pink	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 9x9 Pink floor tile
Location: 3rd floor , Room 303
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-73B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Pink floor tile
Location: 1st floor , Suite across from guidance
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-74A	Black	10	0	0	0	0	0	0	0	2	0	0	0	88

Description: Black mastic associated with 73A
Location: 3rd floor , Room 303
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-74B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 73B
Location: 1st floor , Suite across from guidance
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-75A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 White with black dot floor tile
Location: 3rd floor , Room 303 , closet
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-75B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 White with black dot floor tile
Location: 3rd floor , Room 303 , closet
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-76A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 75A
Location: 3rd floor , Room 303 , closet
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-76B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 75B
Location: 3rd floor , Room 303 , closet
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-77A	White	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 9x9 White with gold streak floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-77B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 White with gold streak floor tile
Location: Ground floor , Room 54
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-78A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black mastic associated with 77A
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-78B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 77B
Location: Ground floor , Room 54
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-79A	White	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: 9x9 White floor tile
Location: 3rd floor , Foyer C , Room 318/318A
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-79B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 White floor tile
Location: 3rd floor , Foyer C , Room 318/318A
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-80A	Black	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: Black mastic associated with 79A
Location: 3rd floor , Foyer C , Room 318/318A
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-80B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 79B
Location: 3rd floor , Foyer C , Room 318/318A
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-81A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 White with black speck floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-81B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 White with black speck floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-82A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 81A
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-82B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 81B
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-83A	Lt. Grey	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Light grey with black streak floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-83B	Lt. Grey	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Light grey with black streak floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-84A	Black	TR	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Black mastic associated with 83A
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-84B	Black	TR	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Black mastic associated with 83B
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-85A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark grey mottled floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-85B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark grey mottled floor tile
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-86A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 85A
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-86B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 85B
Location: 3rd floor , Room 302
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-87A	Lt. Grey	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Light grey mottled floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-87B	Lt. Grey	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Light grey mottled floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-88A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 87A
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-88B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow mastic associated with 87B
Location: Ground floor , Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-89A	Dk. Gray	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: 9x9 Grey with white and black streak floor tile
Location: Ground floor , Room 57
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-89B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Grey with white and black streak floor tile
Location: Ground floor , Room 57
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-90A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Black mastic associated with 89A
Location: Ground floor , Room 57
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-90B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 89B
Location: Ground floor , Room 57
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-91A	Beige	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Beige with white streak floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-91B	Beige	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Beige with white streak floor tile
Location: Ground floor , Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-92A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic associated with 91A
Location: Ground floor , Room 54
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-92B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic associated with 91B
Location: Ground floor , Room 54
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-93A	Tan	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Peach with white and brown streak floor tile
Location: 3rd floor , Room 317
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-93B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Peach with white and brown streak floor tile
Location: 3rd floor , Room 317
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-94A	Black	TR	0	0	0	0	0	0	0	2	0	0	0	98

Description: Black mastic associated with 93A
Location: 3rd floor , Room 317
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-94B	Black	TR	0	0	0	0	0	0	0	2	0	0	0	98

Description: Black mastic associated with 93B
Location: 3rd floor , Room 317
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-95A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Orange with white and brown streak floor tile
Location: 1st floor , Hall C near stairwell
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-95B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Orange with white and brown streak floor tile
Location: 3rd floor , Room 300
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-96A	Black	5	0	0	0	0	0	0	0	2	0	0	0	93

Description: Black mastic associated with 95A
Location: 1st floor , Hall C near stairwell
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-96B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 95B
Location: 3rd floor , Room 300
Comments: Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-97A	Tan	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: 9x9 Beige with white and brown streak floor tile
Location: 2nd floor , Foyer C , Room 210A
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-97B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Beige with white and brown streak floor tile
Location: 3rd floor , Room 313
Comments: Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-98A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black mastic associated with 97A
Location: 2nd floor , Foyer C , Room 210A
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-98B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 97B
Location: 3rd floor , Room 313
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-99A	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark brown with red and white streak floor tile
Location: 3rd floor , Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-99B	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: 9x9 Dark brown with red and white streak floor tile
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-100A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic associated with 99A
Location: 3rd floor , Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-100B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic associated with 99B
Location: 3rd floor , Room 312
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-101A	Multi	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Coffee with brown and white speck floor tile
Location: 1st floor , College counseling office
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-101B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Coffee with brown and white speck floor tile
Location: 1st floor , College counseling office
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-102A	Black	5	0	0	0	0	0	0	0	10	0	0	0	85

Description: Black mastic associated with 101A
Location: 1st floor , College counseling office
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-102B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 101B
Location: 1st floor , College counseling office
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-103A	Multi	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Brown with brown and white speck floor tile
Location: 3rd floor , Room 300
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-103B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Brown with brown and white speck floor tile
Location: 3rd floor , Room 309
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-104A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black mastic associated with 103A
Location: 3rd floor , Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-104B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black mastic associated with 103B
Location: 3rd floor , Room 309
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-105A	Brown	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Light brown with brown and white speck floor tile
Location: 3rd floor , Room 300
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-105B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Light brown with brown and white speck floor tile
Location: 3rd floor , Room 307
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-106A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Black mastic associated with 105A
Location: 3rd floor , Room 300
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-106B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 105B
Location: 3rd floor , Room 307
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-107A	Brown	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: 9x9 Light brown with multi-white speck floor tile
Location: 3rd floor , Room 310
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-107B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Light brown with multi-white speck floor tile
Location: 2nd floor , Room 213
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-108A	Black	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Black mastic associated with 107A
Location: 3rd floor , Room 310
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-108B	Black	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Black mastic associated with 107B
Location: 2nd floor , Room 213
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-109A	Brown	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: 9x9 Light brown with white and brown fleck floor tile
Location: 2nd floor , Hall C near stairwell
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-109B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 9x9 Light brown with white and brown fleck floor tile
Location: 2nd floor , Hall C near stairwell
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT
Method: EPA/600/R-93/116

Batch: **B77127**
Date Sampled: 8/22/2011
Date Received: 8/29/2011
Date Analyzed: 9/2/2011
Date of Report: 9/2/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-110A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Black mastic associated with 109A
Location: 2nd floor , Hall C near stairwell
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082211-148-110B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black mastic associated with 109B
Location: 2nd floor , Hall C near stairwell
Comments: Analyzed: No

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Dan Pine Valerie Stamm

B77127

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: OLD QHS - 9x9 FT

REQUESTED TAT: 5 DAY

JOB #: 1076.727

BATCH #:

CLIENT NAME: CITY OF Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 08/22/11

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA: ~128

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-47A	Ground	9x9 Blue with white streak floor tile ~~Basement~~ Ground Floor storage Room near Rear Stairs	
082211-148-47B		" " " " " ~~Basement~~ Room 67	
082211-148-48A		Black mastic associated with 47A	
082211-148-48B		" " " "	
082211-148-49A		9x9 Green with white & Green streak floor tile - Ground level kitchen stairs	
082211-148-49B	3rd	" " " " - 3rd Fl Room 301	
082211-148-50A	Ground	Black mastic associated with 49A	
082211-148-50B	3rd	" " " 49B	
082211-148-51A	Ground	9x9 Dark Green floor tile - Ground level kitchen Foyer	
082211-148-51B		" " " "	
082211-148-52A		Yellow mastic associated with 51A	
082211-148-52B		" " " 51B	
082211-148-53A	1ST	9x9 Blue floor tile - 1st Fl Cape Cod Room	
082211-148-53B		" " " - 3rd Fl Room 309	
082211-148-54A		Black mastic associated with 53A	
082211-148-54B		" " " " 53B	
082211-148-55A	3rd	9x9 Black floor tile - 3rd Fl Room 312	
082211-148-55B		" " " "	
082211-148-56A		Black mastic associated with 55A	
082211-148-56B		" " " " 55B	
082211-148-57A		9x9 Flesh mottled floor tile - 3rd Fl Room 302	
082211-148-57B		" " " "	
082211-148-58A		Yellow mastic associated with 57A	
082211-148-58B		" " " 57B	
082211-148-59A		9x9 Maroon floor tile - 3rd Fl Room 300	
082211-148-59B		" " " " Room 303	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/11 RECEIVED BY: _____ DATE: 8-29-11

63A

B 77127

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES

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ASBESTOS BULK DATA FORM

CHAIN OF CUSTODY

PROJECT: DLO QHS - 9x9

REQUESTED TAT: 5 Day

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 8/22/4

LAB NAME: Pro Screen

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-60A	3Rd	Black Mastic Associated with 59A	
082211-148-60B		" " "	
082211-148-61A	Ground	9x9 Dark Red Floor Tile - Ground Level Room 64	
082211-148-61B		" " " "	
082211-148-62A		Yellow Mastic Associated with 61A	
082211-148-62B		" " " 61B	
082211-148-63A	3Rd	9x9 Maroon Mottled Floor Tile - 3rd Fl Room 313	
082211-148-63B		" " " " "	
082211-148-64A		Black Mastic Associated with 63A	
082211-148-64B		" " " 63B	
082211-148-65A		9x9 Red Mottled Floor Tile - 3rd Fl Room 312	
082211-148-65B		" " " " "	
082211-148-66A		Black Mastic Associated with 65A	
082211-148-66B		" " " " 65B	
082211-148-67A		9x9 Red with White & Gray Streak Floor Tile - 3rd Fl Rm 315	
082211-148-67B		" " " " "	
082211-148-68A		Black Mastic Associated with 67A	
082211-148-68B		" " " " 67B	
082211-148-69A		9x9 Red with White & Orange Streak Floor Tile - 3rd Fl Room 308	
082211-148-69B		" " " " " Room 308	
082211-148-70A		Black Mastic Associated with 69A	
082211-148-70B		" " " " 69B	
082211-148-71A		9x9 Bright Orange Floor Tile - 3rd Fl Room 313	
082211-148-71B		" " " " "	
082211-148-72A		Black Mastic Associated with 71A	
082211-148-72B		" " " " 71B	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/4 RECEIVED BY: _____ DATE: _____

B 77127

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: OLD QHS - 9x9 FT

REQUESTED TAT: 5 Day

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: R. McBrny

SIGNATURE:

DATE: 08/22/4

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148 73A	3rd	9x9 PINK FLOOR TILE - 3rd Fl Room 302	
082211-148-73B	1ST	" " " - 1ST Fl SUITE Across from Guidance	
082211-148-74A	3rd	BLACK MASTIC ASSOCIATED WITH 73A	
082211-148-74B	1ST	" " " " 73B	
082211-148-75A	3rd	9x9 WHITE WITH BLACK DOT FLOOR TILE - 3rd Fl Room 303 closet	
082211-148-75B		" " " " "	
082211-148-76A		YELLOW MASTIC ASSOCIATED WITH 75A	
082211-148-76B		" " " 75B	
082211-148-77A	Ground	9x9 WHITE WITH GOLD STREAK FLOOR TILE - Ground level Room	54
082211-148-77B		" " " " " "	
082211-148-78A		BLACK MASTIC ASSOCIATED WITH 77A	
082211-148-78B		" " " 77B	
082211-148-79A	3rd	9x9 WHITE FLOOR TILE - 3rd Fl ~~Floor~~ Room 318/318A	
082211-148-79B		" " " " " "	
082211-148-80A		BLACK MASTIC ASSOCIATED WITH 79A	
082211-148-80B		" " " 79B	
082211-148-81A		9x9 WHITE WITH BLACK SPECK FLOOR TILE - 3rd Fl Room 302	
082211-148-81B		" " " " "	
082211-148-82A		YELLOW MASTIC ASSOCIATED WITH 81A	
082211-148-82B		" " " 81B	
082211-148-83A	Ground	9x9 Light Gray WITH BLACK STREAK FLOOR TILE - ground level	room 54
082211-148-83B		" " " "	"
082211-148-84A		BLACK MASTIC ASSOCIATED WITH 83A	
082211-148-84B		" " " 83B	
082211-148-85A	3rd	9x9 DARK GRAY MOTTLED FLOOR TILE - 3rd Fl room 302	
082211-148-85B		" " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/4 RECEIVED BY: _____ DATE: _____

B 77127

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES — **ASBESTOS BULK DATA FORM**

esis

CHAIN OF CUSTODY — PAGE: 4 OF 5

PROJECT: OLD QHS - 9x9

REQUESTED TAT: 5 Day

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 08/22/4

LAB NAME: Pro Science

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-86A	3rd	Yellow Mastic Associated with 85A	
082211-148-86B	1	" " " " 85B	
082211-148-87A	Ground	9x9 Light Gray Mottled Floor Tile - Ground level Room 57	
082211-148-87B		" " " " "	
082211-148-88A		Yellow Mastic Associated with 87A	
082211-148-88B		" " " " 87B	
082211-148-89A		9x9 Gray with White & Black Streak Floor Tile - Ground level Room 57	
082211-148-89B		" " " " " "	
082211-148-90A		Black Mastic Associated with 89A	
082211-148-90B		" " " " 89B	
082211-148-91A		9x9 Beige with White Streak Floor Tile - Ground level Room 54	
082211-148-91B		" " " " " "	
082211-148-92A		Mastic Associated with 91A	
082211-148-92B		" " " 91B	
082211-148-93A	3rd	9x9 Peach with White & Brown Streak Floor Tile - 3rd Fl Room 317	
082211-148-93B		" " " " "	
082211-148-94A		Black Mastic Associated with 93A	
082211-148-94B		" " " " 93B	
082211-148-95A	1st	9x9 Orange with White & Brown Streak Floor Tile - 1st Fl Hall near Stairwell	
082211-148-95B	3rd	" " " " - 3rd Fl Room 300	
082211-148-96A	1st	Black Mastic Associated with 95A	
082211-148-96B	3rd	" " " 95B	
082211-148-97A	2nd	9x9 Beige with White & Brown Streak Floor Tile - 2nd Fl Foyer & Rm 210A	
082211-148-97B	3rd	" " " " " - 3rd Fl Room 313	
082211-148-98A	2nd	Black Mastic Associated with 97A	
082211-148-98B	3rd	" " " " 97B	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/22/4 RECEIVED BY: _____ DATE: _____

B 77127

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY | PAGE: 5 OF 5

PROJECT: OLD QHS - 9x9

REQUESTED TAT: 5 Day

JOB #: 1076.727

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: B. McBirney

SIGNATURE:

DATE: 08/20/14

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082211-148-99A	3rd	9x9 DARK BROWN WITH Red + WHITE STREAK FLOOR TILE - 3rd Fl Room	300
082211-148-99B		" " " 1st + 3rd Fl Room	312
082211-148-100A		MASTIC ASSOCIATED WITH 99A	
082211-148-100B		" " " 99B	
082211-148-101A	1st	9x9 COFFEE WITH BROWN + WHITE SPECK FLOOR TILE - 1st Fl College Counseling Office	
082211-148-101B		" " " "	
082211-148-102A		Black MASTIC ASSOCIATED WITH 101A	
082211-148-102B		" " " " 101B	
082211-148-103A	3rd	9x9 Brown WITH BROWN & WHITE Speck FLOOR TILE - 3rd Fl Room	300
082211-148-103B		" " " " - 3rd Fl Room	309
082211-148-104A		Black MASTIC ASSOCIATED WITH 103A	
082211-148-104B		" " " " 103B	
082211-148-105A		9x9 Light Brown WITH BROWN + WHITE Speck FLOOR TILE - 3rd Fl Room	300
082211-148-105B		" " " " " - 3rd Fl Room	307
082211-148-106A		Black MASTIC ASSOCIATED WITH 105A	
082211-148-106B		" " " 105B	
082211-148-107A		9x9 Light Brown WITH MULTI-WHITE Speck FLOOR TILE - 3rd Fl Room	310
082211-148-107B	2nd	" " " " " - 2nd Fl Room	213
082211-148-108A	3rd	Black MASTIC ASSOCIATED WITH 107A	
082211-148-108B	2nd	" " " " 107B	
082211-148-109A		9x9 Light Brown WITH WHITE + BROWN FLECK FLOOR TILE - 2nd Fl Hall & Room Stairwell	
082211-148-109B		" " " " " "	
082211-148-110A		Black MASTIC ASSOCIATED WITH 109A	
082211-148-110B		" " " " 109B	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/20/14 RECEIVED BY: _____ DATE: _____

Client Name: Hygienetics Environmental Services, Inc. Boston
Client Project #: 1076.727
Client Reference: City of Quincy, Old QHS - 9x9 FT

Batch: 77127
Date Received: 8/29/2011
Date Due: 9/2/2011
Stop on first pos: Yes or No

Batch: 77127 Dalme 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082211-148-47A	9x9 Blue with white streak floor tile							W	Il	+	Lw		1.514	1.507	5												
			O	BL	y	GN																					95
082211-148-47B	9x9 Blue with white streak floor tile																										
																											DNA
082211-148-48A	Black mastic associated with 47A							W	Il	+	Lw		1.554	1.551	20												
			O	BK	y	TN																					80
082211-148-48B	Black mastic associated with 47B																										
																											DNA
082211-148-49A	9x9 Green with white and green streak floor tile							W	Il	+	Lw		1.554	1.551	5												
			O	GN	y	GN	N																				95
082211-148-49B	9x9 Green with white and green streak floor tile																										
																											DNA
082211-148-50A	Black mastic associated with 49A							W	Il	+	Lw		1.554	1.551	20												
			O	BK	y	TN																					80
082211-148-50B	Black mastic associated with 49B																										
																											DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 DA Bmc 9/2/11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-51A	9x9 Dark green floor tile		0	6 N	y	6 h	N	W	ll	+	LN		1.524	1.551	10												90
082211-148-51B	9x9 Dark green floor tile																										DNA.
082211-148-52A	Yellow mastic associated with 51A		0	y	y	CN																					100
082211-148-52B	Yellow mastic associated with 51B		0	y	y	CN																					100
082211-148-53A	9x9 Olive floor tile		0	OL	y	GN	N	W	ll	+	LN		1.554	1.551	2												98
082211-148-53B	9x9 Olive floor tile																										DNA.
082211-148-54A	Black mastic associated with 53A		0	BK	y	T	N																				100
082211-148-54B	Black mastic associated with 53B		0	BK	y	T	N																N 5				95
082211-148-55A	9x9 Black floor tile		0	BK	y	GN	N																				100
082211-148-55B	9x9 Black floor tile		0	BK	y	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Dshne 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-56A	Black mastic associated with 55A																						N				
	mastic Not Black		O	y	y	R	N																5				95
082211-148-56B	Black mastic associated with 55B																						N				
	mastic Not Black		O	y	y	R	N																5				95
082211-148-57A	9x9 Flesh mottled floor tile		O	T	y	G	N																				100
082211-148-57B	9x9 Flesh mottled floor tile		O	T y	y	G R	N																				100
082211-148-58A	Yellow mastic associated with 57A		O	y	y	R	N																				100
082211-148-58B	Yellow mastic associated with 57B		O	y	y	R	N																				100
082211-148-59A	9x9 Maroon floor tile		O	R	y	G	N																				100
082211-148-59B	9x9 Maroon floor tile		O	R	y	G	N																				100
082211-148-60A	Black mastic associated with 59A		O	BL	y	T	N	W	M	+	L	N	1.557	1.557	5												95
082211-148-60B	Black mastic associated with 59B																										DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Pauline 9-21

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-61A	9x9 Dark red floor tile		0	R	y	GN	N																				100
082211-148-61B	9x9 Dark red floor tile		0	R	y	GN	N																				100
082211-148-62A	Yellow mastic associated with 61A		0	y	y	R	N																				100
082211-148-62B	Yellow mastic associated with 61B		0	y	y	R	N																				100
082211-148-63A	9x9 Maroon mottled floor tile		0	R	y	GN	N																				100
082211-148-63B	9x9 Maroon mottled floor tile		0	R	y	GN	N																				100
082211-148-64A	Black mastic associated with 63A		0	BK	y	T	N																W 5				95
082211-148-64B	Black mastic associated with 63B		0	BK	y	T	N																W 2				98
082211-148-65A	9x9 Red mottled floor tile		0	R	y	GN	N																				100
082211-148-65B	9x9 Red mottled floor tile		0	R	y	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Dafine 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-66A	Black mastic associated with 65A							W	N	+	LN		1.554	1.551	5								W				
			O	BK	Gy	T	N																2				93
082211-148-66B	Black mastic associated with 65B																										DNA.
082211-148-67A	9x9 Red with white and grey streak floor tile							W	N	+	LN		1.554	1.551	2												
			O	R	Gy	G	N																				98
082211-148-67B	9x9 Red with white and grey streak floor tile																										DNA.
082211-148-68A	Black mastic associated with 67A																						W				
			O	BK	Gy	T	N																5				95
082211-148-68B	Black mastic associated with 67B																						W				
			O	BK	Gy	T	N																5				95.
082211-148-69A	9x9 Red with white and orange streak floor tile							W	N	+	LN		1.554	1.551	TR												
			O	R	Gy	G	N																				100
082211-148-69B	9x9 Red with white and orange streak floor tile							W	N	+	LN		1.554	1.551	TR												
			O	R	Gy	G	N																				100
082211-148-70A	Black mastic associated with 69A							W	N	+	LN		1.554	1.551	10								W				
			O	BK	Gy	T	N																2				88
082211-148-70B	Black mastic associated with 69B																										DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Due Date 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-71A	9x9 Bright orange floor tile		O	O	Y	GN	N																				100
082211-148-71B	9x9 Bright orange floor tile		O	O	Y	GN	N																				100
082211-148-72A	Black mastic associated with 71A		O	BK	Y	T	N																W 5				95
082211-148-72B	Black mastic associated with 71B		O	BK	Y	T	N																W 5				95
082211-148-73A	9x9 Pink floor tile		O	PK	Y	GN	N	W	N	+	LN		1.534	1.531	5												95
082211-148-73B	9x9 Pink floor tile																										DNA.
082211-148-74A	Black mastic associated with 73A		O	BK	Y	T	N	W	N	+	LN		1.534	1.517	10								W 2				88
082211-148-74B	Black mastic associated with 73B																										DNA.
082211-148-75A	9x9 White with black dot floor tile		O	MC	Y	GN	N																				100
082211-148-75B	9x9 White with black dot floor tile		O	MC	Y	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Dr Pine 9-2-11

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-76A	Yellow mastic associated with 75A		O	y	y	c	N																				100
082211-148-76B	Yellow mastic associated with 75B		O	y	y	c	N																				100
082211-148-77A	9x9 White with gold streak floor tile		O	wh/y	y	Gn	N	W	ll	+	L	N	1.554	1.537	5												95
082211-148-77B	9x9 White with gold streak floor tile																										DNA
082211-148-78A	Black mastic associated with 77A		O	Bk/y		+	N	W	ll	+	L	N	1.554	1.537	20												80
082211-148-78B	Black mastic associated with 77B																										DNA
082211-148-79A	9x9 White floor tile		O	wh/y	y	Gn	N	W	ll	+	L	N	1.554	1.537	2												98
082211-148-79B	9x9 White floor tile																										DNA
082211-148-80A	Black mastic associated with 79A		O	Bk	y	+	N	W	ll	+	L	N	1.554	1.537	5												95
082211-148-80B	Black mastic associated with 79B																										DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-81A	9x9 White with black speck floor tile		0	WH	y	GN	N																				100
082211-148-81B	9x9 White with black speck floor tile		0	WH	y	GN	N																				100
082211-148-82A	Yellow mastic associated with 81A		0	y	y	GN	N																				100
082211-148-82B	Yellow mastic associated with 81B		0	y	y	GN	N																				100
082211-148-83A	9x9 Light grey with black streak floor tile		0	LTGy	y	GN	N																				100
082211-148-83B	9x9 Light grey with black streak floor tile		0	LTGy	y	GN	N																				100
082211-148-84A	Black mastic associated with 83A		0	Bk	y	T	N	Will	+	LN			1.514	1.517	TR								N				100
082211-148-84B	Black mastic associated with 83B		0	Bk	y	T	N	Will	+	LN			1.514	1.517	TR								N				100
082211-148-85A	9x9 Dark grey mottled floor tile		0	Gy	y	GN	N																				100
082211-148-85B	9x9 Dark grey mottled floor tile		0	Gy	y	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 [illegible] 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-86A	Yellow mastic associated with 85A		0	Y	Y	R	N																				100
082211-148-86B	Yellow mastic associated with 85B		0	Y	Y	R	N																				100
082211-148-87A	9x9 Light grey mottled floor tile		0	LTGY	Y	GN	N																				100
082211-148-87B	9x9 Light grey mottled floor tile		0	LTGY	Y	GN	N																				100
082211-148-88A	Yellow mastic associated with 87A		0	Y	Y	C	N																				100
082211-148-88B	Yellow mastic associated with 87B		0	Y	Y	C	N																				100
082211-148-89A	9x9 Grey with white and black streak floor tile		0	DKGY	Y	GN	N	W	II	+	LN		1.554	1.57	2												98
082211-148-89B	9x9 Grey with white and black streak floor tile																										DNA.
082211-148-90A	Black mastic associated with 89A		0	BK	Y	T	N	W	II	+	LN		1.554	1.57	10												90
082211-148-90B	Black mastic associated with 89B																										DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 Darlene 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082211-148-91A	9x9 Beige with white streak floor tile		O	B G	Y	GN	N	W	II	+	LN		1.554	1.551	TR												100
082211-148-91B	9x9 Beige with white streak floor tile		O	B G	Y	GN	N	W	II	+	LN		1.554	1.551	TR												100
082211-148-92A	Mastic associated with 91A		O	Y	Y	C	N																				100
082211-148-92B	Mastic associated with 91B		O	Y	Y	C	N																				100
082211-148-93A	9x9 Peach with white and brown streak floor tile		O	T Y	Y	GN	N	W	II	+	LN		1.554	1.517	10												90
082211-148-93B	9x9 Peach with white and brown streak floor tile																										DNA
082211-148-94A	Black mastic associated with 93A		O	BK	Y	T	N	W	II	+	LN		1.554	1.517	TR								W 2				98
082211-148-94B	Black mastic associated with 93B		O	BK	Y	T	N	W	II	+	LN		1.554	1.517	TR								W 2				98
082211-148-95A	9x9 Orange with white and brown streak floor tile		O	MC	N	GN	N																				100
082211-148-95B	9x9 Orange with white and brown streak floor tile		O	MC	N	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 [signature] 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
082211-148-96A	Black mastic associated with 95A							W	II	+	LN		1.554	1.551	5								W					
			O	BK	y	T	N																2				93	
082211-148-96B	Black mastic associated with 95B																											
			~~O~~	~~BK~~	~~y~~	~~T~~	~~N~~																					DNA.
	(20)																											
082211-148-97A	9x9 Beige with white and brown streak floor tile							W	II	+	LN		1.554	1.550	20													
			O	T	y	GN	N																				80	
082211-148-97B	9x9 Beige with white and brown streak floor tile																											
																												DNA.
082211-148-98A	Black mastic associated with 97A							W	II	+	LN		1.554	1.557	20													
			O	BK	y	T	N																				80	
082211-148-98B	Black mastic associated with 97B																											
																												DNA.
082211-148-99A	9x9 Dark brown with red and white streak floor tile																											
			O	DKBR	y	GN	N																				100	
082211-148-99B	9x9 Dark brown with red and white streak floor tile																											
			O	DKBR	y	GN	N																				100	
082211-148-100A	Mastic associated with 99A																											
			O	y	y	C	N																				100	
082211-148-100B	Mastic associated with 99B																											
			O	y	y	C	N																				100	

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 DaLine 9-2-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
082211-148-101A	9x9 Coffee with brown and white speck floor tile							W	U	+	L	N	1.554	1.551	10													
			O	MC	y	GN	N																				90	
082211-148-101B	9x9 Coffee with brown and white speck floor tile																											DNA
082211-148-102A	Black mastic associated with 101A							W	U	+	L	N	1.554	1.550	5								W					
			O	BK	y	T	N																10				85	~~DNA~~ OP
082211-148-102B	Black mastic associated with 101B																											DNA
082211-148-103A	9x9 Brown with brown and white speck floor tile							W	U	+	L	N	1.554	1.551	10													
			O	MC	y	GN	N																				90	
082211-148-103B	9x9 Brown with brown and white speck floor tile																											DNA
082211-148-104A	Black mastic associated with 103A																											
			O	BK	y	T	N																				100	
082211-148-104B	Black mastic associated with 103B																											
			O	BK	y	T	N																				100	
082211-148-105A	9x9 Light brown with brown and white speck floor tile							W	U	+	L	N	1.554	1.550	10													
			O	BR	y	GN	N																				90	
082211-148-105B	9x9 Light brown with brown and white speck floor tile																											DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127 DMLine 9-3-11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
082211-148-106A	Black mastic associated with 105A							W	11	+	L	N	1.554	1.507	10													
			O	BK	y	T	N																				90	
082211-148-106B	Black mastic associated with 105B																											DNA
082211-148-107A	9x9 Light brown with multi-white speck floor tile							W	11	+	L	N	1.554	1.507	5													
			O	BR	y	GN	N																				95	
082211-148-107B	9x9 Light brown with multi-white speck floor tile																											DNA
082211-148-108A	Black mastic associated with 107A																						W					
			O	BK	y	T	N																10				90	
082211-148-108B	Black mastic associated with 107B																						W					
			O	BK	y	T	N																10				90	
082211-148-109A	9x9 Light brown with white and brown fleck floor tile							W	11	+	L	N	1.554	1.507	10													
			O	BR	y	GN	N																				90	
082211-148-109B	9x9 Light brown with white and brown fleck floor tile																											DNA
082211-148-110A	Black mastic associated with 109A							W	11	+	L	N	1.554	1.507	10													
			O	BK	y	T	N																				90	
082211-148-110B	Black mastic associated with 109B																											DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77127

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous

Analyzed By / Date: **QC By / Date:** **Fax, Email, Verbal Results By / Date:** **# of Samples:** 128

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 09, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77240 CLIENT PROJECT ID: 1076.728, #23868
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-111A	Gray	0	0	0	0	0	0	0	80	10	0	0	0	10

Description: 1x1 Coral Spline Ceiling Tile
Location: 2nd Floor, Auditorium, Storage Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-111B	Gray	0	0	0	0	0	0	0	80	10	0	0	0	10

Description: 1x1 Coral Spline Ceiling Tile
Location: 1st Floor, Auditorium, Stage Area
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-112A	Brown	0	0	0	0	0	0	0	0	0	0	0	5	95

Description: Brown Glue Daubs Associated w/111A
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-112B	Brown	0	0	0	0	0	0	0	0	0	0	0	5	95

Description: Brown Glue Daubs Associated w/111B
Location: 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-113A	Gray	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: 1x1 Pinhole Spline Ceiling Tile
Location: Ground Floor, 1st Aid Station
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-113B	Gray	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: 1x1 Pinhole Spline Ceiling Tile
Location: Ground Floor, Cafeteria
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-114A	Brown	0	0	0	0	0	0	0	0	0	0	0	TR	100

Description: Brown Glue Daubs Associated w/113A
Location: Ground Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-114B	Brown	0	0	0	0	0	0	0	0	0	0	0	TR	100

Description: Brown Glue Daubs Associated w/113B
Location: Ground Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-115A	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 1x1 Sand Spline Ceiling Tile
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-115B	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 1x1 Sand Spline Ceiling Tile
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-116A	Brown	0	0	0	0	0	0	0	0	0	0	0	2	98

Description: Brown Glue Daubs Associated w/115A
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-116B	Brown	0	0	0	0	0	0	0	0	0	0	0	2	98

Description: Brown Glue Daubs Associated w/115B
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-117A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Glue Daubs Associated w/115A
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-117B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Glue Daubs Associated w/115AB
Location: Ground Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-118A	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 2x4 Off-White Crow Feet Ceiling Tile
Location: 3rd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-118B	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 2x4 Off-White Crow Feet Ceiling Tile
Location: 2nd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-119A	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 2x4 White Crow Feet Ceiling Tile
Location: 3rd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-119B	Gray	0	0	0	0	0	0	0	50	40	0	0	0	10

Description: 2x4 White Crow Feet Ceiling Tile
Location: Ground Level, Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-120A	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x4 Pinhole Crow Feet Ceiling Tile
Location: 1st Floor, Principal's Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-120B	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x4 Pinhole Crow Feet Ceiling Tile
Location: 1st Floor, Nurse's Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-121A	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x4 White Ceiling Tile
Location: 1st Floor, Guidance Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-121B	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x4 White Ceiling Tile
Location: 1st Floor, Guidance Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-122A	White	0	0	0	0	0	0	0	90	0	0	0	0	10

Description: 2x4 White Smooth Ceiling Tile
Location: Ground Floor, Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-122B	White	0	0	0	0	0	0	0	90	0	0	0	0	10

Description: 2x4 White Smooth Ceiling Tile
Location: 1st Floor, Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-123A	Multi	0	0	0	0	0	0	0	0	30	0	0	0	70

Description: 2x4 Sheetrock Ceiling Tile
Location: Ground Floor, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-123B	Multi	0	0	0	0	0	0	0	0	30	0	0	0	70

Description: 2x4 Sheetrock Ceiling Tile
Location: 1st Floor, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-124A	Gray	0	0	0	0	0	0	0	60	30	0	0	0	10

Description: 2x4 Dimpled Ceiling Tile
Location: 2nd Floor, Room 210A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-124B	Gray	0	0	0	0	0	0	0	60	30	0	0	0	10

Description: 2x4 Dimpled Ceiling Tile
Location: 1st Floor, Storage Room, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-125A	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x2 Small Crow Feet Ceiling Tile
Location: 1st Floor, Pride Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-125B	Gray	0	0	0	0	0	0	0	45	45	0	0	0	10

Description: 2x2 Small Crow Feet Ceiling Tile
Location: 1st Floor, Pride Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-126A	White	0	0	0	0	0	0	0	80	10	0	0	0	10

Description: 2x2 Sand Ceiling Tile
Location: Ground Floor, Cafeteria
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-126B	White	0	0	0	0	0	0	0	80	10	0	0	0	10

Description: 2x2 Sand Ceiling Tile
Location: Ground Floor, Cafeteria
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-127A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Cove Base
Location: Basement, Gym Bathroom
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-127B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Cove Base
Location: Basement, Gym Bathroom
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-128A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/127A
Location: Basement, Gym Bathroom
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-128B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/127B
Location: Basement, Gym Bathroom
Comments: Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-129A	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Brown Cove Base
Location: 2nd Floor, Room 202
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-129B	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Brown Cove Base
Location: Basement, Room 53
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-130A	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/129A
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-130B	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/129B
Location: Basement
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-131A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Wood Finish Cove Base
Location: Ground Floor, Cafeteria
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-131B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Wood Finish Cove Base
Location: Ground Floor, Cafeteria
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-132A	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/131A
Location: Ground Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-132B	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/131B
Location: Ground Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-133A	Multi	0	0	0	0	0	0	0	0	95	0	0	0	5

Description: Black Fibrous Cove Base @ Teacher's Lab Table
Location: 3rd Floor, Room 301
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-133B	Multi	0	0	0	0	0	0	0	0	95	0	0	0	5

Description: Black Fibrous Cove Base @ Teacher's Lab Table
Location: 3rd Floor, Room 301
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-134A	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/133A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-134B	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/133B
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-135A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Large Black Cove Base
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-135B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Large Black Cove Base
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-136A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/135A
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-136B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/135B
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-137A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Old Black Cove Base
Location: 3rd Floor, Room 303
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-137B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Old Black Cove Base
Location: 3rd Floor, Room 301
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-138A	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/137A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-138B	Clear	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/137B
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-139A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: New Black Cove Base
Location: 1st Floor, Nurse's Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-139B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: New Black Cove Base
Location: Basement, Room 59
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-140A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/139A
Location: 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-140B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/139B
Location: Basement
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
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Date Received: 9/6/2011
Date Analyzed: 9/9/2011
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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-141A	Black	0	0	0	0	0	0	0	0	0	0	5	0	95

Description: Black Adhesive on Wood Base Board
Location: Basement, Room 59
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-141B	Black	0	0	0	0	0	0	0	0	0	0	5	0	95

Description: Black Adhesive on Wood Base Board
Location: Basement, Room 59
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-142A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Carpet Mastic
Location: 2nd Floor, Auditorium, Storage Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-142B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Carpet Mastic
Location: 2nd Floor, Auditorium Seating
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-143A	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Blue Stair Tread
Location: 1st Floor, Stairwell
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-143B	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Blue Stair Tread
Location: 1st Floor, Stairwell
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-144A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/143A
Location: 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-144B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/143B
Location: 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-145A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Grit Stair Tread
Location: 3rd Floor, Stairwell, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-145B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Grit Stair Tread
Location: 1st Floor, Stairwell, Front
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-146A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/145A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-146B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive Associated w/145B
Location: 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-147A	White	0	0	0	0	0	0	0	0	30	0	0	0	70

Description: Checkerboard Linoleum
Location: 1st Floor, Store Room, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-147B	White	0	0	0	0	0	0	0	0	30	0	0	0	70

Description: Checkerboard Linoleum
Location: 1st Floor, Store Room, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-148A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Sheet Flooring Coating
Location: 3rd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-148B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Sheet Flooring Coating
Location: 2nd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-149A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Sheet Flooring Coating
Location: 3rd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-149B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Sheet Flooring Coating
Location: 2nd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-150A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Cork Floor
Location: 2nd Floor, Room 209A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-150B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Cork Sub Floor
Location: 3rd Floor, Room 309A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-151A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic Associated w/150A
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-151B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mastic Associated w/150B
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-152A	Tan	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Faux Wood Sheet Flooring
Location: 2nd Floor, Auditorium, Rear Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-152B	Tan	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Faux Wood Sheet Flooring
Location: 2nd Floor, Auditorium, Rear Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-153A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Glue Beneath Black Rubber Floor
Location: Ground Floor, Wallk in Freezer, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-153B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Glue Beneath Black Rubber Floor
Location: Ground Floor, Wallk in Freezer, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-154A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive on Finished Gym Floor Board
Location: Basement, Gym
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-154B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Adhesive on Finished Gym Floor Board
Location: Basement, Gym
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-155A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Red Floor Leveler
Location: 1st Floor, Auditorium, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-155B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Red Floor Leveler
Location: 1st Floor, Auditorium, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-156A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Floor Leveler
Location: 3rd Floor, Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-156B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Floor Leveler
Location: 1st Floor, Auditorium, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-157A	Olive	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Olive Floor Leveler
Location: 1st Floor, College Counseling Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-157B	Olive	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Olive Floor Leveler
Location: 1st Floor, College Counseling Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-158A	Multi	15	0	0	0	0	0	0	0	80	0	0	0	5

Description: Paper under Original Wood Floor
Location: Ground Level, Electrical Room, Janitor Area
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-158B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Paper under Original Wood Floor
Location: Ground Floor, Room 68
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-158C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Paper under Original Wood Floor
Location: 1st Floor, Mr. Stepte Closet
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-158D		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Paper under Original Wood Floor
Location: 2nd Floor, Social Studies
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-158E		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Paper under Original Wood Floor
Location: 3rd Floor, Room 303
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-159A	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Paper under Newer, Top Layer Wood Floor
Location: Ground Floor, Room 58
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-159B	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Paper under Newer, Top Layer Wood Floor
Location: 1st Floor, Room 100
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-159C	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Paper under Newer, Top Layer Wood Floor
Location: 1st Floor, Auditorium, Rear Stage
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-160A	Black	0	0	0	0	0	0	0	0	75	0	0	0	25

Description: Paper under Faux Wood Panel Floor
Location: 2nd loor, Auditorium, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-160B	Black	0	0	0	0	0	0	0	0	75	0	0	0	25

Description: Paper under 12x12 Dark Brown Bottled Floor Tile
Location: 1st Floor, Auditorium, Rear
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-161A	Black	0	0	0	0	0	0	0	0	75	0	0	0	25

Description: Paper under Gym Floor
Location: Basement, Gym
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-161B	Black	0	0	0	0	0	0	0	0	75	0	0	0	25

Description: Paper under Gym Floor
Location: Basement, Gym
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-162A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Paper on Floor of Fan Duct Unit
Location: Basement, Air Handler Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-162B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Paper on Floor of Fan Duct Unit
Location: Basement, Air Handler Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-163A	Multi	0	0	0	0	0	0	0	0	80	0	0	0	20

Description: Canvas Wall Covering
Location: 1st Floor, Nurse's Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-163B	Multi	0	0	0	0	0	0	0	0	80	0	0	0	20

Description: Canvas Wall Covering
Location: 2nd Floor, Room 215
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-164A	Brown	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Brown Fibrous Acoustic Wall Board
Location: 2nd Floor, Rear Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-164B	Multi	0	0	0	0	0	0	0	0	60	0	0	0	40

Description: Brown Fibrous Acoustic Wall Board
Location: 1st Floor, Rear Stage Area, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-165A	Brown	0	0	0	0	0	0	0	0	95	0	0	0	5

Description: Brown Wall Board
Location: Basement, Room 63
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-165B	Brown	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Brown Wall Board
Location: 2nd Floor, Rear Auditorium, Store Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-166A	Brown	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Cork Board
Location: 3rd Floor, Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-166B	Brown	0	0	0	0	0	0	0	0	10	0	0	0	90

Description: Cork Board
Location: 2nd Floor, Room 200
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-167A	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/166A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-167B	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/166B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-168A	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Block Style Cork Wall, Squares
Location: 2nd Floor, Room 203A
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-168B	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Block Style Cork Wall, Squares
Location: 2nd Floor, Room 203A
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-169A	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/168A
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-169B	Dk. Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/168B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-170A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Beneath Faux Wood Wall Paneling
Location: Ground Floor, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-170B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Beneath Faux Wood Wall Paneling
Location: Ground Floor, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-171A	Multi	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: 1x1 Pinhole Wall Boards
Location: 1st Floor, Cape Cod Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-171B	Multi	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: 1x1 Pinhole Wall Boards
Location: 1st Floor, Cape Cod Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23868
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77240**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-172A	Multi	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Green Layered Paper Wall Panels
Location: 3rd Floor, Closet, Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-172B	Multi	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Green Layered Paper Wall Panels
Location: 3rd Floor, Closet, Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Adrian Stanca Valerica Stanca

