Hazardous Materials Survey

De Queen MC Clinics
1314-1316 West Collin Raye Drive
De Queen, Arkansas 71832

October 8, 2024

PRESENTED TO

Arkansas Energy and Environment
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EXECUTIVE SUMMARY

The Arkansas Department of Energy and Environment, Division of Environmental Quality (ADEE-DEQ) tasked Tetra Tech, Inc. (Tetra Tech) to conduct a hazardous materials survey of the De Queen Medical Center (MC) Clinics at 1314-1316 West Collin Raye Drive in De Queen, Arkansas (the subject property). The subject property buildings are former clinic centers but are currently vacant and out of use. The primary purpose of the survey was to assess effects of asbestos and lead-containing paint (LCP) on the subject property. Per guidance from Mr. Brock Huerkamp with ADEE-DEQ, the scope of the survey focused on assessment of the building for presence of asbestos-containing materials (ACM) and LCP as part of the Arkansas Brownfields Program Application Form.

The following ACM and LCP findings and recommendations are based on observations during the survey and analytical results from samples collected at the subject property buildings.

Asbestos-Containing Material

The following ACM findings are based on observations during the survey and analytical results from samples collected at the subject property buildings:

- ACM was identified within the subject property Medical Arts building in cream sheet vinyl flooring with fibrous backing and black/yellow mastic (approximately 1,300 square feet [SF]) in the northern hallway and various dental exam rooms. The sheet flooring and mastic were represented by samples MA-SV01-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos and the mastic contained 3 percent chrysotile asbestos.

- ACM was identified within the subject property Medical Clinics building in green/yellow multicolored sheet vinyl flooring with fibrous backing (approximately 100 SF) in the bathrooms. The sheet flooring was represented by samples MC-SV01-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos.

- ACM was identified within the subject property Medical Clinics building in cream sheet vinyl flooring with fibrous backing (approximately 500 SF) in the hallways and laboratory room. The sheet flooring was represented by samples MC-SV02-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos.

- Assumed ACM was identified at the subject property Medical Arts building in roofing material (approximately 5,500 SF) on the roof.

- Assumed ACM was identified at the subject property Medical Clinics building in roofing material (approximately 13,600 SF) on the roof.

Materials containing asbestos should be removed by a licensed asbestos abatement contractor before any renovation work disturbs the materials. The removed waste must be transported to a disposal site able to accept friable and nonfriable ACM. If the subject property is to be renovated and the ACM are not to be disturbed, these materials may remain in place.

Lead-Containing Paint

X-ray fluorescence readings from suspected LCP on surfaces indicated reportable lead concentrations of 0.001 milligram per square centimeter or greater throughout the subject property.

The Occupational Safety and Health Administration (OSHA) considers LCP as paint with any detectable lead level. If LCP surfaces are to be affected during renovations, the contractor conducting the renovations must comply with OSHA Lead in Construction Standard, Title 29 of *Code of Federal Regulations* (CFR), Part 1926.62. If the materials containing LCP are removed during renovation activities, a sample should be collected from the debris pile for a toxicity characteristic leaching procedure analysis (40 CFR 261.24); representative samples should be collected and analyzed for all eight metals specified in 40 CFR Part 261.24 (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). This would allow determination of the proper method of disposal of the LCP materials.

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 SUBJECT PROPERTY STRUCTURES 3
3.0 ASBESTOS-CONTAINING MATERIAL FIELD SURVEY AND ANALYTICAL PROTOCOLS 4
4.0 LEAD-CONTAINING PAINT SCREENING AND ANALYTICAL PROTOCOLS 5
5.0 ASBESTOS-CONTAINING MATERIAL FINDINGS 6
6.0 LEAD-CONTAINING PAINT FINDINGS 12
7.0 CONCLUSIONS AND RECOMMENDATIONS 22
7.1 ASBESTOS-CONTAINING MATERIAL 22
7.2 LEAD-CONTAINING PAINT 22
8.0 ASSUMPTIONS AND DEVIATIONS 24
9.0 REFERENCES 25

APPENDICES

Appendix A Photolog
Appendix B Inspector Certifications
Appendix C Figures
Appendix D ACM Analytical Results and Chain-of-Custody Forms

TABLES

Table 1 Summary of Suspect ACM Laboratory Analysis 7
Table 2 Summary of LCP Screening Locations 13

1.0 INTRODUCTION

The Arkansas Department of Energy and Environment, Division of Environmental Quality (ADEE-DEQ) tasked Tetra Tech, Inc. (Tetra Tech) to conduct a hazardous materials survey of the De Queen Medical Center (MC) Clinics at 1314-1316 West Collin Raye Drive in De Queen, Arkansas (the subject property). The subject property buildings previously were clinics but currently are vacant and unused. The primary purpose of the survey was to assess the presence of asbestos-containing material (ACM) and lead-containing paint (LCP) at the subject property. Per guidance from Mr. Brock Huerkamp with ADEE-DEQ, the survey was part of the assessment of the subject property under the Arkansas Brownfields Program. Appendix A contains a photolog of observations during the survey.

