



The Scott Lawson Group, Ltd.

Environmental, Health & Safety Consultants

RESULTS OF AN ASBESTOS ABATEMENT MONITORING PROJECT

Performed for:

School Administrative Unit No. 28
Windham School District
19 Haverhill Road
Post Office Box 510
Windham, New Hampshire 03087

Project Location:

Pelham High School
85 Marsh Road
Pelham, New Hampshire

Prepared by:

Stephen L. Zabel, B.S.
Safety & Health Professional

July 11, 2007

SLGL File Number 18648



EXECUTIVE SUMMARY

On July 11, 2007, an Asbestos Abatement Project was conducted by A-Best Abatement, Inc. (A-Best) at the Pelham High School at 85 Marsh Road in Pelham, New Hampshire. *The Scott Lawson Group Ltd. (SLGL)* was contracted by the Windham School District to retain the services of the Abatement Contractor, provide on-site project management of the abatement activities, as well as to perform the required visual inspections and final air clearance testing. The abatement took place in the Tech Wing at the school. The Scope-of-Work (SOW) performed by *SLGL* during the project included:

1. Conducting an air quality survey to document the airborne fiber levels during abatement activities.
2. Documentation of contractor compliance with State and Federal Asbestos regulations.
3. Preparation of a final report to document successful completion of the Asbestos Abatement Project.

A-Best was responsible for furnishing all labor, materials, services, equipment, and supplies required for the comprehensive removal, decontamination, and disposal operations of the designated Asbestos-Containing Material (ACM). A-Best is a licensed Asbestos abatement entity in New Hampshire, License No. AC-056, expiration date: September 25, 2007. The project generated approximately sixty (60) bags of ACM waste for proper disposal. The clearance air samples collected according to the requirements of the Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) regulation, upon completion of abatement activities, were within Federal and State limits, allowing for safe re-occupancy of the area.

DISCUSSION

On July 11, 2007, A-Best mobilized to the Pelham High School to perform an Asbestos abatement project. The SOW at the school involved the abatement of ACM in the form of floor tile and associated mastic. The following table lists the approximate quantity of ACM removed from the area.

TABLE I

Location	Material	Approximate Quantity
First Floor, Tech Wing Hallway and Classroom at end of hall	Floor Tile and Mastic	1,100 ft ²

Abatement in the work area identified above was accomplished within a negative-pressure containment with two (2) layers of six-millimeter (6-mm) polyethylene sheeting as critical barriers separating the work areas from the non-work areas. The flooring materials were removed with hand tools and wet methods in compliance with State of New Hampshire and Federal Asbestos regulations. Following the removal of the floor tile, the mastic was removed using a low-odor chemical mastic remover. The ACM waste and debris were properly double-bagged, sealed, and labeled for disposal of as Asbestos-containing waste.

Abatement workers working in a regulated area wore protective clothing and utilized respiratory protection; North half-face, negative-pressure respirators equipped with High-Efficiency, Particulate Air (HEPA)-filters (P100).

All air samples were analyzed on-site for total fibers utilizing Phase Contrast Microscopy (PCM). After completion of removal operations, the interior of the work area passed a visual inspection by *SLGL*, and the required air clearance sampling was performed. Clearance sampling was performed in accordance with the EPA AHERA regulation and applicable State of New Hampshire regulations. Clearance sample results for the area were all below the AHERA and State of New Hampshire established limit of 0.010 fibers per cubic centimeter of air (f/cc). The analytical results for all air monitoring conducted during this project are located in Appendix A of this report.

Abatement operations were conducted in compliance with the NH DES Air Resources Division (Env-A 1800); State of New Hampshire, Department of Health and Human Services, Division of Public Health Services (He-P 5000); the United States Environmental Protection Agency (U.S. EPA) regulation 40 CFR § 61, NESHAP's-Asbestos; applicable Department of Labor, Occupational Safety and Health Administration (OSHA) regulations (29 CFR §§ 1910 and 1926).

