



## CERTIFICATE OF ANALYSIS

**Chain of Custody:** 351430  
**Client:** ECS Mid-Atlantic, LLC  
**Address:** 14026 Thunderbolt Place Suite 100  
 Chantilly Virginia 20151  
**Attention:** Adam Truax

**Job Name:** Naomi Brooks  
**Job Location:** Not Provided  
**Job Number:** 11652-H8  
**P.O. Number:** Not Provided

**Date Submitted:** 10/03/2024  
**Date Analyzed:** 10/03/2024  
**Report Date:** 10/03/2024  
**Date Sampled:** 10/03/2024  
**Person Submitting:** William Sargent

### Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Area Wiped (ft <sup>2</sup> )	Reporting Limit	Total ug	Final Result	Comments
351430-1	FC-102 KITCHEN FL	Flame AA	Wipe	2.0	5.0 ug/sqft	<10.0	<5.0 ug/sqft	
351430-2	FC-103 KITCHEN WS	Flame AA	Wipe	2.7778	3.6 ug/sqft	<10.0	<3.6 ug/sqft	
351430-3	FC-104 CAFETERIA FL	Flame AA	Wipe	2.0	5.0 ug/sqft	<10.0	<5.0 ug/sqft	
351430-4	FC-105 CAFETERIA WS	Flame AA	Wipe	2.7778	3.6 ug/sqft	<10.0	<3.6 ug/sqft	
351430-5	FC-106 STAGE FL	Flame AA	Wipe	2.0	5.0 ug/sqft	<10.0	<5.0 ug/sqft	
351430-6	FC-107 CAFETERIA STORAGE RM FL	Flame AA	Wipe	2.0	5.0 ug/sqft	<10.0	<5.0 ug/sqft	
351430-7	FC-108 FIELD BLANK	Flame AA	Wipe	0.0	10. ug	<10.0	<10. ug	

Preparation Method: ASTM E1979-17  
 Analysis Method For Flame AA: EPA SW-846 7000B  
 N/A = Not Applicable; mg/Kg = parts per million (ppm) on a dry weight basis; mg/L = parts per million (ppm);  
 %Pb = percent lead on a dry weight basis; ug = micrograms; ug/L = parts per billion (ppb)  
 Note: All samples were received in good condition unless otherwise noted.  
 Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

See QC Summary for analytical results of quality control samples associated with these samples.

Air and Wipe results are not corrected for any blank results. Final results for air and wipe samples are based on client supplied information not verified by this laboratory.

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

**Analyst(s):** Nida McGarvey



**Technical Director** George Land

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## QC Summary for SDG #81331

### Overview

Analysis Type: Flame AA  
Sample Type: Lead Wipe  
Analysis Date: 10/03/2024

### Samples Included

351430-1, 351430-2, 351430-3, 351430-4, 351430-5, 351430-6, 351430-7

### Preparation Blank

Result: 0.003 ppm

### Report Limit Verification Sample

Percent Recovery: 113.2 %

### Duplicates

RPD: N/A

### Matrix Spike Analysis

Spiked Sample Percent Recovery: N/A  
Spike Duplicate Percent Recovery: N/A  
RPD: N/A

### Matrix Blank

Result: 0.011 ppm

### Lab Control Sample #1

Percent Recovery: 99.14 %

### Lab Control Sample #2

Percent Recovery: 100.91 %

### Reference Sample

Percent Recovery: N/A

### Calibration Curve

Correlation: 0.998611

### Serial Dilution / Bench Spike

Serial Dilution RPD: N/A  
Bench Spike Percent Recovery: N/A

### Notes



# AMA Analytical Services, Inc.

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## CHAIN OF CUSTODY

(Please Refer To This  
Number For Inquires)

# 351430

### AMA Client Information:

1. Client Name: ECS Mid-Atlantic  
2. Address 1: Chantilly, VA  
3. Address 2: \_\_\_\_\_  
4. Billing Email: Atrwax@ecs1mltpd.com  
5. Phone #: \_\_\_\_\_

### Submittal Information:

1. Job Name: Naomi Brooks  
2. Job Location: \_\_\_\_\_  
3. Job #: 11652-H8 P.O. #: \_\_\_\_\_  
4. Contact Person: Adam Truax Cell: 571-373-2219  
5. Collected by: William Sargent Cell: \_\_\_\_\_

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

Reports and Invoices provided by Email only.

<small>(After Hours TATs must be prescheduled and may not be technically feasible for some analytical methods)</small> <b>AFTER HOURS</b> <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: _____	<b>NORMAL BUSINESS HOURS</b> <input checked="" type="checkbox"/> 4 Hours <input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day (6-8 Hours) <input type="checkbox"/> 5 Day + <input type="checkbox"/> 1 Day      Date Due: <u>10/3 BY 6pm</u> <input type="checkbox"/> 2 Day <small>(Rush TATs must be prescheduled may not be technically feasible for some analytical methods)</small>	<b>REPORT TO:</b> <input type="checkbox"/> Email 1: <u>Atrwax@ecs1mltpd.com</u> <input type="checkbox"/> Email 2: _____ <input type="checkbox"/> Email 3: _____
		<input type="checkbox"/> Results Required By Noon <small>(addit fees may apply)</small>

**Asbestos Analysis**  
 \*PCM Air - Please Indicate Filter Type: \_\_\_\_\_  
 NIOSH 7400 (QTY)  
 \*TEM Air - Please Indicate Filter Type: \_\_\_\_\_  
 AHERA (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)

**Metals Analysis**  
 Pb Paint Chip       % by Weight (QTY)       mg/kg (QTY)  
 \*Pb Dust Wipe 6 (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)      Collection Apparatus for Spore Traps/Air Samples: \_\_\_\_\_  
 \*Surface Swab (QTY)  
 \*Surface Tape (QTY)  
 Other (Specify \_\_\_\_\_) (QTY)      Collection Media \_\_\_\_\_  
 Surface Vacuum Dust (QTY)

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

SAMPLE #	MATERIAL and/or LOCATION DESCRIPTION	DATE	TIME	VOL (L) (Air Samples)	Wipe Area (Dust Samples)	TEM	PCM	PLM	LEAD	MOLD	COMMENTS/SPECIAL INSTRUCTIONS
FC-102	Kitchen Floor	10/3/24	12:40		2 ft <sup>2</sup>						
FC-103	Kitchen Window sill		12:41		400 in <sup>2</sup>						
FC-104	Cafeteria Floor		12:45		2 ft <sup>2</sup>						
FC-105	Cafeteria Window sill		12:46		400 in <sup>2</sup>						
FC-106	Stage Floor		12:49		2 ft <sup>2</sup>						
FC-107	Cafeteria storage room Floor		12:51		2 ft <sup>2</sup>						
FC-108	Field Blank										

Relinquished by: <u>William Sargent</u>	Signature: <u>[Signature]</u>	Date: <u>10/3/24</u>	Time: <u>13:15</u>	Delivery Information (For Lab Use Only)
Received by: <u>LS</u>	Signature: <u>[Signature]</u>	Date: <u>10-3-24</u>	Time: <u>15:14:09</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 infor@amalab.com for a copy of our Terms & Conditions.