Tetra Tech's survey team included Ms. Allie Cook and Mr. Geoffrey Jay. Ms. Cook is a licensed Arkansas asbestos inspector, and Mr. Jay is a licensed Asbestos Hazard Emergency Response Act (AHERA) asbestos inspector. In addition, Tetra Tech subcontracted Lead Technologies to conduct the LCP survey. Lead Technologies is a licensed Arkansas lead consultant. Mr. Frank Terry and Ms. Juanita Terry, of Lead Technologies, are certified Arkansas Lead Risk Assessor/Inspectors, and they conducted the LCP survey. Inspector certifications are in Appendix B. Because of limitations on destructive sampling methods, additional suspect materials may be present within walls, voids, or other concealed areas. Assumptions and deviations regarding the subject property survey are conveyed in Section 8.0. Before renovation of the subject property building, further survey work may be needed to comply with all local, state, and federal requirements regulating ACM.

Tetra Tech conducted the hazardous materials survey during August 26 through 29, 2024. The purpose of the survey was to evaluate the subject property for presence, quantity, locations, and characterization of ACM that may require abatement before renovation activities in accordance with National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations as adopted by the U.S. Environmental Protection Agency (EPA). The subject property buildings were constructed in 1968, and ACM likely was used in build-outs of these structures. The intent of the asbestos NESHAP regulations is to protect the public (and workers) by minimizing release of asbestos fibers during activities involving processing, handling, and disposal of ACM. Inhalation of asbestos fibers can cause cancer and other lung diseases (Agency for Toxic Substances and Disease Registry 2016). The survey accorded with industry standard practice for hazardous materials surveys. Asbestos sampling accorded with NESHAP regulations as adopted by EPA.

Lead Technologies conducted a screening for presence, quantity, and locations of LCP exceeding lead hazard levels, which would require Occupational Safety and Health Administration (OSHA) worker safety precautions during remodeling activities. The subject property buildings were constructed in 1968, and LCP likely was used in build-outs of these structures. The LCP screening proceeded according to protocols similar to the single-family housing inspection procedures in U.S. Department of Housing and Urban Development (HUD) guidelines (HUD 2012). Lead Technologies screened paint-covered surfaces using

the SciAps X550-pb (SciAps), serial # 01497 X-ray fluorescence (XRF) spectrometer. The SciAps is an XRF spectrum analyzing system for quantitative measurement of lead in paint on various substrates.

Tetra Tech prepared this report in accordance with generally accepted industrial hygiene practice and procedures, the project scope of work, and terms and conditions in the project agreement. In addition, preparation of this report accorded with guidelines established at the time of the work, including those of the ADEE-DEQ, the American Industrial Hygiene Association, and EPA, among others. This report does not cover or comment on structural areas not assessed either visibly or by sample collection. The data evaluation and assessment stated herein constitute a professional opinion; no other warranty is expressed or implied.

Tetra Tech provided these services consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This statement is in lieu of other statements either expressed or implied. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, findings, conclusions, or recommendations is at the risk of said user. This report does not warrant against future operations or conditions that could affect its recommendations. Moreover, because of some limitations on destructive sampling during the survey, completion of the survey does not guarantee identification of all ACM or LCP—hazardous materials may be present in voids of walls or ceilings.

Section 2.0 of this report describes the subject property structure. Section 3.0 specifies field and analytical protocols for the asbestos survey. Section 4.0 presents the field survey and analytical protocols for the LCP screening. Section 5.0 presents asbestos findings. Section 6.0 describes LCP findings. Section 7.0 specifies conclusions and offers recommendations. Section 8.0 conveys assumptions and deviations regarding the subject property building surveyed. Section 9.0 lists sources referenced during development of this report.