Included in this report are a summary of the project activities and a description of the air monitoring methodologies utilized by *SLGL*. A copy of *SLGL*'s on-site Health and Safety Professional's Daily Job Log and Asbestos Abatement SOW are located in Appendix B (for reference purposes). Appendix C includes the post abatement clearance letter that was forwarded to the State of New Hampshire, Department of Environmental Services, Air Resources Division, by *SLGL*.

CONCLUSION

The Asbestos Abatement Project conducted for the Windham School District at the Pelham High School, has been completed. Abatement operations were conducted in accordance with Federal and State of New Hampshire Asbestos regulations, and the site-specific Project SOW, prepared by *SLGL*.

A-Best was responsible for furnishing all labor, materials, services, equipment, and supplies required for the removal, decontamination, and disposal operations of identified ACM. A-Best is a licensed Asbestos abatement entity in New Hampshire, License No. AC-056, expiration date 9/25/07. All of the final air clearance samples were within acceptable limits, allowing for safe re-occupancy of the area.

In compliance with Asbestos Management and Control Regulation Chapter Env-A 1800, the clearance sample analytical results were copied to the State of New Hampshire, Department of Environmental Services, Air Resources Division, by *SLGL*.

RECOMMENDATION

- As ACM remains in the facility, the requirements of the EPA AHERA regulation still apply. These include annual notification to parents and teachers, training of maintenance personnel, and the periodic surveillance of the remaining ACM. The AHERA Management Plan for the school must also be updated to reflect the abatement of the floor tile and mastic.
- Future renovation/demolition activities should be planned and conducted only after review of the AHERA Management Plan, to determine if ACM will be impacted. If so, the materials must be abated and disposed of in accordance with Federal, State of New Hampshire, and local Asbestos regulations.



The Scott Lawson Group, Ltd.

Environmental, Health and Safety Consultants

20 Chenell Drive, Concord, NH 03301

(800) 645-7674 ♦ FAX (603) 228-3871

SAU #28
19 Haverhill Road
P.O. Box 510
Windham, NH 03087

SLGL Job #: 18648
Report Date: July 19, 2007
Date Received: July 13, 2007
Client Project: Pelham High School

Analysis: Airborne Fibers by Phase Contrast Microscopy

Methodology: NIOSH 7400, Issue 2

Analytical Results

Collected by: SLZ

SLGL Lab #	Sample Identification	Date Sampled	Date Analyzed	Air Volume Liters	Minutes	Fibers	Fields	Fibers/CC	8Hr-TWA Fibers/CC
246178	071107-18648-A01, Area, center of room 5B, at doorway to work area	07/11/2007	07/11/2007	753.8	375	3.0	100	<0.0063	----
246179	071107-18648-A02, Area, in room 04, doorway to work area	07/11/2007	07/11/2007	787.5	375	2.5	100	<0.0060	----
246180	071107-18648-A03, Area, in lobby outside gym, at door to work area, at decon entrance	07/11/2007	07/11/2007	750.0	375	3.0	100	<0.0063	----
246181	071107-18648-A04, Area, outside, front of school, at window of room being worked in, at HEPA exhaust	07/11/2007	07/11/2007	753.8	375	1.0	100	<0.0063	----

Detection limit is a calculated value based on the NIOSH 7400 Phase Contrast Microscopy method of 10 fibers/100 fields. Analytical results have been corrected for any analytical field blank contamination that may have been found. SLGL AIHA #100088. SLGL laboratory certifications apply only to samples analyzed in-house.