B 77240

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 5

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR TAT

JOB #: 1076.728

BATCH #: 23868

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

~128

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-111A	2nd	1x1 CORAL Spline Ceiling Tile - AUDITORIUM STORAGE ROOM 2nd Fl	
082911-148-111B	1ST	" " " - AUDITORIUM STAGE AREA 1ST Fl	
082911-148-112A	2nd	BROWN GLUE DAUBS ASSOCIATED WITH 111A	
082911-148-112B	1ST	" " " 111A	
082911-148-113A	Ground Fl	1x1 PINHOLE Spline Ceiling TILE - 1ST AID STATION GROUND FL	
082911-148-113B		" " " - CAFETERIA Ground Fl	
082911-148-114A		Brown Glue daubs ASSOCIATED WITH 113A	
082911-148-114B		" " " 113B	
082911-148-115A		1x1 SAND Spline Ceiling Tile - Hall Ground FL	
082911-148-115B		" " " "	
082911-148-116A		BROWN glue daubs ASSOCIATED WITH 115A	
082911-148-116B		" " " " 115B	
082911-148-117A		YELLOW glue daubs ASSOCIATED WITH 115A	
082911-148-117B		" " " " 115B	
082911-148-118A	3RD	2x4 OFF-WHITE CROW FEET CEILING TILE - Hall 3rd Fl	
082911-148-118B	2nd	" " " " - Hall 2nd Fl	
082911-148-119A	3rd	2x4 WHITE CROW FEET CEILING TILE - Hall 3rd Fl	
082911-148-119B	ground	" " " " - Room 57 ground level	
082911-148-120A	1ST	2x4 PINHOLE CROW FEET Ceiling TILE - Principals office 1ST Fl	
082911-148-120B		" " " " - Nurses office 1ST Fl	
082911-148-121A		2x4 WHITE CEILING TILE - Guidance office 1ST Fl	
082911-148-121B		" " " " "	
082911-148-122A	Ground	2x4 WHITE SMOOTH CEILING Tile - ~~Ground~~ Room 57 Ground Fl	
082911-148-122B	1ST	" " " " "	
082911-148-123A	ground	2x4 SHEETROCK CEILING tile - KITCHEN Ground Fl	
082911-148-123B	1ST	" " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: DATE: 08/29/11 RECEIVED BY: DATE: 8/29/11

C 3211

B77240

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-124A	2nd	2x4 Dimpled Ceiling tile - Room 210A 2nd Fl	
082911-148-124B	1st	2x2 Dimpled Ceiling tile - Storage Room Auditorium 1st Fl	
082911-148-125A		2x2 Small Crow felt Ceiling tile - Pride Room 1st Fl	
082911-148-125B		" " " " " "	
082911-148-126A	Ground	2x2 Sand Ceiling tile - Cafeteria ground Fl	
082911-148-126B		" " " " "	
082911-148-127A	Basement	Gray Cove Base - Bathroom Gym	
082911-148-127B		" " "	
082911-148-128A		Adhesive Associated with 127A	
082911-148-128B		" " " 127B	
082911-148-129A	2nd	Brown Cove Base - Room 202 2nd Fl	
082911-148-129B	Basement	" " " - Room 55 Basement	
082911-148-130A	2nd	Adhesive Associated with 129A	
082911-148-130B	Basement	" " " " 129B	
082911-148-131A	Ground	Wood Finish Cove Base - Cafeteria ground Fl	
082911-148-131B		" " " "	
082911-148-132A		Adhesive Associated with 131A	
082911-148-132B		" " " 131B	
082911-148-133A	3rd	Black Fibrous Cove Base at Teachers Lab Table - Room 301 3rd Fl	
082911-148-133B		" " " "	"
082911-148-134A		Adhesive Associated with 133A	
082911-148-134B		" " " 133B	
082911-148-135A		Large Black Cove Base - Room 304 3rd Fl	
082911-148-135B		" " " " "	
082911-148-136A		Adhesive Associated with 135A	
082911-148-136B		" " " 135B	

JOB #: 1076.728

BATCH #: 23868

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

B77240

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 Hr TAT

JOB #: 1076.728

BATCH #: 23868

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-137A	3rd	Old Black Cove Base - Room 303 3rd Fl	
082911-148-137B		" " " - Room 301 3rd Fl	
082911-148-138A		Adhesive Associated with 137A	
082911-148-138B		" " " 137B	
082911-148-139A	1st	New Black Cove Base - Nurses Office 1st Fl	
082911-148-139B	basement	" " " - Room 59 Basement	
082911-148-140A	1st	Adhesive Associated with 139A	
082911-148-140B	basement	" " " 139B	
082911-148-141A		Black Adhesive on wood Base Board - Room 59 Basement	
082911-148-141B		" " " " "	
082911-148-142A	2nd	Yellow Carpet Mastic - Auditorium Storage Room - 2nd Fl	
082911-148-142B		" " " - Auditorium Seating - 2nd Fl	
082911-148-143A	1st	Blue Stair Tread - Stairwell - 1st Fl	
082911-148-143B		" " " " "	
082911-148-144A		Glue Associated with 143A	
082911-148-144B		" " " 143B	
082911-148-145A	3rd	Black Grit Stair Tread - Stairwell Rear - 3rd Fl	
082911-148-145B	1st	" " " " - Stairwell Front - 1st Fl	
082911-148-146A	3rd	Adhesive Associated with 145A	
082911-148-146B	1st	" " " 145B	
082911-148-147A	1st	Checkerboard Linoleum - Store Room Auditorium - 1st Fl	
082911-148-147B		" " " "	
082911-148-148A	3rd	Tan Sheet Flooring Coating - Girls Room 3rd Fl	
082911-148-148B	2nd	" " " " - Girls Room 2nd Fl	
082911-148-149A	3rd	Gray Sheet Flooring Coating - Boy's Room 3rd Fl	
082911-148-149B	2nd	" " " " - Boy's Room 2nd Fl	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

B77240

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-150A	2nd	CORK Floor – Room 209A 2nd Fl	
082911-148-150B	3rd	CORK SUB Floor. Room 308A 3rd Fl	
082911-148-151A	2nd	MASTIC associated with 150A	
082911-148-151B	3rd	" " " 150B	
082911-148-152A	2nd	FAUX WOOD ~~SHEET~~ Flooring – Auditorium Rear Room – 2nd Fl	
082911-148-152B	/	" " " " "	
082911-148-153A	ground	Black glue beneath Black Rubber Floor – Walk-in freezer – kitchen ground Fl	
082911-148-153B	/	" " " " " "	
082911-148-154A	Basement	Adhesive on Finished Gym Floor Boards – Gym Basement	
082911-148-154B	/	" " " " "	
082911-148-155A	1st	RED Floor Leveler – Auditorium Rear – 1st Fl	
082911-148-155B	/	" " " " " "	
082911-148-156A	3rd	WHITE Floor Leveler – Room 300 3rd Fl	
082911-148-156B	1st	" " " – Auditorium Rear – 1st Fl	
082911-148-157A	|	OLIVE Floor Leveler – College Counseling office – 1st Fl	
082911-148-157B	|	" " " "	
082911-148-158A	ground	Paper under ORIGINAL wood FLOOR – ELECTRICAL Rm/Janitor Area – Ground level	
082911-148-158B	/	Paper under Original wood Floor – Room 68 Ground level	
082911-148-158C	1st	Paper under Original wood Floor – Mr. Steptoe Closet – 1st Fl	
082911-148-158D	2nd	Paper under original wood Floor – Social Studies – 2nd Fl	
082911-148-158E	3rd	Paper under Original wood Floor – Room 303 – 3rd Fl	
082911-148-159A	ground	Paper under newer, top layer wood Floor – Room 58 – ground level	
082911-148-159B	1st	Paper under newer, top layer wood Floor – Room 100 1st Fl	
082911-148-159C	1st	Paper under newer, top layer wood Floor – Auditorium Rear Stage – 1st Fl	
082911-148-160A	2nd	Paper under Faux wood Panel Floor – Auditorium Rear 2nd Fl	
082911-148-160B	1st	Paper under 12x12 dark Brown Mottled Floor tile – Auditorium REAR 1st Fl	

JOB #: 1076.728

BATCH #: 23868

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

B77240

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES — **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY — PAGE: 5 OF 5

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 Hr TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-161A	Basement	Paper under Gym Floors - Gym Basement	
082911-148-161B		" " " "	
082911-148-162A		Paper on Floor of Fan Duct Unit - Air Handler Room - Basement	
082911-148-162B		" " " " "	
082911-148-163A	1st	Canvas wall covering - Nurses office 1st Fl	
082911-148-163B	2nd	" " " - Room 215 2nd Fl	
082911-148-164A		Brown Fibrous Acoustic Wall Board - Rear Hall 2nd Fl	
082911-148-164B	1st	" " " " - Rear Stage Area Auditorium - 1st Fl	
082911-148-165A	Basement	Brown wall Board - Room 63 Basement	
082911-148-165B	2nd	" " " - Rear Auditorium Store Room - 2nd Fl	
082911-148-166A	3rd	Cork Board - Room 300 3rd Fl	
082911-148-166B	2nd	" " - Room 200 2nd Fl	
082911-148-167A	3rd	Glue associated w/ TA 166A	
082911-148-167B	2nd	" " " 166B	
082911-148-168A		Block-style Cork wall Squares - Room 203A 2nd Fl	
082911-148-168B		" " " " "	
082911-148-169A		Glue associated w/ TA 168A	
082911-148-169B		" " " 168B	
082911-148-170A	Ground	Glue beneath Faux wood wall Paneling - Kitchen Ground Fl	
082911-148-170B		" " " " "	
082911-148-171A	1st	1x1 Pinhole Wall Boards - Cape Cod Room - 1st Fl	
082911-148-171B		" " " "	
082911-148-172A	3rd	Green Layered Paper Wall Panels - closet Room 306 - 3rd Fl	
082911-148-172B		" " " " "	
082911-148-			
082911-148-			

JOB #: 1076.728

BATCH #: 23868

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 09, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77237 CLIENT PROJECT ID: 1076.728, 23869
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-173A	Gray	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Cement Board in Fume Hood
Location: 2nd Floor, Extras Holding Room
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-173B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Cement Board Panel Square Wall Hole Covering
Location: 2nd Floor, Hall @ Room 203
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-174A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood Counter Top
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-174B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood Counter Top
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-175A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood White Ceramic Tile
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-175B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood White Ceramic Tile
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: B77237
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-176A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood Ceramic Tile Grout
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-176B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fume Hood Ceramic Tile Grout
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-177A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Sink Undercoating
Location: 2nd Floor, Boys' Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-177B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Sink Undercoating
Location: 2nd Floor, Faculty Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-178A	Gray	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Gray Sink Undercoating
Location: Ground Floor, Room 54
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-178B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Gray Sink Undercoating
Location: 1st Floor, Art Studio
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-179A	Pink	0	0	0	0	0	0	0	0	0	0	0	TR	100

Description: Pink Sink Undercoating
Location: 3rd Floor, Room 317A
Comments: "Other" is Wollastonite

Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-179B	Pink	0	0	0	0	0	0	0	0	0	0	0	TR	100

Description: Pink Sink Undercoating
Location: 3rd Floor, Room 317A
Comments: "Other" is Wollastonite

Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-180A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White/Orange Sink Undercoating
Location: 3rd Floor, Room 303
Comments:

Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-180B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White/Orange Sink Undercoating
Location: 3rd Floor, Room 303
Comments:

Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-181A	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Sink Drip Pads
Location: 3rd Floor, Room 300
Comments:

Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-181B	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Sink Drip Pads
Location: 3rd Floor, Room 303
Comments:

Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-182A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Student Lab Counter
Location: 3rd Floor, Room 306
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-182B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Student Lab Counter
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-183A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Glue Associated w/182A
Location: 3rd Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-183B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Glue Associated w/182B
Location: 3rd Floor
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-184A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black Teacher's Lab Counter
Location: 3rd Floor, Room 300
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-184B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Teacher's Lab Counter
Location: 3rd Floor, Room 302
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-185A	Brown	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Glue Associated w/Gray Counter Top
Location: 3rd Floor, Room 317
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-185B	Brown	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Glue Associated w/Gray Counter Top
Location: 3rd Floor, Room 317
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-186A	Multi	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Black Pressboard Lab Counter
Location: 3rd Floor, Room 303
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-186B	Multi	0	0	0	0	0	0	0	0	95	0	0	0	5

Description: Black Pressboard Lab Counter
Location: 3rd Floor, Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-187A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Chalkboard
Location: 3rd Floor, Room 303
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-187B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Chalkboard
Location: 2nd Floor, Social Studies
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-188A	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/187A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-188B	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/187B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-189A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Slate-Like Bathroom Stall Dividers
Location: 3rd Floor, Boys' Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-189B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Slate-Like Bathroom Stall Dividers
Location: 2nd Floor, Boys' Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-190A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Window Sill
Location: 3rd Floor, Boys' Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-190B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Window Sill
Location: 2nd Floor, Boys' Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-191A	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/190A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-191B	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Glue Associated w/190B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-192A	Black	0	0	0	0	0	0	30	0	0	0	0	0	70

Description: Black Vibration Dampening Cloth
Location: Basement, Fan Unit Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-192B	Black	0	0	0	0	0	0	30	0	0	0	0	0	70

Description: Black Vibration Dampening Cloth
Location: 3rd Floor, Extras Holding
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-193A	Red	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Red Fire Stop
Location: Basement, Mechanical Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-193B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Red Fire Stop
Location: 3rd Floor, Mechanical Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-194A	White	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Penetration Sealant
Location: 2nd Floor, Electrical Room
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-194B	White	TR	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Penetration Sealant
Location: 2nd Floor, Electrical Room
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-195A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray HVAc Duct Sealant
Location: Basement, Fan Unit Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-195B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray HVAc Duct Sealant
Location: Basement, Fan Unit Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-196A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Mirror Glue
Location: 2nd Floor, Auditorium, Rear Stage Area
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-196B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Mirror Glue
Location: 2nd Floor, Auditorium, Rear Stage Area
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23869
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77237**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-197A	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Mirror Glue
Location: 2nd Floor, Auditorium, Rear Stage Area
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-197B	Tan	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Tan Mirror Glue
Location: 2nd Floor, Auditorium, Rear Stage Area
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-198A	Gray	0	0	0	0	0	0	0	0	0	0	60	0	40

Description: Fire Blanket
Location: 3rd Floor, Room 300
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-198B	Gray	0	0	0	0	0	0	0	0	0	0	60	0	40

Description: Fire Blanket
Location: 3rd Floor, Room 317
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Stefanie Bishop

B77237

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 2

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR

JOB #: 1076.728

BATCH #: 23869

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

252

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-173A	2nd	CEMENT BOARD IN FUME HOOD - EXTRAS HOLDING ROOM - 2nd FL	
082911-148-173B		" " PANEL SQUARE WALL HOLE COVERING - HALL ROOM 203 - 2nd FL	
082911-148-174A	3rd	FUME HOOD COUNTER TOP - ROOM 304 3rd FL	
082911-148-174B		" " " "	
082911-148-175A		FUME HOOD WHITE CERAMIC TILE - ROOM 304 3rd FL	
082911-148-175B		" " " " "	
082911-148-176A		FUME HOOD CERAMIC TILE GROUT - ROOM 304 3rd FL	
082911-148-176B		" " " " "	
082911-148-177A	2nd	BLACK SINK UNDERCOATING - BOY'S ROOM - 2nd FL	
082911-148-177B		" " " - FACULTY ROOM - 2nd FL	
082911-148-178A	Ground	GRAY SINK UNDERCOATING - ROOM 54 ROUND TABLE	
082911-148-178B	1ST	" " " - ART STUDIO 1ST FL	
082911-148-179A	3rd	PINK SINK UNDERCOATING - ROOM 317A 3rd FL	
082911-148-179B		" " " " "	
082911-148-180A		WHITE/ORANGE SINK UNDERCOATING - ROOM 303 3rd FL	
082911-148-180B		" " " " " "	
082911-148-181A		SINK DRIP PADS - ROOM 300 3rd FL	
082911-148-181B		" " " - ROOM 303 3rd FL	
082911-148-182A		BLACK STUDENT LAB COUNTER - ROOM 306 3rd FL	
082911-148-182B		" " " - ROOM 304 3rd FL	
082911-148-183A		GLUE ASSOCIATED WITH 182A	
082911-148-183B		" " " 182B	
082911-148-184A		BLACK TEACHERS LAB COUNTER - ROOM 300 3rd FL	
082911-148-184B		" " " - ROOM 302 3rd FL	
082911-148-185A		GLUE ASSOCIATED WITH GRAY COUNTERTOP - ROOM 317 3rd FL	
082911-148-185B		" " " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: 9/6/11

630

B77237

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES — **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR TAT

JOB #: 1076.728

BATCH #: 23869

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-186A	3rd	Black Pressboard Lab Counter – Room 303 3rd Fl	
082911-148-186B		" " " – Room 305 3rd Fl	
082911-148-187A		Chalkboard – Room 303 3rd Fl	
082911-148-187B	2nd	" " " – Social Studies 2nd Fl	
082911-148-188A	3rd	Glue Associated with 187A	
082911-148-188B	2nd	" " " 187B	
082911-148-189A	3rd	Black Slate-Like Bathroom Stall dividers – Boy's Room 3rd Fl	
082911-148-189B	2nd	" " " " – Boy's Room 2nd Fl	
082911-148-190A	3rd	Black window Sill – Boy's Room 3rd Fl	
082911-148-190B	2nd	" " " – Boy's Room 2nd Fl	
082911-148-191A	3rd	Glue Associated with 190A	
082911-148-191B	2nd	" " " 190B	
082911-148-192A	Basement	Black Vibration Dampening cloth – Fan Unit Room – Basement	
082911-148-192B	3rd	" " " – Extras Holding – 3rd Fl	
082911-148-193A	Basement	Red Fire Stop – Mechanical Room Basement	
082911-148-193B	3rd	" " " "	
082911-148-194A	2nd	White Penetration Sealant – Electrical Room 2nd Fl	
082911-148-194B	/	" " " " "	
082911-148-195A	Basement	Gray HVAC Duct Sealant – Fan Unit Room Basement	
082911-148-195B	/	" " " " "	
082911-148-196A	2nd	Black Mirror Glue – Auditorium Rear Stage Area – 2nd Fl	
082911-148-196B		" " " " " "	
082911-148-197A	/	Tan Mirror Glue – Auditorium Rear Stage Area – 2nd Fl	
082911-148-197B	/	" " " " "	
082911-148-198A	3rd	Fire Blanket – Room 300 3rd Fl	
082911-148-198B	/	" " – Room 317 3rd Fl	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

Client Name: Hygienetics Environmental Services, Inc. Boston
Client Project #: 1076.728, #23869
Client Reference: City of Quincy, Old Quincy High School

Batch: 77237
Date Received: 9/6/2011
Date Due: 9/9/2011
Stop on first pos: Yes or No

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-173A	Cement Board in Fume Hood																										
082911-148-173B	Cement Board Panel Square Wall Hole Covering																										
082911-148-174A	Fume Hood Counter Top																										
082911-148-174B	Fume Hood Counter Top																										
082911-148-175A	Fume Hood White Ceramic Tile																										
082911-148-175B	Fume Hood White Ceramic Tile																										
082911-148-176A	Fume Hood Ceramic Tile Grout																										
082911-148-176B	Fume Hood Ceramic Tile Grout																										

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-177A	Black Sink Undercoating	SB	0	B	KN	SW																					100
082911-148-177B	Black Sink Undercoating		0	B	KN	SW																					100
082911-148-178A	Gray Sink Undercoating		10	G	KN	SW		Cup/Zuk/Sso							10												90
082911-148-178B	Gray Sink Undercoating Dup																										
082911-148-179A	Pink Sink Undercoating O-well		0	P	KN	SW																				+/-	Tr/100
082911-148-179B	Pink Sink Undercoating		0	P	KN	SW																				+/-	Tr/100
082911-148-180A	White/Orange Sink Undercoating		0	M	CN	SW																					100
082911-148-180B	White/Orange Sink Undercoating		0	M	CN	SW																					100
082911-148-181A	Sink Drip Pads		0	B	CN	SFN																	KB 70				30
082911-148-181B	Sink Drip Pads	V	0	B	KN	SFN																	KB 70				30

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-182A	Black Student Lab Counter	SB	0	B R	N	G W																					10
082911-148-182B	Black Student Lab Counter		0	B R	N	G W																					10
082911-148-183A	Glue Associated w/182A		0	B R	N	S W		UP	T				1.557	1.550	10												90
082911-148-183B	Glue Associated w/182B																										
	Dup																										
082911-148-184A	Black Teacher's Lab Counter		20	B R	N	G W		UP	T				1.557	1.550	20												80
082911-148-184B	Black Teacher's Lab Counter																										
	Dup																										
082911-148-185A	Glue Associated w/Gray Counter Top		0	B R	N	S W																	TR				
																							2				98
082911-148-185B	Glue Associated w/Gray Counter Top		0	B R	N	S W																	TR				
																							2				98
082911-148-186A	Black Pressboard Lab Counter		0	M C	N	S Gy																	TR				
																							90				10
082911-148-186B	Black Pressboard Lab Counter	VC		M C	N	S Gy																	TR				
																							95				5

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-187A	Chalkboard	SB	0	B Bn		Sw																					100
082911-148-187B	Chalkboard - Social Studies		0	B Bn		Sw																					100
082911-148-188A	Glue Associated w/187A		0	B Bn		Sw																					100
082911-148-188B	Glue Associated w/187B		0	B Bn		Sw																					100
082911-148-189A	Black Slate-Like Bathroom Stall Dividers		0	B Bn		Sw																					100
082911-148-189B	Black Slate-Like Bathroom Stall Dividers		0	B Bn		Sw																					100
082911-148-190A	Black Window Sill		0	B Bn		Sw																					100
082911-148-190B	Black Window Sill		0	B Bn		Sw																					100
082911-148-191A	Glue Associated w/190A		0	B Bn		Sw																					100
082911-148-191B	Glue Associated w/190B		0	B Bn		Sw																					100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-192A	Black Vibration Dampening Cloth	SB	0	B	Fu	Ru															Ru						
																					30						70
082911-148-192B	Black Vibration Dampening Cloth		0	B	Fu	Ru															Ru						
																					30						70
082911-148-193A	Red Fire Stop		0	Ru	Su																Ru						
																					5						95
082911-148-193B	Red Fire Stop		0	Ru	Su																						
																											100
082911-148-194A	White Penetration Sealant		0	Wh	Su			Up	Tu				1.57	1.550	TR												
																											100
082911-148-194B	White Penetration Sealant		0	Wh	Su			Up	Tu				1.57	1.550	TR												
																											100
082911-148-195A	Gray HVAc Duct Sealant		0	G	Su																						
																											100
082911-148-195B	Gray HVAc Duct Sealant		0	G	Su																						
																											100
082911-148-196A	Black Mirror Glue		0	B	Fu	Su																					
																											100
082911-148-196B	Black Mirror Glue		0	B	Fu	Su																					
																											100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77237

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-197A	Tan Mirror Glue																										
082911-148-197B	Tan Mirror Glue																										
082911-148-198A	Fire Blanker																										
082911-148-198B	Fire Blanker																										

Analyzed By / Date: 9-9-11 **QC By / Date:** **Fax, Email, Verbal Results By / Date:** **# of Samples:** 52

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 07, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77171 CLIENT PROJECT ID: 1076.728, 23870
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

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ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23870
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77171**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/6/2011
Date of Report: 9/7/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-199A	Multi	20	0	0	0	0	0	0	0	70	0	0	0	10

Description: 1" TSI Pipe Insulation
Location: Ground Level, Cafeteria
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-199B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 1" TSI Pipe Insulation
Location: Ground Level, Cafeteria
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-199C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 1" TSI Pipe Insulation
Location: Ground Level, Cafeteria
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-200A	Brown	10	0	0	0	0	0	0	0	80	0	0	0	10

Description: 2" TSI Pipe Insulation
Location: 3rd Floor, Chase in Boy's Room
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-200B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 2" TSI Pipe Insulation
Location: 2nd Floor, Closet, Room 213
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-200C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 2" TSI Pipe Insulation
Location: Ground Level, Room 67
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23870
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77171**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/6/2011
Date of Report: 9/7/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-201A	White	40	0	0	0	0	0	0	0	TR	0	0	0	60

Description: 4" TSI Pipe Insulation
Location: Ground Level, Room 63
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-201B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 4" TSI Pipe Insulation
Location: Ground Level, Room 57
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-201C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 4" TSI Pipe Insulation
Location: Ground Level, Cafeteria
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-202A	White	40	0	0	0	0	0	0	0	2	0	0	0	58

Description: 8" TSI Pipe Insulation
Location: Ground Level, Room 67
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-202B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 8" TSI Pipe Insulation
Location: Ground Level, Room 57
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-202C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 8" TSI Pipe Insulation
Location: Ground Level, Room 033B
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23870
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77171**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/6/2011
Date of Report: 9/7/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-203A	White	40	0	0	0	0	0	0	0	20	0	0	0	40

Description: 12" TSI Pipe Insulation
Location: Basement, Wainscoat Chase in Gym
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-203B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12" TSI Pipe Insulation
Location: Basement, Rear Hall
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-203C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: 12" TSI Pipe Insulation
Location: Ground Level, Electrical Room/Janitor Area
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-204A	Brown	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Brown Blown-In Insulation above Plaster Ceiling
Location: 2nd Floor, Auditorium Store Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-204B	Brown	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Brown Blown-In Insulation above Plaster Ceiling
Location: 2nd Floor, Auditorium Store Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-204C	Brown	0	0	0	0	0	0	0	0	90	0	0	0	10

Description: Brown Blown-In Insulation above Plaster Ceiling
Location: 2nd Floor, Auditorium Store Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23870
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77171**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/6/2011
Date of Report: 9/7/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-205A	White	0	0	0	0	0	0	0	90	TR	0	0	0	10

Description: White Wool Insulation
Location: 3rd Floor, Eaves
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-205B	White	0	0	0	0	0	0	0	90	TR	0	0	0	10

Description: White Wool Insulation
Location: 3rd Floor, Eaves
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-205C	White	0	0	0	0	0	0	0	90	TR	0	0	0	10

Description: White Wool Insulation
Location: 3rd Floor, Eaves
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Robert West Valerie Haller Jr

D77171

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES | **ASBESTOS BULK DATA FORM** | CHAIN OF CUSTODY | PAGE: 1 OF 1

PROJECT: Old Quincy High School -

REQUESTED TAT: 24 HR

JOB #: 1076.728

BATCH #: 23870

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-199A	Ground	4" TSI pipe Insulation - Cafeteria ground level	
082911-148-199B	/	" " " " "	
082911-148-199C	/	" " " " "	
082911-148-200A	3rd	2" TSI pipe Insulation - Chase in Boy's Room 3rd Fl	
082911-148-200B	2nd	" " " - Closet - Room 213 2nd Fl	
082911-148-200C	Ground	" " " - Room 67 ground level	
082911-148-201A	|	4" TSI pipe Insulation - Room 63 ground level	
082911-148-201B	|	" " " - Room 57 ground level	
082911-148-201C	|	" " " - Cafeteria ground level	
082911-148-202A	|	8" TSI pipe Insulation - Room 67 ground level	
082911-148-202B	|	" " " - Room 57 ground level	
082911-148-202C	|	" " " - Room 033B ground level	
082911-148-203A	Basement	12" TSI pipe Insulation - Wainscot chase in Gym - Basement	
082911-148-203B	/	" " " - Rear Hall - Basement	
082911-148-203C	Ground	" " " " - Electrical Room/Janitor Area - Ground Fl	
082911-148-204A	2nd	Brown Brown-In Insulation Above Plaster Ceiling - Auditorium Storage Room - 2nd Fl	
082911-148-204B	/	" " " " "	
082911-148-204C	/	" " " " "	
082911-148-205A	3rd	White Wool Insulation - Eaves - 3rd Fl	
082911-148-205B	/	" " " "	
082911-148-205C	/	" " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

6 8 11

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 09, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

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If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77238 CLIENT PROJECT ID: 1076.728, #23871
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

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ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206A	Gray	0	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: 3rd Floor, Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206B	Gray	0	0	0	0	0	0	0	0	0	2	0	0	98

Description: Coarse Coat Wall Plaster
Location: 3rd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206C	Gray	0	0	0	0	0	0	0	0	0	2	0	0	98

Description: Coarse Coat Wall Plaster
Location: 3rd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206D	Gray	0	0	0	0	0	0	0	0	0	2	0	0	98

Description: Coarse Coat Wall Plaster
Location: 2nd Floor, Room 206
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206E	Gray	0	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: 2nd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206F	Gray	0	0	0	0	0	0	0	0	TR	2	0	0	98

Description: Coarse Coat Wall Plaster
Location: 2nd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206G	Gray	0	0	0	0	0	0	0	0	0	10	0	0	90

Description: Coarse Coat Wall Plaster
Location: 1st Floor, Cape Cod Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206H	Gray	0	0	0	0	0	0	0	0	0	2	0	0	98

Description: Coarse Coat Wall Plaster
Location: 1st Floor, Rear Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206I	Gray	0	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: 1st Floor, Principal's Office
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206J	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: Ground Level, 1st Aid Station
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206K	Gray	0	0	0	0	0	0	0	0	TR	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: Ground Level, Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206L	Gray	0	0	0	0	0	0	0	0	TR	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: Ground Level, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-206M	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Wall Plaster
Location: Basement, Rear Hall
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 3rd Floor, Room 305
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207B	White	0	0	0	0	0	0	0	0	0	2	0	0	98

Description: Skim Coat Wall Plaster
Location: 3rd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207C	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 3rd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207D	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 2nd Floor, Room 206
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207E	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 2nd Floor, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207F	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 2nd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207G	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 1st Floor, Cape Cod Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207H	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 1st Floor, Rear Hall
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207I	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: 1st Floor, Principal's Office
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207J	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: Ground Level, 1st Aid Station
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207K	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: Ground Level, Room 57
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207L	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: Ground Level, Hall
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-207M	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Wall Plaster
Location: Basement, Rear Hall
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-208A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Coarse Coat Ceiling Plaster
Location: 3rd Floor, Hall @ Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-208B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Coarse Coat Ceiling Plaster
Location: Ground Level, Room 58
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-208C	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Coarse Coat Ceiling Plaster
Location: 1st Floor, Hall @ Pride Room
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-209A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Ceiling Plaster
Location: 3rd Floor, Hall @ Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-209B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Ceiling Plaster
Location: Ground Level, Room 58
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-209C	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Ceiling Plaster
Location: 1st Floor, Hall @ Pride Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-210A	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Beam Plaster
Location: 2nd Floor, Rear Hall @ Stairs
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-210B	Gray	0	0	0	0	0	0	0	0	TR	0	0	0	100

Description: Coarse Coat Beam Plaster
Location: 2nd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-210C	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Coarse Coat Column Plaster
Location: Ground Floor, Cafeteria
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-211A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Beam Plaster
Location: 2nd Floor, Rear Hall @ Stairs
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-211B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Beam Plaster
Location: 2nd Floor, Boy's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-211C	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Column Plaster
Location: Ground Floor, Cafeteria
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-212A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Plaster on Decorative Moulding
Location: 2nd Floor, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-212B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Plaster on Decorative Moulding
Location: 2nd Floor, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-212C	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Skim Coat Plaster on Decorative Moulding
Location: 1st Floor, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-213A	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Elevator Shaft Plaster
Location: 3rd Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77238**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-213B	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Elevator Shaft Plaster
Location: 2nd Floor
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-213C	Gray	TR	0	0	0	0	0	0	0	0	TR	0	0	100

Description: Elevator Shaft Plaster
Location: 1st Floor
Comments: Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-214A	Multi	0	0	0	0	0	0	0	0	TR	TR	0	0	100

Description: Textured Coating on Concrete Wall
Location: Basement, Fan Unit Room
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-214B	Multi	0	0	0	0	0	0	0	0	TR	TR	0	0	100

Description: Textured Coating on Concrete Wall
Location: Basement, Fan Unit Room
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-214C	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Textured Coating on Concrete Wall
Location: Basement, Fan Unit Room
Comments: Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] / [Sample ID]).

* All results are in percentage.

Analyst: Dan Pine

Client Name: Hygienetics Environmental Services, Inc. Boston
Client Project #: 1076.728, #23871
Client Reference: City of Quincy, Old Quincy High School

Batch: 77238
Date Received: 9/6/2011
Date Due: 9/9/2011
Stop on first pos: Yes or No

Batch: 77238 9/9/11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-206A	Coarse Coat Wall Plaster		0	Gy	N	F Gy																		SC TR			100
082911-148-206B	Coarse Coat Wall Plaster		0	Gy	N	F Gy																		SC 2			98
082911-148-206C	Coarse Coat Wall Plaster		0	Gy	N	F Gy																		SC 2			98
082911-148-206D	Coarse Coat Wall Plaster		0	Gy	N	E Gy																		SC 2			98
082911-148-206E	Coarse Coat Wall Plaster		0	Gy	N	E Gy																		SC TR			100
082911-148-206F	Coarse Coat Wall Plaster		0	Gy	N	E Gy																	W	SC TR 2			98
082911-148-206G	Coarse Coat Wall Plaster		0	Gy	N	F Gy																		SC 10			90
082911-148-206H	Coarse Coat Wall Plaster		0	Gy	N	E Gy																		SC 2			98

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77238 9/9/11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-206I	Coarse Coat Wall Plaster		0																					SC			
			~~TR~~	Gy	N	E GN	Y																	TR			100
082911-148-206J	Coarse Coat Wall Plaster							W	II	+	L	N	1.554	1.507	TR									SC			
			TR	Gy	N	E GN	Y																	TR			100
082911-148-206K	Coarse Coat Wall Plaster																						W	SC			
			0	Gy	N	E GN	Y																TR	TR			100
082911-148-206L	Coarse Coat Wall Plaster																						W	SC			
			0	Gy	N	E GN	Y																TR	TR			100
082911-148-206M	Coarse Coat Wall Plaster							W	II	+	L	N	1.554	1.507	TR									SC			
			0	Gy	N	E GN	Y																	TR			100
082911-148-207A	Skim Coat Wall Plaster																										
			0	Wh	Y	GN	Y																				100
082911-148-207B	Skim Coat Wall Plaster																							SC			
			0	Wh	N	E GN	Y																	2			98
082911-148-207C	Skim Coat Wall Plaster																										
			0	Wh	Y	GN	Y																				100
082911-148-207D	Skim Coat Wall Plaster																										
			0	Wh	Y	GN	Y																				100
082911-148-207E	Skim Coat Wall Plaster																										
			0	Wh	Y	GN	Y																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77238 Dan Lue 9/9/11

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-207F	Skim Coat Wall Plaster		0	wh	y	GN	y																				100
082911-148-207G	Skim Coat Wall Plaster		0	wh	y	GN	y																				100
082911-148-207H	Skim Coat Wall Plaster		0	wh	y	GN	y																				100
082911-148-207I	Skim Coat Wall Plaster		0	wh	y	GN	y																				100
082911-148-207J	Skim Coat Wall Plaster		0	wh	y	GNY																					100
082911-148-207K	Skim Coat Wall Plaster		0	wh	y	GNY																					100
082911-148-207L	Skim Coat Wall Plaster		0	wh	y	GNY																					100
082911-148-207M	Skim Coat Wall Plaster		0	wh	y	GNY																					100
082911-148-208A	Coarse Coat Ceiling Plaster		0	wh	y	GNY																					100
082911-148-208B	Coarse Coat Ceiling Plaster		0	wh	y	GNY																					100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77238 9/9/11

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-208C	Coarse Coat Ceiling Plaster		0	wht	y	GN	y																				100
082911-148-209A	Skim Coat Ceiling Plaster		0	wht	y	GN	y																				100
082911-148-209B	Skim Coat Ceiling Plaster		0	wht	y	GN	y																				100
082911-148-209C	Skim Coat Ceiling Plaster		0	wht	y	GN	y																				100
082911-148-210A	Coarse Coat Beam Plaster		0	Gy	N	E GN	y	W	W	+	L	N	1.554	1.551	TR									SC TR			100
082911-148-210B	Coarse Coat Beam Plaster		0	Gy	N	E GN	y																W TR				100
082911-148-210C	Coarse Coat Column Plaster		0	Gy	N	E GN	y	W	W	+	L	N	1.554	1.551	TR									SC TR			100
082911-148-211A	Skim Coat Beam Plaster		0	wht	y	GN	y																				100
082911-148-211B	Skim Coat Beam Plaster		0	wht	y	GN	y																				100
082911-148-211C	Skim Coat Column Plaster		0	wht	y	GN	y																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77238

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-212A	Skim Coat Plaster on Decorative Moulding		O	WH	y	GN	y																				100
082911-148-212B	Skim Coat Plaster on Decorative Moulding		O	WH	y	GN	y																				100
082911-148-212C	Skim Coat Plaster on Decorative Moulding		O	WH	y	GN	y																				100
082911-148-213A	Elevator Shaft Plaster		TR	Gy	N	E GN	y	W	II	+	L	N	1.534	1.551	TR									SC TR			100
082911-148-213B	Elevator Shaft Plaster		TR	Gy	N	E GN	y	W	II	+	L	N	1.534	1.551	TR									SC TR			100
082911-148-213C	Elevator Shaft Plaster		TR	Gy	N	E GN	y	W	II	+	L	N	1.534	1.551	TR									SC TR			100
082911-148-214A	Textured Coating on Concrete Wall		O	MC	N	GN	y																W	SC TR TR			100
082911-148-214B	Textured Coating on Concrete Wall		O	MC	N	GN	y																W	SC TR TR			100
082911-148-214C	Textured Coating on Concrete Wall		O	MC	N	GN	y																				100

Analyzed By / Date: 9/9/11 **QC By / Date:** **Fax, Email, Verbal Results By / Date:** **# of Samples:** 47

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

B77238

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES | **ASBESTOS BULK DATA FORM** | CHAIN OF CUSTODY | PAGE: 1 OF 2

PROJECT: Old Quincy High School -

REQUESTED TAT: on Day TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-206A	3rd	COARSE COAT WALL PLASTER - Room 305 3rd Fl	
082911-148-206B	/	" " " " - GIRLS Room 3rd Fl	
082911-148-206C	/	" " " " - Hall 3rd Fl	
082911-148-206D	2nd	" " " " - Room 206 2nd Fl	
082911-148-206E	/	" " " " - Hall 2nd Fl	
082911-148-206F	/	" " " " - Boys Room 2nd Fl	
082911-148-206G	1ST	" " " " - Cape Cod Room 1ST Fl	
082911-148-206H	/	" " " " - Rear Hall 1ST Fl	
082911-148-206I	/	" " " " - Principals office 1ST Fl	
082911-148-206J	ground	" " " " - 1ST Aid Station ground level	
082911-148-206K	/	" " " " - Room 57 ground level	
082911-148-206L	/	" " " " - Hall ground level	
082911-148-206M	basement	" " " " - Rear Hall Basement	
082911-148-207A	3rd	Skim COAT WALL PLASTER - Room 305 3rd Fl	
082911-148-207B	/	" " " - GIRLS Room 3rd Fl	
082911-148-207C	/	" " " - Hall 3rd Fl	
082911-148-207D	2nd	" " " - Room 206 2nd Fl	
082911-148-207E	/	" " " - Hall 2nd Fl	
082911-148-207F	/	" " " - Boys Room 2nd Fl	
082911-148-207G	1ST	" " " - Cape Cod Room 1ST Fl	
082911-148-207H	/	" " " - Rear Hall 1ST Fl	
082911-148-207I	/	" " " - Principals office 1ST Fl	
082911-148-207J	ground	" " " - 1ST AID STATION ground level	
082911-148-207K	/	" " " - Room 57 ground level	
082911-148-207L	/	" " " - Hall ground level	
082911-148-207M	basement	" " " - Rear Hall Basement	

JOB #: 1076.728 SB

BATCH #: 23871

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE ALL SAMPLES

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: 9/6/11

630A

B77238

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT:

JOB #: 1076.728

BATCH #: 23871

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE ALL SAMPLES

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-208A	3rd	Coarse Coat Ceiling Plaster - Hall at room 304, 3rd Fl	
082911-148-208B	ground	" " " " - Room 58 ground level	
082911-148-208C	1st	" " " " - Hall at Bride Room, 1st Fl	
082911-148-209A	3rd	Skim coat ceiling plaster, Hall at Room 304, 3rd Fl	
082911-148-209B	ground	" " " - Room 58 ground ~~level~~ Fl	
082911-148-209C	1st	" " " - Hall at Bride Room 1st Fl	
082911-148-210A	2nd	Coarse Coat Beam Plaster - Rear Hall at stairs, 2nd Fl	
082911-148-210B	/	" " " " - Boys Room 2nd Fl	
082911-148-210C	ground	" " Column Plaster - Cafeteria, ground Fl	
082911-148-211A	2nd	Skim Coat Beam plaster - Rear Hall at stairs, 2nd Fl	
082911-148-211B	/	" " " " - Boys Room, 2nd Fl	
082911-148-211C	ground	" " column plaster - Cafeteria, ground Fl	
082911-148-212A	2nd	Skim Coat plaster on decorative moulding - Auditorium, 2nd Fl	
082911-148-212B	/	" " " " " "	
082911-148-212C	1st	" " " " - " 1st Fl	
082911-148-213A	3rd	Elevator Shaft Plaster - 3rd Fl	
082911-148-213B	2nd	" " " - 2nd Fl	
082911-148-213C	1st	" " " - 1st Fl	
082911-148-214A	Basement	Textured Coating on Concrete wall - Fan unit Room - Basement	
082911-148-214B	/	" " " " " "	
082911-148-214C	/	" " " " " "	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 09, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77239 CLIENT PROJECT ID: 1076.728, #23872
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-215A	Multi	0	0	0	0	0	0	0	0	25	0	0	0	75