2.0 SUBJECT PROPERTY STRUCTURES

The subject property hosts two one-story commercial use buildings at 1314-1316 West Collin Raye Drive in De Queen, Arkansas. The northern Medical Arts building encompasses approximately 5,500 square feet, and the southern Medical Clinic building encompasses approximately 13,600 square feet; both buildings were first constructed in 1968. The structures are of prefabricated concrete and metal framing. Interior finishes include drywall wall system, lay-in acoustical tile ceilings, and vinyl floor tile, linoleum, carpet, ceramic, and concrete floors. Exterior walls consist of brick, concrete masonry units (CMUs), and aluminum siding. Roofing material for the Medical Arts building consists of standing seam metal, and roofing material for the Medical Clinics building consists of built-up roofing material.

3.0 ASBESTOS-CONTAINING MATERIAL FIELD SURVEY AND ANALYTICAL PROTOCOLS

Tetra Tech made every effort to inspect all areas of the subject property buildings for ACM. Minor demolition of materials (destructive sampling) was required during the survey effort. The inspector took care to ensure that the subject property remained unoccupied during sample collection. Asbestos samples were collected in accordance with NESHAP as adopted by EPA and the AHERA of 1986 protocols. AHERA defines ACM as any material or product that contains more than 1 percent asbestos. Suspected ACMs were grouped as homogeneous areas if similar in appearance and texture; however, if the inspector decided that a material (for example, wall texturing) was not similar in appearance and texture to other materials in the subject property buildings, the inspector distinguished the material as unique and collected samples of each unique material accordingly. Because of limitations on destructive sampling methods, additional suspect materials not detected may be present in walls, voids, or other concealed areas. Assumptions and deviations regarding the building surveyed are conveyed in Section 8.0.

Each bulk sample of suspected ACM was collected in a manner ensuring representation of each distinct layer of material in the sample. A wetting agent was applied to friable surfaces before sample collection to reduce potential for fiber release. All samples collected were placed in plastic bags, labeled, and sealed immediately upon collection. To avoid cross-contamination between samples, the sampling instruments were wiped clean by use of a wet, lint-free cloth after collection of each sample. A unique sample identification number was assigned to each sample.

The samples remained in the inspector's custody until sent to the laboratory. Upon completion of sampling activities, the bulk samples were sent, along with Tetra Tech's chain-of-custody documentation, to Eurofins EPK Built Environmental Testing, LLC (EPK) in Marlton, New Jersey. Suspect ACM samples were analyzed per EPA Method 600/R-93/116 by EPK via polarized light microscopy (PLM) analysis. EPK is a National Voluntary Laboratory Accreditation Program-certified laboratory, certification number 200844-0. Section 5.0 summarizes ACM analytical results. Sample locations are shown on Figure 1 and Figure 2 in Appendix C. Appendix D provides ACM analytical results and chain-of-custody forms for bulk samples.

4.0 LEAD-CONTAINING PAINT SCREENING AND ANALYTICAL PROTOCOLS

Lead Technologies made every effort to inspect all areas of the subject property. HUD (2012) guidelines suggest that paint applied before 1978 could contain lead.

An XRF screening of suspected LCP accorded with protocols similar to the single-family housing inspection procedures in the HUD (2012) guidelines. Lead Technologies used a SciAps XRF to perform the LCP screening. The SciAps is an XRF spectrum analyzing system for quantitative measurement of lead in paint on various substrates. Lead Technologies performed XRF screening of suspect painted surfaces that possibly would be affected during renovation activities.

Lead Technologies used the XRF "Lead Paint Mode" for testing, standardized per the equipment instruction manual, and programmed the unit with an action level of 1.0 milligram per square centimeter (mg/cm^2). The SciAps automatically adjusts the measurement time to be the least time needed to make a definitive measurement based on the action level. Paint containing greater than or equal to 1.0 mg/cm^2 lead by XRF screening is considered lead-based paint. Paint with a detectable concentration of lead containing less than 1.0 mg/cm^2 lead by XRF screening is considered LCP.

Tetra Tech performed XRF calibration checks on the SciAps in general accord with SciAps's recommended protocol. These quality control readings were used to monitor performance of the SciAps. The calibration-check readings were taken from a standard reference material paint film developed by the National Institute of Standards and Technology. Calibration readings were within the acceptable deviation range for each standard. Section 6.0 summarizes results from XRF screening of painted surfaces at the subject property.