= Combined 8 Hour Time-Weighted Average

< = Less than

Analyzed By: _____

Steve Zabel

Approved By: _____

Stephanie Roy, Lab Manager



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Client Project: Pelham High School

Analysis: Airborne Fibers by Phase Contrast Microscopy

Methodology: NIOSH 7400, Issue 2

Analytical Results

Collected by: SLZ

SLGL Lab #	Sample Identification	Date Sampled	Date Analyzed	Air Volume Liters	Minutes	Fibers	Fields	Fibers/CC	8Hr-TWA Fibers/CC
246182	071107-18648-A05, Clearance, south end of hallway at tech area of school	07/11/2007	07/11/2007	1472.4	120	4.0	100	<0.00320	----
246183	071107-18648-A06, Clearance, center of hallway leading to tech area of school	07/11/2007	07/11/2007	1461.6	120	2.0	100	<0.00322	----
246184	071107-18648-A07, Clearance, north end of hallway leading to tech area at school	07/11/2007	07/11/2007	1466.4	120	1.5	100	<0.00321	----
246185	071107-18648-A08, Clearance, south end of classroom at end of tech area hallway	07/11/2007	07/11/2007	1460.4	120	2.0	100	<0.00323	----

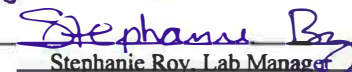
Detection limit is a calculated value based on the NIOSH 7400 Phase Contrast Microscopy method of 10 fibers/100 fields. Analytical results have been corrected for any analytical field blank contamination that may have been found. SLGL AIHA #100088. SLGL laboratory certifications apply only to samples analyzed in-house.

= Combined 8 Hour Time-Weighted Average
< = Less than

Analyzed By: _____


Steve Zabel

Approved By: _____


Stephanie Roy, Lab Manager



The Scott Lawson Group, Ltd.
Environmental, Health & Safety Consultants

20 Chenell Drive
Concord, New Hampshire 03301
Ph: (603) 228-3610, Fax: (603) 228-3871
www.sgl.com email: Lab@sgl.com

Submitting Co.: SAU 28
SLGL Job #: 18648
Address: _____ Client Project: Pelham High School
Client PO: _____
Attention: _____ Sampled By: SLZ
Phone: _____ Fax: _____ email: _____

Turnaround Time (select one)
 3 hours* 6-8 hours* 24 hours* 48 hours* 72 hours*
 5 days 10 days Weekend Other: ON-SITE

**Not available for all tests. Schedule rush and weekend tests in advance.*

Sample Matrix Type (select one)
 Air Bulk Soil Water, drinking or waste
 Aqueous Oil Solid Wipe
 Agar (biostrip) Paint Swab Wipe composite
 Agar (plate) Sludge Tape Lift Other: _____

Comments: RECEIVED IN GOOD CONDITION

All samples on this form should be of the SAME matrix type. Use additional forms as needed.

SLGL Lab #	Sample Identification	Analysis	Date Sampled	Time	Media/ Container	Preservative	4°C	Swab/Wipe Area Units: _____	Air Volume (L)	Minutes
246178	071107-18648-A01	PCM	7/11/07	N/A	25mm	N/A	N/A	N/A	753.75	375
179	A02								787.5	↓
180	A03								750.0	↓
181	A04								753.75	✓
182	A05								1472.4	120
183	A06								1461.6	↓
184	A07								1466.4	↓
185	A08								1460.4	↓
186	A09								1458.0	✓
187	✓ A10	✓	✓		✓					

Sample Collection and Custody Information
 Samples Shipped Via: FedEx UPS DHL US Mail Other: DROP OFF

Relinquished By: Steve Gabriel Date/Time: 7-12-07 / 7:00 Received By: [Signature] Date/Time: 7/13/07 0745

Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.



The Scott Lawson Group, Ltd.
Environmental, Health & Safety Consultants

20 Chenell Drive
Concord, New Hampshire 03301
Ph: (603) 228-3610, Fax: (603) 228-3871
www.slg.com email: Lab@slg.com

Submitting Co.: SAU 28	SLGL Job #: 18648
Address:	Client Project: Pelham High School
Attention:	Client PO:
Phone:	Sampled By: SLZ
Fax:	email:

Turnaround Time (select one)

3 hours*
 6-8 hours*
 24 hours*
 48 hours*
 72 hours*
 5 days
 10 days
 Weekend
 Other: **ON-SITE**