Description: Sheetrock
Location: Basement, Gym
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-215B	Multi	0	0	0	0	0	0	TR	0	10	0	0	0	90

Description: Sheetrock
Location: 2nd Floor, Room 211
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-215C	White	0	0	0	0	0	0	2	0	2	0	0	0	96

Description: Sheetrock
Location: 3rd Floor, Room 310
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Joint Compound
Location: Basement, Gym
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Joint Compound
Location: Ground Level, Room 55
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216C	White	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: Joint Compound
Location: 1st Floor, Auditorium, Stair Area
Comments: Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216D		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: 1st Floor, Nurse's Office
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216E		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: 2nd Floor, Auditorium, Store Room
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216F		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: 2nd Floor, Hall @ Rear Stairs
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216G		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: 3rd Floor, Hall
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-216H		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Joint Compound
Location: 3rd Floor, Room 317
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-217A	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fire Brick - Inner Walls
Location: 3rd Floor, Room 304
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-217B	Red	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Fire Brick - Inner Walls
Location: 2nd Floor, Janitor's Closet
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-218A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/217A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-218B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/217B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-219A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Brick
Location: Basement, Laundry Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-219B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Brick
Location: Basement, Laundry Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-220A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/219A
Location: Basement, Laundry Room
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-220B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/219B
Location: Basement, Laundry Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-221A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Brick
Location: Exterior
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-221B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Brick
Location: 3rd Floor, Interior, Rear Hall
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-222A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/221A
Location: Exterior
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-222B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/221B
Location: 3rd Floor, Interior
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-223A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Sand Stone
Location: Exterior Façade
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-223B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Sand Stone
Location: Exterior Façade
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-224A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/223A
Location: Exterior Façade
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-224B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/223B
Location: Exterior Façade
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-225A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Block
Location: Basement, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-225B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Block
Location: 2nd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-226A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/225A
Location: Basement
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-226B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Mortar Associated w/225B
Location: 2nd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-227A	Blue	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Block Coating
Location: Basement, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-227B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: CMU Block Coating
Location: 2nd Floor, Girl's Room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-228A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Ceramic Tile
Location: 3rd Floor, Boy's room
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-228B	Brown	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Ceramic Tile
Location: Ground Level, Kitchen
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-229A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Grout/Glue Associated w/228A
Location: 3rd Floor
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-229B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Grout/Glue Associated w/228B
Location: Ground Level
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-230A	Brown	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Brown Gauze Vibration Cloth on HVAC
Location: Roof, Penthouse
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-230B	Brown	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Brown Gauze Vibration Cloth on HVAC
Location: Roof, Penthouse
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-231A	Black	0	0	0	0	0	0	0	0	25	0	0	0	75

Description: Tar Gravel Roof, Top Layer
Location: Main Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-231B	Black	0	0	0	0	0	0	0	0	25	0	0	0	75

Description: Tar Gravel Roof, Top Layer
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-232A	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Paper Beneath Tar/Gravel Roof
Location: Main Roof
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
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		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-232B	Black	0	0	0	0	0	0	0	0	70	0	0	0	30

Description: Paper Beneath Tar/Gravel Roof
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-233A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Concrete Deck, 3rd Layer
Location: Main Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-233B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Concrete Deck, 3rd Layer
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-234A	Black	15	0	0	0	0	0	10	0	0	0	0	0	75

Description: Flashing Membrane
Location: Main Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-234B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Flashing Membrane
Location: Main Roof
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-235A	Black	TR	0	0	0	0	0	0	0	35	0	0	0	65

Description: Tar/Paper Beneath Flashing Membrane
Location: Main Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-235B	Black	TR	0	0	0	0	0	0	0	35	0	0	0	65

Description: Tar/Paper Beneath Flashing Membrane
Location: Main Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-236A	Black	15	0	0	0	0	0	0	0	0	0	0	0	85

Description: Light Gray Sealant @ Copper Flashing
Location: Roof, Base of Penthouse
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-236B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Light Gray Sealant @ Copper Flashing
Location: Roof, Base of Auditorium
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-237A	Black	10	0	0	0	0	0	0	0	0	0	0	0	90

Description: Black Tar Sealant on Copper Flashing
Location: Roof, Base of Penthouse
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-237B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Tar Sealant @ Penetration Base
Location: Auditorium Roof
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-238A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Gray Sealant @ Penetration Base
Location: Auditorium Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-238B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Gray Sealant @ Penetration Base
Location: Auditorium Roof
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-239A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Rubber Membrane on Copper
Location: Main Roof
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-239B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Rubber Membrane @ Base of New HVAC Stack
Location: Main Roof
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-240A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Sealant Associated w/239A
Location: Roof
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-240B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Sealant Associated w/239B
Location: Roof
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-241A	Black	5	0	0	0	0	0	10	0	0	0	0	0	85

Description: Rolled Asphalt on HVAC Duct
Location: Auditorium Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-241B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Rolled Asphalt on HVAC Duct
Location: Auditorium Roof
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-242A	Black	2	0	0	0	0	0	0	0	10	0	0	0	88

Description: Black Sealant Associated w/241A
Location: Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-242B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Sealant Associated w/241B
Location: Roof
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-243A	Black	10	0	0	0	0	0	25	0	0	0	0	0	65

Description: Black Coating on Fiberglass HVAC Duct Panels
Location: Auditorium Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-243B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Coating on Fiberglass HVAC Duct Panels
Location: Auditorium Roof
Comments:
Analyzed: No

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-244A	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Stick Pin Glue Associated w/243A
Location: Roof
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77239**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/9/2011
Date of Report: 9/9/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-244B	Yellow	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Yellow Stick Pin Glue Associated w/243B
Location: Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-245A	Multi	0	0	0	0	0	0	10	0	0	0	0	0	90

Description: Asphalt Shingles - Wood Bump
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-245B	Multi	0	0	0	0	0	0	10	0	0	0	0	0	90

Description: Asphalt Shingles - Wood Bump
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Dan Pine Valerie Hauser

B77239

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 3

PROJECT: Old Quincy High School -

REQUESTED TAT: 72 HR TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-215A	Basement	SHEETROCK - Gym Basement	
082911-148-215B	2nd	" " - Room 211 2nd Fl	
082911-148-215C	3rd	" " - Room 310 3rd Fl	
082911-148-216A	Basement	JOINT COMPOUND - Gym Basement	
082911-148-216B	Ground	" " - Room 55 Ground Level	
082911-148-216C	1st	" " - Auditorium Snack Area 1st Fl	
082911-148-216D	/	" " - Nurses office 1st Fl	
082911-148-216E	2nd	" " - Auditorium Store Room 2nd Fl	
082911-148-216F	/	" " - Hall @ Rear Stairs - 2nd Fl	
082911-148-216G	3rd	" " - Hall 3rd Floor	
082911-148-216H	/	" " - Room 317, 3rd Floor	
082911-148-217A	/	FIRE BRICK - Inner walls - Room 304, 3rd Floor	
082911-148-217B	2nd	" " " - Janitor Closet 2nd Floor	
082911-148-218A	3rd	MORTAR ASSOCIATED WITH 217A	
082911-148-218B	2nd	" " " 217B	
082911-148-219A	Basement	WHITE BRICK - Laundry Room Basement	
082911-148-219B	/	" " " "	
082911-148-220A	/	MORTAR ASSOCIATED WITH 219A	
082911-148-220B	/	" " " 219B	
082911-148-221A	Ext	YELLOW BRICK - EXTERIOR	
082911-148-221B	3rd	" " - INTERIOR 3rd Fl Rear Hall	
082911-148-222A	Ext	MORTAR ASSOCIATED WITH 221A	
082911-148-222B	3rd	" " " 221B	
082911-148-223A	Ext.	SAND STONE - EXTERIOR Facade	
082911-148-223B		" " " "	
082911-148-224A	/	MORTAR ASSOCIATED WITH 223A	

JOB #: 1076.728

BATCH #: 23872

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

Key

ADDITIONAL COMMENTS:

RELINQUISHED BY: DATE: 08/29/11 RECEIVED BY: DATE:

Co 26th

B 77239

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ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 2 OF 3

PROJECT: Old Quincy High School -

REQUESTED TAT:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-224B	Ext	Mortar associated with 223B	
082911-148-225A	Basement	CMU Block - Girls Room Basement	
082911-148-225B	2nd	" " - Girls Room, 2nd Fl	
082911-148-226A	Basement	Mortar associated with 225A	
082911-148-226B	2nd	" " " 225B	
082911-148-227A	Basement	CMU Block Coating - Girls Room Basement	
082911-148-227B	2nd	" " " - Girls Room 2nd Fl	
082911-148-228A	3rd	Ceramic Tile - Boys Room 3rd Fl	
082911-148-228B	ground	" " - kitchen ground level	
082911-148-229A	3rd	Grout/glue associated with 228A	
082911-148-229B	ground	" " " 228B	
082911-148-230A	Roof	Broken Gauze Ventilation Cloth on HVAC - Penthouse at Roof	
082911-148-230B		" " " " " " "	
082911-148-231A		Tar Gravel Roof, Top Layer - Main Roof	
082911-148-231B		" " " " " - Auditorium Roof	
082911-148-232A		Paper Beneath Tar/Gravel Roof - Main Roof	
082911-148-232B		" " " - Auditorium	
082911-148-233A		Concrete Deck, 3rd layer - main Roof	
082911-148-233B		" " " " - Auditorium Roof	
082911-148-234A		Flashing membrane - main Roof	
082911-148-234B		" " " " "	
082911-148-235A		Tar/Paper beneath flashing membrane - Main Roof	
082911-148-235B		" " " "	
082911-148-236A		Light Gray Sealant @ Copper Flashing - Base of Penthouse Roof	
082911-148-236B		" " " - Base of Auditorium Roof	
082911-148-237A		Black Tar Sealant on Copper Flashing - Base of Penthouse Roof	

JOB #: 1076.728

BATCH #: 23872

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: DATE: 08/29/11 RECEIVED BY: DATE:

B77239

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PROJECT: Old Quincy High School -

REQUESTED TAT:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-237B	Roof	Black Tar Sealant at Penetration Boxes - Auditorium Roof	
082911-148-238A		Gray Sealant at Penetration Boxes - Auditorium Roof	
082911-148-238B		" " " " "	
082911-148-239A		Black Rubber Membrane on Copper Cornice - Main Roof	
082911-148-239B		" " " " at Base of New HVAC Stack - Main Roof	
082911-148-240A		Sealant Associated with 239A	
082911-148-240B		" " " 239B	
082911-148-241A		Rolled Asphalt on HVAC Duct - Auditorium Roof	
082911-148-241B		" " " "	
082911-148-242A		Black Sealant Associated with 241A	
082911-148-242B		" " " 241B	
082911-148-243A		Black Coating on Fiberglass HVAC Duct Panels - Auditorium Roof	
082911-148-243B		" " " " " "	
082911-148-244A		Yellow Stick Pin glue Associated with 243A	
082911-148-244B		" " " " 243B	
082911-148-245A		Asphalt Shingles - Wood Bump Out - Auditorium Roof	
082911-148-245B		" " " " "	
082911-148-			
082911-148-			
082911-148-			
082911-148-			
082911-148-			
082911-148-			
082911-148-			
082911-148-			
082911-148-			

JOB #: 1076.728

BATCH #: 23872

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS:

RELINQUISHED BY: DATE: 08/29/11 RECEIVED BY: DATE:

Client Name: Hygienetics Environmental Services, Inc. Boston
Client Project #: 1076.728, #23872
Client Reference: City of Quincy, Old Quincy High School

Batch: 77239
Date Received: 9/6/2011
Date Due: 9/9/2011
Stop on first pos: Yes or No

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-215A	Sheetrock																						W				
			O	mc	N	E GN	y																25				75
082911-148-215B	Sheetrock																				I		W				
			O	mc	N	E GN	y														TR		10				90
082911-148-215C	Sheetrock																				I		W				
			O	wh	y	E GN															2		2				96
082911-148-216A	Joint Compound						(Ep)	~~W~~	~~II~~	~~+~~	~~L~~	~~N~~	~~1.554~~	~~1.551~~	~~2~~												100
			O	wh	y	GNy																					~~98~~ 98 (Ep)
082911-148-216B	Joint Compound																										
			O	wh	y	GNy																					100
082911-148-216C	Joint Compound							W	II	+	L	N	1.554	1.551	~~2~~												
			O	wh	y	GNy																					98
082911-148-216D	Joint Compound																										
																											DNA
082911-148-216E	Joint Compound																										
																											DNA

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent							
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
082911-148-216F	Joint Compound																											DNA
082911-148-216G	Joint Compound																											DNA
082911-148-216H	Joint Compound																											DNA
082911-148-217A	Fire Brick - Inner Walls		0	R	y	GN	N																				100	
082911-148-217B	Fire Brick - Inner Walls		0	R	y	GN	N																				100	
082911-148-218A	Mortar Associated w/217A		0	Me	N	GN	N																				100	
082911-148-218B	Mortar Associated w/217B		0	Gy	N	GN	y																				100	
082911-148-219A	White Brick		0	wh	y	GN	y																				100	
082911-148-219B	White Brick		0	wh	y	Gry																					100	
082911-148-220A	Mortar Associated w/219A		0	Gy	y	GN	y																				100	

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-220B	Mortar Associated w/219B		0	Gy	Y	GN	Y																				100
082911-148-221A	Yellow Brick		0	MC	N	GN	N																				100
082911-148-221B	Yellow Brick		0	Gy	Y	GN	N																				100
082911-148-222A	Mortar Associated w/221A		0	Gy	Y	GN	N																				100
082911-148-222B	Mortar Associated w/221B		0	Gy	Y	GN	N																				100
082911-148-223A	Sand Stone		0	Gy	Y	GN	N																				100
082911-148-223B	Sand Stone		0	Gy	Y	GN	N																				100
082911-148-224A	Mortar Associated w/223A		0	Gy	Y	GN	N																				100
082911-148-224B	Mortar Associated w/223B		0	Gy	Y	GN	N																				100
082911-148-225A	CMU Block		0	Gy	N	GN	N																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-225B	CMU Block		0	GY	y	GN	N																				100
082911-148-226A	Mortar Associated w/225A		0	GY	y	GN	N																				100
082911-148-226B	Mortar Associated w/225B		0	GY	y	GN	N																				100
082911-148-227A	CMU Block Coating		0	BL	N	R	N																				100
082911-148-227B	CMU Block Coating		0	WH	N	R	N																				100
082911-148-228A	Ceramic Tile		0	WH	N	GN	N																				100
082911-148-228B	Ceramic Tile		0	BR	y	GN	N																				100
082911-148-229A	Grout/Glue Associated w/228A		0	WH	y	GN	y																				100
082911-148-229B	Grout/Glue Associated w/228B		0	WH	y	R	N																				100
082911-148-230A	Brown Gauze Vibration Cloth on HVAC		0	BR	y	F	y																N				
																							100				

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-230B	Brown Gauze Vibration Cloth on HVAC																						W				
			O	BR	y	F	y																100				
082911-148-231A	Tar Gravel Roof, Top Layer																						W				
			O	BK	N	F/T	N																25				75
082911-148-231B	Tar Gravel Roof, Top Layer																						W				
			O	BK	N	F/T	N																25				75
082911-148-232A	Paper Beneath Tar/Gravel Roof																						W				
			O	BK	y	F/T	Y																70				30
082911-148-232B	Paper Beneath Tar/Gravel Roof																						W				
			O	BK	y	F/T	y.																70				30.
082911-148-233A	Concrete Deck, 3rd Layer																										
			O	GY	y	GN	y																				100
082911-148-233B	Concrete Deck, 3rd Layer																										
			O	GY	y	GN	y																				100
082911-148-234A	Flashing Membrane							W	L	+	LN		1.564	1.517	15						I						
			O	BK	y	F/T	N														10						75
082911-148-234B	Flashing Membrane																										
																											DNA
082911-148-235A	Tar/Paper Beneath Flashing Membrane							W	L	+	LN		1.514	1.515	TR								W				
			O	BK	N	F/T	N																35				65

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous	
082911-148-235B	Tar/Paper Beneath Flashing Membrane							W	II	+	LN		1.554	1.517	TR								W					
			0	BK	N	F/T	N																35				65	
082911-148-236A	Light Gray Sealant @ Copper Flashing							W	II	+	LN		1.554	1.520	15													
			20	BK	y	F/T	N																				85	
082911-148-236B	Light Gray Sealant @ Copper Flashing																											DNA
082911-148-237A	Black Tar Sealant on Copper Flashing							W	II	+	LN		1.554	1.517	10													
			0	BK	y	T	N																				90	
082911-148-237B	Black Tar Sealant @ Penetration Base																											DNA
082911-148-238A	Gray Sealant @ Penetration Base							W	II	+	LN		1.554	1.520	20													
			20	BK	y	F/T	N																				80	
082911-148-238B	Gray Sealant @ Penetration Base																											DNA
082911-148-239A	Black Rubber Membrane on Copper																											
			0	BK	y	R	N																				100	
082911-148-239B	Black Rubber Membrane @ Base of New HVAC Stack																											
			0	BK	y	R	N																				100	
082911-148-240A	Sealant Associated w/239A																											
			0	BK	y	R	N																				100	

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent							
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-240B	Sealant Associated w/239B		0	BK	Hy	R	N																				100
082911-148-241A	Rolled Asphalt on HVAC Duct		0	BK	N	F/A	N	W	II	+	L	N	1.074	1.07	5						I 10						85
082911-148-241B	Rolled Asphalt on HVAC Duct																										DNA
082911-148-242A	Black Sealant Associated w/241A		0	BK	N	T	N	W	II	+	L	N	1.074	1.07	2								W 10				88
082911-148-242B	Black Sealant Associated w/241B																										DNA
082911-148-243A	Black Coating on Fiberglass HVAC Duct Panels		0	BK	Hy	F/A	N	W	II	+	L	N	1.554	1.551	10						I 25						65
082911-148-243B	Black Coating on Fiberglass HVAC Duct Panels																										DNA
082911-148-244A	Yellow Stick Pin Glue Associated w/243A		0	Y	Y	R	N																				100
082911-148-244B	Yellow Stick Pin Glue Associated w/243B		0	Y	Y	R	N																				100
082911-148-245A	Asphalt Shingles - Wood Bump		0	MC	N	E/I/GN	N														I 10						90

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77239

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-245B	Asphalt Shingles - Wood Bump		O	M	G	N	E I G M N														1						
																					10						90

Analyzed By / Date: 9/9/11 **QC By / Date:** VS 9/9/11 **Fax, Email, Verbal Results By / Date:** **# of Samples:** 69

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 08, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77203 CLIENT PROJECT ID: 1076.728, 23873
Client Ref: City of Quincy - Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-246A	Brown	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Brown Window Caulking on Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-246B	Brown	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Brown Window Caulking on Brown Metal Windows
Location: Exterior, 3rd Floor, Front Windows
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-246C	Brown	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Brown Window Caulking on Brown Metal Windows
Location: Exterior, 1st Floor, Front Windows
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-246D	Brown	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Brown Window Caulking on Brown Metal Windows
Location: Exterior, Basement, Side Windows
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-247A	Black	5	0	0	0	0	0	0	0	0	0	25	0	70

Description: Black Glazing on Flashing Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-247B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Glazing on Flashing Brown Metal Windows
Location: Exterior, 3rd Floor, Front Windows
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-247C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Glazing on Flashing Brown Metal Windows
Location: Exterior, 1st Floor, Front Windows
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-247D		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Glazing on Flashing Brown Metal Windows
Location: Exterior, Basement, Side Windows
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-248A	Tan	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Fiber Paper Inside Blue Window Panels Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-248B	Tan	0	0	0	0	0	0	0	0	100	0	0	0	0

Description: Fiber Paper Inside Blue Window Panels Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-249A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Seam Sealant on Blue Window Pads Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-249B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Seam Sealant on Blue Window Pads Brown Metal Windows
Location: Exterior, Auditorium
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-250A	Gray	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Gray Window Caulking on Gray Metal Windows
Location: Exterior, Rear, 1st Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-250B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Gray Window Caulking on Gray Metal Windows
Location: Exterior, Rear, 3rd Floor
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-251A	Gray	3	0	0	0	0	0	0	0	0	0	0	0	97

Description: White Window Glazing on Gray Metal Windows
Location: Interior, Rear, 3rd Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-251B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: White Window Glazing on Gray Metal Windows
Location: Interior, Rear, 2nd Floor
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-252A	White	15	0	0	0	0	0	0	0	0	0	0	0	85

Description: White Window Caulking, Top Layer, Old Wood Windows
Location: Exterior, Penthouse
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-252B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: White Window Caulking, Top Layer, Old Wood Windows Beneath Rear Windows
Location: Exterior, Auditorium
Comments:
Analyzed: No

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-252C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: White Window Caulking, Top Layer, Old Wood Windows Beneath Brown Windows
Location: Exterior, 1st Floor
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-253A	Gray	15	0	0	0	0	0	0	0	0	0	0	0	85

Description: Gray Window Caulking, 2nd Layer Beneath 252A
Location: N/A
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-253B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Gray Window Caulking, 2nd Layer Beneath 252B
Location: N/A
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-253C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Gray Window Caulking, 2nd Layer Beneath 252C
Location: N/A
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-254A	Gray	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Black Rubber Caulking @ Small Brown Metal Windows
Location: Exterior, Entrance
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-254B	Black	0	0	0	0	0	0	5	0	0	0	0	0	95

Description: Black Rubber Caulking @ Wood Framed Broken Window
Location: Exterior, Entrance
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-255A	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Light Gray Rubber Expansion Caulking @ Foundation/Concrete
Location: Exterior, Side Entrance
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-255B	Gray	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Light Gray Rubber Expansion Caulking @ Foundation/Concrete
Location: Exterior, Side Entrance
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-256A	White	15	0	0	0	0	0	0	0	5	0	0	0	80

Description: White Seam Filler Above Window @ Stone
Location: Exterior, Auditorium Roof
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-256B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: White Seam Filler Above Window @ Stone
Location: Exterior, Auditorium Roof
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-257A	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Rubber Sealant on Metal Flash Box
Location: Exterior, Rear, 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-257B	White	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: White Rubber Sealant on Metal Flash Box
Location: Exterior, Rear, 1st Floor
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-258A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Door Frame Caulking
Location: Exterior, 1st Floor, Side
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-258B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Door Frame Caulking
Location: Exterior, 1st Floor, Side
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-259A	Black	20	0	0	0	0	0	0	0	0	0	0	0	80

Description: Black Mastic on Brick Foundation
Location: Exterior, Rear
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-259B		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Black Mastic on Brick Foundation
Location: Exterior, Rear
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-260A	Black	0	0	0	0	0	0	0	0	80	0	0	0	20

Description: Horse Hair Fibrous Vapor Barrier
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-260B	Black	0	0	0	0	0	0	0	0	80	0	0	0	20

Description: Horse Hair Fibrous Vapor Barrier
Location: Auditorium Roof
Comments:
Is asbestos present? No. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School
Method: EPA/600/R-93/116

Batch: **B77203**
Date Sampled: 8/29/2011
Date Received: 9/6/2011
Date Analyzed: 9/8/2011
Date of Report: 9/8/2011

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-261A	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Rubber Vapor Barrier
Location: Exterior, Rear, 1st Level
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-261B	Black	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Black Rubber Vapor Barrier
Location: Exterior, Rear, 1st Level
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-262A	Multi	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Stairwell Paint on Brick
Location: 3rd Floor, Rear, Interior
Comments:
Is asbestos present? No. Analyzed: Yes

Sample ID	Color	Asbestos %						Non-Asbestos %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-262B	Multi	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Stairwell Paint on Brick
Location: 1st Floor, Front Interior
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Adrian Stanca Valerian Stanca

B77203

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES | **ASBESTOS BULK DATA FORM** | CHAIN OF CUSTODY | PAGE: 1 OF 2

PROJECT: Old Quincy High School - | REQUESTED TAT: 48 HR TAT

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-246A	EXT	Brown Window Caulking on Brown metal windows - Exterior Auditorium	
082911-148-246B		" " " " - Exterior 3rd Fl Front Windows	
082911-148-246C		" " " " - Exterior 1st Fl Front Windows	
082911-148-246D		" " " " - Exterior Basement Side windows	
082911-148-247A	2nd	Black Glazing on Plexiglass in Brown metal windows - exterior auditorium	
082911-148-247B		" " " " " - exterior 3rd Fl Front windows	
082911-148-247C		" " " " " - exterior 1st Fl Front windows	
082911-148-247D		" " " " " - exterior Basement Side windows	
082911-148-248A	EXTERIOR	Fiber Paper inside Blue window Panels Brown metal windows - ext Auditorium	
082911-148-248B		" " " " " "	
082911-148-249A		Gray Seam Sealant on Blue window Panels Brown metal windows - ext Auditorium	
082911-148-249B		" " " " "	
082911-148-250A		Gray Window Caulking on Gray metal windows - Exterior Rear 1st Fl	
082911-148-250B		" " " " Exterior Rear 3rd Fl	
082911-148-251A	Int	White window Glazing on Gray metal windows - Interior Rear 3rd Fl	
082911-148-251B		" " " " Interior Rear 2nd Fl	
082911-148-252A	EXT.	White window Caulking Top layer, old wood windows - Exterior Rear Porch	
082911-148-252B		" " " Top layer, old wood windows. Beneath Brown windows - ext. Auditorium	
082911-148-252C		" " " Top layer, old wood windows Beneath Brown windows - ext 1st Fl	
082911-148-253A		Gray window Caulking 2nd layer beneath 252A	
082911-148-253B		" " " " " " 252B	
082911-148-253C		" " " " " 252C	
082911-148-254A		Black Rubber Caulking @ Small Brown metal windows - exterior entrance	
082911-148-254B		" " @ wood Framed Broken window - exterior entrance	
082911-148-255A		Light Gray Rubber Expansion Caulking @ Foundation/concrete - exterior Side entrance	
082911-148-255B		" " " " " "	

JOB #: 1076.728

BATCH #: 23873

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

240

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: 9/6/11 (630)

B77203

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 2 OF 2

PROJECT: Old Quincy High School -

REQUESTED TAT: 48 Hr TAT

JOB #: 1076.728

BATCH #: 25873

CLIENT NAME: City of Quincy

SAMPLER'S NAME: Bill McBirney

SIGNATURE:

DATE: 8/29/2011

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-256A	EXT	WHITE SEAM FILLER ABOVE WINDOW AT ~~[illegible]~~ STONE - exterior Auditorium Roof	
082911-148-256B		" " " " " "	
082911-148-257A		WHITE Rubber Sealant on Metal Flash Box - Exterior Rear 1ST Fl	
082911-148-257B		" " " " "	
082911-148-258A		Black Door Frame Caulking - Exterior 1ST Fl Side	
082911-148-258B		" " " "	
082911-148-259A		Black Mastic on ~~[illegible]~~ Brick Foundation - Exterior Rear	
082911-148-259B		" " " "	
082911-148-260A		Horsehair Fibrous Vapor Barrier behind Brick - Auditorium Roof	
082911-148-260B		" " " " "	
082911-148-261A		Black Rubber Vapor Barrier - Exterior Rear AT 1ST level	
082911-148-261B		" " " " "	
082911-148-262A	INT	STAINWELL Paint on Brick - 3rd Fl Rear Interior	
082911-148-262B		" " " - 1ST Fl Front Interior	

ADDITIONAL COMMENTS:

RELINQUISHED BY: _____ DATE: 08/29/11 RECEIVED BY: _____ DATE: _____

Client Name: Hygienetics Environmental Services, Inc. Boston
Client Project #: 1076.728, 23873
Client Reference: City of Quincy - Old Quincy High School

Batch: 77203
Date Received: 9/6/2011
Date Due: 9/8/2011
Stop on first pos: Yes or No

Batch: 77203

Sample ID	Description	Analyst	Stereo Scope					Optical Properties					RI		Asbestos Percent						Non-Asbestos Percent						
		JS	SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-246A	Brown Window Caulking on Brown Metal Windows		0	BR	Y	G/M	M														5						95
082911-148-246B	Brown Window Caulking on Brown Metal Windows																				5						95
082911-148-246C	Brown Window Caulking on Brown Metal Windows																				5						95
082911-148-246D	Brown Window Caulking on Brown Metal Windows																				5						95
082911-148-247A	Black Glazing on Flashing Brown Metal Windows		0	BK	Y	G/M	M	W	II	+	L	M	1.55		5										25		70
082911-148-247B	Black Glazing on Flashing Brown Metal Windows DMA																										
082911-148-247C	Black Glazing on Flashing Brown Metal Windows DMA																										
082911-148-247D	Black Glazing on Flashing Brown Metal Windows DMA																										

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77203

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
082911-148-248A	Fiber Paper Inside Blue Window Panels Brown Metal Windows	AS	0	Tan	y	F	y																100				
082911-148-248B	Fiber Paper Inside Blue Window Panels Brown Metal Windows		0																				100				
082911-148-249A	Gray Seam Sealant on Blue Window Pads Brown Metal Windows		0	gy	y	a M	M																				100
082911-148-249B	Gray Seam Sealant on Blue Window Pads Brown Metal Windows																										100
082911-148-250A	Gray Window Caulking on Gray Metal Windows		0	Gy	y	a M	M	W	II	+	L	M	1.55		20												80
082911-148-250B	Gray Window Caulking on Gray Metal Windows DNA																										
082911-148-251A	White Window Glazing on Gray Metal Windows		0	Gy	y	a M	M	W	II	+	L	M	1.55		3												97
082911-148-251B	White Window Glazing on Gray Metal Windows DNA																										
082911-148-252A	White Window Caulking, Top Layer, Old Wood Windows (AS)																										
082911-148-252B	White Window Caulking, Top Layer, Old Wood Windows Beneath Rear Windows DNA		0	White	y	a Gy	M	W	II	+	L	M	1.55		15												85

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77203

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-252C DMA	White Window Caulking, Top Layer, Old Wood Windows Beneath Brown Windows	AS																									
082911-148-253A	Gray Window Caulking, 2nd Layer Beneath 252A		10	Gy	y	Gy	M	W	W	F	L	M	1.55		15												85
082911-148-253B DMA	Gray Window Caulking, 2nd Layer Beneath 252B																										
082911-148-253C DMA	Gray Window Caulking, 2nd Layer Beneath 252C																										
082911-148-254A	Black Rubber Caulking @ Small Brown Metal Windows		0	Gy	y	Gy/M	M														5						95
082911-148-254B	Black Rubber Caulking @ Wood Framed Broken Window			BK	y	Gy	M														5						95
082911-148-255A	Light Gray Rubber Expansion Caulking @ Foundation/Concrete		0	Gy	y	Gy/M	M																				100
082911-148-255B	Light Gray Rubber Expansion Caulking @ Foundation/Concrete																										100
082911-148-256A	White Seam Filler Above Window @ Stone		5	Wht	y	Gy/F	M	W	W	F	L	M	1.55		15								5				80
082911-148-256B DMA	White Seam Filler Above Window @ Stone																										

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77203

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Color	Homogeneity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	RI: Parallel	Perpendicular	Asbestos Percent: Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non-Asbestos Percent: Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
		AS																									
082911-148-257A	White Rubber Sealant on Metal Flash Box		0	white	y	Gy	M																				100
082911-148-257B	White Rubber Sealant on Metal Flash Box		↓	↓	↓	↓	↓																				100
082911-148-258A	Black Door Frame Caulking		0	Bk	y	Gy	M																				100
082911-148-258B	Black Door Frame Caulking		↓	↓	↓	↓	↓																				100
082911-148-259A	Black Mastic on Brick Foundation		0	BK	y	Gy F	M	W	‖	t	L	Gy	1.55		20												80
082911-148-259B	Black Mastic on Brick Foundation DMA		↓	↓	↓	↓	↓																				
082911-148-260A	Horse Hair Fibrous Vapor Barrier		0	BK	y	F	y																80				20
082911-148-260B	Horse Hair Fibrous Vapor Barrier		↓	↓	↓	↓	↓																80				20
082911-148-261A	Black Rubber Vapor Barrier		0	BK	Gy	N	M																				100
082911-148-261B	Black Rubber Vapor Barrier		↓	↓	↓	↓	↓																				100

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

Batch: 77203

Sample ID	Description	Analyst	Stereo Scope: SSAPE	Stereo Scope: Color	Stereo Scope: Homogeneity	Stereo Scope: Texture	Stereo Scope: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	RI: Parallel	RI: Perpendicular	Asbestos Percent: Chrysotile	Asbestos Percent: Amosite	Asbestos Percent: Crocidolite	Asbestos Percent: Tremolite	Asbestos Percent: Anthophyllite	Asbestos Percent: Actinolite	Non-Asbestos Percent: Fiberglass	Non-Asbestos Percent: Mineral Wool	Non-Asbestos Percent: Cellulose	Non-Asbestos Percent: Hair	Non-Asbestos Percent: Synthetic	Non-Asbestos Percent: Other	Non-Asbestos Percent: Non-Fibrous
082911-148-262A	Stairwell Paint on Brick	AS	0	MC	M	O M	Y																				
																							2				98
082911-148-262B	Stairwell Paint on Brick																										
																							2				98

Analyzed By / Date: AS 9-8-11 **QC By / Date:** **Fax, Email, Verbal Results By / Date:** **# of Samples:** 40

Comments:

SSAPE = Stereo Scope Asbestos Percentage Estimate Birefringence L= less than .010, M= .011-.029, H= greater than .03: Microscope Olympus BH-2, Serial # circle 1- 242277, 229027, 235000, 230663

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 13, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Point Counting" quantitative method has been used for determining the percentage of asbestos in the samples included in this batch. The Point Counting method is usually recommended when friable sample contains less than 10% asbestos by visual estimate. All the asbestos contents obtained using this technique are reported as real numbers. If only asbestos fibers which do not meet the point counting criteria are observed during the microscopical examination of the sample, the analytical result will be reported as "TR" (Trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Valerica Stanca

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure:
LAB BATCH ID:P 77321 CLIENT PROJECT ID: 1076.728, 23872
Client Ref: City of Quincy, Old Quincy High School
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

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ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23872
Client Reference: City of Quincy, Old Quincy High School
Method: EPA/600/R-93/116

Batch: **P77321**
Date Sampled: 8/29/2011
Date Received: 9/12/2011
Date Analyzed: 9/13/2011
Date of Report: 9/13/2011

		Asbestos %						Non-Asbestos %						
Sample ID	**Color**	**CHR**	**AMO**	**CRO**	**ACT**	**TRE**	**ANT**	**FBG**	**MNW**	**CEL**	**HAR**	**SYN**	**OTH**	**NON**
082911-148-216C	White	1.25	0	0	0	0	0	0	0	0	0	0	0	98.75

Description: Joint Compound
Location: Auditorium Stage Area, 1st Floor
Comments:

Is asbestos present? Yes. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Valerica Stanca Valerica Stanca

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 14, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager
Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77304 CLIENT PROJECT ID: 1076.728, 23881
Client Ref: City of Quincy, Old Quincy H.S.
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

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ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23881
Client Reference: City of Quincy, Old Quincy H.S.
Method: EPA/600/R-93/116

Batch: **B77304**
Date Sampled: 8/29/2011
Date Received: 9/13/2011
Date Analyzed: 9/14/2011
Date of Report: 9/14/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-263A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Terrazzo Floor
Location: 2nd Floor Hallway
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-263B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Terrazzo Floor
Location: 3rd Floor Hallway
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-264A	Gray	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: Sand-Like Concrete Sub-Floor, Top Layer
Location: 3rd Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-264B	Gray	5	0	0	0	0	0	0	0	0	0	0	0	95

Description: Sand-Like Concrete Sub-Floor, Top Layer
Location: 1st Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-264C		0	0	0	0	0	0	0	0	0	0	0	0	0

Description: Sand-Like Concrete Sub-Floor, Top Layer
Location: Ground Floor
Comments:
Analyzed: No

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-265A	Gray	2	0	0	0	0	0	0	0	0	0	0	0	98

Description: Concrete Subfloor, Bottom Layer
Location: 3rd Floor
Comments:
Is asbestos present? Yes. Analyzed: Yes

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728, 23881
Client Reference: City of Quincy, Old Quincy H.S.
Method: EPA/600/R-93/116

Batch: **B77304**
Date Sampled: 8/29/2011
Date Received: 9/13/2011
Date Analyzed: 9/14/2011
Date of Report: 9/14/2011

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-265B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Concrete Sub-Floor Beneath 264B
Location: 1st Floor
Comments: Sample #265B is different Material than Sample #264A, #264B & #265A. Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-266A	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Coating on Concrete Floor
Location: Auditorium, 1st Floor
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-266B	Multi	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Gray Coating on Concrete Floor
Location: Auditorium, 1st Floor
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-267A	Brown	0	0	0	0	0	0	0	0	25	0	5	0	70

Description: Insulation Debris on Pipes in Floor Chase
Location: Basement
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-267B	Brown	0	0	0	0	0	0	0	0	50	0	10	0	40

Description: Insulation Debris on Pipes in Floor Chase
Location: Basement
Comments: Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	Color	CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
082911-148-267C	Brown	0	0	0	0	0	0	0	0	40	0	10	0	50

Description: Insulation Debris on Pipes in Floor Chase
Location: Basement
Comments: Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Dan Pine

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 1

PROJECT: OQHS

REQUESTED TAT: 24 HRS

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
082911-148-263A	2ND.	TERRAZZO FLOOR-3RD FLOOR HALLWAY	
082911-148-263B	3RD	" " 3RD " "	
082911-148-264A	3RD	SAND-LIKE CONCRETE SUBFLOOR, TOP LAYER - 3RD FLOOR	
082911-148-264B	1ST	" " " " " " - 1ST FLOOR	
082911-148-264C	GROUND	" " " " " " - GROUND FLOOR	
082911-148-265A	3RD	CONCRETE SUBFLOOR BENEATH 264A	
082911-148-265B	1ST	" " " 264B	
082911-148-266A	1ST	GREY COATING ON CONCRETE FLOOR OF AUDITORIUM - 1ST FLOOR	
082911-148-266B	1ST	" " " " " " " " "	
082911-148-267A	BASEMENT	INSULATION DEBRIS ON PIPES IN FLOOR CHASE - BASEMENT.	
082911-148-267B	BASEMENT	" " " " " " " "	
082911-148-267C	BASEMENT	" " " " " " " "	

JOB #: 1076.728

BATCH #: 23881

CLIENT NAME: City of Quincy

SAMPLER'S NAME: J. Vaz

SIGNATURE:

DATE: 8/29/11

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

B77304

ADDITIONAL COMMENTS:

RELINQUISHED BY: DATE: 8/29/11 RECEIVED BY: 930 am DATE: 9.13.11

ProScience Analytical Services, Inc

Bill McBirney
Hygienetics Environmental Services, Inc. Boston
33 Arch St., Suite 2900
Boston, MA 02110

September 15, 2011

Dear Bill McBirney,

The enclosed analytical results have been obtained by using the EPA/600/R-93/116 method. The "Visual Estimate" quantitative method is generally used for determining the percentage of asbestos and other components of the sample. "The Point Counting" method may also be used upon client request or at the analyst discretion. The Point Count method is usually recommended when the sample contains less than 10% asbestos by Visual estimate. Asbestos content less than 1% is recorded on the report as TR (trace).

The Quality Control data related to the samples analyzed is available upon client's written request. ProScience Analytical Services Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested.

If you have any questions please contact the Laboratory Manager or the Laboratory Director.

Sincerely,

Valerica Stanca, Optical Asbestos Manager

Adrian Stanca, Laboratory Director

Enclosure: Version 2
LAB BATCH ID: B 77366 CLIENT PROJECT ID: 1076.728
Client Ref: City of Quincy, Old Quincy H.S.
AIHA ID# 102754; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; NVLAP Lab Code 200090-0; RI ID # AAL-093; VT ID# AL016876

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212 • Fax (781)932-4857

ProScience Analytical Services, Inc.

Client Name: Hygienetics Environmental Services, Inc. Boston
PO #: N/A
Client Project #: 1076.728
Client Reference: City of Quincy, Old Quincy H.S.
Method: EPA/600/R-93/116

Batch: **B77366**
Date Sampled: 9/14/2011
Date Received: 9/15/2011
Date Analyzed: 9/15/2011
Date of Report: 9/15/2011

		Asbestos %						Non-Asbestos %						
Sample ID	**Color**	**CHR**	**AMO**	**CRO**	**ACT**	**TRE**	**ANT**	**FBG**	**MNW**	**CEL**	**HAR**	**SYN**	**OTH**	**NON**
091411-148-1A	Pink	0	0	0	0	0	0	0	95	TR	0	0	0	5

Description: Pink Blown-In Insulation
Location: In Penthouse Eaves
Comments:
Is asbestos present? No. Analyzed: Yes

		Asbestos %						Non-Asbestos %						
Sample ID	**Color**	**CHR**	**AMO**	**CRO**	**ACT**	**TRE**	**ANT**	**FBG**	**MNW**	**CEL**	**HAR**	**SYN**	**OTH**	**NON**
091411-148-1B	Pink	0	0	0	0	0	0	0	95	0	0	0	0	5

Description: Pink Blown-In Insulation
Location: In Penthouse Eaves
Comments:
Is asbestos present? No. Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage.