5.0 ASBESTOS-CONTAINING MATERIAL FINDINGS

The laboratory report in Appendix D presents the PLM results from samples of suspected ACM collected at the subject property building. Based on analytical results, ACM was identified within the areas inspected and sampled in the subject property buildings. Table 1 summarizes laboratory results from suspected ACM.

TABLE 1

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Figure Key	Sample ID	Material Description	Material Locations	PLM-Analytical Result (%ACM[1]) [2]	Quantity	NESHAP Category[3]
Medical Arts Building – Figure 1						
1	MA-CT01-001	2’ x 4’ White Ceiling Tile with Fissures and Pin Holes	Throughout	ND	NA	NA
2	MA-CT01-002					
3	MA-CT01-003					
4	MA-VFT01-001	12” x 12” Cream with Brown Steaks Vinyl Floor Tile and Yellow Mastic	Front Entry Hallway	ND	NA	NA
5	MA-VFT01-002					
6	MA-VFT01-003					
7	MA-VFT02-001	12” x 12” Blue with White Streak Vinyl Floor Tile with Yellow Mastic	Front Entry Hallway	ND	NA	NA
8	MA-VFT02-002					
9	MA-VFT02-003					
10	**MA-SV01-001**	**Cream Sheet Vinyl Flooring with Black/Yellow Mastic**	**Northern Hallway and Dental Exam Rooms**	**Sheet Vinyl – 15% Chrysotile Mastic – 3% Chrysotile**	**1,300 SF**	**Category I and II – Non-Friable**
11	**MA-SV01-002**					
12	**MA-SV01-003**					
13	MA-CB02-001	3” Dark Blue Cove Base with Yellow and Brown Mastic	Front Entry Hallway	ND	NA	NA
14	MA-CB02-002					
15	MA-CB02-002					
16	MA-SV02-001	Brown Multicolor Sheet Vinyl Flooring with Black Mastic	Exam Rooms 1, 4, 5, & 6	ND	NA	NA
17	MA-SV02-002					
18	MA-SV02-003					
19	MA-SV03-001	Green and Yellow Sheet Vinyl Flooring with Yellow Mastic	Exam Room 2	ND	NA	NA
20	MA-SV03-002					
21	MA-SV03-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Figure Key	Sample ID	Material Description	Material Locations	PLM-Analytical Result (%ACM[1]) [2]	Quantity	NESHAP Category[3]
22	MA-CB03-001	3” Brown Cove Base with Yellow Mastic	Northwest Back Room	ND	NA	NA
23	MA-CB03-002					
24	MA-CB03-003					
25	MA-CB04-001	3” Teal Cove Base with Yellow Mastic	Northside Hallway	ND	NA	NA
26	MA-CB04-002					
27	MA-CB04-003					
28	MA-CB05-001	3” Black Cove Base with Yellow Mastic	Exam Room 2	ND	NA	NA
29	MA-CB05-002					
30	MA-CB05-003					
31	MA-CB06-001	3” Gray Cove Base with Yellow Mastic	Bathrooms and Southwest Backrooms	ND	NA	NA
32	MA-CB06-002					
33	MA-CB06-003					
34	MA-CB07-001	4” Gray Cove Base with Yellow Mastic	Bathrooms	ND	NA	NA
35	MA-CB07-002					
36	MA-CB07-003					
37	MA-SV04-001	Gray Multicolor Sheet Vinyl Flooring with Gray Mastic	Left Side Bathrooms in Southwest Corner	ND	NA	NA
38	MA-SV04-002					
39	MA-SV04-003					
40	MA-VFT03-001	12” x 12” Green Vinyl Floor Tile with Brown Specks and Black Mastic	Back Bathroom	ND	NA	NA
41	MA-VFT03-002					
42	MA-VFT03-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Figure Key	Sample ID	Material Description	Material Locations	PLM-Analytical Result (%ACM[1]) [2]	Quantity	NESHAP Category[3]