**Not available for all tests. Schedule rush and weekend tests in advance.*

Sample Matrix Type (select one)	<input checked="" type="checkbox"/> Air <input type="checkbox"/> Bulk <input type="checkbox"/> Soil <input type="checkbox"/> Water, drinking or waste <input type="checkbox"/> Aqueous <input type="checkbox"/> Oil <input type="checkbox"/> Solid <input type="checkbox"/> Wipe <input type="checkbox"/> Agar (biostrip) <input type="checkbox"/> Paint <input type="checkbox"/> Swab <input type="checkbox"/> Wipe composite <input type="checkbox"/> Agar (plate) <input type="checkbox"/> Sludge <input type="checkbox"/> Tape Lift <input type="checkbox"/> Other: _____	Comments: RECEIVED IN GOOD CONDITION
---------------------------------	--	--

All samples on this form should be of the SAME matrix type. Use additional forms as needed.

SLGL Lab #	Sample Identification	Analysis	Date Sampled	Time	Media/ Container	Preservative	4°C	Swab/Wipe Area Units: _____	Air Volume (L)	Minutes
18648	071107-18648-A11	Pcm	7/11/07	N/A	25mm	N/A	N/A	N/A	_____	

Sample Collection and Custody Information		Samples Shipped Via: <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> DHL <input type="checkbox"/> US Mail <input checked="" type="checkbox"/> Other: Drop Off	
Relinquished By: Steve Zabel	Date/Time: 7-13-07/7:00	Received By: Don S. Hill	Date/Time: 7/13/07 0745
Relinquished By:	Date/Time:	Received By:	Date/Time:

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APPENDIX A2

BULK SAMPLING RESULTS



The Scott Lawson Group, Ltd.

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(800) 645-7674 ♦ FAX (603) 228-3871

SAU #28
19 Haverhill Road
P.O. Box 510
Windham, NH 03087

SLGL Job #: 18648
Report Date: July 2, 2007
Date Sampled: July 2, 2007
Date Received: July 2, 2007
Client Project: Pelham High School

Analysis: Asbestos by Polarized Light Microscopy

Methodology: 600/R-93/116 July 1993

Analytical Results

Collected by: RAL

SLGL Lab #	Sample Identification	Homogeneous	Obvious Layers	Fibrous	Color	Asbestos %			Other Fibrous Material %			Non Fibrous Material %	
						Chrysotile	Amosite	Crocidolite	Fibrous Glass	Cellulose	Synthetic		Other
245820	070207-18648-B01, Black tile mastic, room 5A	No	No	Yes	Black	4	----	----	----	<1	----	----	>95
245821	070207-18648-B02, Black tile mastic, hall outside room 6	No	No	Yes	Black	4	----	----	----	<1	----	----	>95

This Polarized Light Microscopy report relates only to items tested. Client should not use the NVLAP to claim endorsement. PLM by visual area estimation can produce errors of 10%. Results near the 1% level can be more accurately quantified by the point count method or Transmission Electron Microscopy. SLGL laboratory certifications apply only to samples analyzed in-house.

<= Less Than
TR = Trace
NVLAP Accreditation Number 101228-0

Analyzed By: 
Melanie Patterson

Approved By: 
Stephanie Roy, Lab Manager



The Scott Lawson Group, Ltd.
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www.slgl.com email: Lab@slgl.com

Submitting Co.: SAU # 28		SLGL Job #: 18648
Address:		Client Project: Pelham High School
Attention:		Client PO:
Phone:		Sampled By: RAL
Fax:		email:

Turnaround Time (select one)	<input type="checkbox"/> 3 hours*	<input type="checkbox"/> 6-8 hours*	<input checked="" type="checkbox"/> 24 hours*	<input type="checkbox"/> 48 hours*	<input type="checkbox"/> 72 hours*
	<input type="checkbox"/> 5 days	<input type="checkbox"/> 10 days	<input type="checkbox"/> Weekend	<input type="checkbox"/> Other: _____	

