

CERTIFICATE OF ANALYSIS

Chain of Custody: 341712
Client: Maximus Environmental
Address: 1010 Rockville Pike Suite 200
Attention: Kiki Muse

Job Name: DC Court Recorder of Deeds
Job Location: 515 D Street NW, Washington, DC
Job Number: 694-05-08
P.O. Number: DCSC-20-RFP-008

Date Submitted: 09-15-2023
Date Analyzed: 09-18-2023
Report Date: 09-18-2023
Date Sampled: 09-15-2023
Person Submitting: Rodney Distance

NY ELAP
Lab ID 10920

Summary of Transmission Electron Microscopy

Filter Type:		MCE			Pore Size:			0.45 um		Filter Size:		25 mm (385 mm2)	
AMA Sample	Client Sample	Volume (L)	Area Analyzed (mm²)	Analytical Sensitivity s/cc	Asbestos			# Non Asbestos Structures	Concentration		Sample Type	Comments	
					Amount/Type	<5um	>=5um		s/mm²	s/cc			
341712-1	091523-DCC-01	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-2	091523-DCC-02	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-3	091523-DCC-03	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-4	091523-DCC-04	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-5	091523-DCC-05	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-6	091523-DCC-06	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-7	091523-DCC-07	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-8	091523-DCC-08	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-9	091523-DCC-09	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-10	091523-DCC-10	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-11	091523-DCC-11	1235	0.07	0.0045	1 Chry	1	0	0	14	0.0045	IWA		
341712-12	091523-DCC-12	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-13	091523-DCC-13	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-14	091523-DCC-14	1235	0.07	0.0045	1 Chry	0	1	0	14	0.0045	IWA		
341712-15	091523-DCC-15	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA		
341712-19	091523-DCC-16	1235	0.0	--	--			--	--	--	OWA	Sample not analyzed.	
341712-20	091523-DCC-17	1235	0.0	--	--			--	--	--	OWA	Sample not analyzed.	
341712-21	091523-DCC-18	1235	0.0	--	--			--	--	--	OWA	Sample not analyzed.	
341712-22	091523-DCC-19	1235	0.0	--	--			--	--	--	OWA	Sample not analyzed.	
341712-23	091523-DCC-20	1235	0.0	--	--			--	--	--	OWA	Sample not analyzed.	
341712-24	091523-DCC-21	0	0.0	--	--			--	--	--	BLK	Sample not analyzed.	
341712-25	091523-DCC-22	0	0.0	--	--			--	--	--	BLK	Sample not analyzed.	
341712-26	091523-DCC-23	0	0.0	--	--			--	--	--	BLK	Sample not analyzed.	

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Summary of Transmission Electron Microscopy

Analytical procedures used meet or exceed the AHERA "Interim Transmission Electron Microscopy Analytical Methods" protocol described in Appendix A to Subpart E of 40 CFR Part 763 No. III.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy

Uncertainty and 95% confidence limits (n_u and n_L) for the air concentration are based on a Poisson distribution of fibers counted on the filter. It is dependent on the mean number of fibers counted (\bar{n}), standard deviation (s), the number of grid openings (k) and the confidence interval (t).

Upper Limit n_u : $\bar{n} + ts/\sqrt{k}$

Lower Limit n_L : $\bar{n} - ts/\sqrt{k}$

Calculated confidence limit concentrations as well as the Poisson table are available upon request.

Analyst(s): Marcela Gutierrez



Technical Director Andreas Saldivar

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.



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Focused on Results

www.amalab.com

AIHA-LAP (#100470) NVLAP (#101143-0) NY ELAP (10920)

4475 Forbes Blvd. • Lanham, MD 20706

(301) 459-2640 • (800) 346-0961 • Fax (301) 459-2643

CHAIN OF CUSTODY

(Please Refer To This
Number For Inquires)

341712

AMA Client Information:

- Client Name: Maximus Environmental
- Address 1: 1010 Rockville Pike Suite 200
- Address 2: Rockville MD 20852
- Billing Email: Maximv@maxim.com
- Phone #: 301-838-2730

Submittal Information:

- Job Name: DC Court Recorder of Deeds
- Job Location: 315 D Street NW Washington DC
- Job #: 694-05-08 P.O. #: DCSC-20-RFP-008
- Contact Person: Kiki Musa Cell: 240-872-9233
- Collected by: Rodney Distance Cell: 410-814-9273

If a TAT is not selected, AMA will assign 5-Day+ by default.

Reports and Invoices provided by Email only.