43	MA-CT02-001	2' x 2' White Ceiling Tile with Fissures and Pin Holes	Rooms Off Conference Room	ND	NA	NA
44	MA-CT02-002					
45	MA-CT02-003					
46	MA-DWJC-001	White Drywall Joint Compound	Throughout	ND	NA	NA
47	MA-DWJC-002					
48	MA-DWJC-003					
49	MA-DWJC-004					
50	MA-DWJC-005					
NA	**Assumed ACM**	**Roofing Material**	**Roof of Building**	**NA**	**5,500 SF**	**Category I – Non-Friable**
Medical Clinics Building – Figure 2						
1	MC-CB01-001	5" Brown Cove Base with Yellow Mastic	Throughout Main Hallways	ND	NA	NA
2	MC-CB01-002					
3	MC-CB01-003					
4	MC-CT01-001	2' x 4' White Ceiling Tile with Pin Holes and Crevasses	Main Hallways	ND	NA	NA
5	MC-CT01-002					
6	MC-CT01-003					
7	MC-VFT01-001	12" x 12" Cream with Gray Streaks Vinyl Floor Tile and Yellow Mastic	Main Hallways	ND	NA	NA
8	MC-VFT01-002					
9	MC-VFT01-003					
10	MC-VFT02-001	12" x 12" White with Gray/Green Streaks Vinyl Floor Tile with Yellow Mastic	Exam Rooms 3, 4, 5, & 6	ND	NA	NA
11	MC-VFT02-002					
12	MC-VFT02-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Figure Key	Sample ID	Material Description	Material Locations	PLM-Analytical Result (%ACM[1]) [2]	Quantity	NESHAP Category[3]
13	**MC-SV01-001**	**Green/Yellow Sheet Vinyl Flooring with White Mastic**	**Bathrooms Located Throughout the Building**	**Sheet Flooring – 15% Chrysotile Mastic - ND**	**100 SF**	**Category I – Non-Friable**
14	**MC-SV01-002**					
15	**MC-SV01-003**					
16	**MC-SV02-001**	**Cream Sheet Vinyl Flooring with White Mastic**	**Rooms Off the Main Hallways and Laboratory**	**Sheet Flooring – 15% Chrysotile Mastic - ND**	**500 SF**	**Category I – Non-Friable**
17	**MC-SV02-002**					
18	**MC-SV02-003**					
19	MC-CB02-001	3” Maroon Cove Base with Yellow Mastic	Exam Rooms 8, 9, & 10	ND	NA	NA
20	MC-CB02-002					
21	MC-CB02-003					
22	MC-CB03-001	5” Dark Blue Cove Base with Yellow Mastic	Northeast Hallway and Reception Area	ND	NA	NA
23	MC-CB03-002					
24	MC-CB03-003					
25	MC-CB04-001	5” Black Cove Base with Yellow Mastic	Laboratory Space Next to Women’s Restroom	ND	NA	NA
26	MC-CB04-002					
27	MC-CB04-003					
28	MC-CB05-001	5” Pink Cove Base with Yellow Mastic	Southeast Corner Offices	ND	NA	NA
29	MC-CB05-002					
30	MC-CB05-003					
31	MC-CB06-001	4” Brown Cove Base with Yellow Mastic	Southwest Corner Offices	ND	NA	NA
32	MC-CB06-002					
33	MC-CB06-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Figure Key	Sample ID	Material Description	Material Locations	PLM-Analytical Result (%ACM[1]) [2]	Quantity	NESHAP Category[3]
34	MC-CB07-001	3" Green Cove Base with Yellow Mastic	Southwest Corner Offices	ND	NA	NA
35	MC-CB07-002					
36	MC-CB07-003					
37	MC-CB08-001	3" Light Blue Cove Base with Yellow Mastic	Back Side Reception Room	ND	NA	NA
38	MC-CB08-002					
39	MC-CB08-003					
40	MC-DWJC-001	Drywall Joint Compound	Throughout Building	ND	NA	NA
41	MC-DWJC-002					
42	MC-DWJC-003					
43	MC-DWJC-004					
44	MC-DWJC-005					
NA	**Assumed ACM**	**Roofing Material**	**Roof of Building**	**NA**	**13,600 SF**	**Category I – Non-Friable**

