

TOWN OF GLASTONBURY

BID #GL-2011-08

**PARKS & RECREATION OFFICES RENOVATIONS
2143 MAIN STREET
GLASTONBURY, CT 06033**

ADDENDUM #1

Dated: 04/14/2011

Bid Due Date 04/19/2011

11:00 a.m.

Please be advised that the following addendum has been provided to all bidders:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 17, 2011. Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form.

This Addendum consists of sixteen (16) pages.

QUESTION AND ANSWERS

1. **Question:** Who will be responsible for the disposal of fluorescent tubes and ballasts generated during the demolition work?
Answer: Contractor will provide number and types of tubes and the Town will provide collection drums and disposal.
2. **Question:** Who will be responsible for abatement of hazardous materials (lead, asbestos, etc)?
Answer: The Town will arrange for abatement of hazardous materials impacted by the work. The abatement contractor will coordinate abatement with specific demo plan as developed by Contractor. If the Contractor encounters suspect material during the course of the work the Contractor is responsible for identifying the suspect material to the Town.
3. **Question:** Is any portion of the building still used as a school?
Answer: There are no educational programs conducted in the building however, there are municipal offices and recreational programs in other areas of the building. The Contractor will be responsible for limiting his activity to within the limits of the work shown on the drawings and preventing dust and noise migration outside of the work area.

4. **Question:** Will the classrooms be emptied of furniture and equipment before work starts?
Answer: The Town will have the rooms emptied prior to the start of work.
5. **Question:** On Drawing A7 the height of the tile wainscot is indicated as 5'-8", however Drawing A11 indicates 4'-4". Please confirm which is correct. Also are all the walls to receive the wainscot or just the walls with plumbing fixtures?
Answer: Wall tile as indicated on Elevation 2/A7 is correct. All walls are to have wall tile and painted finish.
6. **Question:** There is no ceiling height for the ACT in Corridor 115, please provide.
Answer: 9'-6"
7. **Question:** There is a detail for the suspended portion of the gyp ceilings, however there is no detail for vertical faces of the gypsum board soffits. Please provide a detail.
Answer: Similar to Partition Type 1.2.
8. **Question:** Will we be allowed to use a propane operated bobcat in the building to do demolition or will all demo be hand work?
Answer: Fire Marshal has said that propane operated bobcats are not allowed in the buildings.
9. **Question:** Could you provide your minimum requirements for temporary partitions at the exterior wall removals so everyone is bidding the same scope?
Answer: Wood framed plywood enclosure only required at the contract limit line/end of corridor adjacent to IT server room. Security of construction area is responsibility of Contractor.
10. **Question:** Will Alternate #7 be added for the operable partition?
Answer: Operable partition is part of Base Bid.
11. **Question:** Where are the composite metal building panels per spec 07421 required?
Answer: Denoted as 'insulated spandrel panel' on Drawings.
12. **Question:** Are roller shades per spec 12494 intended for all exterior windows including Alternates? Are they required in Alternate #1 at the cafeteria?
Answer: Yes, the shades shall be included in pricing of the respective alternates and the cafeteria windows are an alternate.
13. **Question:** The Asbestos Survey is not in the specs. Is there anything on the demolition drawings that contain asbestos?
Answer: Yes, floor tile/mastic and pipe elbows in the tunnel. Abatement is by Town in coordination with Contractor.

