ADDENDUM NO. 3

CITY BID NUMBER: 274-ES-FO-FY24-KEETERRENOVATIONS

Date: June 3, 2024

Project: Keeter Training Center - Renovations

Owner: City of Raleigh, North Carolina, Engineering Services Department,
222 W. Hargett Street Suite 605
Raleigh, NC 27602
Contact: Steven Chelini; steven.chelini@raleighnc.gov

Architect: Redline Design Group, PA
Engineer: Peak Engineering

The following revisions shall be incorporated in the bid documents for this project and be included in the contractor's bid:

GENERAL INFORMATION:

1. Bid due date has been extended to Monday June 24 at 10 am. Location remains the same: 222 W Hargett Street Suite 605, Raleigh, NC 27601.
2. Owner has performed hazardous material testing in various areas of the building and results have tested "negative" for both asbestos and lead paint. See attached reports.
3. Owner will perform demolition of all existing telephone and data related cabling.
4. Owner will relocate all loose furniture, equipment and furnishings on the Lower Level prior to the contractor commencing work. Contractor will be responsible for temporarily moving and relocating all loose furniture and equipment on Upper Level during construction as required for the carpet replacement. Owner will move and relocate all personal belongings including computers and electronics on Upper Level.
5. Existing Storage Room 112 (previous EMS Room – approx. 15'x26') will be available for contractor's use as a temporary field office during construction.

DRAWINGS:

6. Architectural Drawing A1.1 Lower level Floor Plan:
   ADD the window symbol "M" to each of the fixed windows in Kitchen 111 and Classroom 116 at new exterior wall.
   ADD the window symbol "N" to each of the new door/transoms in Kitchen 111 and Classroom 116 at new exterior wall.

7. Architectural Drawing A5.1 Door Schedule:
   REVISE the door material for Vestibule 200B and 200C doors to be SCWD (solid core wood door with vision lite) in lieu of ALUM.
   REVISE the frame material for doors at Vestibule 200B and 200C to be E.T.R. (existing HM to remain) in lieu of ALUM.

END OF DOCUMENT

MATRIX
Health & Safety Consultants, L.L.C.

May 30, 2024

City of Raleigh
Engineering Services Department
One Exchange Plaza
Raleigh, NC 27601

Attention: Mr. Steve Chelini

Subject: Report of Survey to Identify
Asbestos-Containing Materials
Raleigh Fire Department
Keeter Training Center
Raleigh, North Carolina
Matrix Job No.: 240577

Dear: Mr. Chelini:

Matrix Health and Safety Consultants, L.L.C. (Matrix) is pleased to present this report of the survey to identify asbestos-containing materials in the Raleigh Fire Department, Keeter Training Center facility located in Raleigh, North Carolina. This report presents known project information, survey procedures, survey results and recommended response actions.

PROJECT INFORMATION

Matrix understands that renovations are scheduled for the subject building in the near future. In order to facilitate renovation activities, Matrix preformed a survey to identify asbestos-containing materials which are required to be removed prior to renovation or demolition activities in accordance with the Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAP).

SURVEY PROCEDURES

The survey was performed on May 20, 2024 by Matrix Inspector Todd E. Daugherty (North Carolina Asbestos Inspector No. 11650). The survey began with a walk-through of the subject area observing accessible areas for the presence of suspect asbestos-containing materials (ACM). Both friable and non-friable suspect asbestos-containing materials were considered during the course of the survey. Friable materials are those materials which can be pulverized or reduced to powder by hand pressure. A sampling strategy was determined and bulk samples of suspect ACM were obtained. Suspect ACM's were grouped based on material homogeneity. A homogeneous area is an area which contains materials that seem by texture, color and wear to be uniform and applied during the same general time period.

To determine the presence or absence of asbestos content in the suspect materials, samples were collected and transported to Eurofins CEI in Cary, North Carolina under chain-of-custody documentation for laboratory analysis. The collected samples were placed into individual sample containers, sealed and a unique identification number was assigned to the sample container at the time of collection. The identification included the sample collection date and location.

ANALYSIS PROCEDURES

The collected asbestos samples were analyzed using Polarized Light Microscopy (PLM) in conjunction with dispersion staining techniques using EPA Method 600/R-93/116. The bulk laboratory analysis provided the asbestos content (positive or negative), percentage of asbestos, asbestos type and identification of other non-asbestos fibers. The results of the laboratory analysis are presented in the attached Asbestos Bulk Sampling Record.

ASBESTOS SURVEY RESULTS

Asbestos was not detected in bulk samples of suspect asbestos-containing materials collected from the Raleigh Fire Department, Keeter Training Center located in Raleigh, North Carolina. The results of the laboratory analysis are presented in the attached Asbestos Bulk Sampling Record.

QUALIFICATIONS

This report summarizes Matrix's evaluation of the conditions observed at the subject facility during the course of the facility survey. Our findings are based upon our observations at the facility and analyses of the samples obtained at the time of this survey. Additional asbestos-containing materials may exist (undetected) in other portions of the facility due to inaccessibility or due to an undetectable change in materials. These surveys were limited to those materials likely to be disturbed during the scheduled renovations. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

Matrix appreciates the opportunity to have provided these services. We would be glad to discuss any of the results contained in this report, at your convenience. If there are any questions concerning this report or results, please contact us.

Sincerely,
MATRIX HEALTH AND SAFETY CONSULTANTS, L.L.C.

