



SIERRA ENVIRONMENTAL GROUP, INC.

July 20, 2021

Mr. Devin Huff
Maintenance Supervisor
Ross Local Schools
3371 Hamilton-Cleves Road
Hamilton, Ohio 45013
(513) 633-4833

RE: Summary of Clearance Inspection and Clearance Air Monitoring
Ross Local Schools Administration Building – Rooms 102 A, 222 & 229
3371 Hamilton-Cleves Road
Hamilton, Ohio 45013
Sierra Project Number: Ross.007

Dear Mr. Huff:

On July 19, 2021, Mr. Mr. Chris Fath (Ohio Environmental Protection Agency Certified Asbestos Hazard Evaluation Specialist #ES543923) of Sierra Environmental Group, Inc., (Sierra) performed clearance inspections and final clearance air monitoring services relating to the removal of specified asbestos-containing wall plaster from Rooms 222, 229 and hallway outside Room 102A at the above referenced location. Environmental Demolition Group, LLC (EDG) was selected by the owner to perform the asbestos removal activities.

Before clearance air samples were collected, Sierra's on-site representative performed a comprehensive visual inspection to determine if all specified asbestos-containing material had been satisfactorily decontaminated so as to be free of any visible dust. After it was determined that this material was removed and the work areas decontaminated, clearance air samples were collected.

Five aggressive clearance samples were collected from each of the regulated work areas where the work was performed and analyzed in accordance with the NIOSH 7400 method by Phase Contrast Microscopy (PCM). The results of Rooms 222, 229 and hall outside Room 102A air samples were all within the 0.01 fibers/cc of air level required for clearance by this method. Sierra notified Ross Local Schools and EDG that these work areas passed air clearance and that the regulated areas are clear for re-occupancy.

Enclosed are the following Sierra documents: 1) Air Sampling Records; 2) Pre-Clearance Visual Inspection forms; 3) Laboratory Report; 4) Floor Plans and 5) Inspector's Certification.

Sierra appreciates this opportunity to provide Ross Local Schools with asbestos management services. If you have any questions about this report, or if Sierra can be of additional services, please call us at (513) 542-5323.

Sincerely

SIERRA ENVIRONMENTAL GROUP, INC.

Todd Taylor, #ES32139
President

SIERRA ENVIRONMENTAL GROUP, INC. DAILY AIR SAMPLING RECORD

(Please Print Neatly)

Client: Ross Local Schools		Project Contact: Devin Huff		Location: Ross Local Schools Administration Building, 3371 Hamilton-Cleves Road, Hamilton, Ohio 45013		Sierra Representative: Chris Fath						
Project #: Ross.007		Microscope Field Area: 0.00785 sq mm other sq mm		PCM Filter: 0.8µm 25mm Mft. Lot# 0.8µm 37 mm Lot#		TEM Filter: MCE <0.45µm 25mm Mft. PC <0.45µm 37mm Lot#						
Date: 7/19/2021	Means of Pump Calibration: TSI 4199											
Sample #	Type	Sample Description	Activity	Time (24 Hour Clock)		Flow Rate (L/Min)	Air Volume (Liters)	# Fibers Per # Fields Minus Ave. Blank Count	Fibers/cc			
Pump #		Location		Start	Stop	Total Minutes	Start	Stop	Average			
1	FB	Field Blank	***	***	***	***	***	***	***	NA		
2	FB	Field Blank	***	***	***	***	***	***	***	NA		
3	IWA	Hall outside Room 102 A	Clearance	11:05	1:15	130	9:79	9:82	9:81	1275	5.5/100	<0.005
4	IWA	Hall outside Room 102 A	Clearance	11:06	1:17	131	9:69	9:73	9:71	1272	13/100	0.005
5	IWA	Hall outside Room 102 A	Clearance	11:06	1:17	131	9:73	9:75	9:74	1276	4/100	<0.005
6	IWA	Hall outside Room 102 A	Clearance	11:06	1:18	132	9:81	9:84	9:83	1298	3/100	<0.005
7	IWA	Hall outside Room 102 A	Clearance	11:07	1:18	131	9:72	9:79	9:78	1281	10/100	<0.005
Blind Recount												
Collected by: Chris Fath		Date: 7/19/2021 Time:		Relinquished by:				Date: Time:				
Received by:		Date: Time:		Analyzed by: EHS Labs				Date: 7/20/2021 Time:				

Please use reverse side of form for sampling location diagram.

KEY TO ABBREVIATIONS:

SAMPLE TYPE: P = personal; IWA = inside work area; OWA = outside work area; BG = background;
HEX = hepa exhaust; CL = clearance.