14. **Question:** Verify that the GC does not need to provide a job trailer or temporary perimeter fencing.
Answer: Security of construction area responsibility of Contractor. Approval by Town.
15. **Question:** Are there any site drawings or more detailed information as to the extent of demo and replacement required for sidewalks and curbing?
Answer: The Demo Dwg A3 depicts any site demo and new work plan "patches to match" extg curb with regarding/seeding.
16. **Question:** Is Panel "O" to be 120/208 volts as shown on the Electrical Riser? The Panel Schedule shows it as 240/480 volts?
Answer: Panel 'O' shall be 120/208 volt rated.
17. **Question:** Is the new panel "O" to be fed from the existing MDP located in the Boiler Room of the Main Town Hall building?
Answer: Yes.
18. **Question:** If the new panel "O" is fed from the MDP, are we to supply a Step Down Transformer as the MDP appears to be 277/480 volts and a Transformer is not shown.
Answer: MDP in 1-Line diagram is incorrectly marked 480V. Gear is actually 208V and no transformer is required.
19. **Question:** What are the Electrical requirements for the Gym area? I see on the Mech drawings there are (2) AHU's shown as an alternate, but I can't find anything on the Electrical drawings.
Answer: Bid alternate includes AHU-1 & 2 and EF-1 & 2 as listed in the equipment schedule and Panel 'O' schedule. Refer to Drawing M1 for locations.
20. **Question:** How many fire extinguishers are required?
Answer: NO fire extinguishers are required as part of this contract.
21. **Question:** The projection screen is not shown on the drawings. Is there one?
Answer: Yes, it is centered on the South Wall of Multi-Purpose Room #2 123.
22. **Question:** Please supply the asbestos sampling report.
Answer: Attached
23. **Question:** What is the wall type of the walls marked for demo?
Answer: Block walls.
24. **Question:** Please verify the number and locations of the projection screens.
Answer: There is one (1) screen and centered on the South Wall of Multi-Purpose Room #2 123.
25. **Question:** Please verify the number and locations of the fire extinguishers.
Answer: See Question 20.

CHANGES/CLARIFICATIONS

DRAWING SK1, PROJECTION SCREEN DETAIL, has been added and is attached as part of this addendum.

DRAWING A4, FLOOR PLAN, Office Wing Floor Plan 1, Multi-Purpose Room #2 123, delete note regarding alternate bid. All work associated with operable partition to be included with base bid.

DRAWING A11, FINISH PLAN & SCHEDULES:

- Typical Wall Tile Pattern 3, revise the height of the wall tile “4’-4”” to read “5’-8””.
- Room Finish Schedule, Staff Toilet Room 120, Wall Finish, add “CWT” to all walls in addition to the “P-4”.

DRAWING E2, LIGHTING PLAN:

- Toilet Room 120, add connection from room lights to exhaust fan serving this room.
- Multi-Purpose Room #2 123, move specified F1 emergency light on South wall west to allow for projection screen installation.

DRAWING E3, POWER PLAN, Multi-Purpose Room #2 123: Move specified horn/strobe on South wall west to allow for projection screen installation. Provide 120V connection from room receptacle circuit to projection screen installed in ceiling at South wall. Provide box for and installation of screen control switch furnished with unit.