Todd E. Daugherty
Project Principal
North Carolina Asbestos Inspector No. 11650

Attachments: Asbestos Bulk Sampling Record
Laboratory Report

ASBESTOS BULK SAMPLING RECORD
Raleigh Fire Department
Keeter Training Center

SAMPLE FIELD ID NO.	SAMPLE LOCATION	TYPE OF MATERIAL	TYPE OF ASBESTOS	PERCENTAGE
KT-01	Classroom	2' x 2' Fitted Ceiling Panel	NAD	
KT-02	Office	2' x 2' Fitted Ceiling Panel	NAD	
KT-03	Classroom	Drywall and Joint Compound	NAD	
KT-04	Classroom	Drywall and Joint Compound	NAD	
KT-05	Officer	Drywall and Joint Compound	NAD	
KT-06	2nd Floor	Black Cove Base Mastic	NAD	
KT-07	2nd Floor	Black Cove Base Mastic	NAD	
KT-08	2nd Floor Hallway	Blue Pebble Pattern Vinyl Sheet Floor	VSF: NAD Mastic: NAD	
KT-09	2nd Floor Hallway	Blue Pebble Pattern Vinyl Sheet Floor	VSF: NAD Mastic: NAD	
KT-10	Above Doors	Wall Texture	NAD	
KT-11	Above Doors	Wall Texture	NAD	
KT-12	Above Doors	Wall Texture	NAD	
KT-13	1st Floor	Ceiling Texture	NAD	
KT-14	1st Floor	Ceiling Texture	NAD	
KT-15	Stairwell	Ceiling Texture	NAD	
KT-16	Above Ceilings	White Pipe Seam Mastic on Fiberglass Pipe Insulation	Mastic: NAD Wrap: NAD Insulation: NAD	
KT-17	Above Ceilings	White Pipe Seam Mastic on Fiberglass Pipe Insulation	Mastic: NAD Wrap: NAD Insulation: NAD	
KT-18	2nd Floor	Interior Window Caulk	NAD	
KT-19	2nd Floor	Interior Window Caulk	NAD	
KT-20	2nd Floor	Interior Door Caulk	NAD	
KT-21	2nd Floor	Interior Door Caulk	NAD	
KT-22	2nd Floor	Cinder Block Filler	NAD	
KT-23	2nd Floor	Cinder Block Filler	NAD	
KT-24	2nd Floor	Cinder Block Filler	NAD	
KT-25	2nd Floor	Gray Cove Base Mastic	NAD	
KT-26	2nd Floor	Gray Cove Base Mastic	NAD	
KT-27	Office Break Room	White Sink Mastic	NAD	
KT-28	Office Break Room	White Sink Mastic	NAD	
KT-29	Stairwell	Stair Tread Mastic	Mastic: NAD Leveling Compound: NAD	
KT-30	Stairwell	Stair Tread Mastic	Mastic: NAD Leveling Compound: NAD	
KT-31	Wall Penetrations	Red Fire Stop Sealant	NAD	
KT-32	Wall Penetrations	Red Fire Stop Sealant	NAD	
KT-33	Above Ceiling Office Area	Wall Texture	NAD	
KT-34	1st Floor Classroom	2' x 4' Smooth Ceiling Panel	NAD	
KT-35	1st Floor Classroom	2' x 4' Smooth Ceiling Panel	NAD	
KT-36	1st Floor	Drywall and Joint Compound	NAD	
KT-37	1st Floor	Drywall and Joint Compound	NAD	
KT-38	1st Floor	Gray Cove Base Mastic	NAD	
KT-39	1st Floor	Wall Texture	NAD	
KT-40	1st Floor Locker Room	2' x 4' Pinhole/Fissure Ceiling Panel	NAD	
KT-41	1st Storage Room	2' x 4' Pinhole/Fissure Ceiling Panel	NAD	

SAMPLE FIELD ID NO.	SAMPLE LOCATION	TYPE OF MATERIAL	TYPE OF ASBESTOS	PERCENTAGE
KT-42	1st Floor Kitchen	2' x 4' Pinhole/Potmark Ceiling Panel	NAD	
KT-43	Work Out Room	2' x 4' Pinhole/Potmark Ceiling Panel	NAD	
KT-44	HVAC Ducts	Gray Duct Mastic	NAD	
KT-45	HVAC Ducts	Gray Duct Mastic	NAD	
KT-46	1st Floor Classroom	2' x 4' Pinhole Ceiling Panel	NAD	
KT-47	1st Floor Classroom	2' x 4' Pinhole Ceiling Panel	NAD	
KT-48	Exterior	Exterior Door Caulk	NAD	
KT-49	Exterior	Exterior Door Caulk	NAD	
KT-50	Exterior	Building Seam Caulk	NAD	
KT-51	Exterior	Building Seam Caulk	NAD	
KT-52	Exterior	Window Caulk	NAD	
KT-53	Exterior	Window Caulk	NAD	
KT-54	Exterior	Vent Caulk	NAD	
KT-55	Exterior	Vent Caulk	NAD	

NAD = No Asbestos Detected Analysis Method: PLM with Dispersion Staining

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: RFD Keeter Training Center **LAB CODE: B249798**

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
KT-01		B249798.01	White,Yellow	Ceiling Panel	None Detected
KT-02		B249798.02	White,Yellow	Ceiling Panel	None Detected
KT-03	Layer 1	B249798.03	Off-white,White	Joint Compound	None Detected
	Layer 2	B249798.03	Off-white,Tan	Drywall	None Detected
	Layer 3	B249798.03	White,Tan	Drywall/Joint Compound	None Detected
KT-04	Layer 1	B249798.04	Off-white,White	Joint Compound	None Detected
	Layer 2	B249798.04	Off-white,Tan	Drywall	None Detected
	Layer 3	B249798.04	White,Tan	Drywall/Joint Compound & Tape	None Detected
KT-05	Layer 1	B249798.05	Off-white,White	Joint Compound	None Detected
	Layer 2	B249798.05	Tan,Off-white	Drywall	None Detected
	Layer 3	B249798.05	White,Tan	Drywall/Joint Compound & Tape	None Detected
KT-06		B249798.06	Off-white	Mastic	None Detected
KT-07		B249798.07	Off-white	Mastic	None Detected
KT-08		B249798.08A	Gray,Off-white	Vinyl Flooring	None Detected
		B249798.08B	Yellow,Off-white	Mastic	None Detected
KT-09		B249798.09A	Gray,Off-white	Vinyl Flooring	None Detected
		B249798.09B	Yellow,Off-white	Mastic	None Detected
KT-10		B249798.10	Tan,White	Texture	None Detected
KT-11		B249798.11	Tan,White	Texture	None Detected
KT-12		B249798.12	White	Texture	None Detected
KT-13		B249798.13	White	Ceiling Texture	None Detected
KT-14		B249798.14	White	Ceiling Texture	None Detected
KT-15		B249798.15	White	Ceiling Texture	None Detected
KT-16	Layer 1	B249798.16	Off-white	Mastic	None Detected
	Layer 2	B249798.16	Silver,Off-white	Wrap	None Detected
	Layer 3	B249798.16	Yellow	Insulation	None Detected
KT-17	Layer 1	B249798.17	Off-white	Mastic	None Detected
	Layer 2	B249798.17	Silver,Off-white	Wrap	None Detected
	Layer 3	B249798.17	Yellow	Insulation	None Detected
KT-18		B249798.18	White,Brown	Window Caulking	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: RFD Keeter Training Center **LAB CODE: B249798**