Notes:

1 AHERA defines ACM as any material or product that contains more than 1 percent asbestos.

2 Result includes all layers unless otherwise specified.

3 NESHAP distinguishes ACM into three categories: Friable, Category I – Non-Friable, and Category II – Non-Friable, based on the physical properties and type of material.

' Foot
" Inch

ACM Asbestos-containing material
AHERA Asbestos Hazard and Emergency Response Act of 1986
EPA U.S. Environmental Protection Agency
ID Identification
NA Not applicable
NESHAP National Emissions Standards for Hazardous Air Pollutants
ND Not detected
OSHA Occupational Safety and Health Administration
PLM Polarized light microscopy
SF Square foot

6.0 LEAD-CONTAINING PAINT FINDINGS

LCP locations identified via XRF screening at the subject property are listed in Table 2. **Bolded** results in Table 2 indicate where lead-based paint was detected (concentration exceeding 1.0 mg/cm^2). *Italicized* results in Table 2 indicate positive identification of LCP (lead detected but at a concentration less than 1.0 mg/cm^2).

TABLE 2

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Medical Arts Building					
	Calibration (Pre Cal)	Start of Building Survey	8/28/2024	1.03	
	Calibration (Pre Cal)	Start of Building Survey	8/28/2024	1.03	
Beige	Exterior	Wall	Plaster	0	Intact
Beige	*Exterior*	*Wall*	*Metal*	*0.02*	*Intact*
Beige	*Exterior*	*Wall*	*Metal*	*0.03*	*Intact*
Beige	Exterior	Wall	Plaster	0	Intact
Beige	*Exterior*	*Vent Cover*	*Metal*	*0.02*	*Intact*
Gray	*Exterior*	*Railing – Hand Railing*	*Metal*	*0.09*	*Poor*
Gray	*Exterior*	*Door Jamb*	*Metal*	*0.04*	*Intact*
Beige	*Exterior*	*Door*	*Metal*	*0.06*	*Intact*
Beige	*Exterior*	*Wall*	*Metal*	*0.03*	*Intact*
Beige	*Exterior*	*Downspout*	*Metal*	*0.02*	*Intact*
Beige	Exterior	Wall	Plaster	0	Intact
White	Exterior	Soffit	Plaster	0	Intact
White	Conference Room	Wall	Drywall	0	Intact
Whie	Conference Room	Wall	Drywall	0	Intact
Brown	Conference Room	Door Casing	Wood	0	Intact
Brown	Conference Room	Door	Wood	0	Intact
Brown	Bathroom	Door Jamb	Wood	0	Intact
Brown	Bathroom	Door	Wood	0	Intact
Natural	Bathroom	Cabinets, Vanity	Wood	0	Intact
Gray	*Bathroom*	*Wall*	*Drywall*	*0.01*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Gray	Bathroom	Wall	Drywall	0	Intact
White	Office	Wall	Drywall	0	Intact
White	Office	Wall	Drywall	0	Intact
Brown	Office	Door Header	Wood	0	Intact
Brown	Office	Door	Wood	0	Intact
Brown	*Hallway 4*	*Wall*	*Wood*	*0.38*	*Intact*
Brown	*Hallway 4*	*Wall*	*Wood*	*0.44*	*Intact*
Brown	Hallway 4	Door	Wood	0	Intact
Brown	*Hallway 4*	*Door Casing*	*Wood*	*0.31*	*Intact*
Brown	*Hallway 4*	*Door Jamb*	*Metal*	*0.06*	*Intact*
Brown	*Hallway 4*	*Door*	*Metal*	*0.12*	*Intact*
White	Bathroom 5	Wall	Tile	0	Intact
White	Bathroom 5	Wall	Tile	0	Intact
Natural	Bathroom 5	Door Jamb	Wood	0	Intact
Natural	Bathroom 5	Door	Wood	0	Intact
Natural	*Waiting Room 6*	*Door*	*Wood*	*0.01*	*Intact*
Natural	Waiting Room 6	Door Header	Wood	0	Intact
White	Waiting Room 6	Wall	Drywall	0	Intact
White	Waiting Room 6	Wall	Drywall	0	Intact
White	*Waiting Room 6*	*Wall*	*Drywall*	*0.01*	*Intact*
White	Waiting Room 6	Wall	Drywall	0	Intact
White	Waiting Room 6	Door Jamb	Wood	0	Intact
White	Waiting Room 6	Door	Wood	0	Intact