Analyst: Stefanie Bishop Valerie Hallen

B77366

esis

ESIS, INC. – HEALTH, SAFETY & ENVIRONMENTAL SERVICES **ASBESTOS BULK DATA FORM**

CHAIN OF CUSTODY

PAGE: 1 OF 1

PROJECT: Old Quincy High School

REQUESTED TAT: Same Day ***

SAMPLE ID NO.	FLOOR	SAMPLE DESCRIPTION/ LOCATION	GROUP
091411-148-1A	Penthouse	Pink Blown In Insulation in Penthouse Eaves	A
091411-148-1B	"	" " " " " " "	A

JOB #: 1076.728

BATCH #:

CLIENT NAME: City of Quincy

SAMPLER'S NAME: J. Vaz

SIGNATURE:

DATE: 9/14/11

LAB NAME: ProScience

ANALYZE TO FIRST POSITIVE

SKETCH AREA:

ADDITIONAL COMMENTS: *** Same Day TAT!!!! ***

RELINQUISHED BY: _____ DATE: 9/14/11 RECEIVED BY: Kathy Artone DATE: 9-15-11

2:50PM

L. ASBESTOS LOCATION DRAWINGS

ACM Materials identified in drawings are approximate in location and quantities. Abatement Contractor(s) are responsible for confirming exact locations and quantities prior to submitting proposals for abatement of ACM Materials.

NOTE: Drawings have not been provided for the following materials:

ACM Black Glazing/Glue on Plexiglass Windows on Brown Metal Windows – Building Exterior

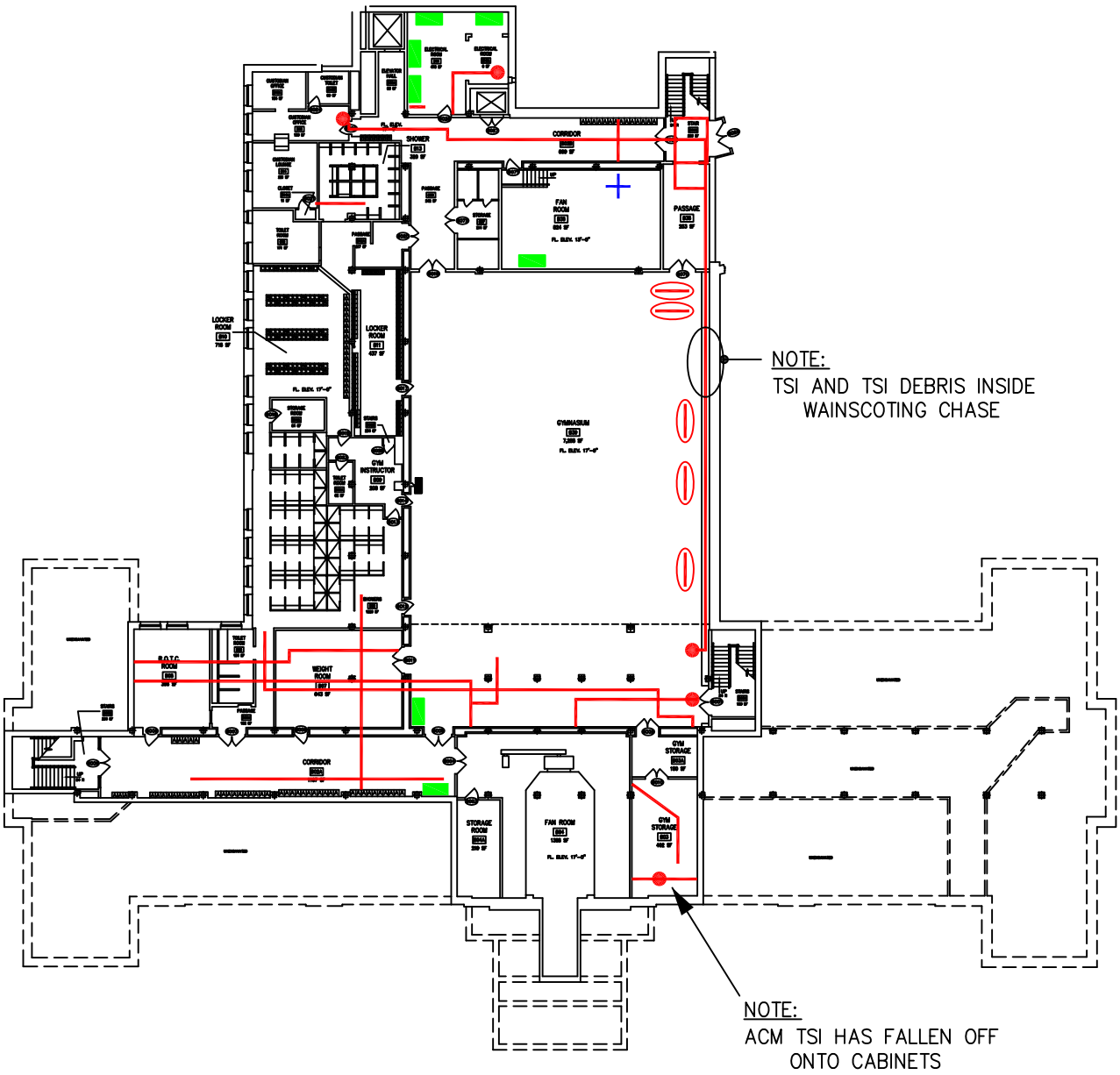
ACM White (top layer) and ACM Gray (2nd layer) Window Caulking on Older Wood Window & Door Frames beneath Brown Metal Windows – Building Exterior

ACM Gray Window Caulking and White Window Glazing on Older Metal Windows – Building Rear

ACM White Seam Filler above Windows at Brick/Stone – Building Exterior at Auditorium Roof

ACM Black Mastic on Brick Foundation Base – Building Exterior at Rear

TSI and Miscellaneous Materials



BASEMENT

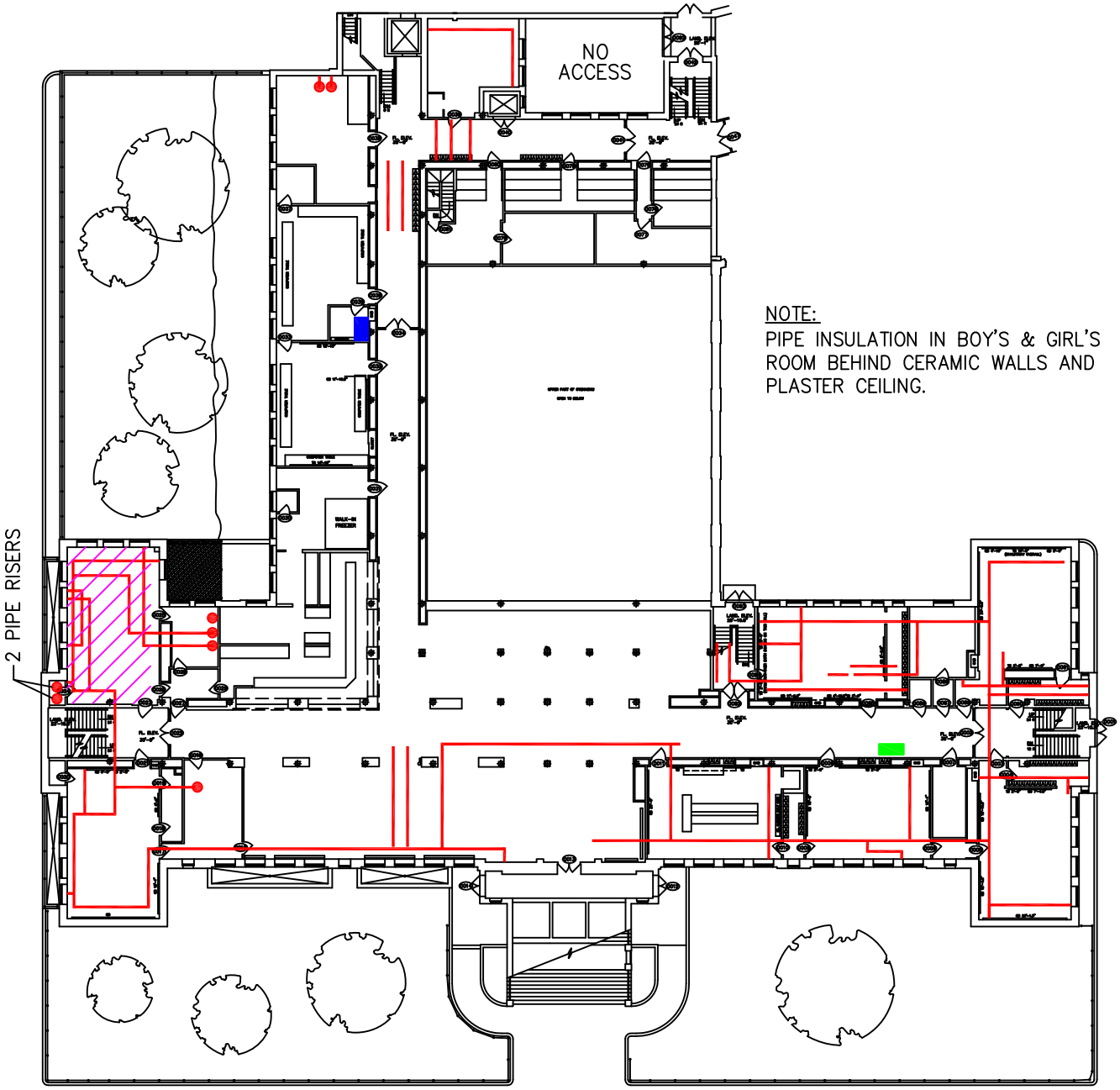
N.T.S.

LEGEND:

- ACM THERMAL SYSTEMS INSULATION (TSI)
- RESIDUAL ACM TSI ON PIPES/VALVE STEMS/FLANGES
- ACM TSI AT CEILING LEVEL
- ACM CEMENT BOARD ELECTRICAL PANELS

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-1** SHEET 1 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
PIPE INSULATION IN BOY'S & GIRL'S ROOM BEHIND CERAMIC WALLS AND PLASTER CEILING.

GROUND FLOOR

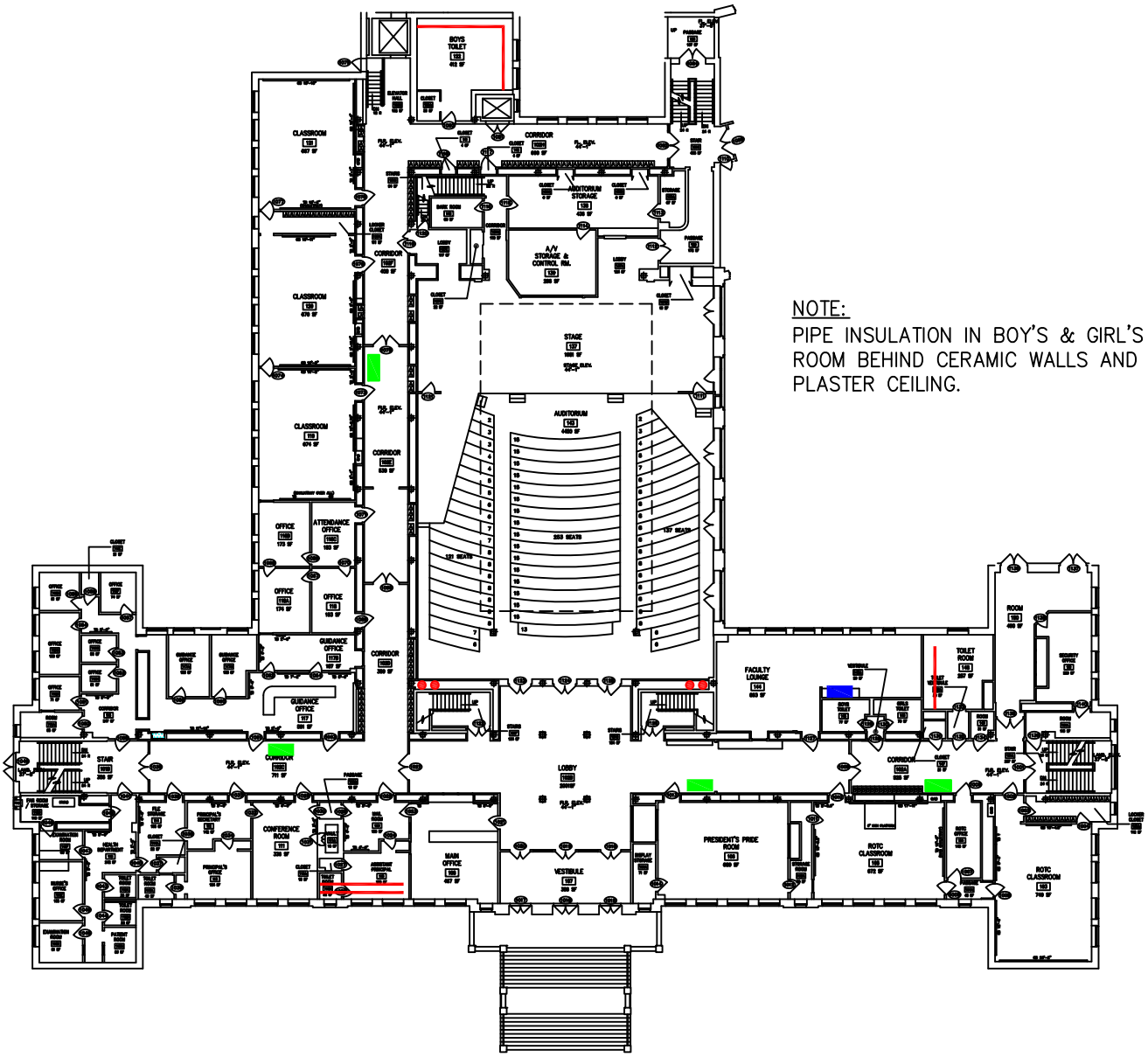
N.T.S.

LEGEND:

- ACM TSI PIPE INSULATION
- ACM TSI DEBRIS ON CEILINGS
- ACM CEMENT BOARD ELECTRICAL PANELS
- ACM GRAY SINK UNDERCOATING

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-2** SHEET 2 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DWN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
PIPE INSULATION IN BOY'S & GIRL'S ROOM BEHIND CERAMIC WALLS AND PLASTER CEILING.

FIRST FLOOR

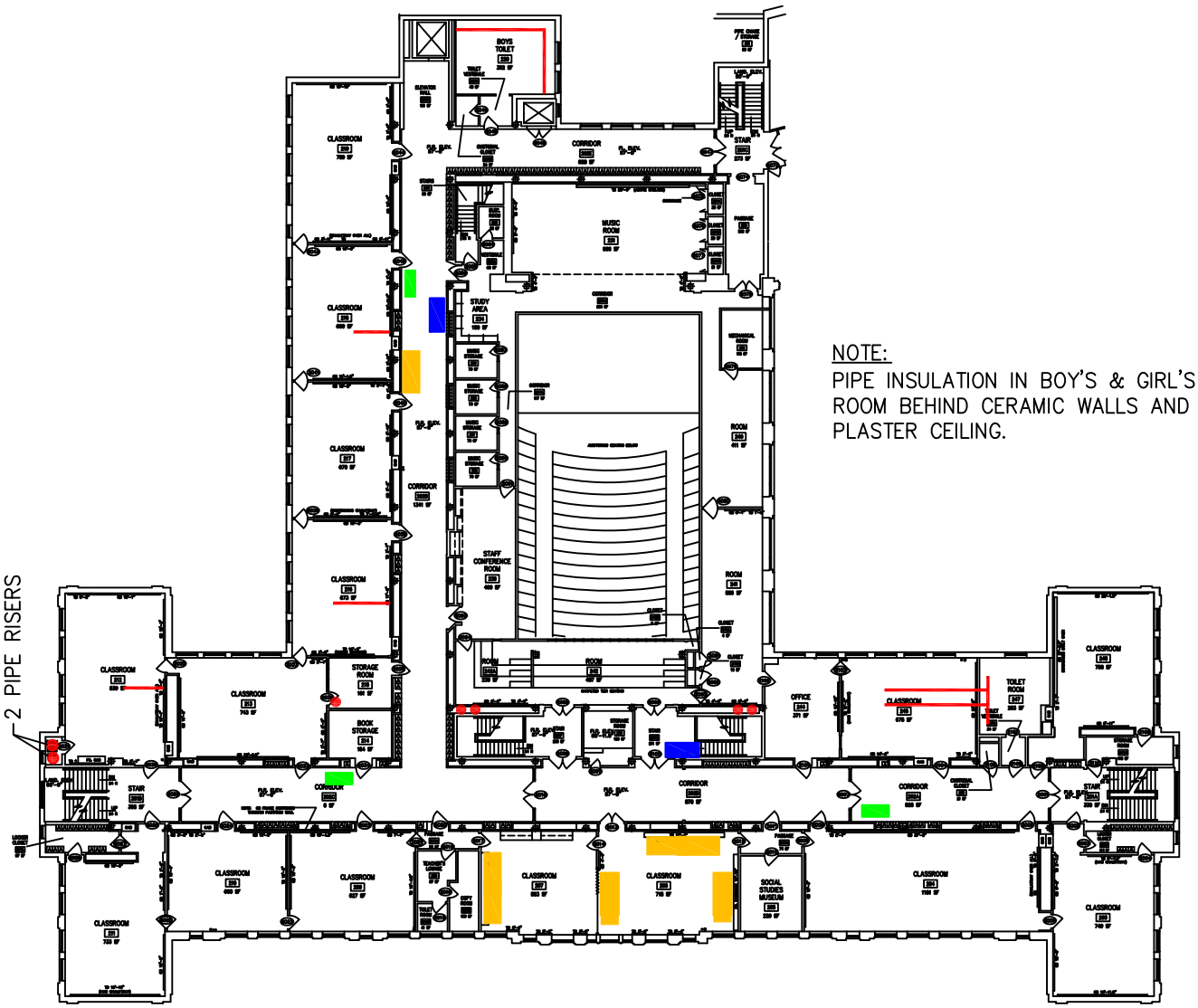
N.T.S.

LEGEND:

- ACM TSI PIPE INSULATION
- ACM GRAY SINK UNDERCOATING
- ACM CEMENT BOARD ELECTRICAL PANELS

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-3** SHEET 3 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL FIRST FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
PIPE INSULATION IN BOY'S & GIRL'S ROOM BEHIND CERAMIC WALLS AND PLASTER CEILING.

SECOND FLOOR

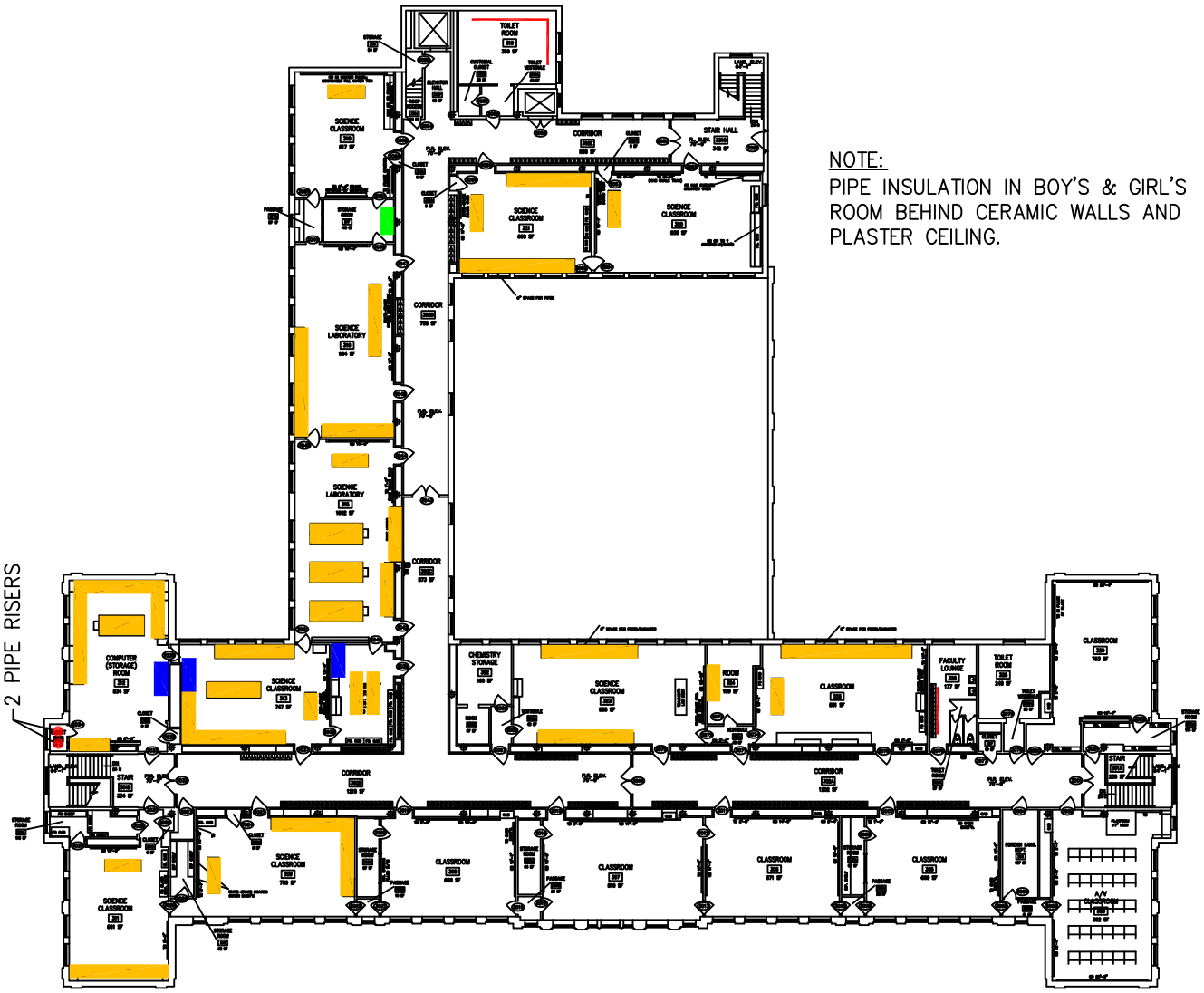
N.T.S.

LEGEND:

- ACM TSI PIPE INSULATION
- ACM CEMENT BOARD WALL PANELS
- ACM CEMENT BOARD ELECTRICAL PANELS
- ACM LAB COUNTERS & ASSOCIATED GLUES

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-4** SHEET 4 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRL BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
PIPE INSULATION IN BOY'S & GIRL'S ROOM BEHIND CERAMIC WALLS AND PLASTER CEILING.

3rd FLOOR

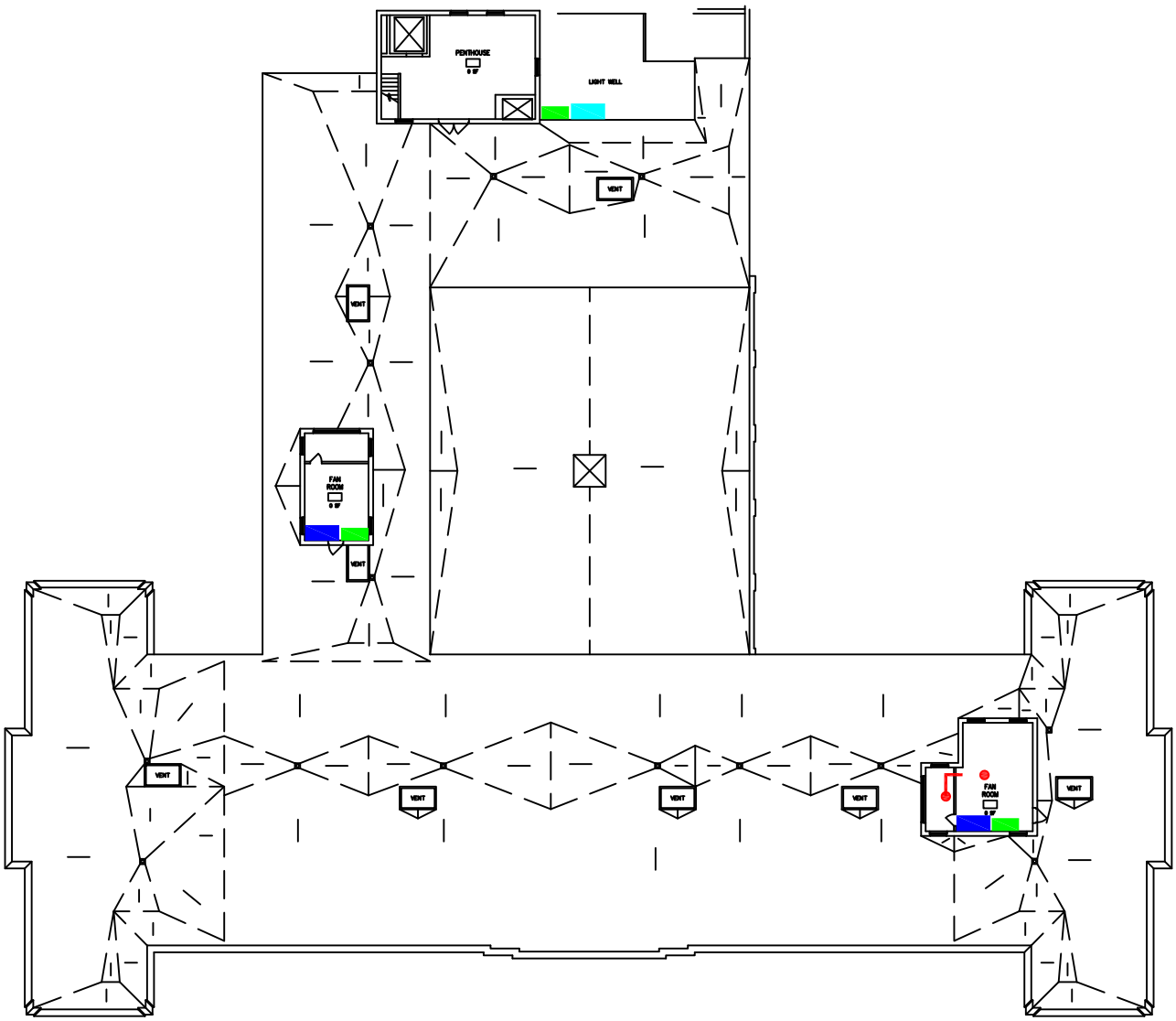
N.T.S.

LEGEND:

- ACM TSI PIPE INSULATION
- ACM FUME HOOD CEMENT PANELS
- ACM CEMENT BOARD ELECTRICAL PANELS
- ACM LAB COUNTERS & ASSOCIATED GLUES

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-5** SHEET 5 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DWN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
PIPE INSULATION IS INSIDE THIRD FLOOR EAVES ACCESSED THROUGH PENTHOUSE.

ROOF

N.T.S.

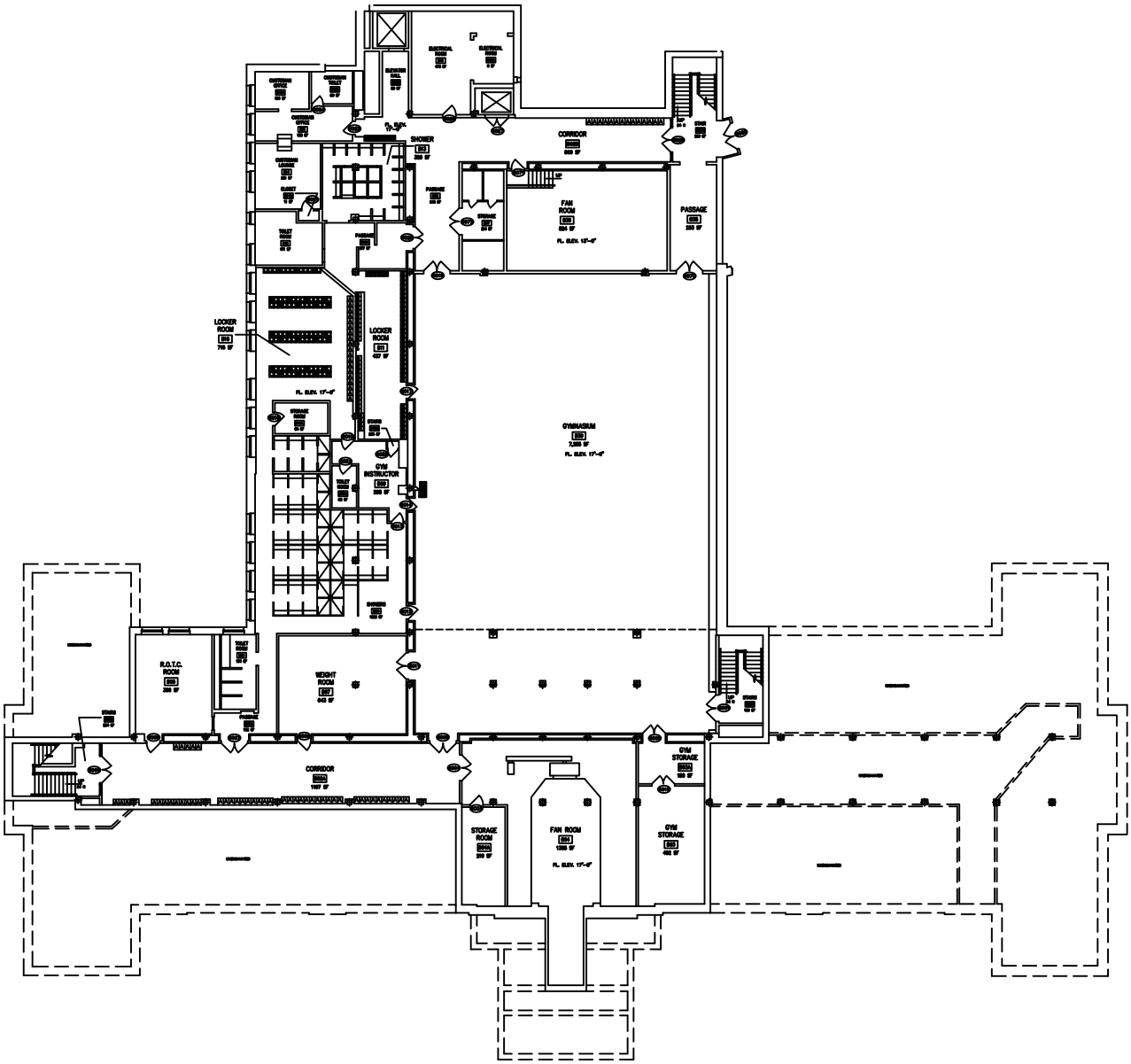
LEGEND:

- ACM TSI PIPE INSULATION INSIDE EAVES
- ACM CEMENT BOARD SWITCH GUARD AND BOX INSULATING PANELS ASSOCIATED WITH ALLEN BRADLEY MOTOR SWITCH BOXES
- ACM CEMENT BOARD ELECTRICAL PANELS
- ACM CEMENT BOARD SWITCH GUARDS ASSOCIATED WITH ELEVATOR SWITCH PANELS

TSI & MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS

DATE: 9/6/11 **TSI-6** SHEET 6 OF 6	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M. A E S C M WD P PM	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169

Miscellaneous Materials at Floor Level



BASEMENT

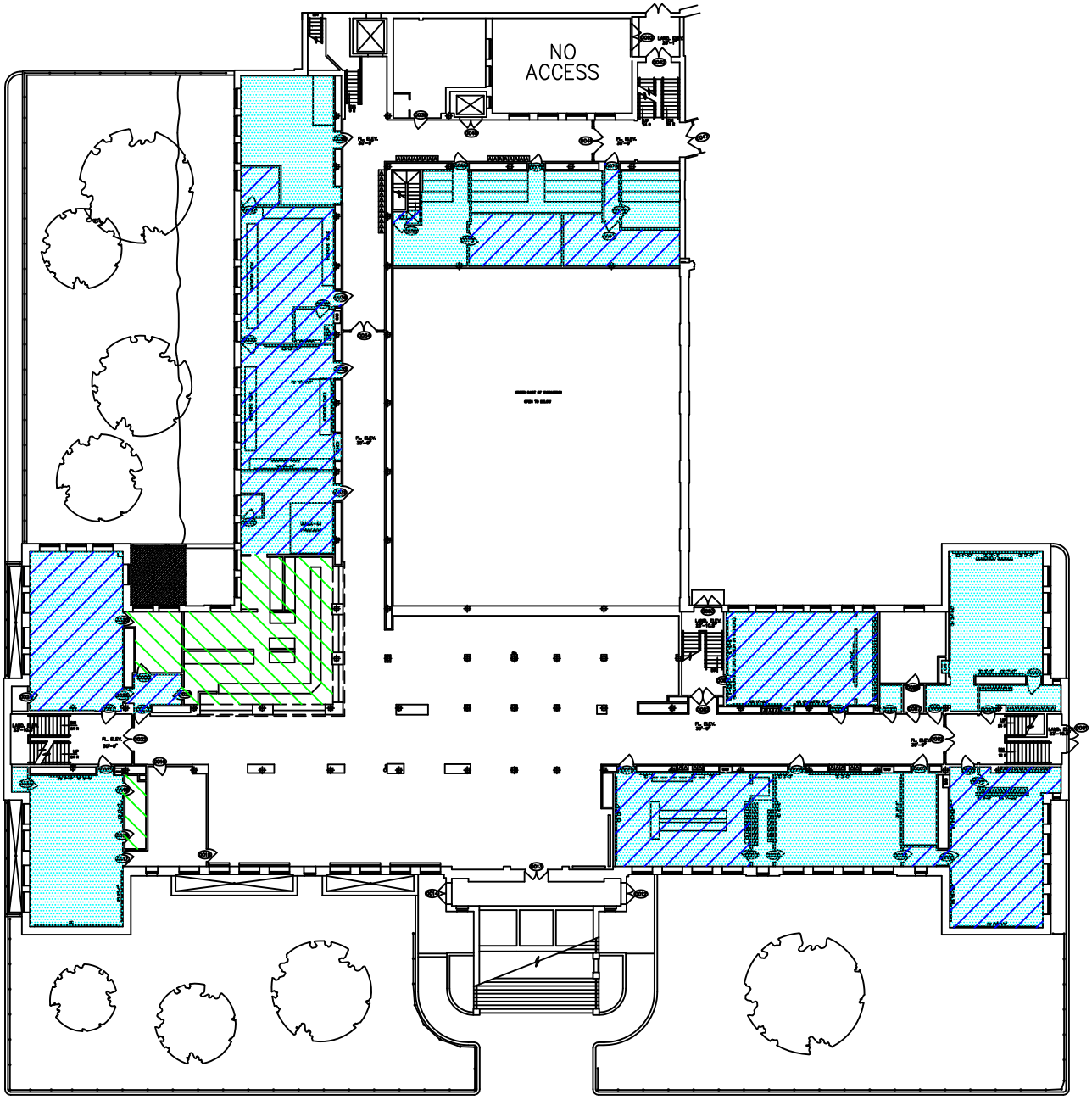
N.T.S.

NOTES:

* NO ACM PAPER UNDER ORIGINAL HARDWOOD FLOORING AND/OR ACM SAND-LIKE CONCRETE SUBFLOOR EXISTS ON THE BASEMENT LEVEL
* NO ACM FLOOR TILE & ASSOCIATED MASTIC EXISTS ON THE BASEMENT LEVEL

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES
S-1		A E B C M MO P PE		CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
SHEET 1 OF 5				



GROUND FLOOR

N.T.S.

LEGEND:

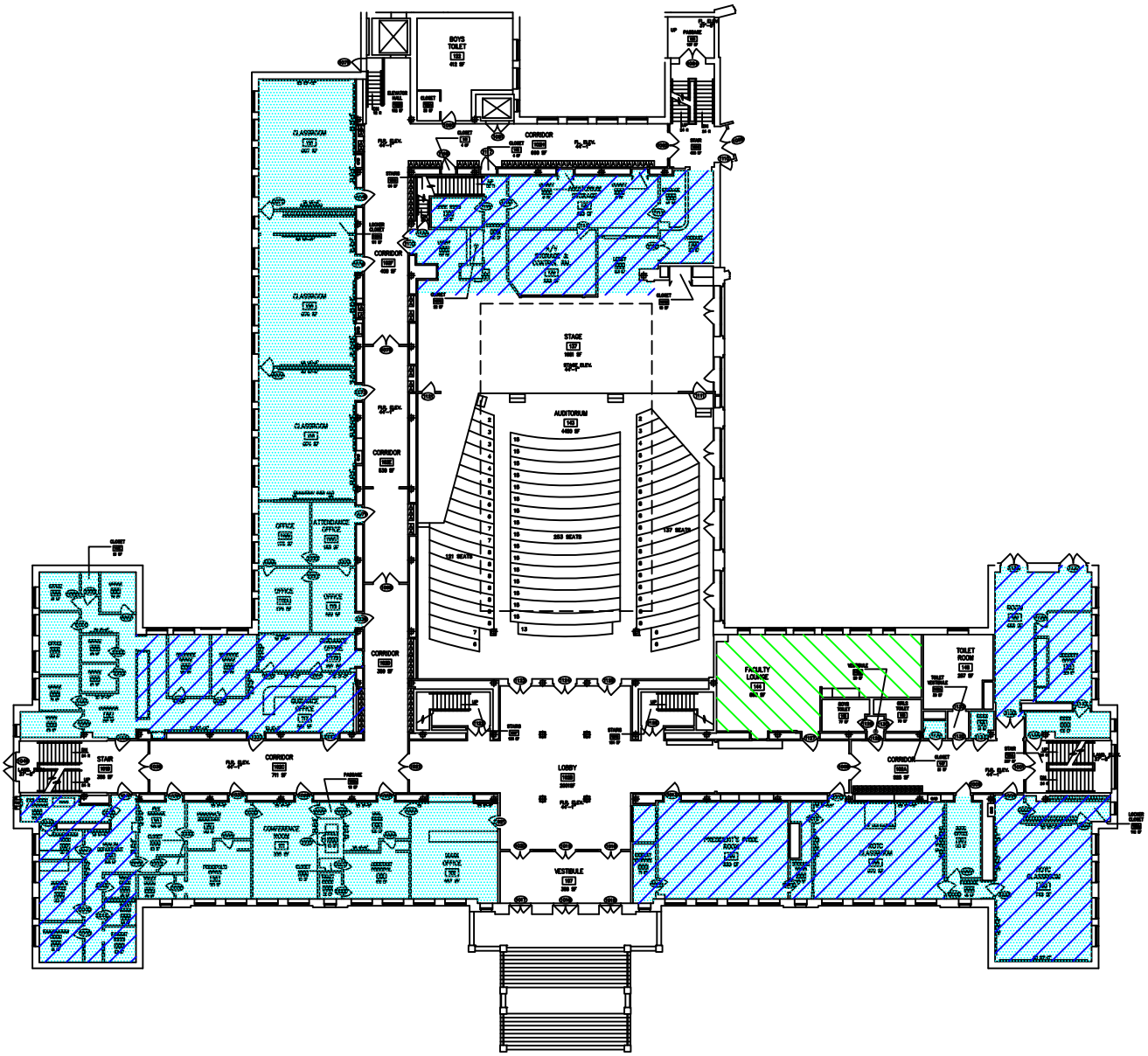
ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ALL FLOORING MATERIALS]

ACM SAND-LIKE CONCRETE SUBFLOOR ONLY BENEATH FLOORING SYSTEM

ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE: 9/6/11 **S-2** SHEET 2 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



FIRST FLOOR

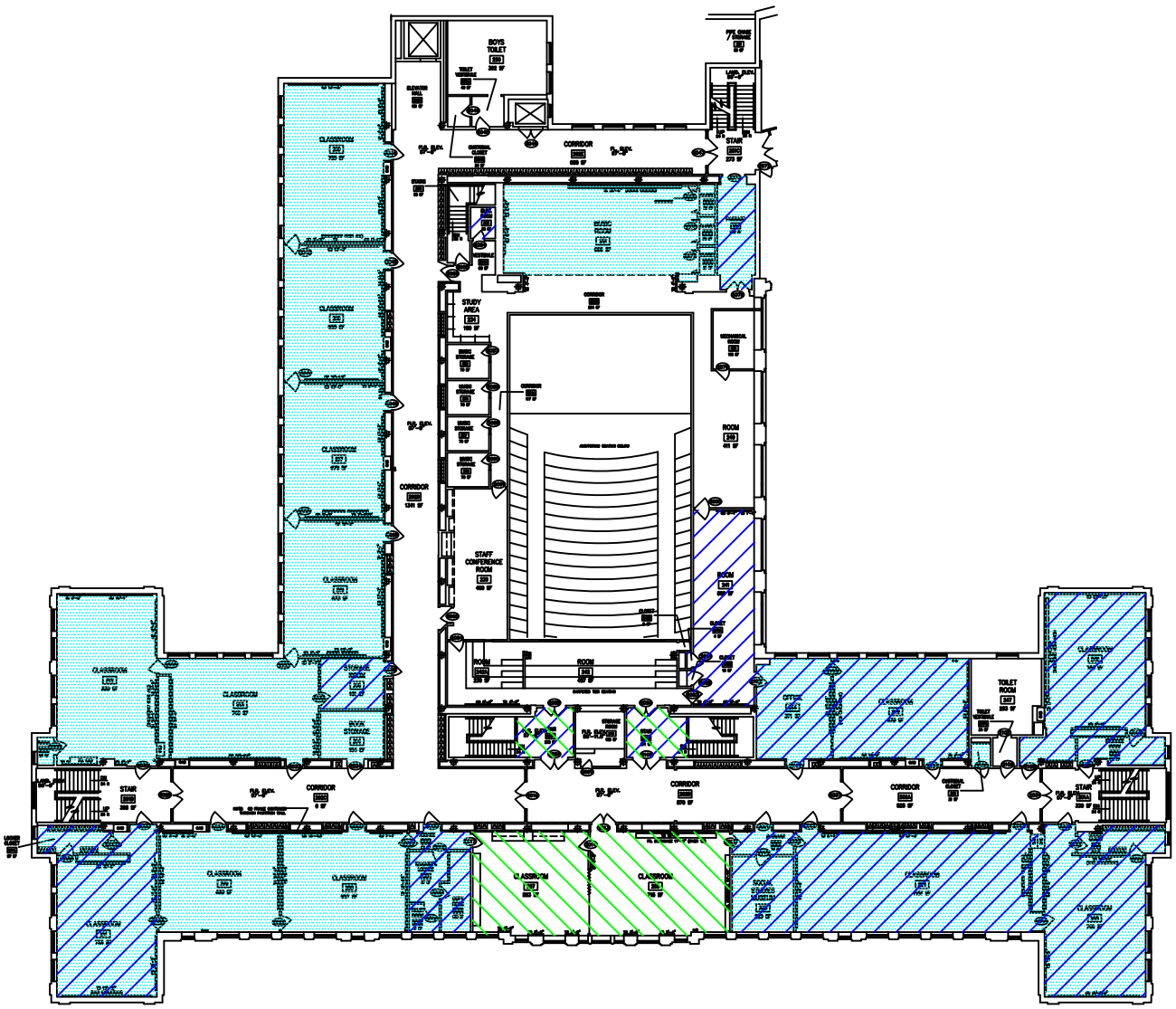
N.T.S.