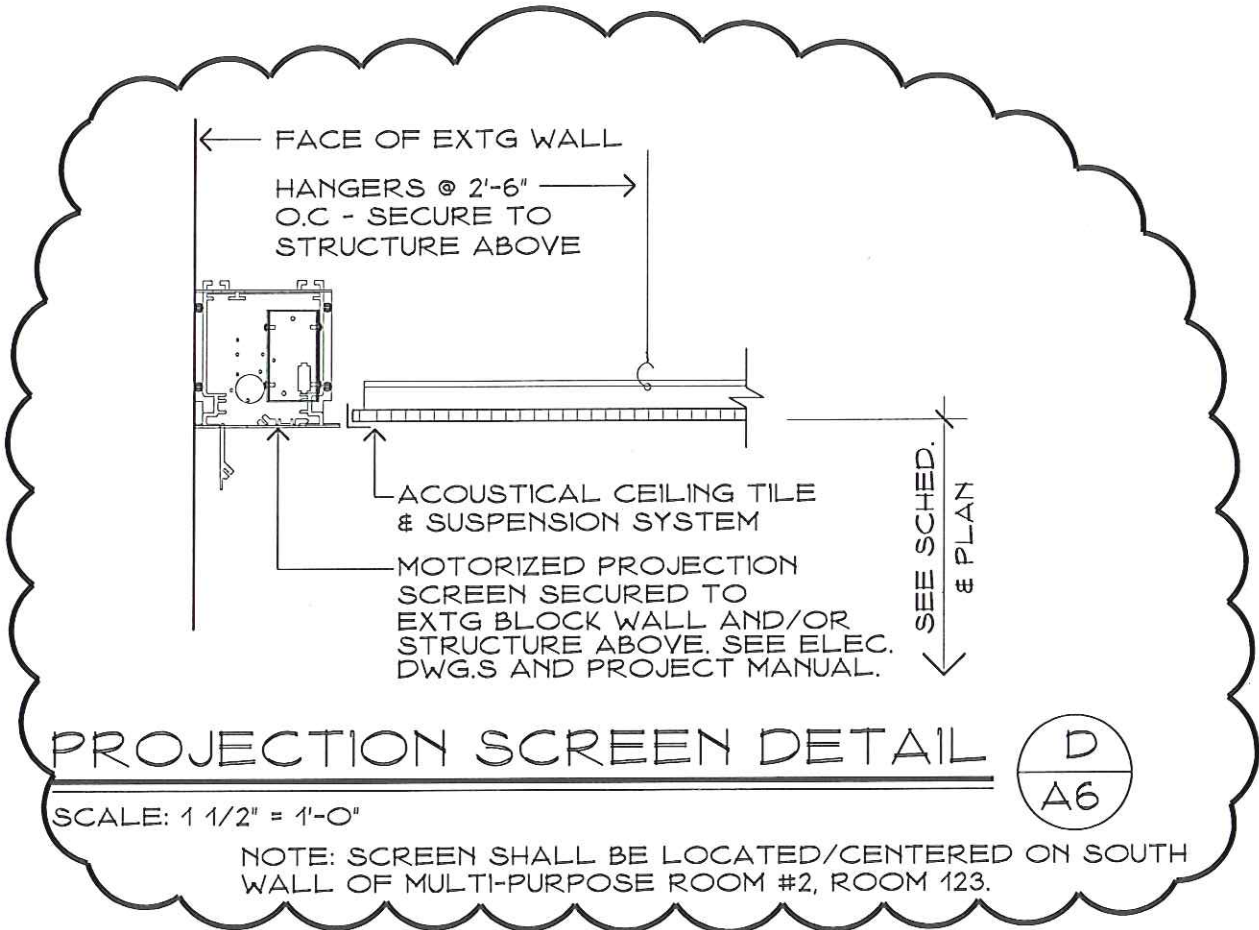
DRAWING E4, ELECTRICAL SCHEDULES:

- Equipment Schedule: Change RTU-1 breaker to 80 amp. Change RTU-2 and -3 breakers to 50 amp. Note that AHU-1 & -2 and EF-1 & -2 are to be included in the mechanical bid alternate that provides new equipment for the Gym.
- Panel ‘O’ Schedule: Change RTU breakers as noted above.

END OF ADDENDUM NO. 1

BID DUE DATE REMAINS UNCHANGED

Contractors are responsible for acknowledging receipt of the addendum on the submitted bid form.



ADDENDUM #1

ADDENDUM #1

Project Title

Town of Glastonbury
Town Recreation Offices
2143 Main Street,
Glastonbury, CT



SILVER /
PETRUCCI +
ASSOCIATES
Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2349
Tel. 203 239 9007 Fax 203 239 8247
silverpetrucci.com

Drawing Title

Projection
Screen Detail

Date

4.14.11

Scale

1-1/2" = 1'-0"

Drawn By:

DW

Project Number:

10.083

Drawing Number

SK
1

ASBESTOS BULK SAMPLING
Town of Glastonbury

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APPENDICES

APPENDIX A - LABORATORY REPORT

1.0 INTRODUCTION

On October 17, 2008, Fuss & O'Neill EnviroScience, LLC (EnviroScience) Environmental Technician II, Ethan T. Platt, performed bulk sampling of the following materials: pipe insulating on window glazing and transite. The sampling was performed in order to identify any visible asbestos-containing materials (ACM).

Suspect visible and accessible ACM was samples to determine asbestos-containing material. Materials that were sampled were analyzed by Polarized Light Microscopy (PLM).

