AMA Analytical Services, Inc.
Focused On Results.

CERTIFICATE OF ANALYSIS

NVLAP Lab Code 101143-0

NY ELAP
Lab ID 10920

Chain of Custody:	341711	**Job Name:**	DC Courts Recorder of Deeds	**Date Submitted:**	09-12-2023
Client:	Maxximus Environmental	**Job Location:**	515 D Street NW Washington DC	**Date Analyzed:**	09-13-2023
Address:	1010 Rockville Pike Suite 200	**Job Number:**	694-05-08	**Report Date:**	09-13-2023
Attention:	Kiki Muse	**P.O. Number:**	DSC-20-RFP-008	**Date Sampled:**	09-12-2023
				Person Submitting:	Rodney Distance Sr.

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 (mm^2)	Analytical Sensitivity s/cc	Asbestos			# Non Asbestos Structures	Concentration		Sample Type	Comments
					Amount/Type	<5um	>=5um		s/mm^2	s/cc		
341711-1	091223-DCC-01	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-2	091223-DCC-02	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-3	091223-DCC-03	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-4	091223-DCC-04	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-5	091223-DCC-05	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-7	091223-DCC-06	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-8	091223-DCC-07	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-9	091223-DCC-08	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-10	091223-DCC-09	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-11	091223-DCC-10	1235	0.07	0.0045	0			0	< 14	< 0.0045	IWA	
341711-13	091223-DCC-11	1235	0.0	--	--			--	--	--	OWA	
341711-14	091223-DCC-12	1235	0.0	--	--			--	--	--	OWA	
341711-15	091223-DCC-13	1235	0.0	--	--			--	--	--	OWA	
341711-16	091223-DCC-14	1235	0.0	--	--			--	--	--	OWA	
341711-17	091223-DCC-15	1235	0.0	--	--			--	--	--	OWA	
341711-18	091223-DCC-16	0	0.0	--	--			--	--	--	BLK	
341711-19	091223-DCC-17	0	0.0	--	--			--	--	--	BLK	
341711-20	091223-DCC-18	0	0.0	--	--			--	--	--	BLK	

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 ($\overline{n}$), standard deviation (s), the number of grid openings (k) and the confidence interval (t).

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Address:	1010 Rockville Pike Suite 200	**Job Number:**	694-05-08	**Report Date:**	09-13-2023
Attention:	Kiki Muse	**P.O. Number:**	DSC-20-RFP-008	**Date Sampled:**	09-12-2023
				Person Submitting:	Rodney Distance Sr.

Summary of Transmission Electron Microscopy

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): Ashley Rose

Technical Director Andreas Saldivar

AMA Analytical Services, Inc.
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) 341710~~1~~

Sheet 1 of 2

AMA Client Information:

1. Client Name: Maximus Environmental
2. Address 1: 1010 Rockville Pike Suite 200
3. Address 2: Rockville MD 20852
4. Billing Email: Maxenv@MSN.com
5. Phone #: 301-838-2730

Submittal Information:

1. Job Name: DC Courts Recorder of Deeds
2. Job Location: 515 D Street NW Washington DC
3. Job #: 694-05-08 P.O. #: DCSC-20-RFP-008
4. Contact Person: Mike Musso Cell: 240-372-9233
5. 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
❑ 4 Hours ❑ 24 Hours
❑ Immediate (6-8 Hours) ❑ Late Night
Date Due: Time Due:

NORMAL BUSINESS HOURS
❑ 4 Hours ❑ 3 Day
❑ Same Day (6-8 Hours) ❑ 5 Day +
☒ 1 Day Date Due: 9.13.23
❑ 2 Day ❑ Results Required By Noon (addlt fees may apply)
(Rush TATs must be prescheduled may not be technically feasible for some analytical methods)

REPORT TO:
❑ Email 1: Mike@Maximus.com
❑ Email 2: Rfarrell@Maximus.com
❑ Email 3: Rodneydistance@yahoo.com

Asbestos Analysis
*PCM Air – Please Indicate Filter Type: _____
❑ NIOSH 7400 _____(QTY)
*TEM Air – Please Indicate Filter Type: _____
☒ AHERA 18 (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
091223-DCC-01	Inside Containment #1 1st floor RT	9/12/23	9:00	1235		✓					
-02			9:45			✓					
03			10:00			✓					
04			↓			✓					
05			↓			✓					
06	L-1		12:30			✓					
07			1:0			✓					
08			2:40			✓					
09			↓			✓					
10			↓			✓					
11	Outside Containment 1st floor		0:00			✓					
12			1:0			✓					
13			8:40			✓					

	Print Name	Signature	Date	Time
Relinquished by:	Rodney Distance		9/12/23	
Received by: (For Lab Use Only)	Diana Williams		9.12.23	3:28pm

Delivery Information (For Lab Use Only)
❑ UPS ☒ In-Person ❑ Other
❑ FedEx ❑ Drop Box
❑ USPS ❑ Courier

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CHAIN OF CUSTODY

(Please Refer To This Number For Inquires) 341711 ~~341711~~

341711

AMA Client Information:

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

Submittal Information:

1. Job Name: SAME
2. Job Location: SAME
3. Job #: _____ 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.

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AFTER HOURS
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❑ Immediate (6-8 Hours) ❑ Late Night
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❑ 1 Day ❑ Results Required By Noon (addl fees may apply)
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(Rush TATs must be prescheduled may not be technically feasible for some analytical methods)

REPORT TO:
❑ Email 1: SAME
❑ Email 2: _____
❑ Email 3: _____

Asbestos Analysis

*PCM Air – Please Indicate Filter Type: _____
❑ NIOSH 7400 _____ (QTY)

*TEM Air – Please Indicate Filter Type: _____
☒ AHERA 18 (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)**

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❑ Pb TCLP _____ (QTY)
❑ Drinking Water ❑ Pb _____ (QTY) ❑ Cu _____ (QTY)
❑ Waste Water ❑ Pb _____ (QTY) ❑ Cu _____ (QTY)
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❑ *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
091223-DCC-14	outside Containment 1st floor	9/12/23	6:00	1235		✓					
-15			6:10	1		✓					
-16	Inside - Blank			0		✓					
-17	Outside Blank			0		✓					
-18	Field Blank			0		✓					

	Print Name	Signature	Date	Time
Relinquished by:	SAME			
Received by: (For Lab Use Only)				

Delivery Information (For Lab Use Only)
❑ UPS ❑ In-Person ❑ Other
❑ FedEx ❑ Drop Box
❑ USPS ❑ Courier