LEGEND:

- ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ALL FLOORING MATERIALS]
- ACM SAND-LIKE CONCRETE SUBFLOOR ONLY BENEATH FLOORING SYSTEM
- ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL FIRST FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
S-3					
SHEET 3 OF 5					



SECOND FLOOR

N.T.S.

LEGEND:

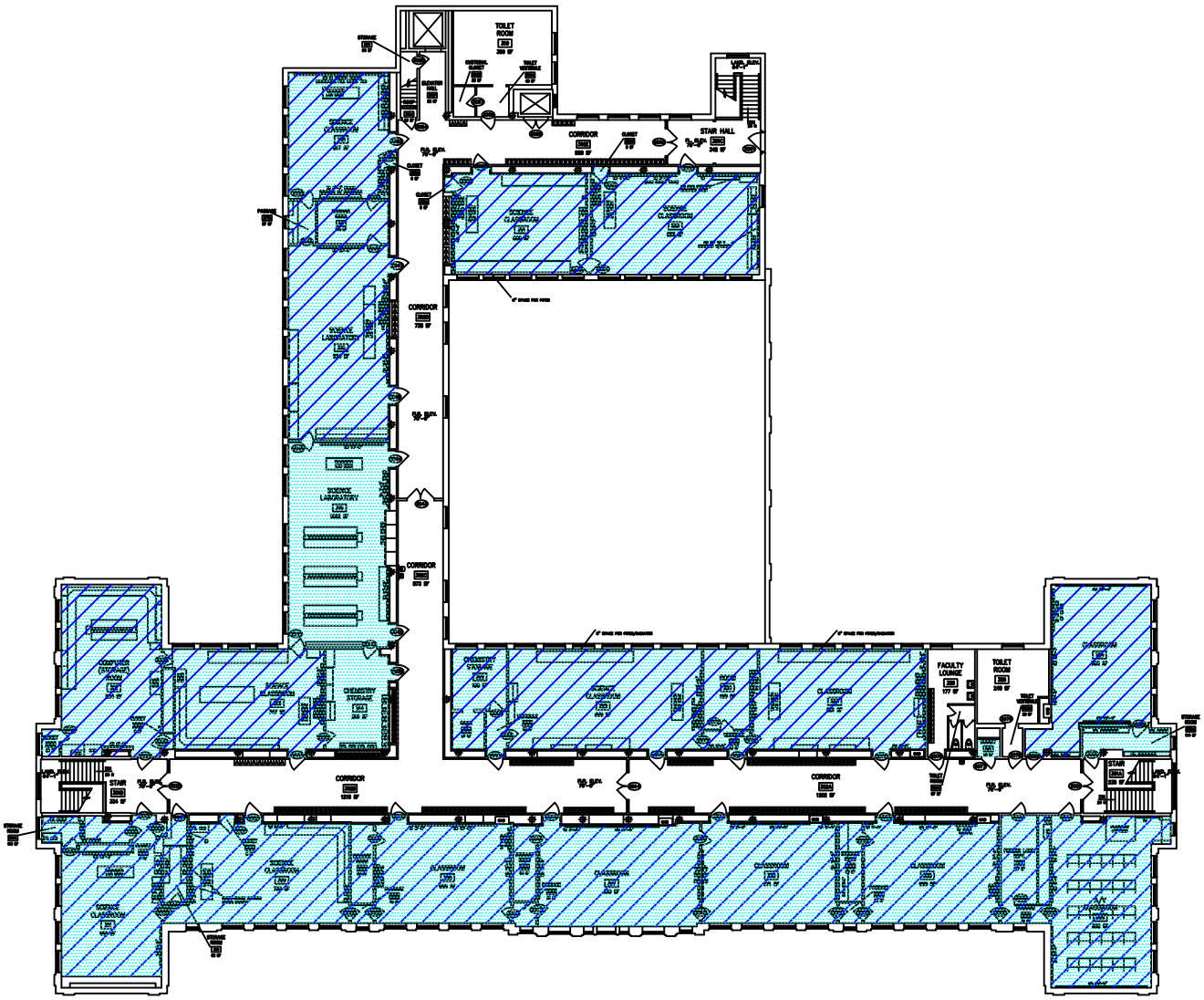
ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ALL FLOORING MATERIALS]

ACM SAND-LIKE CONCRETE SUBFLOOR ONLY BENEATH FLOORING SYSTEM

ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE: 9/6/11 **S-4** SHEET 4 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



3rd FLOOR

N.T.S.

LEGEND:

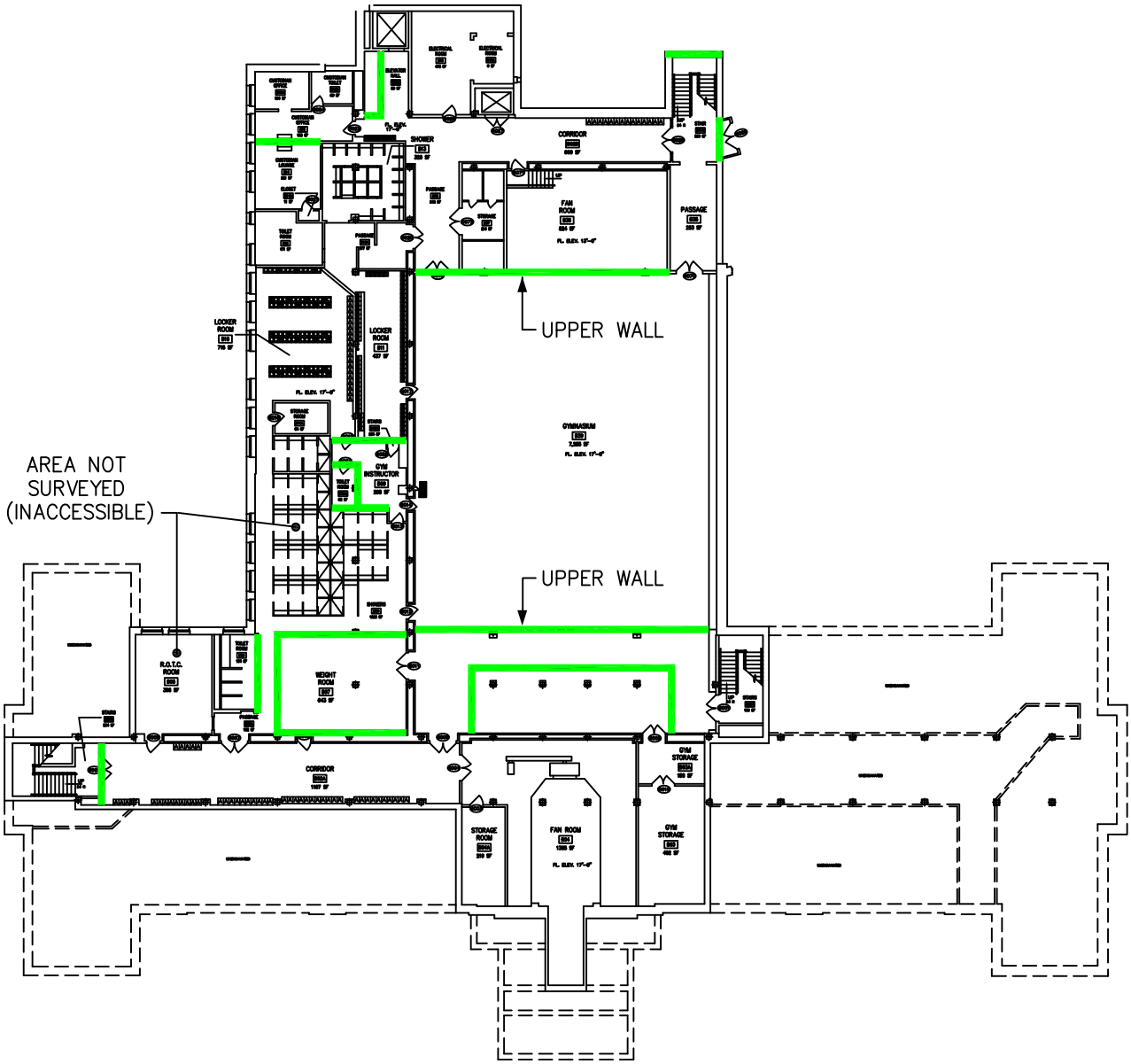
ACM PAPER UNDER ORIGINAL HARDWOOD FLOOR AND ACM SAND-LIKE CONCRETE SUBFLOOR BENEATH FLOORING SYSTEM. [NOTE: ORIGINAL HARDWOOD FLOOR IS BENEATH ALL FLOORING MATERIALS]

ACM FLOOR TILE & ASSOCIATED MASTIC

MISCELLANEOUS ASBESTOS-CONTAINING MATERIALS AT FLOOR LEVEL

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DWN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
S-5					
SHEET 5 OF 5					

ACM Joint Compound and Sheetrock



BASEMENT

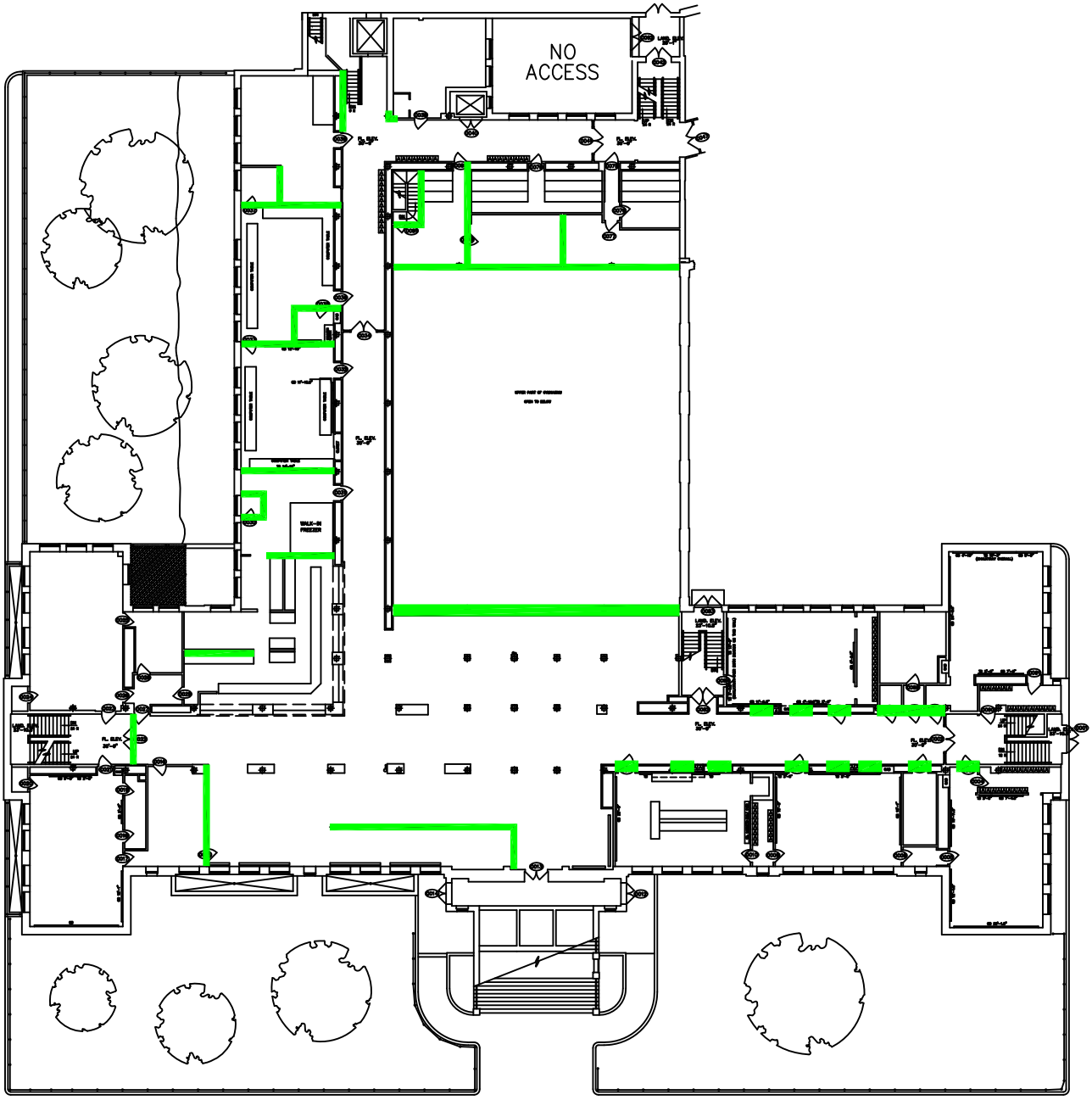
N.T.S.

LEGEND:

ACM JOINT COMPOUND / SHEETROCK

ACM JOINT COMPOUND / SHEETROCK

DATE: 9/6/11 **S-1** SHEET 1 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M. A E B C M WO P PM	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



GROUND FLOOR

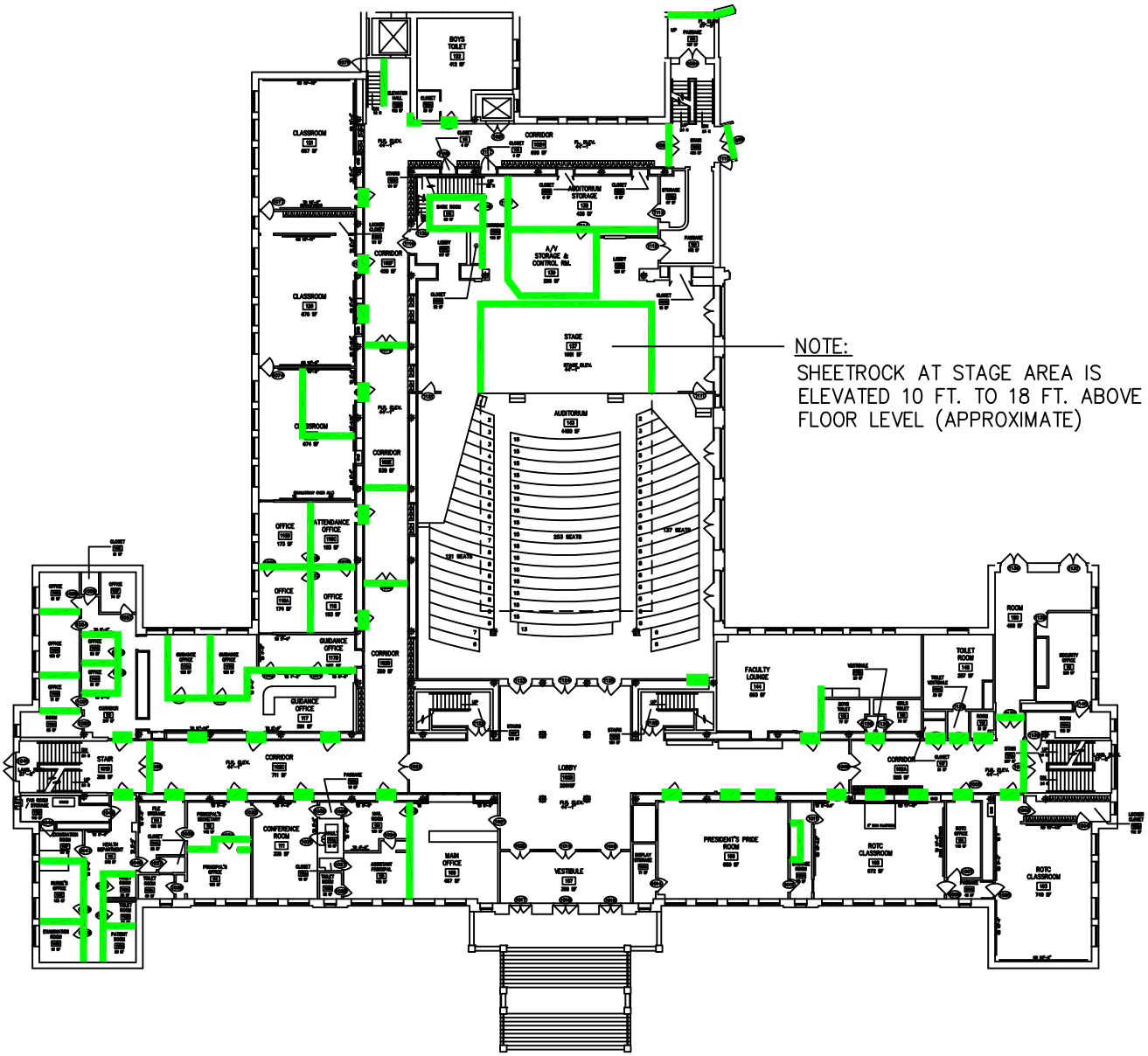
N.T.S.

LEGEND:

ACM JOINT COMPOUND / SHEETROCK

ACM JOINT COMPOUND / SHEETROCK

DATE: 9/6/11 **S-2** SHEET 2 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



NOTE:
SHEETROCK AT STAGE AREA IS ELEVATED 10 FT. TO 18 FT. ABOVE FLOOR LEVEL (APPROXIMATE)

FIRST FLOOR

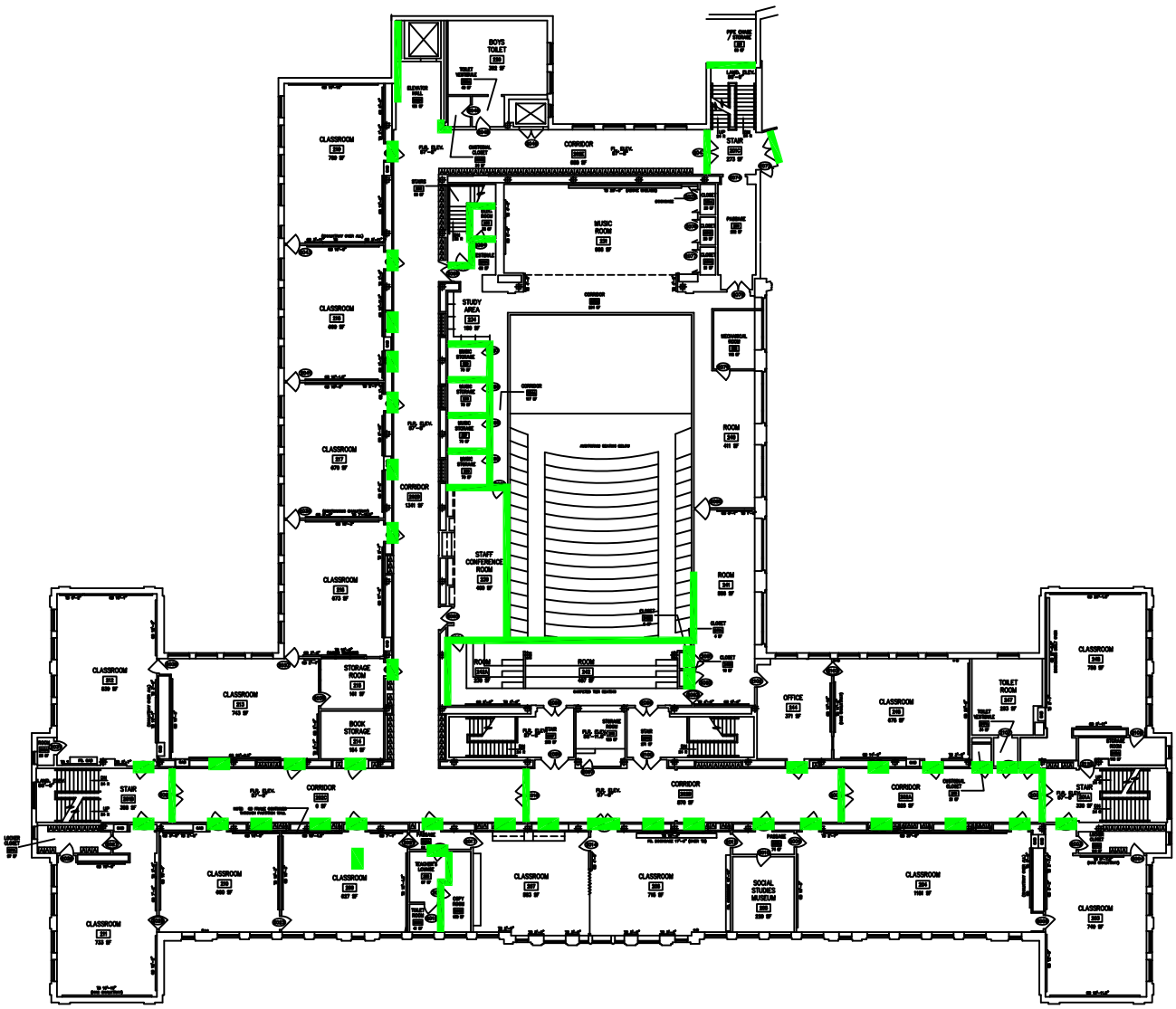
N.T.S.

LEGEND:

ACM JOINT COMPOUND / SHEETROCK

ACM JOINT COMPOUND / SHEETROCK

DATE: 9/6/11 **S-3** SHEET 3 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M. A E B C M WD P PM	OLD QUINCY HIGH SCHOOL FIRST FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169



SECOND FLOOR

N.T.S.

LEGEND:

ACM JOINT COMPOUND / SHEETROCK

ACM JOINT COMPOUND / SHEETROCK

DATE: 9/6/11 **S-4** SHEET 4 OF 5	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M. A E B C N WD P PE	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169

3rd FLOOR

N.T.S.

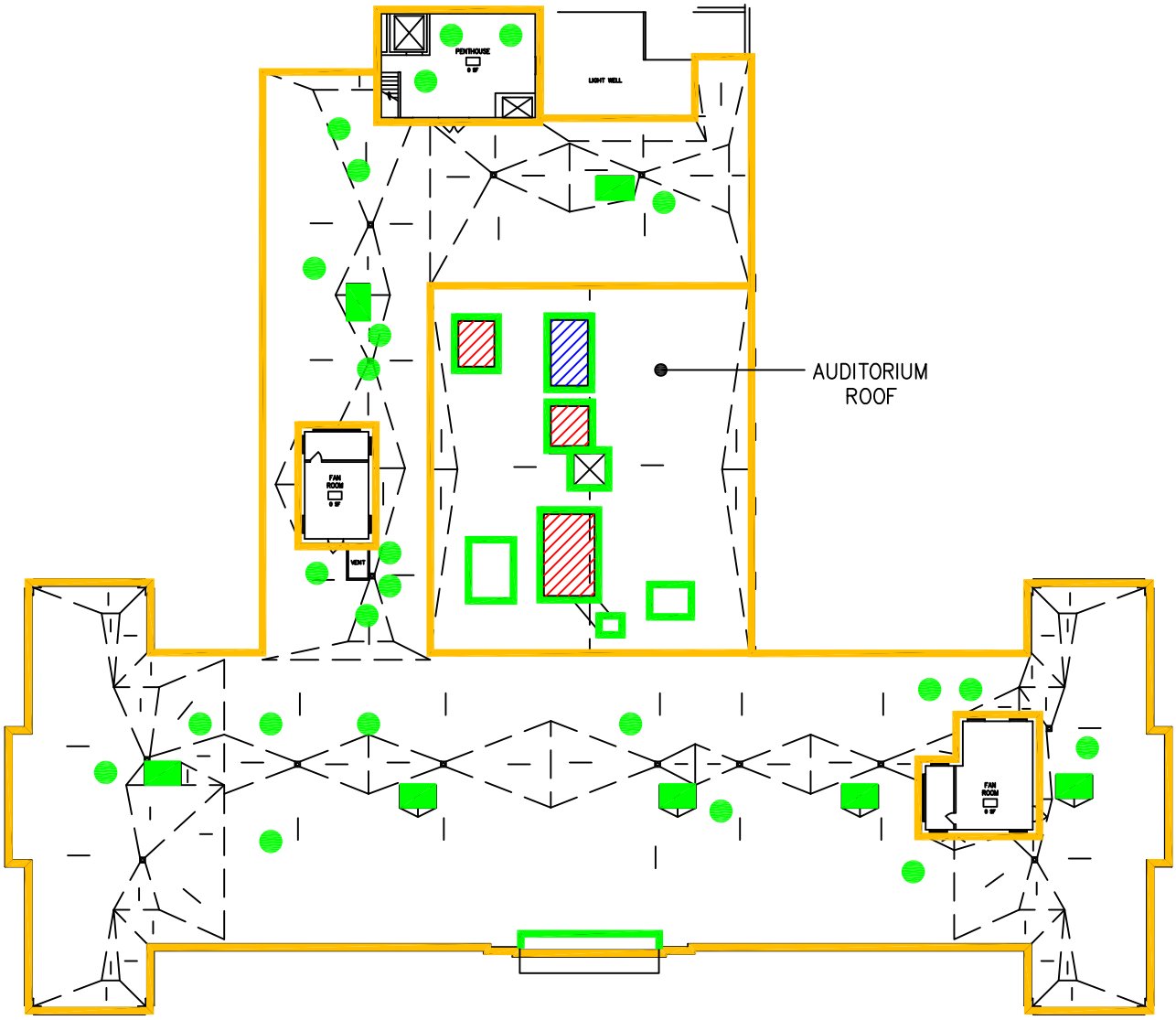
LEGEND:

ACM JOINT COMPOUND / SHEETROCK

ACM JOINT COMPOUND / SHEETROCK

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DWN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
S-5					
SHEET 5 OF 5					

ACM Roofing Materials



NOTE:

ACM FLASHING MEMBRANES AND LIGHT GRAY & BLACK SEALANTS ON COPPER FLASHING ARE ON PENTHOUSE ROOFS, AUDITORIUM ROOF, AND MAIN ROOF.

ROOF

N.T.S.

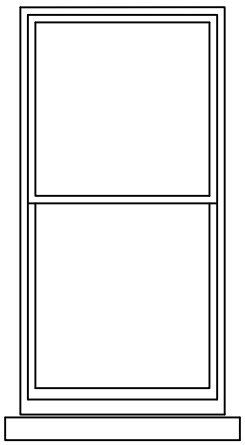
LEGEND:

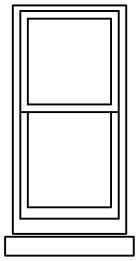
- ACM FLASHING MEMBRANE AND ACM LIGHT GRAY & BLACK SEALANTS ON COPPER FLASHING
- ACM GRAY & BLACK SEALANTS AT BASE OF ROOF PENETRATIONS
- ACM BLACK COATING ON HVAC FIBERGLASS PANELS
- ACM ROLLED ASPHALT & BLACK SEALANT ON HVAC UNITS

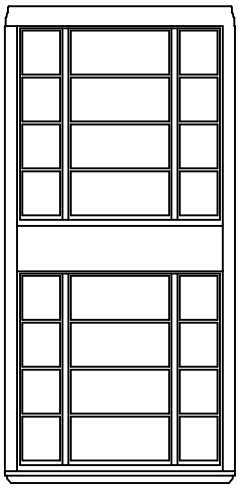
DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
ROOF-1					
SHEET 1 OF 1					

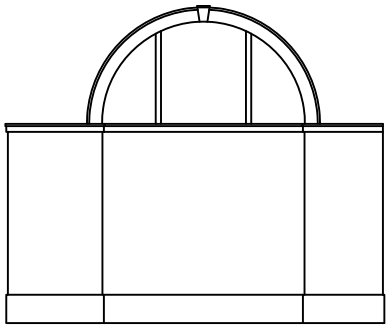
ACM Windows and Doors

BROWN METAL WINDOWS
AND OLD WOOD WINDOWS
BEHIND BROWN METAL WINDOWS







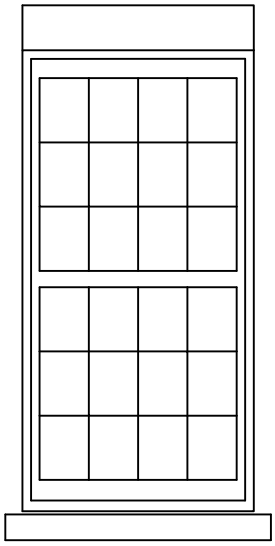


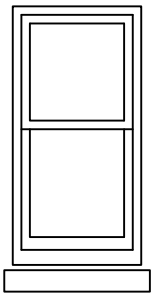
ASBESTOS-CONTAINING MATERIALS:

1. ACM BLACK WINDOW GLAZING ON PLEXIGLASS WINDOWS IN BROWN METAL WINDOWS.
2. ACM WHITE (TOP LAYER) AND GRAY (2nd LAYER) WINDOW CAULKING ON OLDER WOOD WINDOWS BEHIND BROWN METAL WINDOWS.
   [NOTE: THE DRAWING ABOVE REPRESENTS THE FOUR (4) TYPES OF BROWN METAL WINDOWS IN THE BUILDING. THERE IS AN ASSUMED OLD WOOD WINDOW BEHIND EACH ONE.]

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
W-1		DWN BY T.M.			
SHEET 1 OF 2		A E B C M WD P PM			

OLDER METAL WINDOWS AT REAR OF BUILDING



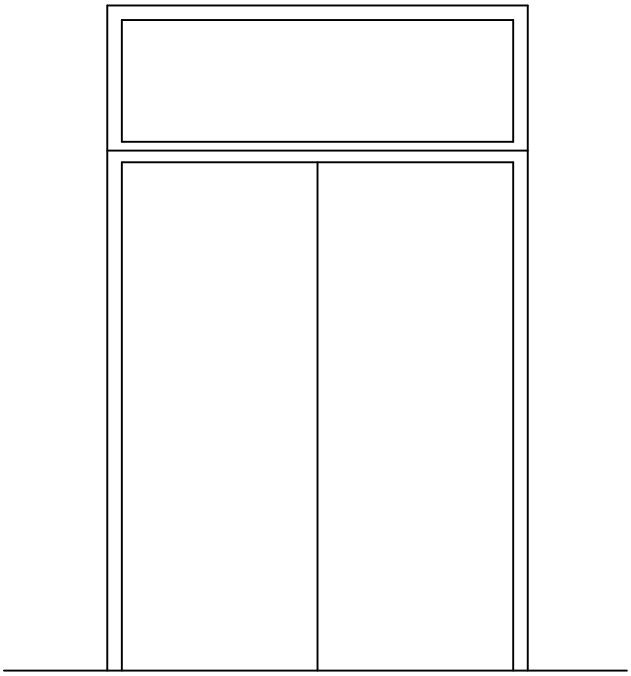


ASBESTOS-CONTAINING MATERIALS:

GRAY WINDOW CAULKING AND WHITE WINDOW GLAZING

DATE: 9/6/11	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M.	OLD QUINCY HIGH SCHOOL GROUND FLOOR	ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169
W-2		A E B C M WO P PO			
SHEET 2 OF 2					

OLD WOOD DOOR FRAMES
(BENEATH BROWN METAL DOOR FRAMES)



ASBESTOS-CONTAINING MATERIALS:

ACM WHITE (TOP LAYER) AND GRAY (2nd LAYER) DOOR FRAME CAULKING ON OLD WOOD DOOR FRAMES ASSUMED BENEATH BROWN METAL DOOR FRAMES.

DATE: 9/6/11 **D-1** SHEET 1 OF 1	ASBESTOS-CONTAINING MATERIAL LOCATIONS	PROJECT NO. 1076.728 DRN. BY T.M. A E B C M WO P PM	OLD QUINCY HIGH SCHOOL GROUND FLOOR	esis ESIS, INC. - HEALTH, SAFETY & ENVIRONMENTAL SERVICES	CITY OF QUINCY PUBLIC BUILDINGS DEPT. 1305 HANCOCK STREET QUINCY, MA 02169

M. PHOTOGRAPHS OF ASBESTOS CONTAINING MATERIALS

ACM Floor Tile and Mastic Photographs

Photo 1

Sand-Like Concrete Subfloor beneath building flooring systems

OQHS

Photo 2

ACM Paper beneath Original Hardwood Floor

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 3

ACM 9"x9" Dark Green Floor Tile

OQHS

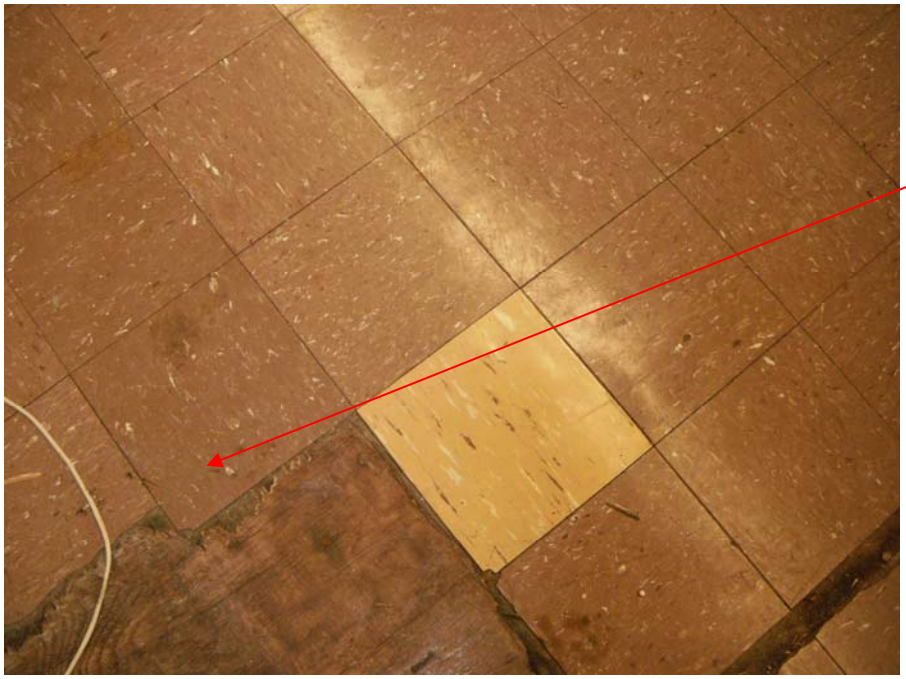


Photo 4

ACM 9"x9" Brown with Brown & White Speck Floor Tile

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 5

ACM 9"x9" Light Brown with Brown & White Speck Floor Tile and Associated Mastic

OQHS

Photo 6

ACM Mastic Associated With 9"x9" Maroon Floor Tile

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 7

ACM Mastic Associated With 9"x9" Orange with White & Brown Streak Floor Tile

OQHS

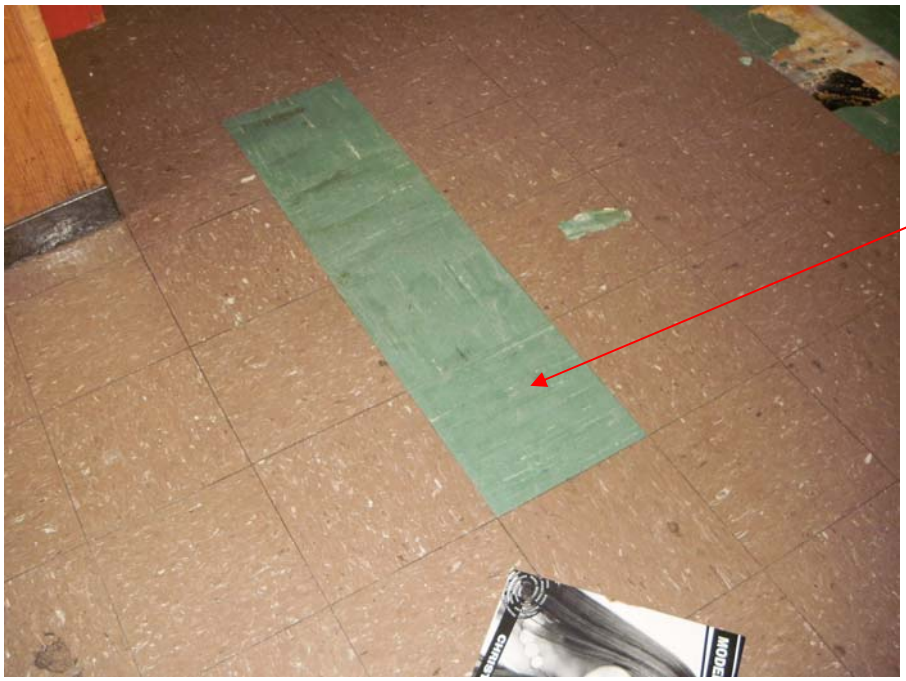


Photo 8

ACM 9"x9" Green with White & Green Streak Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 9

ACM Mastic Associated With 9"x9" Red with White & Orange Streak Floor Tile

OQHS

Photo 10

ACM 9"x9" Pink Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 11

ACM 9"x9" Peach Floor Tile

OQHS

Photo 12

ACM 9"x9" Light Brown Multi-White Speck Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 13

ACM Mastic Associated With 9"x9" Red Mottled Floor Tile

OQHS

Photo 14

ACM 9"x9" Red with White & Gray Streak Streak Floor Tile

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 15

ACM 9"x9" White Floor Tile and Associated Mastic

OQHS

Photo 16

ACM 9"x9" Light Brown with Brown & White Fleck Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 17

ACM 9"x9" Beige with Brown & White Streak Floor Tile and Associated Mastic

OQHS

Photo 18

ACM 9"x9" Olive Floor Tile

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 19

ACM 9"x9" Coffee with Brown & White Speck Floor Tile and Associated Mastic

OQHS

Photo 20

ACM 9"x9" Gray with White & Black Streak Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 21

ACM 9"x9" White with Gold Streak Floor Tile and Associated Mastic

OQHS

Photo 22

ACM 9"x9" Blue with White Streak Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 23

ACM 12"x12" Orange Mottled Floor Tile and Associated Mastic

OQHS

Photo 24

ACM 12"x12" Yellow with Gold Speck Floor Tile

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 25

ACM 12"x12" Lime Mottled Floor Tile and Associated Mastic

OQHS

Photo 26

ACM 12"x12" Brown with Brown & White Speck and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 27

ACM 12"x12" Beige with Brown & White Fleck Floor Tile

OQHS

Photo 28

ACM 12"x12" Dark Brown Mottled Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 29

ACM 12"x12" Olive Mottled Floor Tile and Associated Mastic

OQHS

Photo 30

ACM 12"x12" Black Mottled Floor Tile and Associated Mastic

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 through September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 31