2.0 RESULTS

Utilizing the USEPA protocol and criteria, the following materials were determined to be ACM:

MATERIAL TYPE	LOCATION	SAMPLE ID	ASBESTOS CONTENT
Mudded Insulation on Pipe Fittings	New "Locker" Area	1017EtP01A	5% Chrysotile
Heating Pipe Insulation Debris	New "Conference" Area	1017EtP03A	15% Amosite
Heating Pipe Insulation	New "Conference" Area	1017EtP04A	20% Amosite
Transite Soffit	Southside "B" Door-Exterior	1017EtP06A	30% Chrysotile

Utilizing the USEPA protocol and criteria, the following materials were determined to be non-ACM:

MATERIAL TYPE	LOCATION	SAMPLE ID
Paper Pipe Wrap Insulation	New "Locker" Area	1017EtP02A-C
Window Glazing Compound	New "Facilities Office" -Windows	1017EtP05A-C

3.0 DISCUSSION

Sample analyses results are reported in percentages of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent (>1%) asbestos, utilizing PLM, as being an ACM. Materials that are identified as "none detected" are specified as not containing asbestos. It is usually recommended that materials identified as containing less than one percent (<1%) asbestos be analyzed further. This is because PLM is known to miss asbestos in a small percentage of samples that contain relatively low percentages of asbestos. The use of an electron microscope will definitely determine asbestos concentrations in samples with low asbestos content.

4.0 CONCLUSION

During the course of the inspection, eighteen (18) bulk samples of suspect ACM were collected. Both friable and non-friable ACM were identified during the survey. Friability defines the condition of ACM and its potential to release asbestos fibers into the air. Friable ACM can be crumbled under moderate hand pressure and has the potential to release fibers into the air. Conversely, non-friable ACM cannot be crumbled under moderate hand pressure and, hence, does not release fibers into the air. Whether friable or non-friable, all ACM that will be




does not release fibers into the air. Whether friable or non-friable, all ACM that will be impacted during renovation or demolition activities must be removed prior to work commencing in that area.

Report prepared by Fuss & O'Neill EnviroScience's Environmental Technician II, Ethan T. Platt.

Reviewed by:


Stephen W. Connelly
Sr. Vice President


Ashis Roychowdhury
Project Manager



APPENDIX A
LABORATORY REPORT



FUSS & O'NEILL
EnviroScience, LLC

795 North Mountain Road, Newington, CT 06111

0408 26924

www.fuso.com

(860) 953-2700 Fax (860) 953-3203

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 2

Project Name: Glastonbury Town Hall / Old Academy Building

Project No. 20071004.AYE

Building: 2143 Main Street, Glastonbury CT

Project Manager: Stephen Connelly

Sample ID	Sample Location	Material	Result (%)
1017 EtP 01 A	New "Laker" area (at top of wall)	Pipe Insulation elbow	
1017 EtP 01 B			
1017 EtP 01 C			
1017 EtP 02 A	New "Laker" area (at top of wall)	Pipe Insulation - Paper wrap (over fireproof)	
1017 EtP 02 B			
1017 EtP 02 C			
1017 EtP 03 A	New "Conference" area (at top of wall)	Heating pipe Elbow (Debris)	
1017 EtP 03 B			
1017 EtP 03 C			

Continued on next page

Analysis Method: PLM Other

Turnaround Time 24 hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 10/21/2008. Please call the EnviroScience Laboratory if analyses will be late at (860) 953-2700.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Step analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content >4%, positive stop on all point counts.