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
KT-19		B249798.19	White,Brown	Window Caulking	None Detected
KT-20		B249798.20	White,Gray	Caulking	None Detected
KT-21		B249798.21	White,Gray	Caulking	None Detected
KT-22		B249798.22	Off-white,Gray	CMU	None Detected
KT-23		B249798.23	Off-white,Gray	CMU	None Detected
KT-24		B249798.24	Off-white,Gray	CMU	None Detected
KT-25		B249798.25	Off-white	Mastic	None Detected
KT-26		B249798.26	Off-white	Mastic	None Detected
KT-27		B249798.27	Off-white	Sink Mastic	None Detected
KT-28		B249798.28	Off-white	Sink Mastic	None Detected
KT-29	Layer 1	B249798.29	Off-white	Mastic	None Detected
	Layer 2	B249798.29	Gray	Leveling Compound	None Detected
KT-30	Layer 1	B249798.30	Off-white	Mastic	None Detected
	Layer 2	B249798.30	Gray	Leveling Compound	None Detected
KT-31		B249798.31	Pink,Red	Sealant	None Detected
KT-32		B249798.32	Pink,Red	Sealant	None Detected
KT-33		B249798.33	White	Texture	None Detected
KT-34		B249798.34	White,Off-white	Ceiling Panel	None Detected
KT-35		B249798.35	White,Off-white	Ceiling Panel	None Detected
KT-36	Layer 1	B249798.36	Off-white,White	Joint Compound	None Detected
	Layer 2	B249798.36	Off-white,Tan	Drywall	None Detected
	Layer 3	B249798.36	White,Tan	Drywall/Joint Compound	None Detected
KT-37	Layer 1	B249798.37	Off-white,White	Joint Compound	None Detected
	Layer 2	B249798.37	Off-white,Tan	Drywall	None Detected
	Layer 3	B249798.37	White,Tan	Drywall/Joint Compound	None Detected
KT-38		B249798.38	Off-white	Mastic	None Detected
KT-39		B249798.39	Tan,White	Texture	None Detected
KT-40		B249798.40	White,Off-white	Ceiling Panel	None Detected
KT-41		B249798.41	White,Beige	Ceiling Panel	None Detected
KT-42		B249798.42	White,Beige	Ceiling Panel	None Detected
KT-43		B249798.43	White,Beige	Ceiling Panel	None Detected

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: RFD Keeter Training Center **LAB CODE: B249798**

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
KT-44		B249798.44	Gray	Duct Mastic	None Detected
KT-45		B249798.45	Gray	Duct Mastic	None Detected
KT-46		B249798.46	White	Ceiling Panel	None Detected
KT-47		B249798.47	White	Ceiling Panel	None Detected
KT-48		B249798.48	Dark Brown	Door Caulk	None Detected
KT-49		B249798.49	Dark Brown	Door Caulk	None Detected
KT-50	Layer 1	B249798.50	Pink	Seam Caulk	None Detected
	Layer 2	B249798.50	White	Seam Caulk	None Detected
	Layer 3	B249798.50	Red	Seam Caulk	None Detected
KT-51	Layer 1	B249798.51	Pink	Seam Caulk	None Detected
	Layer 2	B249798.51	Red	Seam Caulk	None Detected
KT-52	Layer 1	B249798.52	Gray	Window Caulk	None Detected
	Layer 2	B249798.52	Dark Gray	Window Caulk	None Detected
KT-53	Layer 1	B249798.53	Gray	Window Caulk	None Detected
	Layer 2	B249798.53	Dark Gray	Window Caulk	None Detected
KT-54		B249798.54	Pink	Vent Caulk	None Detected
KT-55		B249798.55	Pink	Vent Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-01	Ceiling Panel	Heterogeneous	85%	Cellulose	5%	Paint	None Detected
B249798.01		White,Yellow			10%	Binder	
		Fibrous					
		Loosely Bound					
Samples B249798.01 - B249798.40 analyzed by L. Winfield.							
KT-02	Ceiling Panel	Heterogeneous	85%	Cellulose	5%	Paint	None Detected
B249798.02		White,Yellow			10%	Binder	
		Fibrous					
		Loosely Bound					
KT-03	Joint Compound	Heterogeneous			<1%	Paint	None Detected
Layer 1		Off-white,White			60%	Binder	
B249798.03		Non-fibrous			40%	Calc Carb	
		Bound					
Layer 2	Drywall	Heterogeneous	<1%	Fiberglass	85%	Gypsum	None Detected
B249798.03		Off-white,Tan	15%	Cellulose			
		Fibrous					
		Bound					
Layer 3	Drywall/Joint Compound	Heterogeneous	<1%	Fiberglass	80%	Gypsum	None Detected
B249798.03		White,Tan	15%	Cellulose	5%	Binder	
		Fibrous			<1%	Paint	
		Bound					
KT-04	Joint Compound	Heterogeneous			<1%	Paint	None Detected
Layer 1		Off-white,White			60%	Binder	
B249798.04		Non-fibrous			40%	Calc Carb	
		Bound					
Layer 2	Drywall	Heterogeneous	<1%	Fiberglass	80%	Gypsum	None Detected
B249798.04		Off-white,Tan	20%	Cellulose			
		Fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

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Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
Layer 3 B249798.04	Drywall/Joint Compound & Tape	Heterogeneous White,Tan Fibrous Bound	<1% 20%	Fiberglass Cellulose	70% 10% <1%	Gypsum Binder Paint	None Detected
KT-05 Layer 1 B249798.05	Joint Compound	Heterogeneous Off-white,White Non-fibrous Bound			<1% 60% 40%	Paint Binder Calc Carb	None Detected
Layer 2 B249798.05	Drywall	Heterogeneous Tan,Off-white Fibrous Bound	25%	Cellulose	75%	Gypsum	None Detected
Layer 3 B249798.05	Drywall/Joint Compound & Tape	Heterogeneous White,Tan Fibrous Bound	<1% 20%	Fiberglass Cellulose	70% 10% <1%	Gypsum Binder Paint	None Detected
KT-06 B249798.06	Mastic	Homogeneous Off-white Non-fibrous Bound			100%	Mastic	None Detected
KT-07 B249798.07	Mastic	Homogeneous Off-white Non-fibrous Bound			100%	Mastic	None Detected
KT-08 B249798.08A	Vinyl Flooring	Heterogeneous Gray,Off-white Fibrous Bound	20% 10% 5%	Cellulose Synthetic Fiber Fiberglass	50% 15%	Vinyl Binder	None Detected