White	Laboratory Room 7	Shelf	Wood	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Natural	Laboratory Room 7	Shelf	Wood	0	Intact
Natural	Laboratory Room 7	Door Header	Wood	0	Intact
Natural	Laboratory Room 7	Door	Wood	0	Intact
White	Laboratory Room 7	Wall	Drywall	0	Intact
White	Laboratory Room 7	Wall	Drywall	0	Intact
White	Exam Room 3 & Room 8	Wall	Drywall	0	Intact
White	Exam Room 3 & Room 8	Wall	Drywall	0	Intact
White	Exam Room 3 & Room 8	Coat Rack Trim	Wood	0	Intact
Natural	Exam Room 3 & Room 8	Door Casing	Wood	0	Intact
Natural	Exam Room 3 & Room 8	Door	Wood	0	Intact
Natural	Hallway Room 9	Door Jamb	Wood	0	Intact
Natural	Hallway Room 9	Door	Wood	0	Intact
Natural	Hallway Room 9	Service Window, Window	Wood	0	Intact
Natural	Hallway Room 9	Wall Baseboard	Wood	0	Intact
Natural	Hallway Room 9	Wall	Wood	0	Intact
White	Hallway Room 9	Wall	Drywall	0	Intact
White	Hallway Room 9	Wall	Drywall	0	Intact
White	Dental Treatment Room 10	Wall	Drywall	0	Intact
White	Dental Treatment Room 10	Wall	Drywall	0	Intact
Natural	Dental Treatment Room 10	Door Jamb	Wood	0	Intact
Natural	Dental Treatment Room 10	Door	Wood	0	Intact
Natural	Reception, Room 11	Door Header	Wood	0	Intact
Natural	Reception, Room 11	Service Window	Wood	0	Intact
Natural	Reception, Room 11	Wall Baseboard	Wood	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	Reception, Room 11	Wall	Drywall	0	Intact
White	Reception, Room 11	Wall	Drywall	0	Intact
White	Waiting Room 12	Wall	Drywall	0	Intact
White	Waiting Room 12	Wall	Drywall	0	Intact
White	Waiting Room 12	Door Casing	Wood	0	Intact
Natural	Waiting Room 12	Door	Wood	0	Intact
Natural	Waiting Room 12	Service Window	Wood	0	Intact
	Waiting Room 12	Wall Baseboard	Wood	0	Intact
Gray	Waiting Room 6	Upper I-Beam	Metal	0	Intact
White	*Waiting Room 6*	*Wall*	*Metal*	*0.02*	*Intact*
	Calibration (Post Cal)	End of Building Survey	8/28/2024	1	
	Calibration (Post Cal)	End of Building Survey	8/28/2024	1	
Medical Clinics Building					
	Calibration (Pre Cal)	Start of Building Survey	8/28/2024	1.02	
	Calibration (Pre Cal)	Start of Building Survey	8/28/2024	1.01	
Beige	Exterior	Wall	Plaster	0	Intact
Beige	Exterior	Window Panel	Wood	0	Intact
Beige	*Exterior*	*Window Lintel*	*Metal*	*0.04*	*Intact*
Beige	Exterior	Foundation	Concrete	0	Intact
Beige	Exterior	Foundation	Concrete	0	Intact
Beige	Exterior	Wall	Plaster	0	Intact
Beige	*Exterior*	*Downspout*	*Metal*	*0.01*	*Poor*
Gray	*Exterior*	*Railing – Hand Railing*	*Metal*	*0.02*	*Poor*
White	*Exterior*	*Door Lintel*	*Metal*	*0.03*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	*Exterior*	*Door Jamb*	*Metal*	*0.03*	*Intact*
White	*Exterior*	*Door*	*Metal*	*0.03*	*Poor*
White	Exterior	Foundation	Concrete	0	Intact
Beige	Exterior	Wall	Plaster	0	Intact
Beige	*Exterior*	*Vent – Vent Pipe*	*Metal*	*0.42*	*Intact*
Beige	Exterior	Window Lintel	Metal	0	Intact
Beige	Exterior	Waning Support	Plaster	0	Poor
Beige	Exterior	Upper Column	Plaster	0	Intact
Gray	*Exterior*	*Door Casing*	*Metal*	*0.01*	*Poor*
Brown	*Exterior*	*Door Jamb*	*Metal*	*0.08*	*Intact*
Brown	Exterior	Door	Metal	0	Intact
Beige	Exterior	Soffit Support	Plaster	0	Intact
Beige	Exterior	Soffit	Plaster	0	Intact
Brown	*Exterior*	*Door Lintel*	*Metal*	*0.02*	*Intact*
Beige	Exterior	Wall	Plaster	0	Intact
Beige	Lobby Room 1	Wall	Concrete	0	Intact