Samples collected by: Ethan P. Platt Date: 10/17/2008

Time: 12:00

Samples (Rec'd) [Sent by] | | Date: | | Time: | |

Samples Received by: DM-EX-107A Date: | | Time: | |

Shipped To: EMSL State New Jersey

Other

Method of Shipment: Fed Ex UPS Overnight UPS Ground Other

City/State and Street/EPA/Design/EPA/Enviro/ASB/Asbestos Bulks/Chain of Custody/rev 0407.doc

SAMPLES ACCEPTED
FOR ANALYSIS BY
EMSL ANALYTICAL INC



FUSS & O'NEILL
EnviroScience, LLC

040826924

www.fandc.com

795 North Mountain Road, Newington, CT 06111

(860) 953 2700 Fax (860) 953 3203

SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 2

Project Name: Glastonbury Town Hall / Old Academy Building

Project No: 20071004: A4E

Building: 2143 Main Street, Glastonbury CT

Project Manager: Stephen Connelly

Sample ID	Sample Location	Material	Result (%)
1017 EtP 04 A	New "Conference" area (at top of wall)	Heating Pipe Insulation (horizontal)	
1017 EtP 04 B			
1017 EtP 04 C			
1017 EtP 05 A	New "facility office" windows	window glazing compound	
1017 EtP 05 B			
1017 EtP 05 C			
1017 EtP 06 A	South side - exterior A-Door overhang (S.I.)	Transite	
1017 EtP 06 B			
1017 EtP 06 C			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			

SAMPLES ACCEPTED FOR ANALYSIS BY
 EMSE ANALYTICAL, INC.

Continued on next page.



EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08463

Phone: (856) 388-4963 Fax: (856) 353-1866 Email: westmont@ctlab.EMSL.com

Attn: **Ethan Platt**
Fuss & O' Neill EnviroScience, LLC
795 North Mountain Road
Newington, CT 06111

Fax: (413) 647-0018 Phone: (860) 953-2700
 Project: 20071004.A4E

Customer ID: ENV154
 Customer PO:
 Received: 10/18/08 10:00 AM
 EMSL Order: 040826924

EMSL Proj:
 Analysis Date: 10/20/2008
 Report Date: 10/20/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1017ETP01A 040826924-0001	NEW LOCKER AREA (AT TOP OF WALL)	Brown Fibrous Heterogeneous	40% Min. Wool	55% Non-fibrous (other)	5% Chrysotile
1017ETP01B 040826924-0002	NEW LOCKER AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP01C 040826924-0003	NEW LOCKER AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP02A 040826924-0004	NEW LOCKER AREA (AT TOP OF WALL)	White/Black/Silver Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
1017ETP02B 040826924-0005	NEW LOCKER AREA (AT TOP OF WALL)	Brown/Black/Silver Fibrous Heterogeneous	30% Cellulose 10% Min. Wool	60% Non-fibrous (other)	None Detected
1017ETP02C 040826924-0006	NEW LOCKER AREA (AT TOP OF WALL)	White/Black/Silver Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
1017ETP03A 040826924-0007	NEW CONFERENCE AREA (AT TOP OF WALL)	Brown/White Fibrous Heterogeneous	10% Cellulose	75% Non-fibrous (other)	15% Amosite

Analyst(s)

Jerry Cherian (10)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



EMSL Analytical, Inc.
 107 Haddon Ave., Westmont, NJ 08108
 Phone: (856) 253-4300 Fax: (856) 253-4900 Email: westmont@emsl.com

Attn: Ethan Platt
Fuss & O' Neill EnviroScience, LLC
795 North Mountain Road
Newington, CT 06111

Fax: (413) 647-0018 Phone: (860) 953-2700
 Project: 20071004.A4E

Customer ID: ENVI54
 Customer PO:
 Received: 10/18/08 10:00 AM
 EMSL Order: 040826924
 EMSL Proj:
 Analysis Date: 10/20/2008
 Report Date: 10/20/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1017ETP03B 040826924-0008	NEW CONFERENCE AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP03C 040826924-0009	NEW CONFERENCE AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP04A 040826924-0010	NEW CONFERENCE AREA (AT TOP OF WALL)	White Fibrous Heterogeneous		80% Non-fibrous (other)	20% Amosite
1017ETP04B 040826924-0011	NEW CONFERENCE AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP04C 040826924-0012	NEW CONFERENCE AREA (AT TOP OF WALL)				Stop Positive (Not Analyzed)
1017ETP05A 040826924-0013	NEW FACILITY OFFICE WINDOWS	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

SUGGEST ITEM

Analyst(s)

Jerry Cherian (10)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



EMSL Analytical, Inc.