***Not available for all tests. Schedule rush and weekend tests in advance.**

Sample Matrix Type (select one)	<input type="checkbox"/> Air	<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Soil	<input type="checkbox"/> Water, drinking or waste	Comments:
	<input type="checkbox"/> Aqueous	<input type="checkbox"/> Oil	<input type="checkbox"/> Solid	<input type="checkbox"/> Wipe	
	<input type="checkbox"/> Agar (biostrip)	<input type="checkbox"/> Paint	<input type="checkbox"/> Swab	<input type="checkbox"/> Wipe composite	
	<input type="checkbox"/> Agar (plate)	<input type="checkbox"/> Sludge	<input type="checkbox"/> Tape Lift	<input type="checkbox"/> Other: _____	

All samples on this form should be of the SAME matrix type. Use additional forms as needed.

SLGL Lab #	Sample Identification	Analysis	Date Sampled	Time	Media/ Container	Preservative	4°C	Swab/Wipe Area Units: _____	Air Volume (L)	Minutes
015800	070007-18648 - Bul	PLM	7/2/07	-	Bulk Bulky					
015801	L L - Bul	L	L	-	L					

Sample Collection and Custody Information		Samples Shipped Via: <input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> DHL <input type="checkbox"/> US Mail <input type="checkbox"/> Other: _____	
Relinquished By: <i>[Signature]</i>	Date/Time: 7/2/07 12:15pm	Received By: <i>[Signature]</i>	Date/Time: 7/2/07 14:26
Relinquished By:	Date/Time:	Received By:	Date/Time:

A Note to Customer: by signing and relinquishing your samples to the laboratory, you agree with the terms and conditions found on the back of this Chain of Custody Form.

APPENDIX B

***SLGL's* DAILY JOB LOG**



The Scott Lawson Group, Ltd.

Environmental, Health & Safety Consultants

HEALTH AND SAFETY PROFESSIONAL DAILY JOB LOG

Day Wednesday Date 7/11/2007 H&S Professional Stephen L. Zabel, B.S.

File No. 1 648 Client SAU #28

Contractor A-Best Abatement Entity License # AC-056 Entity Exp. Date 9/25/07

Scheduled Shift 6:30 AM - 3:00 PM Work Areas Tech Wing

SLGL's Arrival Time 6:30 AM SLGL's Departure Time 2:00 PM

Crew Size Scheduled 5 Actual Crew Size 5

Progress On Schedule Yes If NO, Explain _____

Weather Hazy, Hot Wind Direction/Speed _____

Describe Site Activities:

6:30 AM - SLGL and A-Best on-site and meet with Alan (Maintenance Supervisor) at the school and going over work areas and access to the areas. Work to take place includes removing any remaining floor tiles, cleaning area, and removal of floor tile mastic. A-Best workers are bringing in equipment and begin covering all openings in the work area including doors and windows.

8:30 AM - Area air samples have been set up around work area. Maintenance workers have taken off door to Tech. Area. A-Best workers have finished prep of the work area including sealing off all openings into the work area and SLGL has inspected prep. HEPA filter units have been set up in work area and exhausted out nearby windows and three stage decon unit has been set up. Workers dress in coverall suits and 1/2-face respirators and begin work on bagging tiles that have already been scraped up and any remaining tiles are scraped up using hand tools.

10:30 AM - All floor tiles have been packaged into waste disposal bags and brought to A-Best truck and area has been cleaned to allow removal of floor tile mastic. Chemical mastic remover is put down on floor and area is gone over with floor buffer and scrub pads to remove mastic from floor. The chemical/mastic is then cleaned up using wood shavings to absorb material and scooped into waste disposal bags.

11:30 AM - Mastic removed from work area and cleaning taking place in work area. Clearance air samples are running in work area. All wood shavings used to pick up mastic/chemical are being put into waste disposal bags.

Pictures Taken No Decon Area Yes

No. of Air Samples Collected 11 (Please indicate sample type and quantity) H₂O N/A Soil N/A Swipe N/A

SLGL's Total Hours On-Site 8 Work Area Secured at end of Shift? N/A

Total Mileage 110 Travel Time 2.0



The Scott Lawson Group, Ltd.