ASBESTOS BULK ANALYSIS

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Lab Code: B249798
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Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
B249798.08B	Mastic	Homogeneous Yellow,Off-white Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
KT-09 B249798.09A	Vinyl Flooring	Heterogeneous Gray,Off-white Fibrous Bound	20% 10% 5%	Cellulose Synthetic Fiber Fiberglass	50% 15%	Vinyl Binder	None Detected
B249798.09B	Mastic	Homogeneous Yellow,Off-white Fibrous Bound	5%	Cellulose	95%	Mastic	None Detected
KT-10 B249798.10	Texture	Heterogeneous Tan,White Non-fibrous Bound			5% 70% 25%	Paint Binder Vermiculite	None Detected
KT-11 B249798.11	Texture	Heterogeneous Tan,White Non-fibrous Bound			5% 70% 25%	Paint Binder Vermiculite	None Detected
KT-12 B249798.12	Texture	Heterogeneous White Non-fibrous Bound			5% 70% 25%	Paint Binder Vermiculite	None Detected
KT-13 B249798.13	Ceiling Texture	Heterogeneous White Non-fibrous Bound			2% 75% 23%	Paint Binder Vermiculite	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-14 B249798.14	Ceiling Texture	Homogeneous White Non-fibrous Loosely Bound			45% 30% 25%	Binder Calc Carb Vermiculite	None Detected
KT-15 B249798.15	Ceiling Texture	Homogeneous White Non-fibrous Loosely Bound			45% 30% 25%	Binder Calc Carb Vermiculite	None Detected
KT-16 Layer 1 B249798.16	Mastic	Homogeneous Off-white Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B249798.16	Wrap	Heterogeneous Silver,Off-white Fibrous Bound	55% 25%	Cellulose Fiberglass	15% 5%	Binder Metal Foil	None Detected
Layer 3 B249798.16	Insulation	Homogeneous Yellow Fibrous Loose	100%	Fiberglass			None Detected
KT-17 Layer 1 B249798.17	Mastic	Homogeneous Off-white Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B249798.17	Wrap	Heterogeneous Silver,Off-white Fibrous Bound	55% 25%	Cellulose Fiberglass	15% 5%	Binder Metal Foil	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	NON-ASBESTOS COMPONENTS Non-Fibrous	ASBESTOS %
Layer 3 B249798.17	Insulation	Homogeneous Yellow Fibrous Loose	100% Fiberglass		None Detected
KT-18 B249798.18	Window Caulking	Heterogeneous White,Brown Non-fibrous Bound		100% Caulk <1% Paint	None Detected
KT-19 B249798.19	Window Caulking	Heterogeneous White,Brown Non-fibrous Bound		100% Caulk <1% Paint	None Detected
KT-20 B249798.20	Caulking	Heterogeneous White,Gray Non-fibrous Bound		95% Caulk 5% Paint	None Detected
KT-21 B249798.21	Caulking	Heterogeneous White,Gray Non-fibrous Bound		98% Caulk 2% Paint	None Detected
KT-22 B249798.22	CMU	Heterogeneous Off-white,Gray Non-fibrous Loose		35% Paint 40% Silicates 25% Binder	None Detected
KT-23 B249798.23	CMU	Heterogeneous Off-white,Gray Non-fibrous Loose		35% Paint 40% Silicates 25% Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-24 B249798.24	CMU	Heterogeneous Off-white,Gray Non-fibrous Loose			35% 40% 25%	Paint Silicates Binder	None Detected
KT-25 B249798.25	Mastic	Homogeneous Off-white Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
KT-26 B249798.26	Mastic	Homogeneous Off-white Fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
KT-27 B249798.27	Sink Mastic	Homogeneous Off-white Fibrous Bound	10%	Cellulose	90%	Mastic	None Detected
KT-28 B249798.28	Sink Mastic	Homogeneous Off-white Fibrous Bound	10%	Cellulose	90%	Mastic	None Detected
KT-29 Layer 1 B249798.29	Mastic	Homogeneous Off-white Fibrous Bound	<1% <1%	Cellulose Synthetic Fiber	100%	Mastic	None Detected
Layer 2 B249798.29	Leveling Compound	Homogeneous Gray Fibrous Bound	15%	Cellulose	85%	Binder	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-30 Layer 1 B249798.30	Mastic	Homogeneous Off-white Fibrous Bound	<1% <1%	Cellulose Synthetic Fiber	100%	Mastic	None Detected
Layer 2 B249798.30	Leveling Compound	Homogeneous Gray Fibrous Bound	15%	Cellulose	85%	Binder	None Detected
KT-31 B249798.31	Sealant	Homogeneous Pink,Red Fibrous Bound	5%	Fiberglass	95%	Caulk	None Detected
KT-32 B249798.32	Sealant	Homogeneous Pink,Red Fibrous Bound	5%	Fiberglass	95%	Caulk	None Detected
KT-33 B249798.33	Texture	Heterogeneous White Non-fibrous Bound			<1% 25% 75%	Paint Vermiculite Binder	None Detected
KT-34 B249798.34	Ceiling Panel	Heterogeneous White,Off-white Fibrous Bound	60% 20%	Cellulose Fiberglass	5% 15%	Paint Perlite	None Detected
KT-35 B249798.35	Ceiling Panel	Heterogeneous White,Off-white Fibrous Bound	60% 20%	Cellulose Fiberglass	5% 15%	Paint Perlite	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-36	Joint Compound	Heterogeneous			<1%	Paint	None Detected
Layer 1		Off-white,White			60%	Binder	
B249798.36		Non-fibrous			40%	Calc Carb	
		Bound					
Layer 2	Drywall	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
B249798.36		Off-white,Tan	<1%	Fiberglass			
		Fibrous					
		Bound					
Layer 3	Drywall/Joint Compound	Heterogeneous	<1%	Fiberglass	80%	Gypsum	None Detected
B249798.36		White,Tan	15%	Cellulose	5%	Binder	
		Fibrous			<1%	Paint	
		Bound					
KT-37	Joint Compound	Heterogeneous			<1%	Paint	None Detected
Layer 1		Off-white,White			60%	Binder	
B249798.37		Non-fibrous			40%	Calc Carb	
		Bound					
Layer 2	Drywall	Heterogeneous	15%	Cellulose	85%	Gypsum	None Detected
B249798.37		Off-white,Tan	<1%	Fiberglass			
		Fibrous					
		Bound					
Layer 3	Drywall/Joint Compound	Heterogeneous	<1%	Fiberglass	80%	Gypsum	None Detected
B249798.37		White,Tan	15%	Cellulose	5%	Binder	
		Fibrous			<1%	Paint	
		Bound					
KT-38	Mastic	Homogeneous			100%	Mastic	None Detected
B249798.38		Off-white					
		Non-fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