107 Haddon Ave., Westmont, NJ 08108

Phone: (956) 363-4700 Fax: (956) 253-4800 Email: westmont@emsl.com

Attn: **Ethan Platt**
Fuss & O' Neill EnviroScience, LLC
795 North Mountain Road
Newington, CT 06111

Fax (413) 647-0018 Phone: (860) 953-2700
 Project: 20071004.A4E

Customer ID: ENV154
 Customer PO:
 Received: 10/18/08 10:00 AM
 EMSL Order: 040826924
 EMSL Proj:
 Analysis Date: 10/20/2008
 Report Date: 10/20/2008

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1017ETP05B 040826924-0014	NEW FACILITY OFFICE WINDOWS	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			SUGGEST TEM		
1017ETP05C 040826924-0015	NEW FACILITY OFFICE WINDOWS	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
			SUGGEST TEM		
1017ETP06A 040826924-0016	SOUTH SIDE- EXTERIOR B- DOOR OVER HANF (SOFIT)	Brown/Gray Fibrous Heterogeneous		70% Non-fibrous (other)	30% Chrysotile
1017ETP06B 040826924-0017	SOUTH SIDE- EXTERIOR B- DOOR OVER HANF (SOFIT)				Stop Positive (Not Analyzed)
1017ETP06C 040826924-0018	SOUTH SIDE- EXTERIOR B- DOOR OVER HANF (SOFIT)				Stop Positive (Not Analyzed)

Analyst(s)

Jeny Cherian (10)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872



SAMPLE LOG FOR ASBESTOS BULKS

Sheet 1 of 2

Project Name: Glastonbury Town Hall / Old Academy Building

Project No. 20071004.A/E

Building: 2143 Main Street, Glastonbury CT

Project Manager: Stephen Connelly

Sample ID	Sample Location	Material	Result (%)
1017 EtP 01 A	New "Locker" area (at top of well)	Pipe Insulation elbow	
1017 EtP 01 B			
1017 EtP 01 C	o	o	
1017 EtP 02 A	New "Locker" area (at top of well)	Pipe Insulation - Paper wrap (Cover Fibreglass)	
1017 EtP 02 B			
1017 EtP 02 C	o	o	
1017 EtP 03 A	New "Conference" area (at top of well)	Heating pipe Elbow (Debris)	
1017 EtP 03 B			
1017 EtP 03 C	o	o	

Continued on next page

Analysis Method: PLM Other

Turnaround Time 24 hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 10/21/2008. Please call the EnviroScience Laboratory if analyses will be late at (860) 953-2700.

Fax Results to the EnviroScience Laboratory at: 413-647-0018.

Special Instruction: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated. EPA 400 point count all samples of asbestos content <4% positive stop on all point counts.

Samples collected by: Ethan T. Platt Date: 10/17/2008 Time: 17⁰⁰

Samples [Rec'd][Sent by] [] [] Date: [] [] Time: [] []

Samples Received by: _____ Date: _____ Time: _____

Shipped To: EMSL State New Jersey Other _____

Method of Shipment: Fed Ex UPS Overnight UPS Ground Other



SAMPLE LOG FOR ASBESTOS BULKS

Sheet 2 of 2

Project Name: Glastonbury Town Hall / Old Academy Building

Project No. 20071004.A4E

Building: 2143 Main Street, Glastonbury CT

Project Manager: Stephen Connelly

Sample ID	Sample Location	Material	Result (%)
1017 EtP 04 A	New "Conference" area (at top of wall)	Heating Pipe Insulation (fiberglass)	
1017 EtP 04 B			
1017 EtP 04 C			
1017 EtP 05 A	New "facility office" windows	window glazing compound	
1017 EtP 05 B			
1017 EtP 05 C			
1017 EtP 06 A	South side - exterior 8-door overhang (subst.)	Transite	
1017 EtP 06 B			
1017 EtP 06 C			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			
1017 EtP			

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