Environmental, Health & Safety Consultants

PROJECT SCOPE-OF-WORK

School Administrative Unit No. 28
19 Haverhill Road
Post Office Box 510
Windham, New Hampshire

Project:

Pelham High School
85 Marsh Road
Pelham, New Hampshire

Floor Tile and Mastic Abatement

Prepared by

Stephen McPherson
Senior Safety and Health Professional
Project Designer No. 204-ID

SLGL File Number 18648



This Project Scope-of-Work (SOW) document addresses the specific work as listed herein to be performed by A-Best Abatement, a State of New Hampshire Licensed Abatement Company, herein referred to as the Contractor. All work shall be in strict compliance with this Project SOW, the State of New Hampshire, Department of Environmental Services (NH DES), Air Resources Division (Env-A 1800); State of New Hampshire, Department of Public Health (He-P 5000); the United States Environmental Protection Agency (U.S. EPA) Regulations (40 CFR § 61, NESHAPs-Asbestos; 40 CFR § 763, [AHERA]); applicable Occupational Safety and Health Administration (OSHA) regulations; and Federal and State of New Hampshire, Department of Transportation (DOT) regulations. Insurance requirements for this project include an occurrence-based Asbestos Abatement Liability policy (no sunset clause) with minimum \$2,000,000 coverage acceptable to SAU #28.

- A. The SOW for this project includes comprehensive Asbestos removal, decontamination, and disposal operations at the below-listed location.

Pelham High School
85 Marsh Road
Pelham, New Hampshire

- B. Work areas and approximate quantities of Asbestos-Containing Materials (ACM) to be removed include:

ACM	Location	Approximate Quantity
Floor Tile and Associated Mastic	Tech Wing and Classroom	1,100 ft ²

- C. All work shall be completed in accordance with schedule requirements of this Project SOW. It is estimated that the work shall commence on Wednesday, July 11, 2007, and be completed on the same day. Work shift shall consist of 8-hour shifts each working day.
- D. The Contractor shall affix applicable OSHA warning signs along the perimeter of each containment area to regulate the work area, in addition to erecting barrier warning tape in the immediate work area. All provisions of this SOW relating to the health and safety of workers and the general public, as well as protection of the environment are minimum standards. The Contractor is responsible for determining whether any additional and/or more stringent protective measures are required by any legal requirements or prudent conservative work practices, and implementing such measures if deemed necessary. Nothing in the Section shall be deemed to relieve the Contractor from any liability with respect to any such legal requirement of prudent conservation practice.

Pelham High School shall provide service for utilities, such as water and electricity. The Contractor shall provide Ground-Fault Circuit Interrupt (GFCI) outlets to maintain all interior work areas under air-filtration/pressure-differential systems, and provide service to High-Efficiency, Particulate Air (HEPA)-vacuums and power equipment, including *The Scott Lawson Group, Ltd.'s* (SLGL's) equipment.

- E. Included in the Contractor's main containment preparation requirements will be a 3-stage Personal Decontamination Unit. The Contractor shall affix applicable OSHA warning signs along the perimeter of the containment area to regulate the work area, in addition to erecting barrier warning tape in the immediate work area.
- F. Pelham High School located on Marsh Road, in Pelham, New Hampshire shall have ACM removed as follows.

Air-filtration System

The Abatement Contractor shall provide a fully operational pressure-differential and air-filtration system within the work area, including the decontamination units, continuously maintaining a pressure-differential across the work enclosure of the least **-0.02** inches of water. This pressure-differential and air-filtration system shall aid in containing the Asbestos fibers in the work area and preventing contamination of the nonwork areas.

The pressure-differential/air-filtration system shall be equipped with HEPA filters and comply with ANSI Z9.2, Standard Local Exhaust Ventilation. Use only DOP-tested and certified equipment.

No air movement or ventilation systems shall discharge Asbestos fibers outside the work area. Filtered air shall be exhausted outside of the building whenever possible to maintain the negative-pressure in the work area.