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Lab Code: B249798
Date Received: 05-20-24
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Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-39 B249798.39	Texture	Heterogeneous Tan,White Non-fibrous Bound			<1% 85% 15%	Paint Binder Vermiculite	None Detected
KT-40 B249798.40	Ceiling Panel	Heterogeneous White,Off-white Fibrous Bound	60% 20%	Cellulose Fiberglass	5% 15%	Paint Perlite	None Detected
KT-41 B249798.41	Ceiling Panel	Heterogeneous White,Beige Fibrous Loosely Bound	60% 15% 5%	Cellulose Fiberglass Mineral Wool	15% 5%	Perlite Paint	None Detected
Samples B249798.41 - B249798.55 analyzed by V. King.							
KT-42 B249798.42	Ceiling Panel	Heterogeneous White,Beige Fibrous Loosely Bound	60% 15% 5%	Cellulose Fiberglass Mineral Wool	15% 5%	Perlite Paint	None Detected
KT-43 B249798.43	Ceiling Panel	Heterogeneous White,Beige Fibrous Loosely Bound	60% 15% 5%	Cellulose Fiberglass Mineral Wool	15% 5%	Perlite Paint	None Detected
KT-44 B249798.44	Duct Mastic	Homogeneous Gray Non-fibrous Bound			100%	Mastic	None Detected
KT-45 B249798.45	Duct Mastic	Homogeneous Gray Non-fibrous Bound			100%	Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous		Non-Fibrous		ASBESTOS %
KT-46 B249798.46	Ceiling Panel	Heterogeneous White Fibrous Loosely Bound	60% 15% 5%	Cellulose Fiberglass Mineral Wool	15% 5%	Perlite Paint	None Detected
KT-47 B249798.47	Ceiling Panel	Heterogeneous White Fibrous Loosely Bound	60% 15% 5%	Cellulose Fiberglass Mineral Wool	15% 5%	Perlite Paint	None Detected
KT-48 B249798.48	Door Caulk	Homogeneous Dark Brown Non-fibrous Bound			100%	Caulk	None Detected
KT-49 B249798.49	Door Caulk	Homogeneous Dark Brown Non-fibrous Bound			100%	Caulk	None Detected
KT-50 Layer 1 B249798.50	Seam Caulk	Homogeneous Pink Non-fibrous Bound			100%	Caulk	None Detected
Layer 2 B249798.50	Seam Caulk	Homogeneous White Non-fibrous Bound			100%	Caulk	None Detected
Layer 3 B249798.50	Seam Caulk	Homogeneous Red Non-fibrous Bound			100%	Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
Date Analyzed: 05-21-24
Date Reported: 05-21-24

Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID / Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	Non-Fibrous		ASBESTOS %
KT-51 Layer 1 B249798.51	Seam Caulk	Homogeneous Pink Non-fibrous Bound		100%	Caulk	None Detected
Layer 2 B249798.51	Seam Caulk	Homogeneous Red Non-fibrous Bound		100%	Caulk	None Detected
KT-52 Layer 1 B249798.52	Window Caulk	Homogeneous Gray Non-fibrous Bound		100%	Caulk	None Detected
Layer 2 B249798.52	Window Caulk	Homogeneous Dark Gray Non-fibrous Bound		100%	Caulk	None Detected
KT-53 Layer 1 B249798.53	Window Caulk	Homogeneous Gray Non-fibrous Bound		100%	Caulk	None Detected
Layer 2 B249798.53	Window Caulk	Homogeneous Dark Gray Non-fibrous Bound		100%	Caulk	None Detected
KT-54 B249798.54	Vent Caulk	Homogeneous Pink Non-fibrous Bound		100%	Caulk	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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2900 Yonkers Road
Raleigh, NC 27604

Lab Code: B249798
Date Received: 05-20-24
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Project: RFD Keeter Training Center

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS Fibrous	 Non-Fibrous	ASBESTOS %
KT-55 B249798.55	Vent Caulk	Homogeneous Pink Non-fibrous Bound		100% Caulk	None Detected

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LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST: Lewis Winfield

Valerie King

APPROVED BY: Tianbao Bai, Ph.D., CIH
Laboratory Director

NVLAP TESTING
NVLAP LAB CODE 101768-0

MATRIX
Health & Safety Consultants, L.L.C.

Limited XRF Lead-Based Paint Inspection Report

May 30, 2024

Conducted At:
Raleigh Fire Department
Keeter Training Center
Raleigh, North Carolina

Prepared For:
City of Raleigh
Engineering Services Department
One Exchange Plaza
Raleigh, North Carolina 27601
Attention: Mr. Steve Chelini

Provided by:
Matrix Health & Safety Consultants, L.L.C.
NC Certified Lead-Based Paint Firm No. FPB-00122
Jonathon Thalheimer: NC Certified Lead-Based Paint Inspector No. 110371

Matrix Job # 240577

PROJECT INFORMATION

Matrix Health & Safety Consultants, L.L.C. (Matrix) is pleased to present this report of the limited survey to identify lead-based paints associated with the Raleigh Fire Department, Keeter Training Center located in Raleigh, North Carolina. This limited inspection report includes analytical methods and limitations, discussion of XRF procedures, summary of findings, and recommendations.

Jonathon Thalheimer performed the lead-based paint surveys at the subject buildings on May 20, 2024.