(After Hours TATs must be prescheduled and may not be technically feasible for some analytical methods) AFTER HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> Immediate (6-8 Hours) <input type="checkbox"/> Late Night Date Due: _____ Time Due: _____	NORMAL BUSINESS HOURS <input type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day (6-8 Hours) <input type="checkbox"/> 5 Day + <input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> Results Required By Noon (add'l fees may apply) <input type="checkbox"/> 2 Day Date Due: <u>9/18/23</u> <small>(Rush TATs must be prescheduled may not be technically feasible for some analytical methods)</small>	REPORT TO: <input checked="" type="checkbox"/> Email 1: <u>Kiki@Maximus.com</u> <input checked="" type="checkbox"/> Email 2: <u>Rafael@Maximus.com</u> <input checked="" type="checkbox"/> Email 3: <u>RodneyDistance@yahoo.com</u>
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Asbestos Analysis

*PCM Air - Please Indicate Filter Type: _____

☐ NIOSH 7400 _____ (QTY)

*TEM Air - Please Indicate Filter Type: _____

☒ AHERA 23 _____ (QTY)

☐ NIOSH 7402 _____ (QTY)

☐ Other (specify _____) _____ (QTY)

PLM Bulk

☐ EPA 600 - Visual Estimate _____ (QTY) ☐ Pos Stop

☐ EPA Point Count _____ (QTY)

☐ NY State Friable 198.1 _____ (QTY)

☐ Grav. Reduction ELAP 198.6 _____ (QTY)

☐ Other (specify _____) _____ (QTY)

Asbestos Soil ASTM D7521

☐ Qualitative PLM _____ (Qty.) ☐ Quantitative PLM _____ (Qty.)

☐ Qualitative PLM/TEM _____ (Qty.) ☐ Quantitative PLM/TEM _____ (Qty.)

TEM Bulk

☐ ELAP 198.4/Chatfield _____ (QTY)

☐ NY State PLM/TEM _____ (QTY)

☐ Residual Ash _____ (QTY)

☐ Vermiculite _____ (QTY)

TEM Dust*

☐ Qual. (pres/abs) Vacuum/Dust _____ (QTY)

☐ Quan. (s/area) Vacuum D5755-95 _____ (QTY)

☐ Quan. (s/area) Dust D6480-99 _____ (QTY)

TEM Water

☐ Qual. (pres/abs) _____ (QTY)

☐ ELAP 198.2/EPA 100.2 _____ (QTY)

☐ EPA 100.1 _____ (QTY)

☒ All samples received in good condition unless otherwise noted.

(TEM Water samples _____ °C) (For Lab Use Only)

If field data sheets are submitted, there is no need to complete bottom section.

*It is recommended that blank samples be submitted with all air and surface samples

Metals Analysis

☐ Pb Paint Chip ☐ % by Weight _____ (QTY) ☐ mg/kg _____ (QTY)

☐ *Pb Dust Wipe _____ (QTY) (by submitting samples, you are certifying ASTM E1792 approved wipes were used)

☐ *Pb Air _____ (QTY)

☐ Pb Soil/Solid _____ (QTY)

☐ Pb TCLP _____ (QTY)

☐ Drinking Water ☐ Pb _____ (QTY) ☐ Cu _____ (QTY)

☐ Waste Water ☐ Pb _____ (QTY) ☐ Cu _____ (QTY)

☐ Pb Furnace (Media _____) _____ (QTY)

Fungal Analysis

☐ *Spore-Trap _____ (QTY)

☐ *Surface Swab _____ (QTY)

☐ *Surface Tape _____ (QTY)

☐ Other (Specify _____) _____ (QTY)

☐ Surface Vacuum Dust _____ (QTY)

Collection Apparatus for Spore Traps/Air Samples: _____

Collection Media _____

SAMPLE INFORMATION

SAMPLE #	MATERIAL and/or LOCATION DESCRIPTION	DATE	TIME	VOL (L) (Air Samples)	Wipe Area (Dust Samples)	TEM	PCM	PLM	LEAD	MOLD	COMMENTS/SPECIAL INSTRUCTIONS
091823-005-01	on 2nd floor inside Containment	2023/9/15	9:15	1235		✓					
02			to			✓					
03			11:25			✓					
04						✓					
05						✓					
06	208		9:30			✓					
07			to			✓					
08			11:40			✓					
09						✓					
10						✓					
11	205		12:00			✓					
12			to			✓					
13			2:10			✓					

Relinquished by: <u>Rodney Distance</u>	Print Name: _____	Signature: <u>Rodney Distance</u>	Date: <u>9/15/23</u>	Time: <u>1527</u>	Delivery Information (For Lab Use Only)
Received by: (For Lab Use Only)			<u>9/15/23</u>		<input type="checkbox"/> UPS <input checked="" type="checkbox"/> In-Person <input type="checkbox"/> Other <input type="checkbox"/> FedEx <input type="checkbox"/> Drop Box <input type="checkbox"/> USPS <input type="checkbox"/> Courier

*by submitting samples to AMA, you agree to abide by all of our terms & conditions. Please contact the laboratory at info@amalab.com for a copy of our Terms & Conditions.