Flooring Materials

Floor Tiles and Mastic: The Contractor shall pre-clean critical barrier surfaces inside the work area using HEPA-vacuums and wet-wiping techniques. The Contractor shall then install critical barriers, consisting of two (2) layers of six-millimeter (6-mm) polyethylene sheeting on all windows, doors, vents, plenums, etc., and secure with duct tape. The work area is considered contaminated and will require all surfaces to be wet-wiped. The Contractor shall install a minimum of one (1) layer of 6-mm polyethylene sheeting on wall surfaces to serve as splashguards. The Contractor pre-clean and cover all other immovable objects with two (2) layers of 6-mm polyethylene sheeting sealed air tight with duct tape.

To remove flooring materials, thoroughly wet the material to be removed prior to stripping and/or tooling to reduce fiber dispersal. Floor tile mastic shall be removed utilizing a low odor chemical remover; a minimum of two (2) separate applications shall be mechanically applied. All floors shall be wet-mopped after mastic removal to reduce chemical mastic remover residual odors.

- G. *SLGL* shall perform a final visual inspection to assure that no visible debris remains within each work area. The Contractor shall re-clean the work area as needed until it passes a visual inspection by the Consultant. The visual inspection shall comply with the requirements set forth by the American Society for Testing and Materials under Designation: E 1368-90, Standard Practice for Visual Inspection of Asbestos Abatement Projects.

- H. Clearance air samples will also be collected by *SLGL* and analyzed by Phase Contrast Microscopy (PCM), with an acceptable air concentration level at or below 0.01 fibers per cubic centimeter (0.01 f/cc). For final air clearance testing, results of all samples shall be less than 0.01 f/cc in accordance with State of New Hampshire and the EPA AHERA regulation.

The Contractor shall then remove containment barriers and conduct post-abatement cleaning.

- I. All waste generated from this project shall be labeled and disposed of in a landfill approved for accepting Asbestos waste. All waste shall be doubled-bagged in Asbestos disposal bags, affixed with applicable labels identifying Pelham High School, 85 Marsh Road, Pelham, New Hampshire, as the waste generator.

- J. All post-abatement submittals shall be submitted within 30 working days of completion of the abatement project. Post-abatement submittals shall include: Waste Manifest, Contractor Logs, and applicable project-specific data.
- K. Requests for technical clarification are to be made to *The Scott Lawson Group, Ltd.* SLGL shall issue responses, corrections, and amendments which are deemed necessary in a written addendum.

The Scott Lawson Group, Ltd.
P.O. Box 3304
Concord, New Hampshire 03302-3304

Contact: Stephen McPherson
Phone: (603) 228-3610
Fax: (603) 228-3871
e-mail: steve@slgl.com

- L. Applications for payment:
1. The Contractor shall enter into a formal agreement with SLGL to perform the requirements stated in the Project SOW. The Contractor shall provide all insurance certificates as required in this Project SOW prior to signing formal contract documents.
 2. The Contractor shall make one (1) application for payment using AIA documents G702-Application and Certificate for Payment, and final completion. Final completion is defined as SLGL receipt and approval of all post-abatement documentation, and completion of all (if any) punch list items which may be required of the Contractor. Application and request for payment shall be based upon the following percentages:
 1. One hundred percent (100%) based upon final completion.

This Project Scope-of-Work has been prepared by Stephen McPherson, a licensed Project Designer in the State of New Hampshire, License Number 204-ID, expiration date: June 2008.

Groups:Technical: Technical Files\SAU - Schools\SAU #28 - Windham\2007:18648-High School Abatement\SAU 28 - Pelham SOW



The Scott Lawson Group, Ltd.
Environmental, Health & Safety Consultants

FILE COPY

July 31, 2007

Mr. Stephen Cullinane, Manager
Asbestos Program
Air Resources Division
NH Department of Environmental Services
Post Office Box 95
Concord, New Hampshire 03302-0095

Re: Air Clearance Results
SLGL File Number 18648

Dear Mr. Cullinane:

Enclosed are the analytical results for air clearance sampling conducted by *The Scott Lawson Group, Ltd. (SLGL)*. Air clearance sampling was performed on July 11, 1907, for SAU #28 at Pelham High School, 85 Marsh Road, Pelham, New Hampshire.