INSPECTION/RISK ASSESSMENT PROCEDURES

The lead-based paint survey began with our inspectors/risk assessors walking the subject property and documenting room equivalents, testing combinations, and selecting test locations. The walls/sides of the property are distinguished by Side A, B, C, or D. Wall or side A is facing the front entrance, and then moving clockwise would be wall/side B, C, or D. After the testing strategy was determined, Matrix used an Viken Pb200i Lead Paint Spectrum Analyzer (XRF) to determine the lead content (mg/cm2) of painted surfaces at the subject residence. For the purpose of this survey, paints with concentrations of 1.0 mg/cm2 or greater were considered lead-based paint. This survey was not performed in order to meet HUD and EPA requirements for Target Housing or Child Occupied Facilities.

During the inspection the paint was identified as intact or deteriorated. The table below is the HUD/EPA guideline for assessing paint conditions under Title X of the 1992 Housing and Community Development Act (Revision 1/2004).

HUD and EPA
Categories of Paint Film Quality

Type of Building Component [1]	Intact	Deteriorated [2]
Exterior components with large surface areas	Entire surface is intact or less than or equal to 20 ft^2	Damage to more than 20 ft^2
Interior components with large surface areas (wall, ceilings, floors, doors)	Entire surface is intact or less than or equal to 2 ft^2	Damage to more than 2 ft^2
Interior and exterior components with small surface areas (window sills, baseboards, soffits, trim)	Entire surface is intact or less than or equal to 10% of the total surface area of the component	Damage to more than 10% of the total surface area of the component

1 "Building Component" in this table refers to each individual component or side of building, **not** the combined surface area of all similar components in a room (e.g. a wall with three ft^2 of deteriorated paint is considered "deteriorated", even if the other 3 walls in a room have no deteriorated paint).

LEAD-BASED PAINT SURVEY RESULTS

Raleigh Fire Department – Keeter Training Center

Paint was not identified with concentrations greater than or equal to 1.0 mg/cm^2 in testing combinations in the Raleigh Fire Department, Keeter Training Center located in Raleigh, North Carolina.

Matrix recommends that activities that cause the disturbance of lead-based paint or lead coated components (renovation activities that disturb greater than 6 square feet of paint or more per interior room or greater than 20 square feet of paint on the exterior of the facility) be performed by at a minimum, North Carolina Certified Renovators. Matrix recommends that North Carolina Certified Renovators perform renovation activities in accordance with the standards of the Lead-Based Paint Renovation, Repair, and Painting Program (EPA 40 CFR Part 745).

Personnel performing renovation or demolition activities that may disturb the painted surfaces that contain any quantity of lead should comply with all current OSHA regulations (**OSHA Lead in Construction Standard 29 CFR 1926.62**) in order to minimize employee exposure to lead.

The Occupational Safety and Health Administration (OSHA) Lead in Construction Standard states that "negative" readings (i.e. those below the HUD/EPA definition of what constitutes LBP [1.0 mg/cm2] **does not** relieve contractors from performing exposure assessments (personal air monitoring) on their employees per the OSHA Lead Standard, and should not be interpreted as lead free. Although a reading may indicate "negative", airborne lead concentrations still may exceed the OSHA Action Level or the OSHA Permissible exposure limit (PEL) depending on the work activity.

DISCLOSURE

According to the Federal Law (24 CFR part 35 and 40 CFR part 745) a copy of this summary must be provided to new tenants and purchasers of this facility/property, before they become obligated under a lease or sales contract. The entire report must also be provided to new purchasers and be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet, including standard warning language in their leases or sales contracts to ensure that parents have the information necessary to protect their children from lead-based paint hazards.

QUALIFICATIONS

This report summarizes Matrix's evaluation of the conditions observed at the subject property during the course of the survey to identify lead-based paints. Our findings are based upon our observations at the residence and XRF testing performed at the time of this survey. Additional lead-based paints may exist (undetected) in other portions of the facility due to inaccessibility. an undetectable change in materials, or outside of the scope of work for this survey. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

Matrix appreciates the opportunity to have provided these services. We would be glad to discuss any of the results contained in this report, at your convenience. If there are any questions concerning this report or results, please contact us.

Sincerely,
MATRIX HEALTH AND SAFETY CONSULTANTS, L.L.C.

Todd E. Daugherty
Project Principal
N.C. Lead Risk Assessor No. 120099

Attachment: XRF Testing Reports

XRF Testing Reports

Keeter Traning Center

2900 Yonkers Rd
Raleigh NC,

INSPECTION SITE:	105 Keeter Center Dr Raleigh, NC 27601
INSPECTION DATE:	5/20/2024 - 5/20/2024
INSTRUMENT TYPE:	Viken Detection Pb200i XRF Lead Paint Analyzer 3100
ACTION LEVEL:	1.0 (mg/cm²)
STATEMENT:	

Keeter Traning Center

Inspection Date:	5/20/2024 - 5/20/2024	Inspection Site:	105 Keeter Center Dr Raleigh, NC 27601
Action Level:	1.0 (mg/cm²)		
Total Readings:	107		
Unit Started:	05/20/2024 10:06:31		
Unit Ended:	05/20/2024 11:56:19		

Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
1 (CAL)		Off			Calibration					1.0 mg/cm²	Action Level
2 (CAL)		Off			Calibration					1.0 mg/cm²	Action Level
3 (CAL)		Off			Calibration					1.0 mg/cm²	Action Level
4 (CAL)		Off			Calibration					0.1 mg/cm²	Action Level
5 (CAL)		Off			Calibration					0.0 mg/cm²	Action Level
6 (CAL)		Off			Calibration					0.0 mg/cm²	Action Level
7	Negative	Off	Wall	Cinderblock	A	Intact	White	Second	Hall	0.0 mg/cm²	Action Level
8	Negative	Off	Wall	Drywall	D	Intact	White	Second	Hall	0.1 mg/cm²	Action Level
9	Negative	Off	Window Casing	Aluminum	B	Intact	Brown	Second	Hall	0.3 mg/cm²	Action Level
10	Negative	Off	Window Casing	Aluminum	B	Intact	Brown	Second	Classroc	0.2 mg/cm²	Action Level
11	Negative	Off	Wall	Drywall	B	Intact	White	Second	Classroom	0.1 mg/cm²	Action Level
12	Negative	Off	Door	Metal	B	Intact	Brown	Second	Classroc	0.0 mg/cm²	Action Level
13	Negative	Off	Door Casing	Metal	B	Intact	Brown	Second	Classroom	0.0 mg/cm²	Action Level
14	Negative	Off	Door Jamb	Metal	B	Intact	Brown	Second	Classroc	0.1 mg/cm²	Action Level
15	Negative	Off	Door Jamb	Metal	B	Intact	Brown	Second	lady BR	0.4 mg/cm²	Action Level
16	Negative	Off	Railing	Metal	A	Intact	Brown	Second	Stairwel	0.1 mg/cm²	Action Level
17	Negative	Off	Riser	Metal	A	Intact	Brown	Second	Stairwell	0.0 mg/cm²	Action Level
18	Negative	Off	Window Casing	Metal	D	Intact	Brown	Second	Stairwel	0.1 mg/cm²	Action Level