SIERRA ENVIRONMENTAL GROUP, INC. DAILY AIR SAMPLING RECORD

(Please Print Neatly)

Client: Ross Local Schools		Project Contact: Devin Huff		Location: Ross Local Schools Administration Building, 3371 Hamilton-Cleves Road, Hamilton, Ohio 45013		Sierra Representative: Chris Fath						
Project #: Ross.007												
Date: 7/19/2021	Means of Pump Calibration: TSI 4199		Microscope Field Area: 0.00785 sq mm other _____ sq mm		PCM Filter: 0.8µm 25mm Mfl. _____ 0.8µm 37 mm Lot# _____		TEM Filter: MCE _____<0.45µm 25mm Mfl. _____ PC _____<0.45µm 37mm Lot# _____					
Sample #	Type	Sample Description	Activity	Time (24 Hour Clock)		Flow Rate (L/Min)		Air Volume (Liters)	# Fibers Per # Fields Minus Ave. Blank Count	Fibers/cc		
Pump #		Location		Start	Stop	Total Minutes	Start	Stop	Average			
13	IWA	Room 229, break area	Clearance	11:25	1:35	130	9:79	9:85	9.82	1277	1/100	<0.005
14	IWA	Room 229, break area	Clearance	11:26	1:36	130	9:76	9:79	9.78	1271	2/100	<0.005
15	IWA	Room 229, break area	Clearance	11:26	1:37	131	9:81	9:85	9.83	1288	7/100	<0.005
16	IWA	Room 229, break area	Clearance	11:27	1:37	130	9:83	9:86	9.85	1281	2.5/100	<0.005
17	IWA	Room 229, break area	Clearance	11:27	1:38	131	9:69	9:74	9.72	1273	5.5/100	<0.005
Collected by: Chris Fath		Date: 7/19/2021 Time:		Relinquished by:		Date: Time:						
Received by:		Date: Time:		Analyzed by: EHS Labs		Date: 7/20/2021 Time:						

Please use reverse side of form for sampling location diagram.

KEY TO ABBREVIATIONS:

SAMPLE TYPE: P = personal; IWA = inside work area; OWA = outside work area; BG = background;
HEX = hepa exhaust; CL = clearance.

SIERRA ENVIRONMENTAL GROUP, INC. PRE-CLEARANCE VISUAL INSPECTION

(Please Print Neatly)

Client: Ross Local Schools	Project Contact: Devin Hutz	Location: 3371 Hamilton Clavys Rd. Hamilton, Ohio 45013	Sierra Representative: Christopher Fath
Project #: Ross.002	Time: 10:30	Contractor Foreman (Name and Company): Victor Done, EDC	Work Area: Room 229
Date: 7-14-21			

Inspection:

X First Inspection

Reinspection

Contractor Certification of Visual Inspection

In accordance with the asbestos abatement workplan/specifications, the Contractor hereby certifies that he has visually inspected the Work Area (all surfaces, including pipes, beams, ledges, walls, ceiling and floor, decontamination unit, sheet plastic, etc.), and has found no dust and/or debris.

Contractor's Foreman or Representative:

Victor Done

(Print Name)

(Signature)

Sierra Representative's Certification of Visual Inspection

1. No visible debris on walls and floors.
2. No visible debris between deck and beams.
3. No visible debris behind perimeter columns.
4. No visible debris on top of ducts.
5. No visible debris on hangers, rods, lights.
6. No visible debris on surfaces covered by poly.
7. No visible debris on pipes.
8. All bags of waste removed from work area.
9. All equipment clean, including underside of negative air units.
10. Negative pressure differential ≥ 0.02 inches of water.
11. Airless spray equipment used for encapsulation.
12. The area suitable for encapsulation.

Proceed with encapsulation:

Yes

No

Comments:

Not visible debris on floor or walls. Ceiling in Break area has been scraped flat and encapsulated.

Sierra Representative:

Christopher Fath

(Print Name)

(Signature)

SIERRA ENVIRONMENTAL GROUP, INC. PRE-CLEARANCE VISUAL INSPECTION

(Please Print Neatly)

Client: <u>Ross Law School</u>	Project Contact: <u>Devin Huff</u>	Location: <u>3371 Hamlet Ave, Rd. Hamlet, OH 45013</u>	Sierra Representative: Christopher Fath
Project #: <u>Ross.007</u>	Time: <u>10:45</u>	Contractor Foreman (Name and Company): <u>Victor Done, EDC</u>	Work Area: <u>Room 222</u>
Date: <u>7-19-21</u>			

Inspection:

X First Inspection

Reinspection

Contractor Certification of Visual Inspection

In accordance with the asbestos abatement workplan/specifications, the Contractor hereby certifies that he has visually inspected the Work Area (all surfaces, including pipes, beams, ledges, walls, ceiling and floor, decontamination unit, sheet plastic, etc.), and has found no dust and/or debris.