ACM Mastic associated with ACM 12"x12" Gray Speckled Floor Tile

OQHS

This Space Intentionally Left Blank

ACM Except for Floor Tile and Mastic Photographs

Photo 1

ACM TSI Pipe Insulation

Note: ACM TSI pipe insulation debris also in chase

OQHS

Photo 2

TSI Debris on Ceiling in Room 57

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 3

TSI in Cabinets in Storage Room near Gym/Basement

OQHS

Photo 4

Residual TSI on Pipes and Valve Packing in Fan Unit Room #2 at Rear of Basement

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 5

Residual TSI on Pipes and Valve Packing in Fan Unit Room #2 at Rear of Basement

OQHS

Photo 6

ACM TSI Pipe Insulation

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 7

ACM TSI Pipe Insulation

OQHS

Photo 8

ACM TSI Pipe Insulation

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

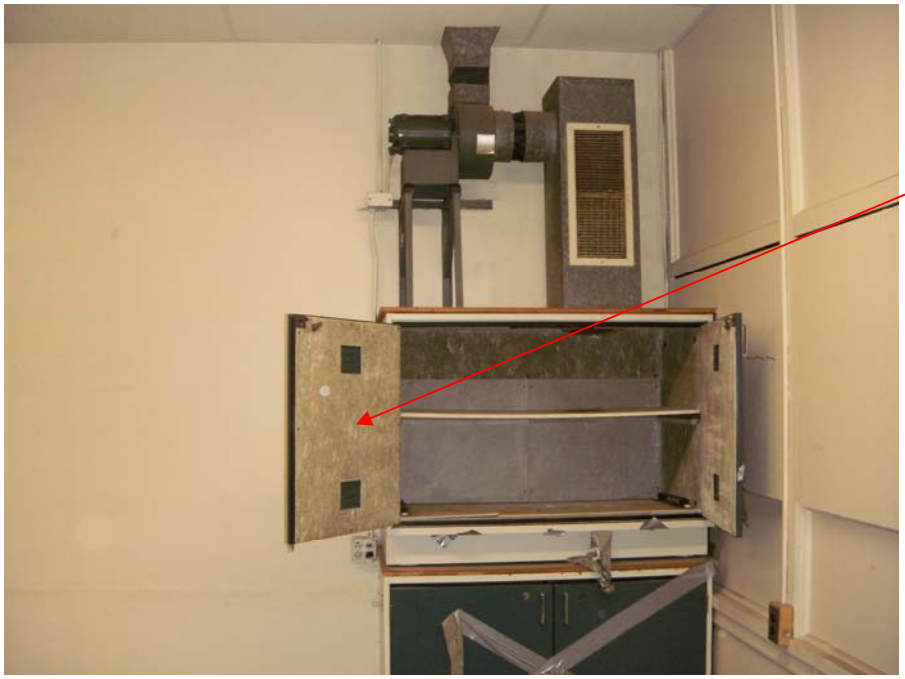


Photo 9

ACM Fume Hood Cement Panels

OQHS

Photo 10

ACM Cement Board Wall Panels

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

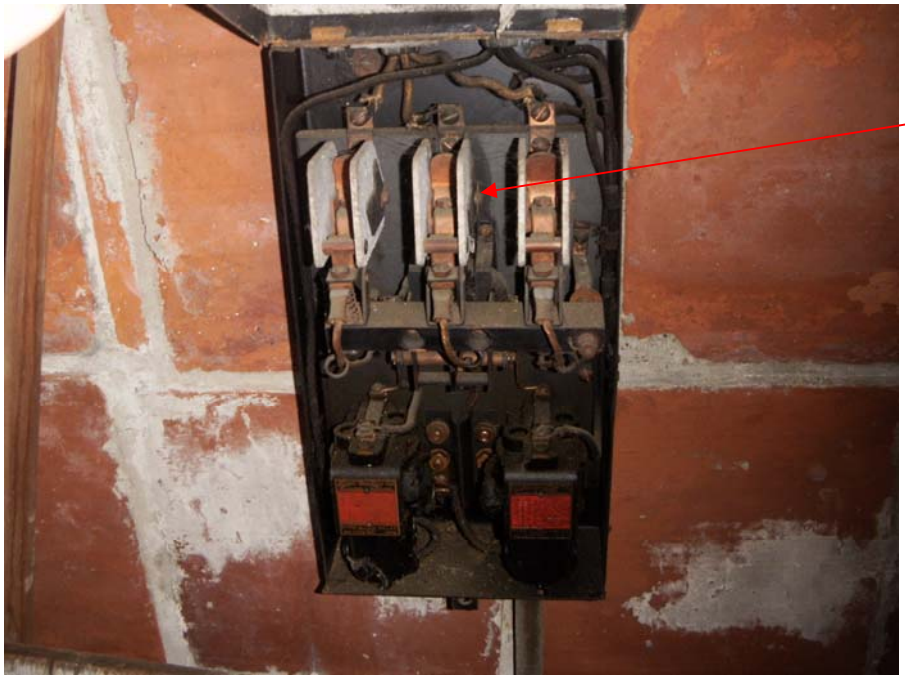


Photo 11

ACM Switch Guards

Note: ***Allen Bradley Motor Starting Switch***

OQHS – Penthouse

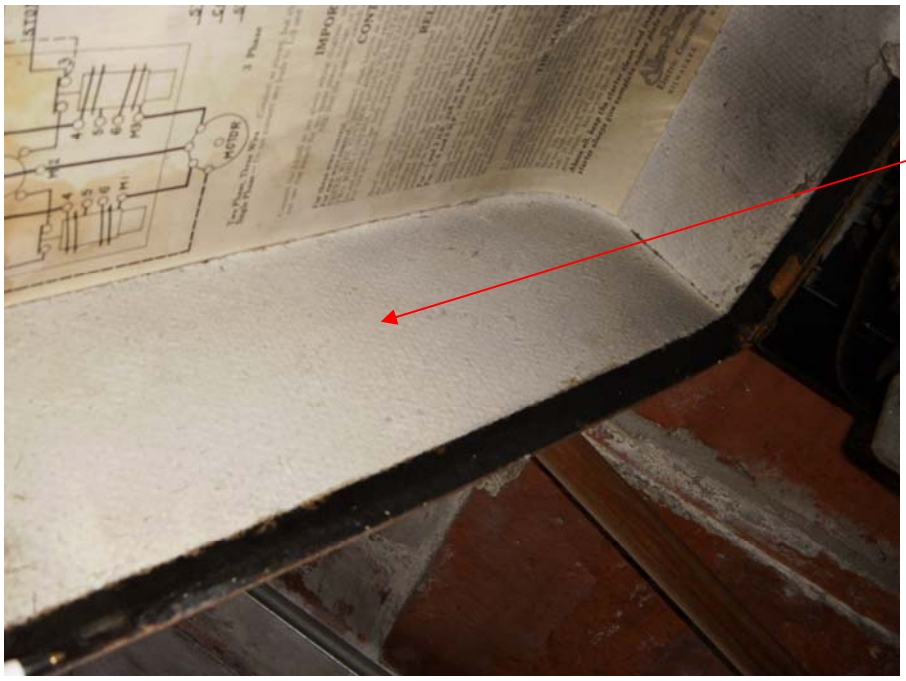


Photo 12

ACM Insulating Box Panels

Note: ***Allen Bradley Motor Starting Switch***

OQHS – Penthouse

Photo 13

ACM Black Lab Counters

OQHS

Photo 14

ACM Glue Associated with ACM Lab Counters

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

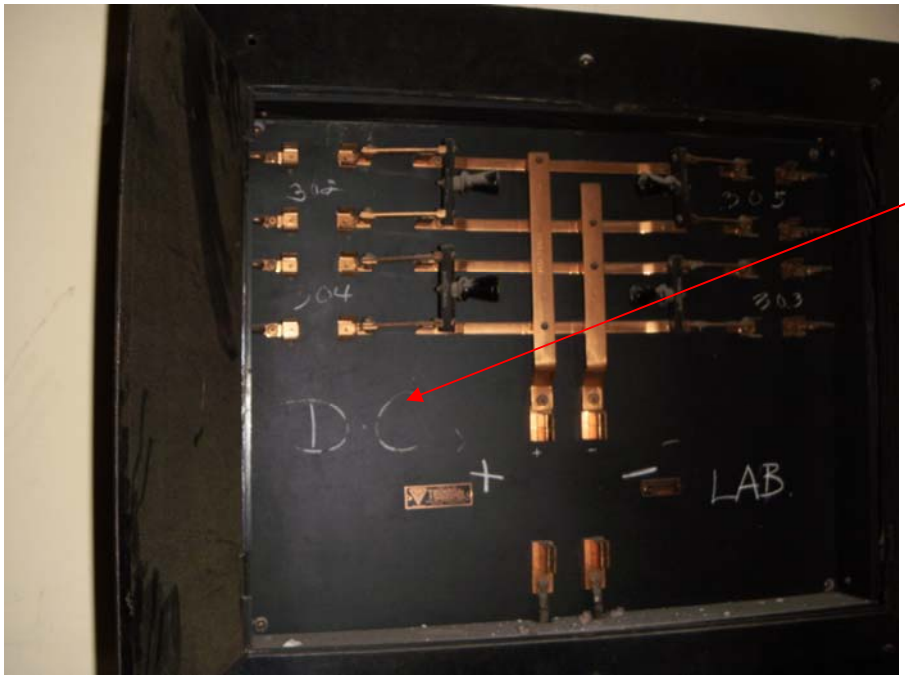


Photo 15

ACM Cement Board Electrical Mounting Panel

OQHS

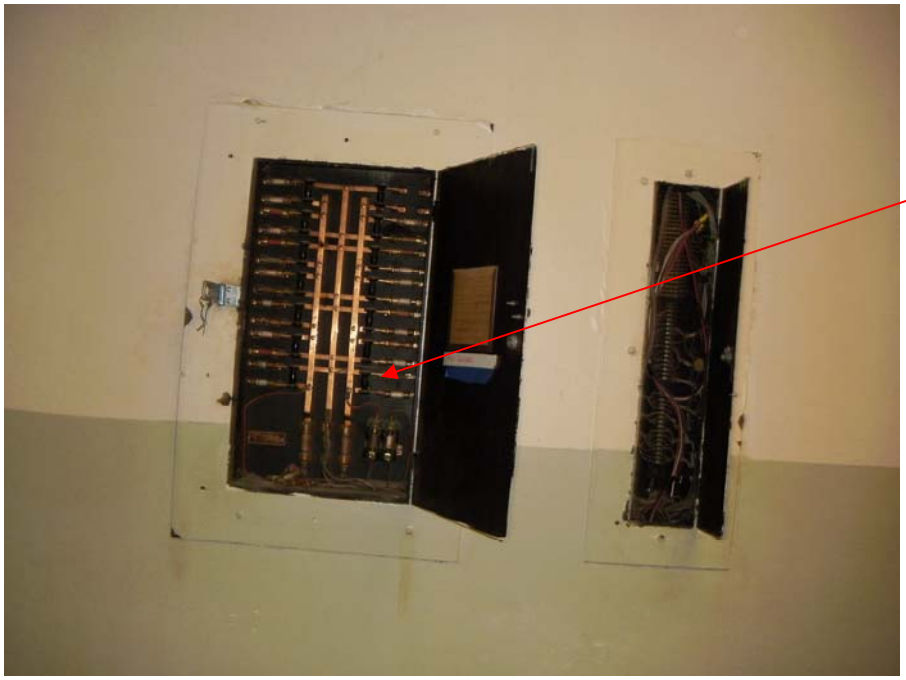


Photo 16

ACM Cement Board Electrical Mounting Panel

OQHS

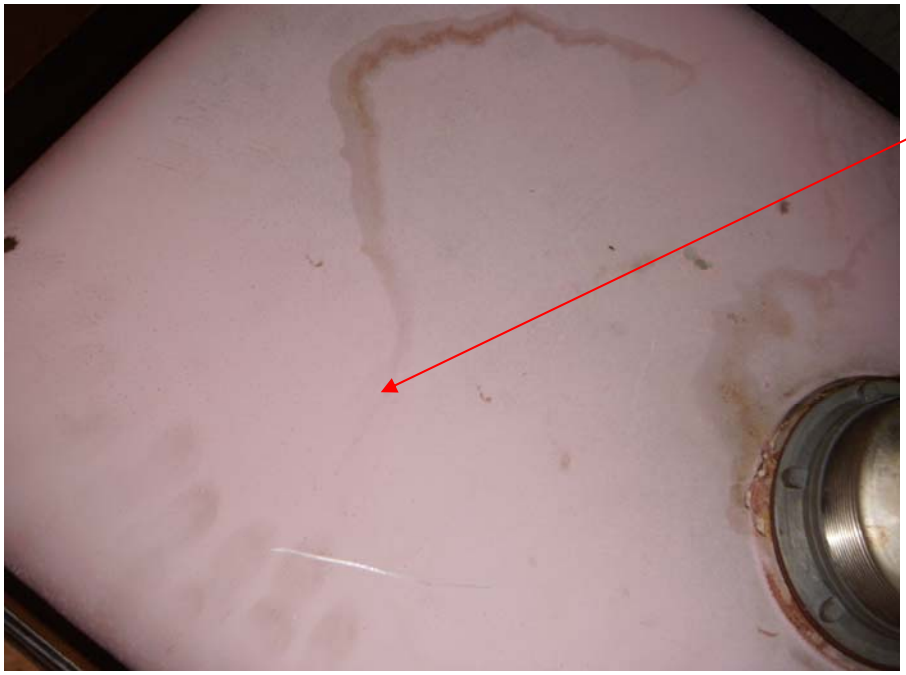


Photo 17

ACM Gray Sink Undercoating

OQHS

Photo 18

ACM Joint Compound

OQHS

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Exterior and Roof Photographs

Photo 1

ACM Flashing Membrane

OQHS – Main & Auditorium Roofs

Photo 2

ACM Light Gray Sealant on Copper Flashing

OQHS – Main & Auditorium Roofs

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 3

ACM Black Sealant on Copper Flashing

OQHS – Main & Auditorium Roofs

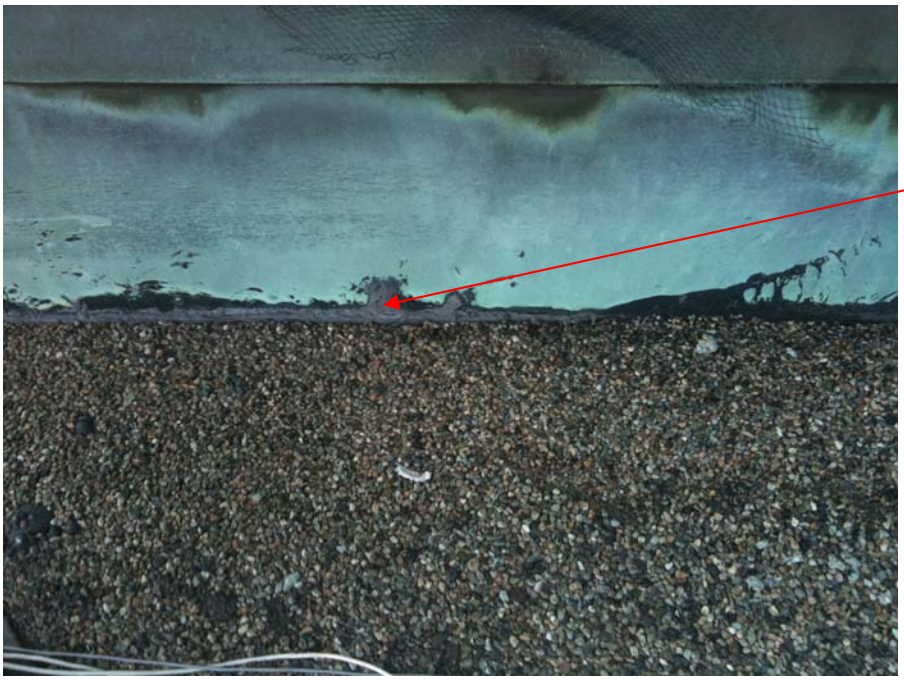


Photo 4

ACM Gray Sealant @ Base of Roof Penetrations

OQHS – Main & Auditorium Roofs

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 5

ACM Black Sealant @ Base of Roof Penetrations

OQHS – Main & Auditorium Roofs

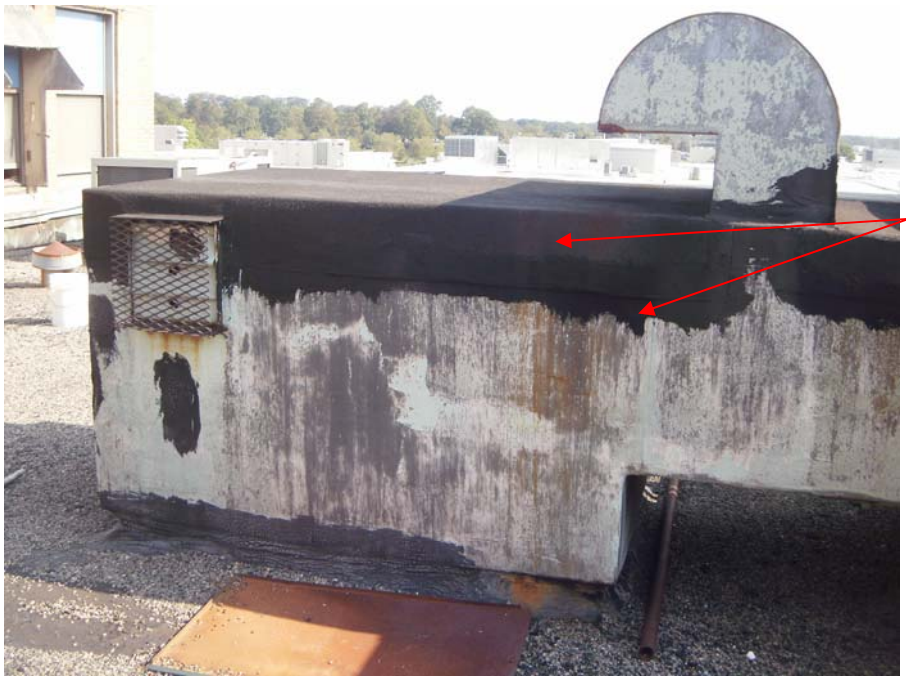


Photo 6

ACM Rolled Asphalt and associated Black Sealant on HVAC Units

OQHS – Auditorium Roof

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 7

ACM Black Coating on HVAC Unit Fiberglass Panels

OQHS – Auditorium Roof

Photo 8

ACM Black Glazing/Glue on Plexiglass in Brown Metal Windows

OQHS – Windows

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

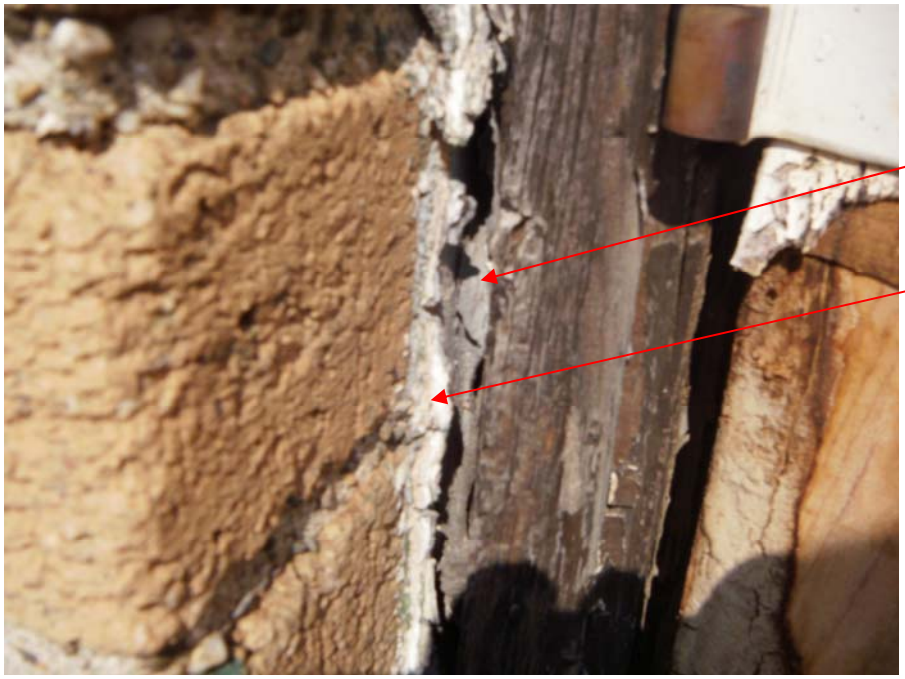


Photo 9

ACM Gray Window Caulking (2nd layer)

ACM White Window Caulking (top layer)

Old Wood Windows

Note: Old window windows behind brown metal windows

OQHS – Windows

Photo 10

ACM Gray Window Caulking

ACM White Window Glazing

Old Metal Windows @ Rear of Building

OQHS – Windows

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

Photo 11

ACM White Seam Filler above Window @ Brick/Stone

OQHS – Exterior

Photo 12

ACM Black Mastic on Brick Foundation Base

OQHS – Exterior

SITE PHOTOGRAPHS Date of Photographs: August 22, 2011 – September 14, 2011	esis ESIS, Inc. – Health, Safety & Environmental Services	Old Quincy High School ESIS Project Number 1076.728

N. LEAD BASED PAINT TESTING RESULTS

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
Room 300 / Plaster Ceiling	>50% Damage	0	White
Room 300 / Plaster Upper Wall	**30% Damage**	**0.8**	**White**
Room 300 / Wood Crown Molding	**Good**	**0.1**	**White**
Room 300 / Plaster Middle Wall	**5-10% Damage**	**0.2**	**White**
Room 300 / Plaster Middle Wall	**5-10% Damage**	**0.4**	**Light Blue**
Room 300 / Plaster Lower Wall (covered with canvas)	**5-10% Damage**	**3.4**	**White**
Room 300 / Plaster Lower Wall (covered with canvas)	**5-10% Damage**	**3.5**	**Light Blue**
Room 300 / Corkboard	Good	-0.2	Light Blue
Room 300 / Corkboard	Good	0	White
Room 300 / Radiator	**20-20% Damage**	**1.5**	**Silver**
Room 300 / Metal Door Frame	**Good**	**3.3**	**White**
Room 300 / Metal Door Frame	**5-10% Damage**	**2.5**	**Black**
Room 300 / Metal Hall Door	**5-10% Damage**	**0.4**	**Dark Blue**
Room 300 / Metal Door Top Frame	**5-10% Damage**	**3.4**	**White**
Room 300 / Sheetrock Door Topper	Good	0	White
Room 300 / Panel Window Topper	**Good**	**0.5**	**Dark Blue**
Room 300 / Metal Window Frame	**Good**	**0.2**	**Brown**
Room 300 / Metal Window Sill	**Good**	**0.4**	**Brown**
Room 300 / Wood Window Frame	**Good**	**0.3**	**Varnished**
Room 300 / Wood Window Sill	**Good**	**0.2**	**Varnished**
Room 300 / Wood Blackboard Framing	**Good**	**0.2**	**Varnished**
Room 300 / Wood Baseboard	**Good**	**0.1**	**Varnished**
Room 300 / Wood Chair Rail	**Good**	**0.4**	**Varnished**
Room 300 / Wood Built In Cabinet	Good	-0.1	Varnished
Room 300 / Wood Door	**Good**	**0.2**	**Varnished**
Room 300 / Wood Door Jamb	**Good**	**4.3**	**White**
Room 300 / Wood Door Frame	**Good**	**4.1**	**White**
Room 301 / Plaster Lower Wall	**Good**	**0.2**	**Steel Blue**
Room 301 / Plaster Middle Wall	**Good**	**0.4**	**Light Yellow**
Room 301 / Plaster Lower Wall (covered with canvas)	**Good**	**1.7**	**Steel Blue**
Room 301 / Corkboard	**Good**	**0.3**	**Light Green**
Room 301 / Plaster Lower Wall (covered with canvas)	**Good**	**1.8**	**White**
Room 301 / Built In Wood Desk	Good	0	Varnished
Room 301 / Metal Grate on Vent	**Good**	**2.3**	**Brown**
Room 301 / Metal Grate on Vent	**Good**	**1.4**	**White**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
3rd Floor Hall / Metal Door	**5-10% Damage**	**2.2**	**Blue**
3rd Floor Hall / Metal Inner Door Frame	**Good**	**8.2**	**Black**
3rd Floor Hall / Metal Inner Door Jamb	**Good**	**6.6**	**Black**
3rd Floor Hall / Metal Side Window Inlay Panel	**Good**	**8.3**	**Black**
3rd Floor Hall / Metal Outer Door Frame	**Good**	**6.5**	**Black**
3rd Floor Hall / Metal Door Header	**Good**	**7.2**	**Black**
3rd Floor Hall / Metal Top Window Inlay Panel	**Good**	**7.4**	**Blue**
3rd Floor Hall / Metal Top Window Inlay Panel (Inner)	**Good**	**>9.9**	**Blue**
3rd Floor Hall / Metal Top Window Inlay Panel (Outer)	**Good**	**6.7**	**Blue**
3rd Floor Hall / Metal Top Header	**Good**	**7.3**	**Blue**
3rd Floor Hall / Plaster Top Wall	Good	-0.2	White
3rd Floor Hall / Plaster Bottom Wall	**Good**	**0.2**	**Beige**
3rd Floor Hall / Metal Radiator	**15-25% Damage**	**0.2**	**Beige**
3rd Floor Hall / Metal Window Casing	**Good**	**4.7**	**Brown**
3rd Floor Hall / Metal Window Frame	**30-50% Damage**	**3.2**	**Brown**
3rd Floor Hall / Wood Window Sill	**5-10% Damage**	**3.4**	**Brown**
3rd Floor Hall / Wood Window Sash	**Good**	**1.2**	**Brown**
3rd Floor Hall / Panel Door Topper	Good	0	Orange
3rd Floor Hall / Metal Door Topper Frame	**Good**	**3.1**	**White**
3rd Floor Hall / Metal Classroom Door Frame	**Good**	**2.3**	**Beige**
3rd Floor Hall / Men's Room Panel Door Topper	**Good**	**0.2**	**White**
3rd Floor Hall / Metal Old Elevator Door Frame	**Good**	**5.8**	**Beige**
3rd Floor Hall / Metal Old Elevator Door	Good	0	Beige
3rd Floor Hall / Metal Lockers	**5-10% Damage**	**0.4**	**Grey**
3rd Floor Hall / Metal Lockers	**Good**	**0.2**	**Blue**
3rd Floor Hall / Metal Lockers	Good	0	Light Blue
3rd Floor Hall / Metal Lockers	**Good**	**1.0**	**Dark Grey**
3rd Floor Hall / Metal Locker Sidewalls	Good	0	Peach
3rd Floor Hall / Brick Lower Wall	Good	-0.1	Beige
3rd Floor Hall / Brick Upper Wall	Good	0	Beige
3rd Floor Hall / Metal Electrical Panel	**5-10% Damage**	**0.4**	**White**
3rd Floor Hall / Metal Door Frame	5-10% Damage	0	White
3rd Floor Hall / Metal Door Jamb	**5-10% Damage**	**0.1**	**White**
3rd Floor Hall / Metal Roof Door	**Good**	**0.3**	**Blue**
3rd Floor Hall / Metal Roof Door Frame	Good	-0.1	Black
3rd Floor Hall / Metal Roof Door Jamb	**Good**	**0.3**	**Black**
3rd Floor Hall / Fire Extinguisher Storage Box	**Good**	**0.3**	**Red**
3rd Floor Hall / Wood Door	**5-10% Damage**	**0.4**	**Blue**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
3rd Floor Hall Storage Room / Brick Wall	**Good**	**0.2**	**White**
3rd Floor Hall Storage Room / Brick Wall	**Good**	**0.3**	**Light Brown**
3rd Floor Hall Storage Room / Metal Door Frame	**Good**	**0.7**	**Black**
3rd Floor Hall Storage Room / Metal Door Frame	Good	0	Beige
3rd Floor Hall Storage Room / Metal Door Jamb	**Good**	**0.5**	**Black**
3rd Floor Hall Storage Room / Sheetrock Wall	**Good**	**0.6**	**White**
3rd Floor Hall Storage Room / Sheetrock Wall	**Good**	**0.2**	**Purple**
3rd Floor Hall Storage Room / Concrete Floor	**Good**	**0.3**	**Grey**
3rd Floor Hall Storage Room / Metal Ceiling Support Beam	**Good**	**1.1**	**Burgundy**
3rd Floor Men's Room / Concrete Floor	**5-10% Damage**	**0.3**	**Grey**
3rd Floor Men's Room / Concrete Block Half Wall	Good	-0.2	Blue
3rd Floor Men's Room / Panel Stall Dividers	Good	-0.1	Blue
3rd Floor Men's Room / Panel Stall Doors	**Good**	**0.2**	**Bright Blue**
3rd Floor Men's Room / Metal Handicap Stall Doors	**Good**	**0.6**	**Beige**
3rd Floor Men's Room / Plaster Upper Wall	**15-25% Damage**	**0.2**	**Slate Blue**
3rd Floor Men's Room / Plaster Lower Wall	**15-25% Damage**	**0.5**	**Light Grey**
3rd Floor Men's Room / Metal Duct	**Good**	**0.7**	**Slate Blue**
3rd Floor Men's Room / Metal Duct	**Good**	**0.4**	**Light Grey**
3rd Floor Men's Room / Metal Pipe	**Good**	**0.8**	**Slate Blue**
3rd Floor Men's Room / Metal Pipe	**Good**	**1.2**	**Light Grey**
3rd Floor Men's Room / Plaster Ceiling	**15-25% Damage**	**0.1**	**Beige**
3rd Floor Men's Room / Metal Window Frame	**25-50% Damage**	**0.3**	**Light Grey**
3rd Floor Men's Room / Metal Window Frame	**25-50% Damage**	**2.1**	**Blue**
3rd Floor Men's Room / Metal Window Casing	**15-25% Damage**	**2.0**	**Light Grey**
3rd Floor Men's Room / Metal Window Casing	**25-50% Damage**	**1.1**	**Blue**
3rd Floor Men's Room / Slate Window Sill	5-10% Damage	-0.3	Black
3rd Floor Men's Room / Wood Mirror Frame	**Good**	**0.1**	**Black**
3rd Floor Men's Room / Metal Pipe	**Good**	**1.1**	**Blue**
3rd Floor Men's Room / Metal Pipe	**Good**	**0.6**	**White**
3rd Floor Men's Room Storage Room / Gypsum Board Wall	**Good**	**0.3**	**White**
3rd Floor Men's Room Storage Room / Gypsum Board Wall	Good	-0.1	Blue
3rd Floor Men's Room Storage Room / Gypsum Board Door	Good	-0.1	Blue
Room 302 / Panel Blackboard Topper	**Good**	**0.3**	**White**
Room 302 / Panel Blackboard Topper	**Good**	**0.2**	**Yellow**
Room 302 / Wood Panel	**Good**	**0.3**	**Brown**
Room 302 / Built In Wood Cabinet	Good	0	Brown

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
Room 303 / Sheetrock Bumpout Wall	Good	0	White
Room 303 / Plaster Closet Wall	Good	-0.1	Tan
Room 303 / Wood Built In Closet Cabinets	**Good**	**0.1**	**Varnished**
Room 303 / Metal Electrical Panels	**Good**	**0.2**	**Black**
Room 303 / Plaster Lower Closet Wall (covered in canvas)	**Good**	**1.6**	**Brown**
Room 303 / Wood Closet Chair Rail	**5-10% Damage**	**0.5**	**Varnished**
Room 303 / Wood Closet Baseboard	**5-10% Damage**	**0.5**	**Varnished**
Room 303 / Metal Closet Door Frame	**15-25% Damage**	**3.1**	**Brown**
Room 303 / Metal Closet Door Jamb	**15-25% Damage**	**5.7**	**White**
Room 304 / Plaster Blackboard Topper	**5-10% Damage**	**0.6**	**Light Blue**
Extras Holding Room / Metal Door to Room 304	Good	-0.1	White
Extras Holding Room / Panelboard	Good	-0.1	White
Extras Holding Room / Wood Panelboard Frame	**Good**	**0.2**	**White**
Extras Holding Room / Metal Flame Cabinet	Good	0	White
Extras Holding Room / Metal Flame Cabinet Door	**Good**	**0.1**	**Steel Blue**
Extras Holding Room / Metal Flame Cabinet Vent	**Good**	**0.2**	**Grey**
Extras Holding Room / Wood Baseboard	**Good**	**0.2**	**White**
Extras Holding Room / Wood Chair Rail	**Good**	**0.3**	**White**
Extras Holding Room / Wood Flame Cabinet Dais	Good	0	White
Room 305 / Plaster Wall	Good	-0.2	Light Yellow
Room 305 / Plaster Wall	Good	-0.2	Peach
Room 305 / Metal Fume Hood	**Good**	**0.7**	**Orange**
Room 306 / Metal Pipe	Good	0	White
Room 306 / Plaster Wall	5-10% Damage	0	Light Blue
Room 306 / Plaster Wall	**5-10% Damage**	**0.3**	**Light Green**
Room 306 / Plaster Wall	5-10% Damage	-0.1	White
Room 306 / Metal Fume Hood	**Good**	**0.7**	**Tan**
Room 306 / Panel Closet Wall	Good	-0.2	Lime Green
Room 306 / Wood Closet Shelf	**15-25% Damage**	**0.2**	**Lime Green**
Room 306 / Wood Closet Window	**15-25% Damage**	**0.1**	**White**
Room 306 / Wood Closet Window Frame	15-25% Damage	0	White
Room 306 / Wood Closet Window Casing	15-25% Damage	-0.2	White
Room 306 / Wood Closet Window Sill	**15-25% Damage**	**0.4**	**White**
Room 306 / Wood Built In Cabinets	Good	0	Varnished
Room 306 / Metal Door	**15-25% Damage**	**0.2**	**Light Blue**
Room 306 / Metal Door Frame	**5-10% Damage**	**2.8**	**Light Blue**
Room 307 / Metal Closet Built In Shelves	**5-10% Damage**	**0.1**	**Olive**
Room 307 / Plaster Closet Wall (covered with canvas)	**Good**	**0.9**	**Teal**

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Room 307 / Plaster Closet Wall	Good	-0.1	Slate Green
Room 307 / Metal Closet Door Frame	**Good**	**2.0**	**Brown**
Room 309 / Plaster Wall	**5-10% Damage**	**0.8**	**Light Blue**
Room 309 / Corkboard	**5-10% Damage**	**0.3**	**Light Blue**
Room 309 / Wood Closet Molding	**Good**	**0.4**	**Light Blue**
Room 309 / Wood Closet Baseboard	**Good**	**0.1**	**Light Blue**
Room 309 / Sheetrock Closet Wall	Good	0	Light Blue
Room 309 / Wood Closet Doorframe	Good	0	Light Blue
Room 310 / Plaster Closet Wall (covered in canvas)	**Good**	**1.5**	**Peach**
Room 310 / Wood Closet Wall Panel	**Good**	**0.2**	**Peach**
Room 310 / Panel Closet Wall	**Good**	**0.3**	**Peach**
Room 310 / Plaster Closet Wall	**Good**	**0.1**	**Light Blue**
Room 310 / Panel Closet Wall	Good	0	Light Blue
Room 310 / Metal Closet Door Frame	**Good**	**4.2**	**Steel Grey**
Room 310 / Metal Closet Door Jamb	**5-10% Damage**	**4.7**	**Peach**
Room 310 / Metal Grate on Closet Vent	**Good**	**2.0**	**Peach**
Room 311 / Plaster Closet Wall (covered in canvas)	**Good**	**1.1**	**Steel Grey**
Room 311/ Panel Closet Wall	Good	-0.1	Flesh
Room 314 / Wood Built In Shelves	**Good**	**0.2**	**White**
Room 315 / Wood TV Backboard	**Good**	**0.1**	**Dark Grey**
Room 315 / Wood Teacher's Desk Platform	5-10% Damage	0	Brown
Room 315 / Metal Electrical Panel Box	Good	-0.2	Dark Grey
Room 316 / Metal Closet Door	**Good**	**0.1**	**Steel Grey**
Room 316 / Metal Closet Door Frame	**Good**	**1.1**	**Red**
Room 316 / Metal Closet Door Jamb	**Good**	**0.4**	**Red**
Room 316 / Wood Built In Closet Shelving	**5-10% Damage**	**0.4**	**Blue Grey**
Room 316 / Metal Grate on Closet Vent	Good	0	Steel Blue
Room 316 / Wood Built In Shelving	5-10% Damage	-0.1	White
3rd Floor Women's Room / Concrete Block Wall	**Good**	**0.2**	**Light Blue**
3rd Floor Women's Room / Concrete Block Wall	**Good**	**0.7**	**Black**
3rd Floor Women's Room / Metal Radiator	5-10% Damage	0	Light Blue
3rd Floor Women's Room / Wood Mirror Frame	**Good**	**0.6**	**Black**
3rd Floor Women's Room / Metal Door Frame	**Good**	**3.2**	**Light Blue**
3rd Floor Women's Room / Metal Door Jamb	**Good**	**3.0**	**Light Blue**
3rd Floor Women's Room / Wood Door	5-10% Damage	-0.1	Chocolate Brown
Faculty Room / Wood Bathroom Stall Divider	Good	0	White
Faculty Room / Wood Bathroom Stall Outer Wall	**Good**	**0.1**	**White**
Faculty Room / Wood Bathroom Stall Door	**Good**	**0.6**	**White**
Faculty Room / Wood Bathroom Door	Good	0	White