In compliance with Asbestos Management and Control Regulation Chapter Env-A 1800, these analytical results are submitted to the State of New Hampshire, Department of Environmental Services, Air Resources Division, within 30 days of air clearance sampling for your records.

Should you have any questions regarding this project or the air clearance results, please contact our office at your earliest convenience.

Sincerely,

The Scott Lawson Group, Ltd.

Stephen L. Zabel, B.S.
Safety & Health Professional

Enclosure



The Scott Lawson Group, Ltd.

Environmental, Health and Safety Consultants

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AU #28
9 Haverhill Road
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SLGL Job #: 18648
Report Date: July 19, 2007
Date Received: July 13, 2007
Client Project: Pelham High School

Analysis: Airborne Fibers by Phase Contrast Microscopy

Methodology: NIOSH 7400, Issue 2

Analytical Results

Collected by: SLZ

SLGL Lab #	Sample Identification	Date Sampled	Date Analyzed	Air Volume Liters	Minutes	Fibers	Fields	Fibers/CC	8Hr-TWA Fibers/CC
46182	071107-18648-A05, Clearance, south end of hallway at tech area of school	07/11/2007	07/11/2007	1472.4	120	4.0	100	<0.00320	----
46183	071107-18648-A06, Clearance, center of hallway leading to tech area of school	07/11/2007	07/11/2007	1461.6	120	2.0	100	<0.00322	----
46184	071107-18648-A07, Clearance, north end of hallway leading to tech area at school	07/11/2007	07/11/2007	1466.4	120	1.5	100	<0.00321	----
46185	071107-18648-A08, Clearance, south end of classroom at end of tech area hallway	07/11/2007	07/11/2007	1460.4	120	2.0	100	<0.00323	----

Detection limit is a calculated value based on the NIOSH 7400 Phase Contrast Microscopy method of 10 fibers/100 fields. Analytical results have been corrected for any analytical field blank contamination that may have been found. SLGL AIHA #100088. SLGL laboratory certifications apply only to samples analyzed in-house.

= Combined 8 Hour Time-Weighted Average

< = Less than

Analyzed By: _____

Approved By: _____

Stephanie Roy
Stephanie Roy
COPY
Stephanie Roy, Lab Manager



The Scott Lawson Group, Ltd.

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SLGL Job #: 18648
Report Date: July 19, 2007
Date Received: July 13, 2007
Client Project: Pelham High School

Analysis: Airborne Fibers by Phase Contrast Microscopy

Methodology: NIOSH 7400, Issue 2

Analytical Results

Collected by: SLZ

SLGL Lab #	Sample Identification	Date Sampled	Date Analyzed	Air Volume		Fibers	Fields	Fibers/CC	8Hr-TWA Fibers/CC
				Liters	Minutes				
46186	071107-18648-A09, Clearance, north end of classroom at end of tech area hallway	07/11/2007	07/11/2007	1458.0	120	1.0	100	<0.00323	----
46187	071107-18648-A10, Analytical field blank	07/11/2007	07/11/2007	0.0	0	0.0	100	----	----
46188	071107-18648-A11, Analytical field blank	07/11/2007	07/11/2007	0.0	0	0.0	100	----	----

Detection limit is a calculated value based on the NIOSH 7400 Phase Contrast Microscopy method of 10 fibers/100 fields. Analytical results have been corrected for any analytical field blank contamination that may have been found. SLGL AIHA #100088. SLGL laboratory certifications apply only to samples analyzed in-house.

= Combined 8 Hour Time-Weighted Average

< = Less than

Analyzed By: _____

COPY
Steve Zabel
Stephanie Roy
Stephanie Roy, Lab Manager

Approved By: _____