Contractor's Foreman or Representative:

Victor Done
(Print Name)

(Signature)

Sierra Representative's Certification of Visual Inspection

1. No visible debris on walls and floors.
2. No visible debris between deck and beams.
3. No visible debris behind perimeter columns.
4. No visible debris on top of ducts.
5. No visible debris on hangers, rods, lights.
6. No visible debris on surfaces covered by poly.
7. No visible debris on pipes.
8. All bags of waste removed from work area.
9. All equipment clean, including underside of negative air units.
10. Negative pressure differential ≥ 0.02 inches of water.
11. Airless spray equipment used for encapsulation.
12. The area suitable for encapsulation.

Proceed with encapsulation: Yes No

Comments:

No visible on floors or walls. Some of Plaster removed on wall
D. Encap applied to the whole area

Sierra Representative:

Christopher Fath
(Print Name)

(Signature)

SIERRA ENVIRONMENTAL GROUP, INC. PRE-CLEARANCE VISUAL INSPECTION

(Please Print Neatly)

Client: <u>Rossblum Schools</u>	Project Contact: <u>Devin Huff</u>	Location: <u>3371 Hamilton Cloves Rd. Hamilton, OH 45013</u>	Sierra Representative: <u>Christopher Fath</u>
Project #: <u>RCS5.007</u>	Time: <u>10:55</u>	Contractor Foreman (Name and Company): <u>Victor Done, EDG</u>	Work Area: <u>Room 102A Doorway</u>
Date: <u>7-19-21</u>			

Inspection:

X First Inspection _____ Reinspection _____

Contractor Certification of Visual Inspection

In accordance with the asbestos abatement workplan/specifications, the Contractor hereby certifies that he has visually inspected the Work Area (all surfaces, including pipes, beams, ledges, walls, ceiling and floor, decontamination unit, sheet plastic, etc.), and has found no dust and/or debris.

Contractor's Foreman or Representative:

Victor Done
(Print Name)

[Signature]
(Signature)

Sierra Representative's Certification of Visual Inspection

1. No visible debris on walls and floors.
2. No visible debris between deck and beams.
3. No visible debris behind perimeter columns.
4. No visible debris on top of ducts.
5. No visible debris on hangers, rods, lights.
6. No visible debris on surfaces covered by poly.
7. No visible debris on pipes.
8. All bags of waste removed from work area.
9. All equipment clean, including underside of negative air units.
10. Negative pressure differential ≥ 0.02 inches of water.
11. Airless spray equipment used for encapsulation.
12. The area suitable for encapsulation.

Proceed with encapsulation: _____ Yes _____ No

Comments:

No visible debris on walls or floor. Small area of wall was removed. Encap has been applied to areas that have been disturbed.

Sierra Representative:

Christopher Fath
(Print Name)

[Signature]
(Signature)



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Fiber Count Analysis Report

Client: Sierra Environment Group Inc.
1041 Straight Street
Cincinnati, OH 45214

Report Number: 21-07-02725

Received Date: 07/20/2021

Analyzed Date: 07/20/2021

Reported Date: 07/20/2021

Project/Test Address: Ross.007; 3371 Hamilton Cleves Rd; Hamilton, OH

Client Number:

36-6195

Fax Number:

513-542-6653

Laboratory Results

Lab Sample Number	Client Sample Number	Volume Liters (L)	Fibers/Fields	Fibers/mm2	Fibers/CC	Narrative ID
21-07-02725-001	1	0.000	0.0 / 100	<7.6	---	
21-07-02725-002	2	0.000	0.0 / 100	<7.6	---	
21-07-02725-003	3	1280	5.5 / 100	<7.6	<0.005	
21-07-02725-004	4	1270	13.0 / 100	16.6	0.005	
21-07-02725-005	5	1280	4.0 / 100	<7.6	<0.005	
21-07-02725-006	6	1300	3.0 / 100	<7.6	<0.005	
21-07-02725-007	7	1280	10.0 / 100	12.7	<0.005	
21-07-02725-008	8	1260	3.5 / 100	<7.6	<0.005	
21-07-02725-009	9	1280	5.0 / 100	<7.6	<0.005	
21-07-02725-010	10	1260	0.0 / 100	<7.6	<0.005	
21-07-02725-011	11	1260	3.0 / 100	<7.6	<0.005	
21-07-02725-012	12	1280	1.0 / 100	<7.6	<0.005	
21-07-02725-013	13	1280	1.0 / 100	<7.6	<0.005	
21-07-02725-014	14	1270	2.0 / 100	<7.6	<0.005	
21-07-02725-015	15	1290	7.0 / 100	8.9	<0.005	
21-07-02725-016	16	1280	2.5 / 100	<7.6	<0.005	
21-07-02725-017	17	1270	5.5 / 100	<7.6	<0.005	