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Faculty Room / Wood Baseboard	5-10% Damage	-0.1	White
Faculty Room / Wood Window Sill	**>50% damage**	**0.4**	**White**
Faculty Room / Wood Window Sash	**5-10% Damage**	**0.5**	**White**
Faculty Room / Wood Window Casing	**Good**	**0.4**	**White**
Room 317 / Metal Radiator	**Good**	**0.9**	**Grey**
Room 317 / Fire Blanket Box	**Good**	**1.1**	**Red**
Room 317 / Metal Hotlight Box	**Good**	**0.5**	**White**
Room 317A / Metal Radiator	**Good**	**0.4**	**Steel Blue**
Room 318 / Sheetrock Wall	Good	-0.1	Light Yellow
Room 318 / Sheetrock Wall	Good	-0.1	Steel Blue
Room 318 / Sheetrock Wall	**Good**	**0.2**	**White**
Room 318A / Metal Pipe	Good	-0.1	Yellow
Room 318A / Kitchen Wall	**Good**	**0.1**	**Light Green**
2nd Floor Hall / Plaster Wall	Good	0	White
2nd Floor Hall / Plaster Wall	**5-10% Damage**	**0.2**	**Peach**
2nd Floor Hall / Plaster Wall	5-10% Damage	-0.2	Olive
2nd Floor Hall / Plaster Wall	**5-10% Damage**	**0.4**	**Slate Green**
2nd Floor Hall / Plaster Wall	**Good**	**0.1**	**Light Green**
2nd Floor Hall / Plaster Wall	**Good**	**0.6**	**Yellow Green**
2nd Floor Hall / Plaster Wall	**Good**	**0.7**	**Beige**
2nd Floor Hall / Plaster Wall	Good	0	Light Brown
2nd Floor Hall / Plaster Wall	**Good**	**0.3**	**White**
2nd Floor Hall / Plaster Wall	Good	-0.1	Light Green
2nd Floor Hall / Plaster Wall	**5-10% Damage**	**0.9**	**Blue**
2nd Floor Hall / Plaster Wall	**Good**	**1.5**	**Light Yellow**
2nd Floor Hall / Metal Door Frame	**Good**	**1.0**	**Light Yellow**
2nd Floor Hall / Metal Door Jamb	**Good**	**4.3**	**Light Yellow**
2nd Floor Hall / Wood Door	**Good**	**0.2**	**Light Blue**
2nd Floor Hall / Metal Door Frame	**Good**	**4.0**	**Light Blue**
2nd Floor Hall / Metal Door Frame	**Good**	**2.5**	**White**
2nd Floor Hall / Metal Elevator Door	**Good**	**3.5**	**Blue**
2nd Floor Hall / Metal Elevator Door Frame	Good	0	Blue
2nd Floor Hall / Metal Window Frame	**5-10% Damage**	**3.9**	**Blue**
2nd Floor Hall / Metal Window Casing	**5-10% Damage**	**3.2**	**Blue**
2nd Floor Hall / Wood Window Sill	**5-10% Damage**	**1.8**	**Blue**
2nd Floor Hall / Wood Window Sash	**5-10% Damage**	**0.9**	**Blue**
2nd Floor Hall / Metal Piping	**5-10% Damage**	**1.4**	**White**
2nd Floor Hall / Plaster Ceiling	15-25% Damage	-0.1	White
2nd Floor Hall / Plaster Upper Wall	**Good**	**0.2**	**White**
2nd Floor Hall / Metal Window Header	**Good**	**3.2**	**Brown**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Hall / Wood Crown Molding	**Good**	**0.1**	**White**
2nd Floor Hall / Plaster Beam Casing	Good	-0.1	White
2nd Floor Hall / Wood Door	**Good**	**4.6**	**Blue**
2nd Floor Hall / Metal Door Frame	**5-10% Damage**	**4.7**	**Black**
2nd Floor Hall / Metal Door Jamb	**5-10% Damage**	**6.1**	**Black**
2nd Floor Hall / Metal Side Glass Inlay Frame	**5-10% Damage**	**4.6**	**Black**
2nd Floor Hall / Metal Outer Door Frame	**5-10% Damage**	**3.2**	**Black**
2nd Floor Hall / Metal Top Glass Inlay Frame	**5-10% Damage**	**7.4**	**Black**
2nd Floor Hall / Metal Top Door Header	**5-10% Damage**	**7.6**	**Blue**
2nd Floor Hall / Wood Door	**5-10% Damage**	**7.8**	**Blue**
2nd Floor Hall / Metal Door Frame	**5-10% Damage**	**4.7**	**Blue**
2nd Floor Hall / Metal Door Jamb	**5-10% Damage**	**7.7**	**Blue**
2nd Floor Hall / Metal Side Glass Inlay Frame	**5-10% Damage**	**7.6**	**Blue**
2nd Floor Hall / Metal Outer Door Frame	**5-10% Damage**	**5.6**	**Blue**
2nd Floor Hall / Metal Top Glass Inlay Frame	**5-10% Damage**	**7.6**	**Blue**
2nd Floor Hall / Metal Top Door Header	**5-10% Damage**	**6.7**	**Blue**
2nd Floor Hall / Wood Door	**Good**	**0.1**	**Varnished**
2nd Floor Hall / Wood Door Frame	**Good**	**0.3**	**Varnished**
2nd Floor Hall / Wood Door Jamb	**Good**	**0.2**	**Varnished**
2nd Floor Hall / Wood Side Glass Inlay Frame	**Good**	**0.1**	**Varnished**
2nd Floor Hall / Wood Outer Door Frame	Good	-0.1	Varnished
2nd Floor Hall / Wood Top Glass Inlay Frame	**Good**	**0.2**	**Varnished**
2nd Floor Hall / Wood Top Door Header	Good	-0.2	Varnished
2nd Floor Hall / Panel Door Topper	Good	-0.1	Orange
2nd Floor Hall / Panel Door Topper	Good	-0.2	White
2nd Floor Hall / Metal Door Topper Frame	**Good**	**2.0**	**White**
2nd Floor Hall / Metal Door	Good	0	Blue
2nd Floor Hall / Metal Door Frame	**5-10% Damage**	**0.9**	**Blue**
2nd Floor Hall / Metal Door Jamb	**5-10% Damage**	**0.9**	**Blue**
2nd Floor Hall / Wood Storage Room Door	**Good**	**6.2**	**Blue**
2nd Floor Hall / Metal Storage Room Door Frame	**Good**	**5.3**	**Blue**
2nd Floor Hall / Metal Storage Room Door Jamb	**Good**	**5.1**	**Blue**
2nd Floor Hall / Wood Doghouse Sill	**Good**	**0.3**	**White**
2nd Floor Hall / Wood Doghouse Molding	**Good**	**0.2**	**White**
2nd Floor Hall / Plaster Doghouse Wall	Good	-0.2	White
2nd Floor Hall / Plaster Doghouse Ceiling	Good	-0.1	White
2nd Floor Hall / Metal Electrical Panel Door	**Good**	**0.6**	**Light Yellow**
2nd Floor Hall / Metal Electrical Panel Door	**Good**	**0.5**	**Blue**
2nd Floor Hall / Plastered Metal Beam	Good	-0.1	Light Yellow
2nd Floor Men's Room / Metal Door Frame	**Good**	**3.1**	**White**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Men's Room / Metal Door Jamb	**Good**	**2.1**	**White**
2nd Floor Men's Room / Concrete Block Wall	**Good**	**0.2**	**Black**
2nd Floor Men's Room / Panel Stall Door	**Good**	**0.1**	**Black**
2nd Floor Men's Room / Panel Stall Divider	**Good**	**0.2**	**Black**
2nd Floor Men's Room / Plaster Upper Wall	**>50% Damage**	**1.1**	**Forest Green**
2nd Floor Men's Room / Metal Pipe	**Good**	**0.6**	**Forest Green**
2nd Floor Men's Room / Metal Ductwork	**Good**	**0.5**	**Forest Green**
2nd Floor Men's Room / Metal Window Frame	**15-25% Damage**	**0.8**	**White**
2nd Floor Men's Room / Metal Window Frame	**15-25% Damage**	**1.2**	**Steel Blue**
2nd Floor Men's Room / Metal Window Casing	**15-25% Damage**	**0.7**	**White**
2nd Floor Men's Room / Metal Window Casing	**15-25% Damage**	**1.2**	**Steel Blue**
2nd Floor Men's Room / Metal Window Sill	**15-25% Damage**	**0.1**	**Black**
2nd Floor Men's Room / Plaster Ceiling	**>50% Damage**	**1.1**	**Grey**
2nd Floor Men's Room / Panel Storage Area Door	Good	-0.1	Black
2nd Floor Men's Room / Panel Storage Area Wall	Good	-0.1	White
2nd Floor Men's Room / Concrete Floor	25-50% Damage	-0.1	Grey
Room 200 / Plaster Wall	Good	-0.1	White
Room 200 / Plaster Wall	**Good**	**0.2**	**Beige**
Room 200 / Plaster Wall (covered in canvas)	**Good**	**6.4**	**Beige**
Room 200 / Plaster Ceiling	Good	0	White
Room 200 / Wood Crown Molding	**Good**	**0.2**	**Beige**
Room 200 / Corkboard	Good	0	White
Room 200 / Wood Molding	Good	0	White
Room 200 / Corkboard	**5-10% Damage**	**0.6**	**Eggshell Blue**
2nd Floor Textbook Storage Room / Plaster Wall	**5-10% Damage**	**1.4**	**Light Yellow**
2nd Floor Textbook Storage Room / Plaster Wall (Covered in Canvas)	**5-10% Damage**	**4.8**	**Black**
2nd Floor Textbook Storage Room / Wood Crown Molding	**5-10% Damage**	**0.4**	**Light Yellow**
2nd Floor Textbook Storage Room / Plaster Ceiling	5-10% Damage	0	Light Yellow
2nd Floor Textbook Storage Room / Wood Chair Rail	**5-10% Damage**	**0.2**	**Light Yellow**
2nd Floor Textbook Storage Room / Wood Baseboard	5-10% Damage	-0.1	Black
2nd Floor Textbook Storage Room / Wood Built In Shelves	**5-10% Damage**	**0.4**	**Brown**
2nd Floor Textbook Storage Room / Wood Built In Shelves	5-10% Damage	0	Black
2nd Floor Textbook Storage Room / Metal Built In Shelves	**5-10% Damage**	**1.1**	**Olive**
2nd Floor Textbook Storage Room / Metal Built In Shelves	**5-10% Damage**	**0.5**	**Black**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Textbook Storage Room / Metal Door Frame	**5-10% Damage**	**3.7**	**Light yellow**
2nd Floor Textbook Storage Room / Metal Door Frame	**5-10% Damage**	**1.6**	**Black**
2nd Floor Textbook Storage Room / Metal Door Jamb	**5-10% Damage**	**2.5**	**Black**
Room 206 / Wood Baseboard	5-10% Damage	-0.1	White
Room 206 / Wood Chalk Holder	**5-10% Damage**	**0.5**	**Beige**
Room 206 / Wood Chalkboard Molding	**5-10% Damage**	**0.1**	**Beige**
Room 206 / Wood Doghouse Sill	Good	-0.1	Beige
Room 206 / Wood Doghouse Backwall	Good	-0.2	Beige
Room 206 / Plaster Doghouse Sidewall	Good	-0.1	Beige
Room 206 / Wood Closet Door	Good	0	White
Room 206 / Metal Closet Door Frame	**5-10% Damage**	**2.3**	**Foam Green**
Room 206 / Metal Closet Door Jamb	**5-10% Damage**	**5.7**	**Sea Green**
Room 206 / Plaster Closet Wall	**5-10% Damage**	**0.6**	**Foam Green**
Room 206 / Wood Built In Closet Shelves	**5-10% Damage**	**0.3**	**Foam Green**
Room 206 / Metal Piping (Covered in Painted Fiberglass)	**5-10% Damage**	**0.1**	**Foam Green**
Room 206 / Wood Crown Molding	**Good**	**0.1**	**Foam Green**
Room 206 / Plaster Ceiling	Good	0	Foam Green
Room 206 / Wood Baseboard	**5-10% Damage**	**0.1**	**Foam Green**
Room 206 / Metal Piping	**5-10% Damage**	**1.4**	**Foam Green**
Room 210 / Plaster Wall	**Good**	**0.1**	**Light Yellow**
Room 210 / Plaster Wall	Good	-0.1	White
Room 210 / Plaster Wall (Covered in Canvas)	**Good**	**3.3**	**Light Yellow**
Room 210 / Wood Chair Rail	**Good**	**0.3**	**Light Yellow**
Room 210 / Metal Piping	**Good**	**0.5**	**Light Yellow**
Room 210 / Metal Piping	**Good**	**1.0**	**Brown**
Room 210 / Metal Radiator	**Good**	**1.3**	**White**
Room 210 / Plastered Structural Columns	**Good**	**0.6**	**White**
Room 210 / Wood Crown Molding	**Good**	**0.4**	**White**
Room 210 / Plaster Ceiling	**Good**	**0.1**	**White**
Room 210 / Metal Door	Good	0	Blue
Room 210 / Metal Door Frame	**Good**	**2.5**	**Light Yellow**
Room 210 / Metal Door Jamb	**Good**	**2.5**	**Light Yellow**
Room 210 / Wood Baseboard	**Good**	**0.1**	**Brown**
Room 210 / Wood Window Sill	**Good**	**0.3**	**Brown**
Room 210 / Wood Window Sash	Good	0	Brown
Room 210 / Wood Window Casing	Good	0	Varnished
Room 209A / Plaster Wall	**Good**	**0.1**	**Sky Blue**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Auditorium Storage Area / Wall Panel	Good	-0.1	Blue
2nd Floor Auditorium Storage Area / Wall Panel	Good	-0.1	White
2nd Floor Auditorium Storage Area / Plaster Wall	**5-10% Damage**	**0.7**	**White**
2nd Floor Auditorium Storage Area / Plaster Wall (Covered in Wallpaper)	**Good**	**0.5**	**White**
2nd Floor Auditorium Storage Area / Plaster Wall	**10-15% Damage**	**0.1**	**Peach**
2nd Floor Auditorium Storage Area / Plaster Wall	>50% Damage	-0.2	Pink
2nd Floor Auditorium Storage Area / Plaster Wall	**5-10% Damage**	**0.6**	**Dark Pink**
2nd Floor Auditorium Storage Area / Plaster Wall (covered in canvas)	**5-10% Damage**	**0.5**	**Dark Pink**
2nd Floor Auditorium Storage Area / Plaster Wall	**Good**	**0.1**	**Yellow Green**
2nd Floor Auditorium Storage Area / Plaster Wall	**Good**	**0.5**	**Light Pink**
2nd Floor Auditorium Storage Area / Wood Chair Rail	**Good**	**0.5**	**White**
2nd Floor Auditorium Storage Area / Wood Window Casing	**5-10% Damage**	**2.5**	**White**
2nd Floor Auditorium Storage Area / Wood Window Curtain Hanger	**5-10% Damage**	**0.3**	**White**
2nd Floor Auditorium Storage Area / Sheetrock Closet Wall	Good	-0.1	White
2nd Floor Auditorium Storage Area / Wood Built In Closet Shelves	**Good**	**0.4**	**White**
2nd Floor Auditorium Storage Area / Wood Closet Door	Good	-0.2	White
2nd Floor Auditorium Storage Area / Wood Closet Door	Good	-0.2	Blue
2nd Floor Auditorium Storage Area / Plaster Molding	>50% Damage	0	Pink
2nd Floor Auditorium Storage Area / Plaster Molding	**>50% Damage**	**0.5**	**Beige**
2nd Floor Auditorium Storage Area / Plaster Ceiling	>50% Damage	-0.1	Beige
2nd Floor Auditorium Storage Area / Metal Radiator	**Good**	**0.2**	**White**
2nd Floor Auditorium Storage Area / Metal Curtain Runners	Good	0.2	Peach
2nd Floor Auditorium Storage Area / Metal Structural Beam	**Good**	**0.6**	**Burgundy**
2nd Floor Auditorium Storage Area / Metal Drop Ceiling Supports	**Good**	**0.6**	**Camo Green**
2nd Floor Auditorium Storage Area / Metal Storage AC Unit	**Good**	**0.7**	**Beige**
2nd Floor Auditorium Prop Storage Area / Plaster Wall (covered with canvas)	**Good**	**0.9**	**Olive**
2nd Floor Auditorium Prop Storage Area / Plaster Wall	Good	0	Black

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Auditorium Prop Storage Area / Plaster Wall	Good	-0.1	Dark Blue
2nd Floor Auditorium Prop Storage Area / Plaster Wall	**Good**	**0.6**	**Grey Blue**
2nd Floor Auditorium Prop Storage Area / Panel Wall	Good	0	Dark Blue
2nd Floor Auditorium Prop Storage Area / Metal Door	**Good**	**1.0**	**Steel Blue**
2nd Floor Auditorium Prop Storage Area / Metal Door Jamb	**Good**	**1.0**	**Light Blue**
2nd Floor Auditorium Prop Storage Area / Corkboard	**Good**	**0.5**	**Black**
2nd Floor Auditorium Prop Storage Area / Corkboard Trim	Good	-0.1	Black
2nd Floor Auditorium Prop Storage Area / Wood Built In Shelves	Good	-0.1	Black
2nd Floor Auditorium Prop Storage Area / Wood Closet Door	**Good**	**0.4**	**Black**
2nd Floor Auditorium Prop Storage Area / Wood Closet Door Casing	**Good**	**0.3**	**Black**
2nd Floor Auditorium Prop Storage Area / Wood Built In Shelves	Good	-0.1	Yellow
2nd Floor Auditorium Prop Storage Area / Wood Closet Door	Good	0	Foam Blue
2nd Floor Auditorium Prop Storage Area / Panel Corkboard Trim	Good	-0.1	Black
2nd Floor Auditorium Storage Area / Wood Built In Furniture	**Good**	**0.2**	**Dark Pink**
2nd Floor Electrical Room / Metal Duct	Good	0	Light Yellow
2nd Floor Electrical Room / Plaster Wall	**5-10% Damage**	**0.3**	**Light Yellow**
2nd Floor Electrical Room / Plaster Wall (covered in canvas)	**Good**	**5.2**	**Light Yellow**
2nd Floor Electrical Room / Metal Piping	**Good**	**0.4**	**Light Yellow**
2nd Floor Electrical Room / Metal Door Jamb	**Good**	**1.0**	**Light Yellow**
2nd Floor Electrical Room / Metal Door Frame	**Good**	**0.9**	**Light Yellow**
2nd Floor Electrical Room / Plaster Ceiling	**Good**	**0.3**	**Light Yellow**
2nd Floor Faculty Room / Panel Built In Cabinets	Good	0	White
2nd Floor Faculty Room / Panel Built In Cabinet Doors	**Good**	**0.4**	**White**
2nd Floor Faculty Room / Metal Built In Shelves	**Good**	**0.2**	**Blue**
2nd Floor Balcony / Plaster Walls	Good	-0.1	Red
2nd Floor Balcony / Sheetrock Wall	Good	-0.1	Black
2nd Floor Balcony / Sheetrock Wall	Good	0	White
2nd Floor Balcony / Metal Door Jambs	**Good**	**0.4**	**Red**

Summary of XRF Testing Old Quincy High School 65 Coddington Street Quincy, Massachusetts			
Location/ Description	**Paint Condition**	**XRF Reading (mg/cm^2)**	**Color/ Comments**
2nd Floor Balcony / Metal Door Jambs	Good	0	Red
2nd Floor Balcony / Metal Seating Stair Baluster	**Good**	**2.0**	**Light Blue**
1st Floor Hall / Plaster Wall	**5-10% Damage**	**1.1**	**Beige**
1st Floor Hall / Plaster Wall	**5-10% Damage**	**0.3**	**White**
1st Floor Hall / Plaster Wall	**5-10% Damage**	**0.1**	**Beige**
1st Floor Hall / Plaster Wall	**Good**	**1.1**	**Light Green**
1st Floor Hall / Plaster Wall	**Good**	**0.6**	**Light Brown**
1st Floor Hall / Sheetrock Wall	Good	-0.1	Beige
1st Floor Hall / Sheetrock Wall	Good	-0.1	Light Green
1st Floor Hall / Plaster Wall	**5-10% Damage**	**0.5**	**Greenish Brown**
1st Floor Hall / Plaster Wall	**5-10% Damage**	**0.1**	**Light Brown**
1st Floor Hall / Brick Wall	**Good**	**0.3**	**Beige**
1st Floor Hall / Brick Wall	Good	-0.2	Light Green
1st Floor Hall / Wood Crown Molding	Good	0.5	Beige
1st Floor Hall / Plaster Ceiling	Good	0	Beige
1st Floor Hall / Wood Door	**5-10% Damage**	**5.0**	**Blue**
1st Floor Hall / Metal Door Frame	**5-10% Damage**	**5.6**	**Black**
1st Floor Hall / Metal Door Jamb	**5-10% Damage**	**5.4**	**Black**
1st Floor Hall / Metal Side Window Inlay	**Good**	**6.7**	**Black**
1st Floor Hall / Metal Outer Door Frame	**Good**	**5.0**	**Black**
1st Floor Hall / Metal Top Window Inlay	**5-10% Damage**	**3.6**	**White**
1st Floor Hall / Metal Top Frame	**5-10% Damage**	**5.4**	**White**
1st Floor Hall / Metal Door Frame	**5-10% Damage**	**2.0**	**White**
1st Floor Hall / Metal Door Jamb	Good	0	Light Blue
1st Floor Hall / Metal Door Frame	**Good**	**2.8**	**White**
1st Floor Hall / Metal Door	Good	-0.1	Beige
1st Floor Hall / Metal Door	**Good**	**0.1**	**Light Green**
1st Floor Hall / Metal Door Frame	**Good**	**1.1**	**Beige**
1st Floor Hall / Metal Door Frame	**Good**	**0.2**	**Light Green**
1st Floor Hall / Metal Door Frame	Good	0	Greenish Brown
1st Floor Hall / Metal Door Frame	**Good**	**0.2**	**Light Brown**
1st Floor Hall / Panel Door Topper	Good	0.1	**Light Brown**
1st Floor Hall / Metal Door	Good	-0.1	Light Brown
1st Floor Hall / Metal Door	Good	-0.1	Greenish Brown
1st Floor Hall / Wood Window Sill	**5-10% Damage**	**1.6**	**Brown**
1st Floor Hall / Wood Window Sash	**5-10% Damage**	**1.0**	**Brown**
1st Floor Hall / Metal Window Sash	**5-10% Damage**	**1.0**	**White**

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
1st Floor Hall / Metal Window Frame	**15-25% Damage**	**3.4**	**Brown**
1st Floor Hall / Metal Window Casing	**15-25% Damage**	**2.2**	**Brown**
1st Floor Hall / Metal Piping	**Good**	**1.5**	**Beige**
1st Floor Hall / Metal Piping	**Good**	**0.7**	**Light Green**
1st Floor Men's Room / Panel Window Sill	**15-25% Damage**	**0.4**	**Black**
1st Floor Men's Room / Metal Window Frame	**15-25% Damage**	**1.1**	**Black**
1st Floor Men's Room / Metal Window Casing	**15-25% Damage**	**0.8**	**Black**
Room 100 / Plaster Wall	**10-15% Damage**	**0.6**	**White**
Room 100 / Plaster Wall	**10-15% Damage**	**1.0**	**Beige**
Room 100 / Plaster Wall (covered in canvas)	**10-15% Damage**	**0.6**	**Beige**
Room 100 / Wood Baseboard	**10-15% Damage**	**0.4**	**Beige**
Room 100 / Wood Crown Molding	**Good**	**0.8**	**Beige**
Room 100 / Plaster Ceiling	15-25% Damage	0	White
Room 100 / Wood Window Sill	15-25% Damage	0	Brown
Room 100 / Wood Window Sash	**Good**	**0.6**	**Brown**
Attendance Office / Plaster Wall	Good	0	Light Grey
Attendance Office / Plaster Wall (covered in canvas)	**Good**	**0.7**	**Light Grey**
Attendance Office / Wood Baseboard	Good	0	Light Grey
Attendance Office / Wood Chair Rail	**Good**	**0.2**	**Light Grey**
Attendance Office / Corkboard	**Good**	**0.2**	**Light Grey**
Attendance Office / Wood Corkboard Trim	Good	0	Light Grey
Attendance Office / Wood Window Sill	Good	-0.1	Light Grey
Attendance Office / Wood Window Sash	**Good**	**0.2**	**Light Grey**
Attendance Office / Metal Window Frame	**Good**	**0.2**	**Light Grey**
Attendance Office / Wood Door Frame	**Good**	**0.2**	**Light Grey**
Attendance Office / Wood Door Jamb	**Good**	**0.3**	**Light Grey**
Attendance Office / Sheetrock Wall	Good	0	Light Grey
Attendance Office / Metal Piping	**Good**	**0.2**	**Light Grey**
Attendance Office / Metal Electrical Panel	**Good**	**0.4**	**Light Grey**
Attendance Office / Metal Door	Good	0	Light Grey
Attendance Office / Metal Door Frame	**Good**	**4.4**	**Light Grey**
Nurse's Office / Plaster Wall	**5-10% Damage**	**0.5**	**Foam Green**
Nurse's Office / Plaster Wall (covered in canvas)	**5-10% Damage**	**1.6**	**Foam Green**
Nurse's Office / Wood Chair Rail	**Good**	**0.1**	**Foam Green**
Nurse's Office / Metal Door Frame	**5-10% Damage**	**1.0**	**Foam Green**
Nurse's Office / Metal Door Jamb	**5-10% Damage**	**2.0**	**Foam Green**
Nurse's Office / Metal Piping	**Good**	**0.4**	**Foam Green**
Nurse's Office / Wood Baseboard	**5-10% Damage**	**0.1**	**Foam Green**
Nurse's Office / Sheetrock Wall	5-10% Damage	-0.1	Foam Green
Nurse's Office / Sheetrock Wall	5-10% Damage	0	White

Summary of XRF Testing
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Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Nurse's Office / Wood Molding	**Good**	**0.2**	**Foam Green**
Nurse's Office / Metal Vent Grate	**Good**	**0.1**	**Foam Green**
Nurse's Office / Metal AC Unit	Good	0	White
Principal's Office / Wood Chair Rail	**Good**	**0.2**	**Blue Grey**
Principal's Office /Wood Window Sill	**Good**	**0.1**	**Blue Grey**
Principal's Office / Wood Window Sash	**Good**	**0.1**	**Blue Grey**
Principal's Office / Metal Radiator	Good	-0.1	Grey
Principal's Conference Room / Plaster Wall	**Good**	**0.8**	**Baby Blue**
Principal's Conference Room / Wood Molding	**Good**	**0.2**	**Baby Blue**
Principal's Conference Room / Metal Vault Door	**5-10% Damage**	**7.8**	**White**
Principal's Conference Room / Metal Vault Door	**Good**	**6.1**	**Black**
Principal's Conference Room / Metal Vault Door Frame	**Good**	**8.0**	**White**
Principal's Conference Room / Metal Vault Door Frame	**5-10% Damage**	**1.7**	**Black**
Principal's Conference Room / Metal Vault Door Jamb	**Good**	**>9.9**	**White**
Principal's Conference Room / Metal Vault Wall	**15-25% Damage**	**7.9**	**Black**
Principal's Conference Room / Metal Vault Inner Door	**Good**	**2.2**	**Black**
Principal's Conference Room / Metal Vault Built In Shelves	**Good**	**0.4**	**Olive**
Main Entrance / Wood Front Door	**5-10% Damage**	0	**Black**
Main Entrance / Wood Front Door Frame	**5-10% Damage**	**>9.9**	**Black**
Main Entrance / Wood Front Door Jamb	**5-10% Damage**	**2.0**	**Black**
Principal Office Set / Plaster Closet Wall	**Good**	**0.4**	**Blue Green**
Principal Office Set / Plaster Closet Wall (covered in canvas	**5-10% Damage**	**1.8**	**Blue Green**
Principal Office Set / Wood Closet Baseboard	Good	0	Blue Green
Principal Office Set / Metal Closet Door Frame	**5-10% Damage**	**3.7**	**Dark Olive**
Principal Office Set / Metal Closet Door Jamb	**5-10% Damage**	**3.9**	**Dark Olive**
Principal Office Set / Metal Closet Piping	**25-50% Damage**	**1.5**	**Blue Green**
Room 115 / Plexiglass Window	Good	-0.1	Black
Room 115 / Metal Door Jamb	**Good**	**3.5**	**Light Green**
Heritage Office / Wood Floor	5-10% Damage	0	Light Green
Heritage Office / Wood Floor	5-10% Damage	0	White
Heritage Office / Metal Radiator	**Good**	**1.1**	**Light Green**
Heritage Office / Wood Baseboard	5-10% Damage	-0.1	Light Green
Heritage Office / Plaster Wall	5-10% Damage	-0.1	Light Green
Heritage Office / Wood Chair Rail	**5-10% Damage**	**0.5**	**Light Green**

Summary of XRF Testing
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Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Heritage Office / Wood Crown Molding	**Good**	**0.1**	**Light Green**
Heritage Office / Metal Door Frame	**Good**	**1.5**	**Light Green**
Heritage Office / Wood Window Frame	Good	0	Light Green
Heritage Office / Wood Window Sill	Good	0	Light Green
Heritage Office / Wood Window Sash	**Good**	**0.1**	**Light Green**
Heritage Office / Metal Piping	**Good**	**1.2**	**Light Green**
1st Floor Women's Room / Concrete Block Wall	**Good**	**0.2**	**White**
1st Floor Women's Room / Wood Window Sill	Good	-0.1	Black
1st Floor Women's Room / Wood Window Sash	Good	0	Black
1st Floor Women's Room / Plaster Wall	**15-25% Damage**	**1.2**	**Brown**
1st Floor Women's Room / Plaster Wall	Good	0	Black
1st Floor Women's Room / Radiator	**Good**	**0.3**	**Black**
1st Floor Faculty Room / Plaster Wall	**10-15% Damage**	**0.2**	**Bright Blue**
1st Floor Faculty Room / Wood Baseboard	**Good**	**0.5**	**Bright Blue**
1st Floor Faculty Room / Wood Chair Rail	**Good**	**0.2**	**Bright Blue**
1st Floor Faculty Room / Metal Window Frame	**Good**	**0.5**	**Bright Blue**
1st Floor Faculty Room / Wood Window Sill	**Good**	**0.3**	**Bright Blue**
1st Floor Faculty Room / Wood Window Sash	**Good**	**0.3**	**Bright Blue**
1st Floor Faculty Room / Metal Piping	**Good**	**0.9**	**Bright Blue**
1st Floor Faculty Room / Plaster Wall	Good	0	Light Blue
1st Floor Faculty Room / Plaster Ceiling	**Good**	**0.7**	**Light Blue**
Auditorium / Wood Stage Floor	10-15% Damage	-0.1	Black
Auditorium / Metal Radiator	**10-15% Damage**	**0.2**	**White**
Auditorium / Plaster Wall	**10-15% Damage**	**1.0**	**Black**
Auditorium / Panel Wall	10-15% Damage	-0.2	Black
Auditorium / Panel Wall	10-15% Damage	-0.1	Light Grey
Auditorium / Plaster Wall (covered in canvas)	**10-15% Damage**	**0.7**	**Light Grey**
Auditorium / Wood Stage Floor	**10-15% Damage**	**0.3**	**White**
Auditorium / Wood Stage Floor	10-15% Damage	-0.1	Grey
Auditorium / Wood Stage Floor	**10-15% Damage**	**0.2**	**Peach**
Auditorium / Wood Stage Floor	10-15% Damage	0	Beige
Auditorium Back Hallway / Sheetrock Wall	**25-50% Damage**	**0.3**	**Grey**
Auditorium Back Hallway / Metal Closet Door Frame	**Good**	**0.5**	**Grey**
Auditorium Back Hallway / Metal Closet Door Jamb	**Good**	**0.4**	**Grey**
Auditorium Back Hallway / Wood Closet Door	10-15% Damage	0	Light Blue
Auditorium Back Hallway / Wood Closet Built In Shelves	Good	-0.4	Grey
Auditorium Tool Storeroom / Panel Wall	**15-25% Damage**	**0.2**	**Pink**
Auditorium Tool Storeroom / Plaster Ceiling	10-15% Damage	0	Pink
Auditorium Tool Storeroom / Panel Toolboard	10-15% Damage	0	Silver

Summary of XRF Testing
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Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Auditorium Tool Storeroom / Wood Built In Cabinets	10-15% Damage	-0.1	Pink
Auditorium Tool Storeroom / Wood Built In Shelves	10-15% Damage	0	Dark Grey
Auditorium Tool Storeroom / Metal Door Frame	**10-15% Damage**	**0.6**	**Pink**
Auditorium Tool Storeroom / Metal Door Jamb	10-15% Damage	0	Olive
Auditorium Tool Storeroom / Metal Door	10-15% Damage	-0.1	Green
Auditorium Prop/Set Storage Room / Panel Walls	Good	0	Light Yellow
Auditorium Prop/Set Storage Room / Wood Shelving	Good	-0.1	Light Yellow
Auditorium Prop/Set Storage Room / Wood Door Frame	Good	-0.1	Light Yellow
Auditorium Prop/Set Storage Room / Wood Door Jamb	**Good**	**0.2**	**Light Yellow**
Auditorium Prop/Set Storage Room / Metal Door Frame	**Good**	**0.8**	**Light Yellow**
Auditorium Prop/Set Storage Room / Metal Door Jamb	**Good**	**1.0**	**Light Yellow**
Auditorium Prop/Set Storage Room / Panel Door	**10-15% Damage**	**0.2**	**Light Blue**
Auditorium Tech Room / Panel Walls	10-15% Damage	-0.1	Dark Brown
Auditorium Tech Room /Panel Built In Cabinets	**Good**	**0.5**	**Dark Brown**
Auditorium Tech Room / Wood Mirror Trim	**Good**	**0.3**	**Dark Brown**
Auditorium Tech Room / Metal Door Frame	**Good**	**0.6**	**Dark Brown**
Auditorium Tech Room / Metal Door Jamb	**Good**	**1.2**	**Dark Brown**
Auditorium Tech Room /Metal Electrical Panel	**Good**	**0.5**	**Black**
Auditorium Tech Room / Metal Ductwork	**Good**	**0.8**	**Grey**
Auditorium Back Stairwell / Sheetrock Wall	**Good**	**0.5**	**Forest Green**
Auditorium Back Stairwell / Metal Door Frame	**Good**	**1.7**	**Forest Green**
Auditorium Back Stairwell / Metal Door Jamb	**Good**	**0.4**	**Forest Green**
Auditorium Back Stairwell / Metal Stair Riser	**Good**	**1.8**	**Light Blue**
Auditorium Back Stairwell / Metal Stair Stringer	**Good**	**3.2**	**Light Blue**
Room 57 / Plaster Walls	**10-15% Damage**	**0.7**	**Beige**
Room 57 / Plaster Walls	10-15% Damage	0	Light Green
Room 57 / Plaster Walls	**10-15% Damage**	**0.6**	**Green**
Room 57 / Wood Chair Rail	**10-15% Damage**	**0.4**	**Beige**
Room 57 /Wood Baseboard	**10-15% Damage**	**0.4**	**Beige**
Room 57 / Metal Piping	**10-15% Damage**	**1.2**	**Beige**
Room 57 / Wood Crown Molding	**Good**	**0.4**	**Beige**
Room 57 / Plaster Ceiling	Good	-0.1	Beige
Room 57 / Metal Radiator	**10-15% Damage**	**1.1**	**Dark Brown**
Room 57 / Wood Window Sill	10-15% Damage	0	Beige
Room 57 /Wood Window Sash	**10-15% Damage**	**0.2**	**Beige**
Room 57 / Wood Window Frame	**10-15% Damage**	**0.8**	**Beige**

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Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Room 57 / Metal Door	**10-15% Damage**	**0.3**	**Dark Brown**
Room 57 / Wood Door	10-15% Damage	0	Beige
Room 57 / Metal Door Frame	**10-15% Damage**	**1.8**	**Beige**
Room 57 / Metal Door Jamb	**10-15% Damage**	**1.3**	**Light Blue**
Room 57 / Metal Door Jamb	**10-15% Damage**	**2.0**	**Black**
Room 57 / Metal Piping	**25-50% Damage**	**0.4**	**Green**
Room 57 / Wood Baseboard	**15-25% Damage**	**0.1**	**Green**
Room 57 / Metal Cabinets	**10-15% Damage**	**1.9**	**Lime Green**
Room 57 / Metal Cabinet Doors	**10-15% Damage**	**1.1**	**Orange**
Room 57 / Metal Closet Door Jamb	**10-15% Damage**	**2.2**	**Green**
Room 57 / Metal Closet Door Frame	**10-15% Damage**	**0.8**	**Light Yellow**
Room 57 / Plaster Closet Walls	**>50% Damage**	**0.4**	**Light Yellow**
Room 57 / Wood Built In Closet Shelves	10-15% Damage	0	Light Yellow
Room 57 / Plaster Closet Ceiling	10-15% Damage	-0.1	Light Yellow
Room 57 / Metal Closet Piping	**Good**	**0.9**	**Light Yellow**
Room 58 / Plaster Wall (covered in canvas)	**10-15% Damage**	**1.7**	**Beige**
Room 58 / Metal Radiators	**Good**	**0.5**	**Light Brown**
Room 58 / Metal Piping	**10-15% Damage**	**0.6**	**Silver**
Room 58 / Wood Door	10-15% Damage	-0.1	Beige
Room 58 / Metal Closet Piping	**10-15% Damage**	**0.4**	**Grey**
Room 58 / Metal Closet Piping	**10-15% Damage**	**0.8**	**Light Brown**
Room 58 / Plaster Closet Walls	**10-15% Damage**	**0.6**	**Light Brown**
Room 58 / Plaster Closet Ceiling	**10-15% Damage**	**0.5**	**Light Brown**
Room 58 / Wood Closet Floor Threshold	**10-15% Damage**	**0.4**	**Grey**
Room 58 / Wood Closet Floor	**10-15% Damage**	**0.2**	**Grey**
Room 58 / Wood Closet Baseboard	**10-15% Damage**	**0.6**	**Grey**
Room 58A / Plaster Wall	**10-15% Damage**	**1.5**	**Dark Brown**
Room 58A / Plaster Wall (covered in canvas)	**10-15% Damage**	**0.7**	**Light Blue**
Cafeteria / Plaster Wall	**10-15% Damage**	**0.4**	**Blue**
Cafeteria / Plaster Wall	10-15% Damage	-0.1	Beige
Cafeteria / Plaster Wall	**10-15% Damage**	**0.4**	**Light Blue**
Cafeteria / Plaster Wall	**10-15% Damage**	**0.5**	**Pink**
Cafeteria / Plaster Wall	**10-15% Damage**	**0.7**	**Orange**
Cafeteria / Wood Chair Rail	**10-15% Damage**	**0.2**	**Blue**
Cafeteria / Plaster Ceiling	**10-15% Damage**	**0.1**	**Beige**
Cafeteria / Wood Chair Rail	Good	0	Pink
Cafeteria / Wood Door Frame	Good	0	Pink
Cafeteria / Metal Door Frame	**10-15% Damage**	0.6	Blue
Cafeteria / Metal Door Jamb	**10-15% Damage**	0.7	Blue
Cafeteria / Metal Door	**15-25% Damage**	0.7	Blue

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Cafeteria / Panel Door Topper	Good	0	Orange-Red
Cafeteria / Panel Wall Over Serving Area	Good	0	Dark Blue
Cafeteria / Handicap Ramp Sheetrock Halfwall	**Good**	**0.2**	**Beige**
Cafeteria / Handicap Ramp Wood Floor	**10-15% Damage**	**0.5**	**Grey**
Cafeteria / Handicap Ramp Metal Rail	**10-15% Damage**	**0.5**	**Dark Grey**
Cafeteria / Metal Radiator	**10-15% Damage**	**0.6**	**Blue**
Cafeteria / Metal Radiator	**10-15% Damage**	**0.4**	**Silver**
Cafeteria / Metal Radiator	**10-15% Damage**	**1.0**	**Grey**
Cafeteria / Metal Piping	Good	0	Blue
Cafeteria / Metal Piping	**Good**	**1.3**	**Light Blue**
Cafeteria / Wood Window Sill	10-15% Damage	0	Blue
Cafeteria / Wood Window Sash	10-15% Damage	0	Blue
Cafeteria / Wood Window Frame	10-15% Damage	-0.2	Blue
Cafeteria / Wood Window Sill	Good	0	Light Blue
Cafeteria / Wood Window Sash	Good	-0.1	Light Blue
Room 59 / Built In Wood Closet Bureau	**10-15% Damage**	**2.2**	**Slate Blue**
Room 59 / Plaster Closet Wall (covered in canvas)	**Good**	**1.6**	**Foam Green**
Room 59 / Wood Wall	**10-15% Damage**	**1.1**	**Foam Green**
Room 59 / Metal Closet Door Frame	**Good**	**2.9**	**Foam Green**
Room 59 / Metal Closet Door Jamb	**Good**	**1.7**	**Foam Green**
Room 59 / Wood Closet Molding	**Good**	**0.1**	**Foam Green**
Room 59 / Plaster Closet Wall	**Good**	**0.1**	**Foam Green**
Room 61 / Plaster Wall (covered in canvas)	**Good**	**1.5**	**Light Blue**
Room 63 / Plaster Wall	**Good**	**0.4**	**Dark Grey**
Ground Floor Women's Room / Concrete Block Wall	**Good**	**-0.2**	**Grey**
Ground Floor Women's Room / Metal Radiator	**Good**	**0.7**	**Grey**
Ground Floor Women's Room / Wood Window Sill	Good	0	Grey
Ground Floor Women's Room / Wood Window Sash	**Good**	**0.2**	**Grey**
Ground Floor Women's Room / Wood Window Trim	**Good**	**0.7**	**Grey**
Ground Floor Women's Room / Plaster Wall	**Good**	**0.2**	**Grey**
Electrical Office / Plaster Wall	**Good**	**0.2**	**Light Green**
Electrical Office / Plaster Wall	**10-15% Damage**	**0.1**	**Sea Green**
Electrical Office / Wood Chair Rail	10-15% Damage	0	Sea Green
Electrical Office / Wood Baseboard	10-15% Damage	-0.1	Sea Green
Electrical Office / Wood Molding	**Good**	**0.2**	**Light Green**
Electrical Office / Metal Door Frame	**10-15% Damage**	**2.4**	**Light Green**
Electrical Office / Metal Door Frame	**10-15% Damage**	**1.1**	**Sea Green**
Electrical Office / Metal Door Jamb	**10-15% Damage**	**1.7**	**Sea Green**
Electrical Office / Metal Piping	**10-15% Damage**	**0.3**	**Sea Green**
Electrical Office / Metal Piping	**10-15% Damage**	**0.6**	**Light Green**

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Electrical Office / Metal Radiator	**10-15% Damage**	**0.7**	**Sea Green**
Electrical Office / Wood Window Sash	10-15% Damage	0	Sea Green
Ground Floor Hallway / Metal Stair Rail	**Good**	**1.2**	**Black**
Ground Floor Hallway / Metal Stair Gate	**Good**	**1.2**	**Burgundy**
Ground Floor Hallway / Brick Wall	**Good**	**0.5**	**White**
Ground Floor Storage Room / Wood Wall	Good	-0.1	Yellow
Ground Floor Storage Room / Plaster Wall	**Good**	**0.4**	**Yellow**
Ground Floor Storage Room / Wood Baseboard	Good	0	Yellow
Ground Floor Storage Room / Wood Baseboard	Good	-0.1	Peach
Ground Floor Storage Room / Wood Door Frame	**Good**	**0.2**	**Peach**
Ground Floor Storage Room / Wood Door Jamb	**Good**	**0.3**	**Yellow**
Ground Floor Storage Room / Wood Door	Good	0	Yellow
Ground Floor Storage Room / Metal Door Frame	**Good**	**3.9**	**Yellow**
Ground Floor Math Storage Room / Brick Wall	10-15% Damage	-0.1	Blue
Ground Floor Math Storage Room / Panel Wall	Good	-0.1	Blue
Ground Floor Math Storage Room / Wood Baseboard	10-15% Damage	0	Blue
Ground Floor Math Storage Room / Wood Door Frame	Good	0	Blue
Gym / Plaster Wall	**25-50% Damage**	**0.4**	**Beige**
Gym / Plaster Ceiling	>50% Damage	-0.1	Beige
Gym / Brick Wall	**25-50% Damage**	**0.7**	**Beige**
Gym / Panel Divider	Good	-0.1	Beige
Gym / Panel Wall	Good	0	Blue
Basement Back Hall / Concrete Wall	**10-15% Damage**	**0.7**	**Blue**
Basement Back Hall / Concrete Wall	**10-15% Damage**	**0.3**	**Grey Blue**
Basement Back Hall / Concrete Wall	**10-15% Damage**	**0.2**	**Light Yellow**
Basement Back Hall / Concrete Wall	**Good**	**0.3**	**White**
Women's Locker Room / Plaster Wall	10-15% Damage	0	Light Blue
Women's Locker Room / Concrete Block Wall	10-15% Damage	0	Light Blue
Women's Locker Room / Wood Shelf	10-15% Damage	0	Light Blue
Women's Locker Room / Metal Door Frame	**10-15% Damage**	**2.1**	**Light Blue**
Women's Locker Room / Metal Door Jamb	**10-15% Damage**	**2.2**	**Light Blue**
Women's Locker Room / Concrete Floor	10-15% Damage	-0.3	Grey
Women's Locker Room / Metal Radiator	**10-15% Damage**	**0.5**	**Light Blue**
Women's Locker Room / Metal Pipe	**10-15% Damage**	**0.4**	**Light Blue**
Women's Locker Room / Metal Window Frame	**10-15% Damage**	**0.3**	**Light Blue**
Women's Locker Room / Metal Window Sash	10-15% Damage	0	Light Blue
Stairwell C / Concrete Stair Tread	**>50% Damage**	**0.1**	**Grey**
Stairwell C / Concrete Stair Riser	**>50% Damage**	**0.2**	**Grey**
Stairwell C / Metal Stair Tread	**15-25% Damage**	**0.1**	**Black**

Summary of XRF Testing
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

Location/ Description	Paint Condition	XRF Reading (mg/cm^2)	Color/ Comments
Stairwell C / Metal Stair Riser	15-25% Damage	1.5	Black
Stairwell C / Wood Stair Rail	15-25% Damage	0.3	Black
Stairwell C / Metal Stair Balusters	15-25% Damage	1.1	Black
Stairwell C / Metal Stair Newell Post	15-25% Damage	2.1	Black
Stairwell C / Metal Stair Newell Post Cap	15-25% Damage	2.5	Black
Stairwell C / Metal Stair Stringer	25-50% Damage	2.5	Black
Stairwell C / Metal Stair Stringer	10-15% Damage	2.1	White
Stairwell C / Metal Stair Riser	Good	1.5	White
Stairwell C / Metal Stair Tread	Good	1.7	White