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CHAIN OF CUSTODY

(Please Refer To This
Number For Inquiries)

341713

AMA Client Information:

1. Client Name: Maximus Environmental
2. Address 1: SAME
3. Address 2: _____
4. Billing Email: SAME
5. Phone #: SAME

Submittal Information:

1. Job Name: DC Court Recorder of Deeds
2. Job Location: SAME
3. Job #: SAME P.O. #: _____
4. Contact Person: SAME Cell: _____
5. Collected by: SAME Cell: _____

If a TAT is not selected, AMA will assign 5-Day+ by default.

Reports and Invoices provided by Email only.

(After Hours TATs must be prescheduled and may not be technically feasible for some analytical methods)	AFTER HOURS		NORMAL BUSINESS HOURS		REPORT TO:
	<input type="checkbox"/> 4 Hours <input type="checkbox"/> Immediate (6-8 Hours)	<input type="checkbox"/> 24 Hours <input type="checkbox"/> Late Night	<input type="checkbox"/> 4 Hours <input type="checkbox"/> Same Day (6-8 Hours) <input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day	<input type="checkbox"/> 3 Day <input type="checkbox"/> 5 Day + Date Due: _____ <small>(Rush TATs must be prescheduled may not be technically feasible for some analytical methods)</small>	
Date Due: _____		Time Due: _____		<input type="checkbox"/> Results Required By Noon (addit fees may apply)	
				<input type="checkbox"/> Email 1: <u>SAME</u> <input type="checkbox"/> Email 2: _____ <input type="checkbox"/> Email 3: _____	

Asbestos Analysis

*PCM Air - Please Indicate Filter Type: _____
☐ NIOSH 7400 _____ (QTY)

*TEM Air - Please Indicate Filter Type: _____
☒ AHERA 23 _____ (QTY)
☐ NIOSH 7402 _____ (QTY)
☐ Other (specify _____) _____ (QTY)

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☐ EPA 600 - Visual Estimate _____ (QTY) ☐ Pos Stop
☐ EPA Point Count _____ (QTY)
☐ NY State Friable 198.1 _____ (QTY)
☐ Grav. Reduction ELAP 198.6 _____ (QTY)
☐ Other (specify _____) _____ (QTY)

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☐ Qualitative PLM _____ (Qty.) ☐ Quantitative PLM _____ (Qty.)
☐ Qualitative PLM/TEM _____ (Qty.) ☐ Quantitative PLM/TEM _____ (Qty.)

TEM Bulk

☐ ELAP 198.4/Chatfield _____ (QTY)
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☐ Quan. (s/area) Vacuum D5755-95 _____ (QTY)
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☐ All samples received in good condition unless otherwise noted.
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☐ *Surface Swab _____ (QTY)
☐ *Surface Tape _____ (QTY)
☐ Other (Specify _____) _____ (QTY)
☐ Surface Vacuum Dust _____ (QTY)

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Collection Media _____

SAMPLE INFORMATION

SAMPLE #	MATERIAL and/or LOCATION DESCRIPTION	DATE	TIME	VOL (L) (Air Samples)	Wipe Area (Dust Samples)	TEM	PCM	PLM	LEAD	MOLD	COMMENTS/SPECIAL INSTRUCTIONS
091523-DCG-15	on 2nd floor Inside Containment	9/15/16	12:35			✓					
15						✓					
16	Outside 2nd floor Containment		12:20			✓					
17			to			✓					
18			2:30			✓					
19						✓					
20						✓					
21	Inside Blank					✓					
22	Outside Blank					✓					
23	Field Blank					✓					

Relinquished by: <u>SAME</u>	Print Name	Signature	Date	Time	Delivery Information (For Lab Use Only)
Received by: (For Lab Use Only)					<input type="checkbox"/> UPS <input type="checkbox"/> In-Person <input type="checkbox"/> Other <input type="checkbox"/> FedEx <input type="checkbox"/> Drop Box <input type="checkbox"/> USPS <input type="checkbox"/> Courier

*by submitting samples to AMA, you agree to abide by all of our terms & conditions. Please contact the laboratory at info@amalab.com for a copy of our Terms & Conditions.