Keeter Traning Center

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Inspection Site: 105 Keeter Center Dr
Raleigh, NC 27601

Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
19	Negative	Off	Wall	Ceramic	C	Intact	Gray	Second	men BR	0.3 mg/cm²	Action Level
20	Negative	Off	Floor	Ceramic	C	Intact	Gray	Second	men BR	0.0 mg/cm²	Action Level
21	Negative	Off	Wall	Drywall	C	Intact	White	Second	men BR	0.1 mg/cm²	Action Level
22	Negative	Off	Beam	Metal		Intact	White	Second	Classroc	0.0 mg/cm²	Action Level
23	Negative	Off	tres	Metal		Intact	White	Second	Classroom	0.1 mg/cm²	Action Level
24	Negative	Off	Wall	Cinderblock	A	Intact	White	Second	office hall	0.1 mg/cm²	Action Level
25	Negative	Off	Wall	Drywall	D	Intact	White	Second	office hall	0.0 mg/cm²	Action Level
26	Negative	Off	Door Casing	Metal	D	Intact	Brown	Second	office hall	0.5 mg/cm²	Action Level
27	Negative	Off	Door Jamb	Metal	D	Intact	Brown	Second	office hall	0.4 mg/cm²	Action Level
28	Negative	Off	Wall	Cinderblock	D	Intact	White	Second	office hall	0.0 mg/cm²	Action Level
29	Negative	Off	Wall	Cinderblock	C	Intact	White	Second	office hall	0.0 mg/cm²	Action Level
30	Negative	Off	Wall	Drywall	B	Intact	White	Second	office hall	0.0 mg/cm²	Action Level
31	Negative	Off	Window Casing	Aluminum	B	Intact	Brown	Second	office	0.1 mg/cm²	Action Level
32	Negative	Off	Wall	Cinderblock	A	Intact	White	Second	office	0.0 mg/cm²	Action Level
33	Negative	Off	Wall	Cinderblock	B	Intact	White	Second	office	0.0 mg/cm²	Action Level
34	Negative	Off	Wall	Drywall	C	Intact	White	Second	office	0.1 mg/cm²	Action Level
35	Negative	Off	Wall	Drywall	A	Intact	White	Second	office 2	0.0 mg/cm²	Action Level
36	Negative	Off	Window Casing	Aluminum	B	Intact	Brown	Second	office 2	0.2 mg/cm²	Action Level

Keeter Traning Center

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Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
37	Negative	Off	Wall	Cinderblock	A	Intact	White	Second	office 3	0.0 mg/cm²	Action Level
38	Negative	Off	Wall	Cinderblock	B	Intact	White	Second	office 3	0.0 mg/cm²	Action Level
39	Negative	Off	Wall	Concrete	B	Intact	White	Second	office 3	0.3 mg/cm²	Action Level
40	Negative	Off	Wall	Concrete	C	Intact	White	Second	office 3	0.0 mg/cm²	Action Level
41	Negative	Off	Wall	Cinderblock	C	Intact	White	Second	office 3	0.0 mg/cm²	Action Level
42	Negative	Off	Wall	Drywall	C	Intact	White	Second	office 3	0.0 mg/cm²	Action Level
43	Negative	Off	Door Casing	Aluminum	B	Intact	Brown	Second	office 3	0.1 mg/cm²	Action Level
44	Negative	Off	Window Sash	Aluminum	B	Intact	Brown	Second	office 3	0.2 mg/cm²	Action Level
45	Negative	Off	Window Casing	Aluminum	B	Intact	Brown	Second	office 3	0.1 mg/cm²	Action Level
46	Negative	Off	Window Sill	Concrete	B	Intact	White	Second	office 3	0.1 mg/cm²	Action Level
47	Negative	Off	Wall	Cinderblock	D-Lower	Intact	Gray	Second	office hall	0.0 mg/cm²	Action Level
48	Negative	Off	Wall	Drywall	D-Upper	Intact	White	Second	office hall	0.2 mg/cm²	Action Level
49	Negative	Off	Wall	Brick	A	Intact	Red	Second	Exterior	0.0 mg/cm²	Action Level
50	Negative	Off	Door Casing	Metal	A	Intact	Black	Second	Exterior	0.2 mg/cm²	Action Level
51	Negative	Off	Window Casing	Metal	A	Intact	Black	Second	Exterior	0.2 mg/cm²	Action Level
52	Negative	Off	Railing	Metal	A	Deteriorated	Black	Second	Exterior	0.1 mg/cm²	Action Level
53	Negative	Off	Soffit	Wood	A	Intact	White	Second	Exterior	0.0 mg/cm²	Action Level
54	Negative	Off	lentil	Metal	A	Intact	White	Second	Exterior	0.2 mg/cm²	Action Level