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 21-07-02725

Project/Test Address: Ross.007; 3371 Hamilton Cleves Rd; Hamilton,
OH

Lab Sample Number	Client Sample Number	Volume Liters (L)	Fibers/Fields	Fibers/mm2	Fibers/CC	Narrative ID
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Method: NIOSH 7400, Issue 2, 08-15-94

Analyst: Mark Case

Reviewed By Authorized Signatory:



Tasha Eaddy

QA/QC Clerk

Intralaboratory Sr for fiber count ranges 5-20, >20-50, and >50-100 respectively are 0.344, 0.332, 0.311

Individual Analyst Sr for fiber count ranges 5-20, >20-50, and >50-100 respectively are 0.266, 0.215, 0.246.

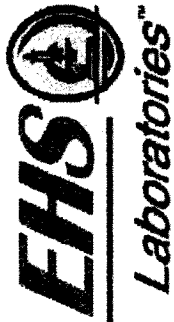
New York State requires a minimum sample volume of 1000L for PCM clearance samples.

NOTE: The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. Results listed above in Fibers/CC are based on air volume supplied by the client. The submission of blank samples is required by sampling methodologies. EHS sample results are blank corrected, per NIOSH 7400, when the client submits blank samples. If the report does not contain the result for a field blank, it is because the client did not include a field blank with their samples. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Services, L.L.C.

Method Level of Detection: 7.64 fibers/mm2.

AIHA-LAP, LLC (100420)

LEGEND	L = liters	fibers/mm ² = fibers per square millimeter
	fibers/cc = fibers per cubic centimeter	



Environmental Hazards Services, LLC
www.leadlab.com 7469 Whitepine Rd
(800) 347-4010 Richmond, VA 23237
(804) 275-4907 (fax)

Asbestos Chain-of-Custody

21-07-02725



Due Date:
07/20/2021
(Tuesday)
AE M Inv

17 PCM

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214
Phone: (513) 542-5323 Fax: () E-mail: Acct. Number: 36-6195
Project Name / Testing Address: Ross, 007 3371 Hamilton Loves Rd. City/State (Required): Hamilton, OH
Collected by: Christopher Farn Purchase Order Number

Turn Around Times : If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

1 - Day 2 - Day 3 - Day ASAP + Same Day (Must Call Ahead) Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			COMMENTS		
			PM	PM/Post Cure 400	PM/Post Cure 1000	PM NY Protocol	PM	TEM Certified (Bulk)	TEMAHERA (Air)	Time On	Time Off		Flow Rate (L/min)	Total Time (minutes)
1	1	7-19-21					X						Blank	
2	2	"					X						"	
3	3	"					X						1275	H ₂ 11 outside Room 1024
4	4	"					X						1272	"
5	5	"					X						1276	"
6	6	"					X						1298	"
7	7	"					X						1281	"
8	8	"					X						1265	Room 222
9	9	"					X						1281	"
10	10	"					X						1260	"

Released by: Christopher Farn Signature: *Christopher Farn* Date/Time: 7-19-21
Received by: Traai Bloom Signature: *Traai Bloom* Date/Time: 7/20/21 1041 AM



EHS Laboratories™

Environmental Hazards Services, LLC
www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA 23237
(804)275-4907 (fax)

Asbestos Chain-of-Custody

~ For Lab Use Only ~

09725

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214
Phone: (513) 542-5323 Fax: () E-mail: Acct. Number: 36-6195
Project Name / Testing Address: Ross-007 3371 Hamilton Claves Rd. City/State (Required): Hamilton, OH
Collected by: Christopher Fahn Purchase Order Number: _____

Turn Around Times: ASAP X Same Day (Must Call Ahead) _____ Weekend (Must Call Ahead) _____
1 - Day 2 - Day 3 - Day

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS	
			PM	PM Post Count 400	PM Post Count 1000	PM NY Protocol	PCM	TEM Certified (Bulk)	TEMAHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	11	7-19-21					X						1264	11
2	12	11					X						1275	11
3	13	11					X						1277	Room 229
4	14	11					X						1271	61
5	15	11					X						1288	11
6	16	11					X						1281	61
7	17	11					X						1273	11
8														
9														
10														

Released by: Christopher Fahn Signature: _____ Date/Time: 7-19-21
Received by: Tina Bloom Signature: _____ Date/Time: 7/20/21 1043 AM