O. PCB LABORATORY ANALYTICAL REPORTS

SUMMARY OF PCB CONTAINING MATERIALS Old Quincy High School 65 Coddington Street Quincy, Massachusetts		
MATERIAL	**LOCATION**	**CONCENTRATION (PPM)**
Brown Window Caulking on Brown Metal Window	Exterior Windows	None Detected
Brown Window Caulking on Brown Metal Window	Exterior Windows	None Detected
Black Glazing on Plexiglass in Brown Metal Windows	Exterior Windows	None Detected
Black Glazing on Plexiglass in Brown Metal Windows	Exterior Windows	None Detected
Grey Window Caulking on Grey Metal Windows	Exterior Windows	0.494
Grey Window Caulking on Grey Metal Windows	Exterior Windows	0.393
White Window Glazing on Grey Metal Windows	Exterior Windows	None Detected
White Window Glazing on Grey Metal Windows	Exterior Windows	None Detected
White Window Caulking, Top Layer, Old Wood Windows	Exterior Windows	None Detected
White Window Caulking, Top Layer, Old Wood Windows	Exterior Windows	2.84
Grey Window Caulking, 2nd Layer, Old Wood Windows	Exterior Windows	0.395
Grey Window Caulking, 2nd Layer, Old Wood Windows	Exterior Windows	2.34
Black Rubber Caulking @ Wood Framed Broken Window	Exterior Windows	3.07
White Seam Filler above window @ Stone/Brick	Exterior Windows	0.101
Grey Rubber expansion caulking @ Foundation/Concrete	Building Foundation	None Detected
Black Mastic on Brick Foundation	Building Foundation	None Detected
White Rubber Sealant on Metal Flashing at Foundation	Building Foundation	None Detected
Blue Paint	Stairwell	None Detected
White Paint	Stairwell	3.39

SUMMARY OF PCB CONTAINING MATERIALS
Old Quincy High School
65 Coddington Street
Quincy, Massachusetts

MATERIAL	LOCATION	CONCENTRATION (PPM)
Tan Paint	Stairwell	None Detected

CERTIFICATE OF ANALYSIS

Bill McBirney
ESIS, Inc.
33 Arch Street, Suite 2900
Boston, MA 02110

RE: OQHS (1076-728)
ESS Laboratory Work Order Number: 1109120

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

SAMPLE RECEIPT

The following samples were received on September 12, 2011 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	SampleName	Matrix	Analysis
1109120-01	Blue Paint on Brick-1A	Solid	8082A
1109120-02	White Paint on Brick-2A	Solid	8082A
1109120-03	Tan Paint on Brick-3A	Solid	8082A

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

PROJECT NARRATIVE

8082A Polychlorinated Biphenyls (PCB)

1109120-01	**Elevated method reporting limits due to limited sample volume.**
1109120-02	**Elevated method reporting limits due to limited sample volume.**
1109120-03	**Elevated method reporting limits due to limited sample volume.**

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Blue Paint on Brick-1A
Date Sampled: 09/02/11 16:00
Percent Solids: N/A
Initial Volume: 0.33
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109120
ESS Laboratory Sample ID: 1109120-01
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1221	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1232	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1242	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1248	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1254	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1260	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1262	ND (3.03)		1	09/13/11 19:36		CI11219
Aroclor 1268	ND (3.03)		1	09/13/11 19:36		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*91 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*78 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*76 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Paint on Brick-2A
Date Sampled: 09/02/11 16:10
Percent Solids: N/A
Initial Volume: 1.25
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109120
ESS Laboratory Sample ID: 1109120-02
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1221	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1232	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1242	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1248	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1254	**3.39** (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1260	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1262	ND (0.800)		1	09/13/11 19:55		CI11219
Aroclor 1268	ND (0.800)		1	09/13/11 19:55		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*98 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*92 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*89 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Tan Paint on Brick-3A
Date Sampled: 09/02/11 16:20
Percent Solids: N/A
Initial Volume: 0.28
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109120
ESS Laboratory Sample ID: 1109120-03
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1221	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1232	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1242	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1248	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1254	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1260	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1262	ND (3.57)		1	09/13/11 20:14		CI11219
Aroclor 1268	ND (3.57)		1	09/13/11 20:14		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*91 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*84 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*87 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Blank										
Aroclor 1016	ND	0.0500	mg/kg wet							
Aroclor 1016 (1)	ND	0.0500	mg/kg wet							
Aroclor 1016 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (2)	ND	0.0500	mg/kg wet							
Aroclor 1016 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (3)	ND	0.0500	mg/kg wet							
Aroclor 1016 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (4)	ND	0.0500	mg/kg wet							
Aroclor 1016 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (5)	ND	0.0500	mg/kg wet							
Aroclor 1016 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221	ND	0.0500	mg/kg wet							
Aroclor 1221 (1)	ND	0.0500	mg/kg wet							
Aroclor 1221 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (2)	ND	0.0500	mg/kg wet							
Aroclor 1221 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (3)	ND	0.0500	mg/kg wet							
Aroclor 1221 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (4)	ND	0.0500	mg/kg wet							
Aroclor 1221 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (5)	ND	0.0500	mg/kg wet							
Aroclor 1221 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232	ND	0.0500	mg/kg wet							
Aroclor 1232 (1)	ND	0.0500	mg/kg wet							
Aroclor 1232 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (2)	ND	0.0500	mg/kg wet							
Aroclor 1232 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (3)	ND	0.0500	mg/kg wet							
Aroclor 1232 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (4)	ND	0.0500	mg/kg wet							
Aroclor 1232 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (5)	ND	0.0500	mg/kg wet							
Aroclor 1232 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242	ND	0.0500	mg/kg wet							
Aroclor 1242 (1)	ND	0.0500	mg/kg wet							
Aroclor 1242 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (2)	ND	0.0500	mg/kg wet							
Aroclor 1242 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (3)	ND	0.0500	mg/kg wet							
Aroclor 1242 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (4)	ND	0.0500	mg/kg wet							
Aroclor 1242 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (5)	ND	0.0500	mg/kg wet							
Aroclor 1242 (5) [2C]	ND	0.0500	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Aroclor 1248	ND	0.0500	mg/kg wet							
Aroclor 1248 (1)	ND	0.0500	mg/kg wet							
Aroclor 1248 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (2)	ND	0.0500	mg/kg wet							
Aroclor 1248 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (3)	ND	0.0500	mg/kg wet							
Aroclor 1248 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (4)	ND	0.0500	mg/kg wet							
Aroclor 1248 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (5)	ND	0.0500	mg/kg wet							
Aroclor 1248 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254	ND	0.0500	mg/kg wet							
Aroclor 1254 (1)	ND	0.0500	mg/kg wet							
Aroclor 1254 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (2)	ND	0.0500	mg/kg wet							
Aroclor 1254 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (3)	ND	0.0500	mg/kg wet							
Aroclor 1254 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (4)	ND	0.0500	mg/kg wet							
Aroclor 1254 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (5)	ND	0.0500	mg/kg wet							
Aroclor 1254 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260	ND	0.0500	mg/kg wet							
Aroclor 1260 (1)	ND	0.0500	mg/kg wet							
Aroclor 1260 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (2)	ND	0.0500	mg/kg wet							
Aroclor 1260 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (3)	ND	0.0500	mg/kg wet							
Aroclor 1260 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (4)	ND	0.0500	mg/kg wet							
Aroclor 1260 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (5)	ND	0.0500	mg/kg wet							
Aroclor 1260 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262	ND	0.0500	mg/kg wet							
Aroclor 1262 (1)	ND	0.0500	mg/kg wet							
Aroclor 1262 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (2)	ND	0.0500	mg/kg wet							
Aroclor 1262 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (3)	ND	0.0500	mg/kg wet							
Aroclor 1262 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (4)	ND	0.0500	mg/kg wet							
Aroclor 1262 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (5)	ND	0.0500	mg/kg wet							
Aroclor 1262 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268	ND	0.0500	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Aroclor 1268 (1)	ND	0.0500	mg/kg wet							
Aroclor 1268 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (2)	ND	0.0500	mg/kg wet							
Aroclor 1268 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (3)	ND	0.0500	mg/kg wet							
Aroclor 1268 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (4)	ND	0.0500	mg/kg wet							
Aroclor 1268 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (5)	ND	0.0500	mg/kg wet							
Aroclor 1268 (5) [2C]	ND	0.0500	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0218*		mg/kg wet	*0.02500*		*87*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0199*		mg/kg wet	*0.02500*		*80*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0201*		mg/kg wet	*0.02500*		*80*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0207*		mg/kg wet	*0.02500*		*83*	*30-150*			
LCS										
Aroclor 1016	0.608	0.0500	mg/kg wet	0.5000		122	40-140			
Aroclor 1260	0.616	0.0500	mg/kg wet	0.5000		123	40-140			
Surrogate: Decachlorobiphenyl	*0.0239*		mg/kg wet	*0.02500*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0219*		mg/kg wet	*0.02500*		*88*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0251*		mg/kg wet	*0.02500*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0240*		mg/kg wet	*0.02500*		*96*	*30-150*			
LCS Dup										
Aroclor 1016	0.616	0.0500	mg/kg wet	0.5000		123	40-140	1	30	
Aroclor 1260	0.632	0.0500	mg/kg wet	0.5000		126	40-140	3	30	
Surrogate: Decachlorobiphenyl	*0.0239*		mg/kg wet	*0.02500*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0222*		mg/kg wet	*0.02500*		*89*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0252*		mg/kg wet	*0.02500*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0240*		mg/kg wet	*0.02500*		*96*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

Notes and Definitions

U	Analyte included in the analysis, but not detected
4	Elevated method reporting limits due to limited sample volume.
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109120

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)
A2LA Accredited: Testing Cert# 2864.01
http://www.a2la.org/scopepdf/2864-01.pdf

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI0002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited) Potable and Non PotableWater, Solid and Hazardous Waste: 2424
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: ESIS
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 11090120
Date Project Due: 9/14/11
Days For Project: 2 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present? *** No**
   Air No.:
2. Were Custody Seals Present? **No**
3. Were Custody Seals Intact? **N/A**
4. Is Radiation count < 100 CPM? **Yes**
5. Is a cooler present? **Yes**
   Cooler Temp: **5.6**
   Iced With: **Ice**
6. Was COC included with samples? **Yes**
7. Was COC signed and dated by client? **Yes**
8. Does the COC match the sample **Yes**
9. Is COC complete and correct? **Yes**
10. Are the samples properly preserved? **Yes**
11. Proper sample containers used? **Yes**
12. Any air bubbles in the VOA vials? **N/A**
13. Holding times exceeded? **No**
14. Sufficient sample volumes? **Yes**
15. Any Subcontracting needed? **No**
16. Are ESS labels on correct containers? **Yes/No**
17. Were samples received intact? **Yes/No**
    ESS Sample IDs: _____
    Sub Lab: _____
    Analysis: _____
    TAT: _____
18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	4 oz Soil Jar	1	NP
2	Yes	4 oz Soil Jar	1	NP
3	Yes	4 oz Soil Jar	1	NP

Completed By: CLP Date/Time: 9/12/11
Reviewed By: STP Date/Time: 9/12-11

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time ___ Standard Other 48 HR
If faster than 5 days, prior approval by laboratory is required # _____

State where samples were collected from:
(MA) RI CT NH NJ NY ME Other _____

Is this project for any of the following:
MA-MCP Navy USACE Other _____

Reporting Limits

ESS LAB PROJECT ID 1109120

Electronic Deliverable Yes ✓ No ___
Format: Excel ___ Access ___ PDF ✓ Other _____

Co. Name	Project #	Project Name (20 Char. or less)
ESIS	1076.728	OQHS

Contact Person	Address
Bill McBirney	33 Arch St, Suite 2900

City	State	Zip	PO#
Boston	MA	02110	

Telephone #	Fax #	Email Address
857 452 6014	617 737 8574	william.mcbirney@esis.com

Circle and/or Write Required Analysis

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA / 624 / 524.2	8021 MTBE/BTEX / 8015 GRO / VPH w/targets	8100 TPH / 8015 DRO	EPH w/o PAHs / EPH w/PAHs / EPH 4 Diesel	8081 Pesticides / 8082 PCB / 608 Pesticides / 608 PCB	8270 SVOA / 625 / PAH 8270	RCRA5 / RCRA8 / PP13 / TAL23	TCLP-RCRA8 / NBC7	MCP-METALS (13) / MCP-METALS (13) w/Hg					
1	9/2/11	400 pm		X		Blue paint on Brick - 1A		1	G					X									
2	↓	410 pm		X		White paint on Brick - 2A		1	G					X									
3	↓	420 pm		X		Tan paint on Brick - 3A		1	G					X									

Container Type: P-Poly G-Glass S-Sterile V-VOA

Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ___ Yes ___ No

Seals Intact ___ Yes ___ No NA: ___

Cooler Temp: 5.6°C

Internal Use Only
[ ] Pickup
[ ] Technicians _____

Preservation Code 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- _____

Sampled by:

Comments: PCB 3540/8082

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	9/12 7am	[signature]	9/12/11 7:20	[signature]	9/12/11 8:40	[signature]	9/12/11 0930
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

CERTIFICATE OF ANALYSIS

Bill McBirney
ESIS, Inc.
33 Arch Street, Suite 2900
Boston, MA 02110

RE: OQHS (1076-728)
ESS Laboratory Work Order Number: 1109121

This signed Certificate of Analysis is our approved release of your analytical results. These results are only representative of sample aliquots received at the laboratory. ESS Laboratory expects its clients to follow all regulatory sampling guidelines. Beginning with this page, the entire report has been paginated. This report should not be copied except in full without the approval of the laboratory. Samples will be disposed of thirty days after the final report has been delivered. If you have any questions or concerns, please feel free to call our Customer Service Department.

Laurel Stoddard
Laboratory Director

Analytical Summary
The project as described above has been analyzed in accordance with the ESS Quality Assurance Plan. This plan utilizes the following methodologies: US EPA SW-846, US EPA Methods for Chemical Analysis of Water and Wastes per 40 CFR Part 136, APHA Standard Methods for the Examination of Water and Wastewater, American Society for Testing and Materials (ASTM), and other recognized methodologies. The analyses with these noted observations are in conformance to the Quality Assurance Plan. In chromatographic analysis, manual integration is frequently used instead of automated integration because it produces more accurate results.

ESS Laboratory certifies that the test results meet the requirements of NELAC and A2LA, except where noted within this project narrative.

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

SAMPLE RECEIPT

The following samples were received on September 12, 2011 for the analyses specified on the enclosed Chain of Custody Record.

Lab Number	SampleName	Matrix	Analysis
1109121-01	Brown Window Caulking on Brown Metal Window	Solid	8082A
1109121-02	Brown Window Caulking on Brown Metal Window	Solid	8082A
1109121-03	Black Glazing on Plexiglass in Brown Metal Windows	Solid	8082A
1109121-04	Black Glazing on Plexiglass in Brown Metal Windows	Solid	8082A
1109121-05	Gray Window Caulking on Gray Metal Windows	Solid	8082A
1109121-06	Gray Window Caulking on Gray Metal Windows	Solid	8082A
1109121-07	White Window Glazing on Gray Metal Windows	Solid	8082A
1109121-08	White Window Glazing on Gray Metal Windows	Solid	8082A
1109121-09	White Window Caulking Top Layer Old Wood Windows	Solid	8082A
1109121-10	White Window Caulking Top Layer Old Wood Windows	Solid	8082A
1109121-11	Gray Window Caulking 2nd Layer Old Wood Windows	Solid	8082A
1109121-12	Gray Window Caulking 2nd Layer Old Wood Windows	Solid	8082A
1109121-13	Black Rubber Caulking in Wood Framed Broken Window	Solid	8082A
1109121-14	White Seam Filler Above Window at Stone Brick	Solid	8082A
1109121-15	Gray Rubber Expansion Caulking at Foundation Concrete	Solid	8082A
1109121-16	Black Mastic on Brick Foundation	Solid	8082A
1109121-17	White Rubber Sealant on Metal Flashing at Foundation	Solid	8082A

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

PROJECT NARRATIVE

8082A Polychlorinated Biphenyls (PCB)

1109121-01	**Elevated method reporting limits due to limited sample volume.**
1109121-02	**Elevated method reporting limits due to limited sample volume.**
1109121-03	**Elevated method reporting limits due to limited sample volume.**
1109121-04	**Elevated method reporting limits due to limited sample volume.**
1109121-05	**Elevated method reporting limits due to limited sample volume.**
1109121-06	**Elevated method reporting limits due to limited sample volume.**
1109121-07	**Elevated method reporting limits due to limited sample volume.**
1109121-08	**Elevated method reporting limits due to limited sample volume.**
1109121-09	**Elevated method reporting limits due to limited sample volume.**
1109121-10	**Elevated method reporting limits due to limited sample volume.**
1109121-11	**Elevated method reporting limits due to limited sample volume.**
1109121-12	**Elevated method reporting limits due to limited sample volume.**
1109121-13	**Elevated method reporting limits due to limited sample volume.**
1109121-14	**Elevated method reporting limits due to limited sample volume.**
1109121-15	**Elevated method reporting limits due to limited sample volume.**
1109121-16	**Elevated method reporting limits due to limited sample volume.**
1109121-17	**Elevated method reporting limits due to limited sample volume.**

No other observations noted.

End of Project Narrative.

DATA USABILITY LINKS

Definitions of Quality Control Parameters

Semivolatile Organics Internal Standard Information

Semivolatile Organics Surrogate Information

Volatile Organics Internal Standard Information

Volatile Organics Surrogate Information

EPH and VPH Alkane Lists

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Brown Window Caulking on Brown Metal Window
Date Sampled: 09/02/11 14:00
Percent Solids: N/A
Initial Volume: 1.39
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-01
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1221	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1232	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1242	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1248	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1254	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1260	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1262	ND (0.719)		1	09/13/11 20:32		CI11219
Aroclor 1268	ND (0.719)		1	09/13/11 20:32		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*79 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*74 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*81 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*82 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Brown Window Caulking on Brown Metal Window
Date Sampled: 09/02/11 14:05
Percent Solids: N/A
Initial Volume: 0.63
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-02
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1221	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1232	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1242	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1248	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1254	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1260	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1262	ND (1.59)		1	09/13/11 20:51		CI11219
Aroclor 1268	ND (1.59)		1	09/13/11 20:51		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*82 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*78 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*79 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Black Glazing on Plexiglass in Brown Metal
Date Sampled: 09/02/11 14:10
Percent Solids: N/A
Initial Volume: 1.3
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-03
Sample Matrix: Solid
Units: mg/kg wet
Analyst: SEP
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1221	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1232	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1242	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1248	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1254	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1260	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1262	ND (0.769)		1	09/14/11 12:19		CI11219
Aroclor 1268	ND (0.769)		1	09/14/11 12:19		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*79 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*88 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*68 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*130 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Black Glazing on Plexiglass in Brown Metal
Date Sampled: 09/02/11 14:15
Percent Solids: N/A
Initial Volume: 0.96
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-04
Sample Matrix: Solid
Units: mg/kg wet
Analyst: SEP
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1221	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1232	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1242	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1248	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1254	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1260	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1262	ND (1.04)		1	09/14/11 13:13		CI11219
Aroclor 1268	ND (1.04)		1	09/14/11 13:13		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*90 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*99 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*79 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*115 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Gray Window Caulking on Gray Metal Windows
Date Sampled: 09/02/11 14:20
Percent Solids: N/A
Initial Volume: 3.82
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-05
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1221	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1232	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1242	**0.494** (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1248	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1254	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1260	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1262	ND (0.262)		1	09/13/11 21:10		CI11219
Aroclor 1268	ND (0.262)		1	09/13/11 21:10		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*93 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*89 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*99 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*96 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Gray Window Caulking on Gray Metal Windows
Date Sampled: 09/02/11 14:25
Percent Solids: N/A
Initial Volume: 5.73
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-06
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1221	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1232	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1242	**0.393** (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1248	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1254	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1260	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1262	ND (0.175)		1	09/13/11 21:29		CI11219
Aroclor 1268	ND (0.175)		1	09/13/11 21:29		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*91 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*89 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*93 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*93 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Window Glazing on Gray Metal Windows
Date Sampled: 09/02/11 14:30
Percent Solids: N/A
Initial Volume: 0.53
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-07
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1221	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1232	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1242	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1248	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1254	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1260	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1262	ND (1.89)		1	09/13/11 21:48		CI11219
Aroclor 1268	ND (1.89)		1	09/13/11 21:48		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*96 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*91 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*93 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*94 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Window Glazing on Gray Metal Windows
Date Sampled: 09/02/11 14:35
Percent Solids: N/A
Initial Volume: 0.603
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-08
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1221	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1232	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1242	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1248	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1254	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1260	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1262	ND (1.66)		1	09/13/11 22:07		CI11219
Aroclor 1268	ND (1.66)		1	09/13/11 22:07		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*91 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*86 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*85 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*86 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Window Caulking Top Layer Old Wood
Date Sampled: 09/02/11 14:40
Percent Solids: N/A
Initial Volume: 2
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-09
Sample Matrix: Solid
Units: mg/kg wet
Analyst: SEP
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1221	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1232	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1242	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1248	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1254	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1260	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1262	ND (0.500)		1	09/14/11 10:47		CI11219
Aroclor 1268	ND (0.500)		1	09/14/11 10:47		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*90 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*89 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*78 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*102 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Window Caulking Top Layer Old Wood
Date Sampled: 09/02/11 14:45
Percent Solids: N/A
Initial Volume: 4.07
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-10
Sample Matrix: Solid
Units: mg/kg wet
Analyst: SEP
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1221	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1232	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1242	**1.31** (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1248	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1254	**1.53** (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1260	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1262	ND (0.246)		1	09/14/11 11:23		CI11219
Aroclor 1268	ND (0.246)		1	09/14/11 11:23		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*85 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*87 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*88 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*88 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Gray Window Caulking 2nd Layer Old Wood
Date Sampled: 09/02/11 14:50
Percent Solids: N/A
Initial Volume: 3.1
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-11
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1221	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1232	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1242	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1248	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1254	**0.395** (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1260	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1262	ND (0.323)		1	09/13/11 22:25		CI11219
Aroclor 1268	ND (0.323)		1	09/13/11 22:25		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*81 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*76 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*74 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*75 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Gray Window Caulking 2nd Layer Old Wood
Date Sampled: 09/02/11 14:55
Percent Solids: N/A
Initial Volume: 1.17
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-12
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1221	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1232	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1242	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1248	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1254	**2.34** (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1260	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1262	ND (0.855)		1	09/13/11 22:44		CI11219
Aroclor 1268	ND (0.855)		1	09/13/11 22:44		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*86 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*82 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*88 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*91 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Black Rubber Caulking in Wood Framed Broken Window
Date Sampled: 09/02/11 15:00
Percent Solids: N/A
Initial Volume: 5.7
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-13
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1221	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1232	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1242	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1248	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1254	**3.07** (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1260	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1262	ND (0.175)		1	09/13/11 23:03		CI11219
Aroclor 1268	ND (0.175)		1	09/13/11 23:03		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*73 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*70 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*70 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*85 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Seam Filler Above Window at Stone Brick
Date Sampled: 09/02/11 15:05
Percent Solids: N/A
Initial Volume: 10.3
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-14
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1221	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1232	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1242	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1248	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1254	**0.101** (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1260	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1262	ND (0.0971)		1	09/13/11 23:22		CI11219
Aroclor 1268	ND (0.0971)		1	09/13/11 23:22		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*91 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*91 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*99 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*99 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Gray Rubber Expansion Caulking at Foundation
Date Sampled: 09/02/11 15:10
Percent Solids: N/A
Initial Volume: 2
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-15
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1221	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1232	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1242	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1248	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1254	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1260	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1262	ND (0.500)		1	09/13/11 23:41		CI11219
Aroclor 1268	ND (0.500)		1	09/13/11 23:41		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*95 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*104 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*92 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*100 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: Black Mastic on Brick Foundation
Date Sampled: 09/02/11 15:15
Percent Solids: N/A
Initial Volume: 1.52
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-16
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1221	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1232	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1242	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1248	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1254	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1260	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1262	ND (0.658)		1	09/14/11 2:30		CI11219
Aroclor 1268	ND (0.658)		1	09/14/11 2:30		CI11219

	%Recovery	*Qualifier*	*Limits*
Surrogate: Decachlorobiphenyl	*79 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*77 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*78 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*84 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS
Client Sample ID: White Rubber Sealant on Metal Flashing at Entrance
Date Sampled: 09/02/11 15:20
Percent Solids: N/A
Initial Volume: 0.26
Final Volume: 10
Extraction Method: 3540

ESS Laboratory Work Order: 1109121
ESS Laboratory Sample ID: 1109121-17
Sample Matrix: Solid
Units: mg/kg wet
Analyst: ML
Prepared: 9/12/11 16:15
Cleanup Method: 3665A

8082A Polychlorinated Biphenyls (PCB)

Analyte	Results (MRL)	Limit	DF	Analyzed	Sequence	Batch
Aroclor 1016	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1221	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1232	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1242	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1248	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1254	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1260	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1262	ND (3.85)		1	09/14/11 0:00		CI11219
Aroclor 1268	ND (3.85)		1	09/14/11 0:00		CI11219

	%Recovery	Qualifier	Limits
Surrogate: Decachlorobiphenyl	*93 %*		*30-150*
Surrogate: Decachlorobiphenyl [2C]	*86 %*		*30-150*
Surrogate: Tetrachloro-m-xylene	*90 %*		*30-150*
Surrogate: Tetrachloro-m-xylene [2C]	*93 %*		*30-150*

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Blank										
Aroclor 1016	ND	0.0500	mg/kg wet							
Aroclor 1016 (1)	ND	0.0500	mg/kg wet							
Aroclor 1016 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (2)	ND	0.0500	mg/kg wet							
Aroclor 1016 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (3)	ND	0.0500	mg/kg wet							
Aroclor 1016 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (4)	ND	0.0500	mg/kg wet							
Aroclor 1016 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1016 (5)	ND	0.0500	mg/kg wet							
Aroclor 1016 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221	ND	0.0500	mg/kg wet							
Aroclor 1221 (1)	ND	0.0500	mg/kg wet							
Aroclor 1221 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (2)	ND	0.0500	mg/kg wet							
Aroclor 1221 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (3)	ND	0.0500	mg/kg wet							
Aroclor 1221 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (4)	ND	0.0500	mg/kg wet							
Aroclor 1221 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1221 (5)	ND	0.0500	mg/kg wet							
Aroclor 1221 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232	ND	0.0500	mg/kg wet							
Aroclor 1232 (1)	ND	0.0500	mg/kg wet							
Aroclor 1232 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (2)	ND	0.0500	mg/kg wet							
Aroclor 1232 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (3)	ND	0.0500	mg/kg wet							
Aroclor 1232 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (4)	ND	0.0500	mg/kg wet							
Aroclor 1232 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1232 (5)	ND	0.0500	mg/kg wet							
Aroclor 1232 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242	ND	0.0500	mg/kg wet							
Aroclor 1242 (1)	ND	0.0500	mg/kg wet							
Aroclor 1242 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (2)	ND	0.0500	mg/kg wet							
Aroclor 1242 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (3)	ND	0.0500	mg/kg wet							
Aroclor 1242 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (4)	ND	0.0500	mg/kg wet							
Aroclor 1242 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1242 (5)	ND	0.0500	mg/kg wet							
Aroclor 1242 (5) [2C]	ND	0.0500	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Aroclor 1248	ND	0.0500	mg/kg wet							
Aroclor 1248 (1)	ND	0.0500	mg/kg wet							
Aroclor 1248 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (2)	ND	0.0500	mg/kg wet							
Aroclor 1248 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (3)	ND	0.0500	mg/kg wet							
Aroclor 1248 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (4)	ND	0.0500	mg/kg wet							
Aroclor 1248 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1248 (5)	ND	0.0500	mg/kg wet							
Aroclor 1248 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254	ND	0.0500	mg/kg wet							
Aroclor 1254 (1)	ND	0.0500	mg/kg wet							
Aroclor 1254 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (2)	ND	0.0500	mg/kg wet							
Aroclor 1254 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (3)	ND	0.0500	mg/kg wet							
Aroclor 1254 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (4)	ND	0.0500	mg/kg wet							
Aroclor 1254 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1254 (5)	ND	0.0500	mg/kg wet							
Aroclor 1254 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260	ND	0.0500	mg/kg wet							
Aroclor 1260 (1)	ND	0.0500	mg/kg wet							
Aroclor 1260 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (2)	ND	0.0500	mg/kg wet							
Aroclor 1260 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (3)	ND	0.0500	mg/kg wet							
Aroclor 1260 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (4)	ND	0.0500	mg/kg wet							
Aroclor 1260 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1260 (5)	ND	0.0500	mg/kg wet							
Aroclor 1260 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262	ND	0.0500	mg/kg wet							
Aroclor 1262 (1)	ND	0.0500	mg/kg wet							
Aroclor 1262 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (2)	ND	0.0500	mg/kg wet							
Aroclor 1262 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (3)	ND	0.0500	mg/kg wet							
Aroclor 1262 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (4)	ND	0.0500	mg/kg wet							
Aroclor 1262 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1262 (5)	ND	0.0500	mg/kg wet							
Aroclor 1262 (5) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268	ND	0.0500	mg/kg wet							

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

Quality Control Data

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
8082A Polychlorinated Biphenyls (PCB)										
Batch CI11219 - 3540										
Aroclor 1268 (1)	ND	0.0500	mg/kg wet							
Aroclor 1268 (1) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (2)	ND	0.0500	mg/kg wet							
Aroclor 1268 (2) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (3)	ND	0.0500	mg/kg wet							
Aroclor 1268 (3) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (4)	ND	0.0500	mg/kg wet							
Aroclor 1268 (4) [2C]	ND	0.0500	mg/kg wet							
Aroclor 1268 (5)	ND	0.0500	mg/kg wet							
Aroclor 1268 (5) [2C]	ND	0.0500	mg/kg wet							
Surrogate: Decachlorobiphenyl	*0.0218*		mg/kg wet	*0.02500*		*87*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0199*		mg/kg wet	*0.02500*		*80*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0201*		mg/kg wet	*0.02500*		*80*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0207*		mg/kg wet	*0.02500*		*83*	*30-150*			
LCS										
Aroclor 1016	0.608	0.0500	mg/kg wet	0.5000		122	40-140			
Aroclor 1260	0.616	0.0500	mg/kg wet	0.5000		123	40-140			
Surrogate: Decachlorobiphenyl	*0.0239*		mg/kg wet	*0.02500*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0219*		mg/kg wet	*0.02500*		*88*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0251*		mg/kg wet	*0.02500*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0240*		mg/kg wet	*0.02500*		*96*	*30-150*			
LCS Dup										
Aroclor 1016	0.616	0.0500	mg/kg wet	0.5000		123	40-140	1	30	
Aroclor 1260	0.632	0.0500	mg/kg wet	0.5000		126	40-140	3	30	
Surrogate: Decachlorobiphenyl	*0.0239*		mg/kg wet	*0.02500*		*96*	*30-150*			
Surrogate: Decachlorobiphenyl [2C]	*0.0222*		mg/kg wet	*0.02500*		*89*	*30-150*			
Surrogate: Tetrachloro-m-xylene	*0.0252*		mg/kg wet	*0.02500*		*101*	*30-150*			
Surrogate: Tetrachloro-m-xylene [2C]	*0.0240*		mg/kg wet	*0.02500*		*96*	*30-150*			

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

Notes and Definitions

U	Analyte included in the analysis, but not detected
4	Elevated method reporting limits due to limited sample volume.
ND	Analyte NOT DETECTED at or above the MRL (LOQ), LOD for DoD Reports, MDL for J-Flagged Analytes
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method Detection Limit
MRL	Method Reporting Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
DL	Detection Limit
I/V	Initial Volume
F/V	Final Volume
§	Subcontracted analysis; see attached report
1	Range result excludes concentrations of surrogates and/or internal standards eluting in that range.
2	Range result excludes concentrations of target analytes eluting in that range.
3	Range result excludes the concentration of the C9-C10 aromatic range.
Avg	Results reported as a mathematical average.
NR	No Recovery
[CALC]	Calculated Analyte

CERTIFICATE OF ANALYSIS

Client Name: ESIS, Inc.
Client Project ID: OQHS

ESS Laboratory Work Order: 1109121

ESS LABORATORY CERTIFICATIONS AND ACCREDITATIONS

ENVIRONMENTAL

Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP)
A2LA Accredited: Testing Cert# 2864.01
http://www.a2la.org/scopepdf/2864-01.pdf

Rhode Island Potable and Non Potable Water: LAI00179
http://www.health.ri.gov/labs/waterlabs-instate.php

Connecticut Potable and Non Potable Water, Solid and Hazardous Waste: PH-0750
http://www.ct.gov/dph/lib/dph/environmental_health/environmental_laboratories/pdf/out_state.pdf

Maine Potable and Non Potable Water: RI0002
http://www.maine.gov/dep/blwq/topic/vessel/lab_list.pdf

Massachusetts Potable and Non Potable Water: M-RI002
http://public.dep.state.ma.us/labcert/labcert.aspx

New Hampshire (NELAP accredited) Potable and Non PotableWater, Solid and Hazardous Waste: 2424
http://www4.egov.nh.gov/des/nhelap/namesearch.asp

New York (NELAP accredited) Non Potable Water, Solid and Hazardous Waste: 11313
http://www.wadsworth.org/labcert/elap/comm.html

United States Department of Agriculture Soil Permit: S-54210

Maryland Potable Water: 301
http://www.mde.state.md.us/assets/document/WSP_labs-2009apr20.pdf

CHEMISTRY

A2LA Accredited: Testing Cert # 2864.01
Lead in Paint, Phthalates, Lead in Children's Metals Products (Including Jewelry)
http://www.A2LA.org/dirsearchnew/newsearch.cfm

CPSC ID# 1141
Lead Paint, Lead in Children's Metals Jewelry
http://www.cpsc.gov/cgi-bin/labapplist.aspx

Sample and Cooler Receipt Checklist

Client: ESIS
Client Project ID: _____
Shipped/Delivered Via: ESS Courier

ESS Project ID: 11090121
Date Project Due: 9/14/11
Days For Project: 2 Day

Items to be checked upon receipt:

1. Air Bill Manifest Present? *** No**
   Air No.:
2. Were Custody Seals Present? **No**
3. Were Custody Seals Intact? **N/A**
4. Is Radiation count < 100 CPM? **Yes**
5. Is a cooler present? **Yes**
   Cooler Temp: **5.6**
   Iced With: **Ice**
6. Was COC included with samples? **Yes**
7. Was COC signed and dated by client? **Yes**
8. Does the COC match the sample **Yes**
9. Is COC complete and correct? **Yes**
10. Are the samples properly preserved? **Yes**
11. Proper sample containers used? **Yes**
12. Any air bubbles in the VOA vials? **N/A**
13. Holding times exceeded? **No**
14. Sufficient sample volumes? **Yes**
15. Any Subcontracting needed? **No**
16. Are ESS labels on correct containers? **Yes|No**
17. Were samples received intact? **Yes|No**

ESS Sample IDs: _____
Sub Lab: _____
Analysis: _____
TAT: _____

18. Was there need to call project manager to discuss status? If yes, please explain.

_____

_____

_____

Who was called?: _____ By whom? _____

Sample Number	Properly Preserved	Container Type	# of Containers	Preservative
1	Yes	4 oz Soil Jar	1	NP
2	Yes	4 oz Soil Jar	1	NP
3	Yes	4 oz Soil Jar	1	NP
4	Yes	4 oz Soil Jar	1	NP
5	Yes	4 oz Soil Jar	1	NP
6	Yes	4 oz Soil Jar	1	NP
7	Yes	4 oz Soil Jar	1	NP
8	Yes	4 oz Soil Jar	1	NP
9	Yes	4 oz Soil Jar	1	NP
10	Yes	4 oz Soil Jar	1	NP
11	Yes	4 oz Soil Jar	1	NP
12	Yes	4 oz Soil Jar	1	NP
13	Yes	4 oz Soil Jar	1	NP
14	Yes	4 oz Soil Jar	1	NP
15	Yes	4 oz Soil Jar	1	NP
16	Yes	4 oz Soil Jar	1	NP
17	Yes	4 oz Soil Jar	1	NP

Completed By: CLP Date/Time: 9/12/11
Reviewed By: JTD Date/Time: 9-12-11

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time ___ Standard Other 48 HR
If faster than 5 days, prior approval by laboratory is required # _____

State where samples were collected from:
(MA) RI CT NH NJ NY ME Other _____

Is this project for any of the following:
MA-MCP Navy USACE Other _____

Reporting Limits

ESS LAB PROJECT ID: 1109121

Electronic Deliverable Yes ✓ No ___
Format: Excel ___ Access ___ PDF ✓ Other _____

Co. Name	ESIS
Project #	1076.728
Project Name (20 Char. or less)	OQHS
Contact Person	Bill McBirney
Address	33 Arch Street Suite 2900
City	Boston
State	MA
Zip	02110
PO#	
Telephone #	857 452 6014
Fax #	617 737 8970
Email Address	william.mcbirney@esis.com

Circle and/or Write Required Analysis

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA / 624 / 524.2	8021 MTBE/BTEX / 8015 GRO / VPH w/targets	8100 TPH / 8015 DRO / EPH 4 Diesel	EPH w/o PAHs / EPH w/PAHs	8081 Pesticides / 8082 PCB / 608 Pesticides / 608 PCB	8270 SVOA / 625 / PAH 8270	RCRA5 / RCRA8 / PP13 / TAL23	TCLP-RCRA8 / NBC7	MCP-METALS (13) / MCP-METALS (13) w/Hg					
1	09/02/11	2:00pm		X		Brown Window Caulking on Brown Metal Window		1	G					X									
2		2:05		X		Brown Window Caulking on Brown Metal Window		1	G					X									
3		2:10		X		Black Glazing on Plexiglass in Brown metal windows		1	G					X									
4		2:15		X		Black Glazing on Plexiglass in Brown metal windows		1	G					X									
5		2:20		X		Gray window caulking on Gray metal windows		1	G					X									
6		2:25		X		Gray window caulking on Gray metal windows		1	G					X									
7		2:30		X		White window glazing on Gray metal windows		1	G					X									
8		2:35		X		White window glazing on Gray metal windows		1	G					X									
9		2:40		X		White window caulking, top layer, old wood windows		1	G					X									
10		2:45		X		White window caulking top layer, old wood windows		1	G					X									

Container Type: P-Poly G-Glass S-Sterile V-VOA | Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ~~Yes~~ ___ No
Seals Intact ___ Yes ___ No NA: ✓
Cooler Temp: 5.6°C

Internal Use Only
[ ] Pickup
[ ] Technicians _____

Preservation Code 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- _____

Sampled by:

Comments: PCB 3540/8082

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	9/12 7 am	[signature]	9/12/11 7 am	[signature]	9/12/11 5:40	[signature]	9/12/11 1930
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt

10/26/04 B

ESS Laboratory

Division of Thielsch Engineering, Inc.
185 Frances Avenue, Cranston, RI 02910-2211
Tel. (401) 461-7181 Fax (401) 461-4486
www.esslaboratory.com

CHAIN OF CUSTODY

Turn Time ___ Standard Other 48 HR
If faster than 5 days, prior approval by laboratory is required # _____

State where samples were collected from:
(MA) RI CT NH NJ NY ME Other _____

Is this project for any of the following:
MA-MCP Navy USACE Other _____

Reporting Limits

ESS LAB PROJECT ID 1109121

Electronic Deliverable Yes ✓ No ___
Format: Excel ___ Access ___ PDF ✓ Other _____

Co. Name: ESIS
Project #: 1076.728
Project Name (20 Char. or less): OQHS
Contact Person: Bill McBirney
Address: 33 Arch Street Suite 2900
City: Boston
State: MA
Zip: 02110
PO#:
Telephone #: 857 452 6014
Fax #: 617 737 8971
Email Address: william.mcbirney@esis.com

Circle and/orWrite Required Analysis

ESS LAB Sample #	Date	Collection Time	COMP	GRAB	MATRIX	Sample Identification (20 Char. or less)	Pres Code	Number of Containers	Type of Containers	8260 VOA / 624 / 524.2	8021 MTBE/BTEX / 8015 GRO / VPH w/ranges	8100 TPH / 8015 DRO	EPH w/o PAHs / EPH w/PAHs / EPH 4 Diesel	8081 Pesticides / 8082 PCB / 608 Pesticides / 608 PCB	8270 SVOA / 625 / PAH 8270	RCRA5 / RCRA8 / PP13 / TAL23	TCLP-RCRA8 / NBC7	MCP METALS (13) / MCP-METALS (13) w/Hg						
11	09/02/11	2:50		X		Gray window caulking, 2nd layer, old wood windows		1	G					X										
12		2:55		X		Gray window caulking 2nd layer, old wood windows		1	G					X										
13		3:00		X		Black Rubber Caulking @ wood Framed Broken window		1	G					X										
14		3:05		X		White Seam Filler Above window at Stone/Brick.		1	G					X										
15		3:10		X		Gray Rubber Expansion Caulking at Foundation/Concrete		1	G					X										
16		3:15		X		Black Mastic on Brick Foundation		1	G					X										
17	↓	3:20		X		White Rubber Sealant on metal Flashing at Foundation		1	G					X										

Container Type: P-Poly G-Glass S-Sterile V-VOA
Matrix: S-Soil SD-Solid D-Sludge WW-Waste Water GW-Ground Water SW-Surface Water DW-Drinking Water O-Oil W-Wipes F-Filters

Cooler Present ✓ Yes ___ No
Seals Intact ___ Yes ___ No NA: ✓
Cooler Temp: 5.6°C

Internal Use Only
[ ] Pickup
[ ] Technicians _____

Preservation Code 1- NP, 2- HCl, 3- H_2SO_4, 4- HNO_3, 5- NaOH, 6- MeOH, 7- Asorbic Acid, 8- ZnAct, 9- _____
Sampled by:
Comments: PCB 3540/8082

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
[signature]	9/12 7am	[signature]	9/12/11 7am	[signature]	9/12/11 7pm		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time

*By circling MA-MCP, client acknowledges samples were collected in accordance with MADEP CAM VII A

Please fax all changes to Chain of Custody in writing.

1 (White) Lab Copy 2 (Yellow) Client Receipt