Keeter Traning Center

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Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
55	Negative	Off	Facia	Metal	A	Intact	Brown	Second	Exterior	0.2 mg/cm²	Action Level
56	Negative	Off	Mini-Blind	Vinyl	A	Intact	Brown	Second	Classroc	0.2 mg/cm²	Action Level
57	Negative	Off	garage door	Metal	C	Intact	Yellow	Second	Snack room	0.0 mg/cm²	Action Level
58	Negative	Off	Column	Wood	C	Intact	White	Second	Snack room	0.0 mg/cm²	Action Level
59	Negative	Off	Wall	Cinderblock	C	Intact	White	Second	Snack room	0.1 mg/cm²	Action Level
60	Negative	Off	Wall	Vinyl	A	Intact	Blue	Second	Snack room	0.1 mg/cm²	Action Level
61	Negative	Off	Cabinet	Wood	A	Intact	Tan	First	Snack room	0.0 mg/cm²	Action Level
62	Negative	Off	Column	Concrete	A	Intact	Tan	First	Hall	0.0 mg/cm²	Action Level
63	Negative	Off	Door Casing	Metal	A	Intact	Brown	First	Hall	0.1 mg/cm²	Action Level
64	Negative	Off	Wall	Drywall	D	Intact	White	First	Hall	0.0 mg/cm²	Action Level
65	Negative	Off	Wall	Drywall	A	Intact	White	First	Classroom	0.0 mg/cm²	Action Level
66	Negative	Off	Wall	Drywall	B	Intact	White	First	Classroc	0.0 mg/cm²	Action Level
67	Negative	Off	Door Casing	Metal	B	Intact	Brown	First	Classroom	0.6 mg/cm²	Action Level
68	Negative	Off	Door Jamb	Metal	B	Deteriorated	Brown	First	Classroc	0.4 mg/cm²	Action Level
69	Negative	Off	Wall	Cinderblock	D	Intact	White	First	Classroom	0.0 mg/cm²	Action Level
70	Negative	Off	Wall	Cinderblock	D	Intact	White	First	gym	0.0 mg/cm²	Action Level
71	Negative	Off	Column	Metal	D	Intact	White	First	gym	0.0 mg/cm²	Action Level
72	Negative	Off	garage door	Metal	A	Intact	Yellow	First	gym	0.0 mg/cm²	Action Level

Keeter Traning Center

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Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
73	Negative	Off	Door	Wood	D	Intact	Brown	First	gym	0.1 mg/cm²	Action Level
74	Negative	Off	Door Casing	Metal	D	Intact	Brown	First	gym	0.1 mg/cm²	Action Level
75	Negative	Off	Wall	Wood	C-Lower	Intact	White	First	gym hall	0.0 mg/cm²	Action Level
76	Negative	Off	Wall	Drywall	C-Upper	Intact	White	First	gym hall	0.0 mg/cm²	Action Level
77	Negative	Off	Wall	Brick	B	Intact	White	First	gym hall	0.1 mg/cm²	Action Level
78	Negative	Off	Door	Metal	B	Intact	Brown	First	gym hall	0.1 mg/cm²	Action Level
79	Negative	Off	Door Casing	Metal	B	Intact	Brown	First	gym hall	0.0 mg/cm²	Action Level
80	Negative	Off	Wall	Drywall	A	Intact	White	First	locker room	0.1 mg/cm²	Action Level
81	Negative	Off	Wall	Drywall	B	Intact	White	First	locker room	0.0 mg/cm²	Action Level
82	Negative	Off	Ceiling	Drywall	B	Intact	White	First	locker room	0.0 mg/cm²	Action Level
83	Negative	Off	Crown Molding	Wood	B	Intact	White	First	locker room	0.0 mg/cm²	Action Level
84	Negative	Off	Door Casing	Wood	B	Intact	White	First	locker room	0.0 mg/cm²	Action Level
85	Negative	Off	Door Jamb	Wood	B	Intact	White	First	locker room	0.0 mg/cm²	Action Level
86	Negative	Off	Column	Concrete	A	Intact	White	First	locker room	0.1 mg/cm²	Action Level
87	Negative	Off	Wall	Drywall	A	Intact	White	First	locker room hall	0.0 mg/cm²	Action Level
88	Negative	Off	Wall	Drywall	B	Intact	White	First	locker room hall	0.1 mg/cm²	Action Level
89	Negative	Off	Wall	Drywall	B	Intact	White	First	locker room hall	0.2 mg/cm²	Action Level

Keeter Traning Center

Inspection Date:	5/20/2024 - 5/20/2024	Inspection Site:	105 Keeter Center Dr Raleigh, NC 27601
Action Level:	1.0 (mg/cm²)		
Total Readings:	107		
Unit Started:	05/20/2024 10:06:31		
Unit Ended:	05/20/2024 11:56:19		

Read #	Result	RTA Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
90	Negative	Off	Door Casing	Metal	B	Intact	Brown	First	locker room hall	0.4 mg/cm²	Action Level
91	Negative	Off	Door	Metal	C	Intact	Brown	First	locker room hall	0.1 mg/cm²	Action Level
92	Negative	Off	Door Casing	Metal	C	Intact	Brown	First	locker room hall	0.5 mg/cm²	Action Level
93	Negative	Off	Door Jamb	Metal	C	Intact	Brown	First	locker room hall	0.1 mg/cm²	Action Level
94	Negative	Off	Door Header	Metal	C	Intact	Brown	First	Exterior	0.1 mg/cm²	Action Level
95	Negative	Off	Door	Metal	C	Intact	Brown	First	Exterior	0.0 mg/cm²	Action Level
96	Negative	Off	Door Casing	Metal	C	Intact	Brown	First	Exterior	0.3 mg/cm²	Action Level
97	Negative	Off	garage door	Metal	C	Intact	Brown	First	Exterior	0.2 mg/cm²	Action Level
98	Negative	Off	Wall	Metal	C	Intact	Brown	First	Exterior	0.0 mg/cm²	Action Level
99	Negative	Off	Door	Metal	D	Intact	Brown	First	Exterior	0.1 mg/cm²	Action Level
100	Negative	Off	Crown Molding	Wood	D	Intact	White	First	Classroc	0.0 mg/cm²	Action Level
101	Negative	Off	tres	Metal		Intact	Brown	First	Classroom	0.1 mg/cm²	Action Level
102 (CAL)		Off			Calibration					1.0 mg/cm²	Action Level
103 (CAL)		Off			Calibration					1.1 mg/cm²	Action Level
104 (CAL)		Off			Calibration					1.0 mg/cm²	Action Level
105 (CAL)		Off			Calibration					0.0 mg/cm²	Action Level

Keeter Traning Center

Inspection Date:	5/20/2024 - 5/20/2024	Inspection Site:	105 Keeter Center Dr Raleigh, NC 27601
Action Level:	1.0 (mg/cm²)		
Total Readings:	107		
Unit Started:	05/20/2024 10:06:31		
Unit Ended:	05/20/2024 11:56:19		

Read #	Result	RTA	Present	COMPONENT	SUBSTRATE	SIDE	CONDITION	Color	Floor	ROOM	Lead (mg/cm²)	Mode
106 (CAL)		Off				Calibration					0.0 mg/cm²	Action Level
107 (CAL)		Off				Calibration					0.0 mg/cm²	Action Level

------ END OF READINGS ------