Beige	Lobby Room 1	Wall	Concrete	0	Intact
Brown	Lobby Room 1	Door Header	Metal	0	Poor
Brown	*Lobby Room 1*	*Door*	*Wood*	*0.07*	*Intact*
Brown	Lobby Room 1	Support Column – Support Beam	Metal	0	Intact
Brown	Lobby Room 1	Wall Crown Molding	Plaster	0	Intact
Brown	Lobby Room 1	Door Casing	Wood	0	Intact
Beige	Lobby Room 1	Service Window	Wood	0	Intact
Beige	Lobby Room 1	Wall	Drywall	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	Lobby Room 1	Wall	Concrete	0	Intact
White	Hallway Room 2	Wall	Concrete	0	Intact
White	Hallway Room 2	Wall	Brick	0	Intact
Beige	Hallway Room 2	Wall	Concrete	0	Intact
Brown	*Hallway Room 2*	*Door Header*	*Metal*	*0.01*	*Intact*
White	*Hallway Room 2*	*Door*	*Metal*	*0.25*	*Intact*
White	Hallway Room 2	Support Column – Support Beam	Metal	0	Poor
Beige	Hallway Room 2	Lower Column	Concrete	0	Intact
White	Hallway Room 2	Service Window	Wood	0	Intact
Brown	Office Room 3	Door Jamb	Metal	0	Intact
White	*Office Room 3*	*Door*	*Metal*	*0.16*	*Intact*
Natural	Office Room 3	Vanity Cabinets	Wood	0	Intact
Natural	Office Room 3	Wall Baseboard	Wood	0	Intact
Yellow	Office Room 3	Wall	Drywall	0	Intact
Yellow	Office Room 3	Wall	Drywall	0	Intact
White	Storage Room – Room 4	Wall	Drywall	0	Intact
White	Storage Room – Room 4	Wall	Drywall	0	Intact
Natural	Storage Room – Room 4	Cabinet Frames	Wood	0	Intact
Brown	*Storage Room – Room 4*	*Door Header*	*Metal*	*0.01*	*Intact*
White	*Storage Room – Room 4*	*Door*	*Metal*	*0.32*	*Intact*
Brown	*Exam Room 5*	*Door*	*Metal*	*0.07*	*Intact*
Brown	*Exam Room 5*	*Door Jamb*	*Metal*	*0.01*	*Intact*
White	Exam Room 5	Wall	Drywall	0	Intact
White	Exam Room 5	Wall	Drywall	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	Laboratory Room 6	Wall	Concrete	0	Intact
White	Laboratory Room 6	Wall	Concrete	0	Intact
Natural	Laboratory Room 6	Cabinet Doors	Wood	0	Intact
Brown	*Laboratory Room 6*	*Door Casing*	*Metal*	*0.08*	*Intact*
White	*Laboratory Room 6*	*Door*	*Metal*	*0.18*	*Intact*
Natural	Laboratory Room 6	Door	Wood	0	Intact
White	*Storage Room – Room 7*	*Door*	*Metal*	*0.21*	*Intact*
Brown	*Storage Room – Room 7*	*Door Header*	*Metal*	*0.02*	*Intact*
White	Storage Room – Room 7	Wall	Concrete	0	Intact
White	Storage Room – Room 7	Wall	Concrete	0	Intact
White	Public Bathroom 8	Wall	Concrete	0	Intact
White	Public Bathroom 8	Wall	Concrete	0	Intact
White	*Public Bathroom 8*	*Door*	*Metal*	*0.4*	*Intact*
Brown	*Public Bathroom 8*	*Door Casing*	*Metal*	*0.06*	*Intact*
Brown	*Radiology Room 9*	*Door Header*	*Metal*	*0.02*	*Intact*
White	**Radiology Room 9**	**Door**	**Metal**	**4.21**	**Intact**
White	**Radiology Room 9**	**Wall**	**Wood**	**1.67**	**Intact**
White	**Radiology Room 9**	**Wall**	**Wood**	**2.2**	**Intact**
White	**Radiology Room 9**	**Wall**	**Wood**	**1.75**	**Intact**
White	**Radiology Room 9**	**Wall**	**Wood**	**1.49**	**Intact**
White	Office Room 10	Wall	Wood	0	Intact
White	Office	Wall	Wood	0	Intact
Brown	*Office*	*Door Casing*	*Metal*	*0.02*	*Intact*
White	*Office*	*Door*	*Metal*	*0.21*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	*Mechanical Room 11*	*Door*	*Metal*	*0.09*	*Intact*
Brown	*Mechanical Room 11*	*Door Jamb*	*Metal*	*0.09*	*Intact*
Brown	*X-Ray File Room 12*	*Door Header*	*Metal*	*0.01*	*Intact*
White	*X-Ray File Room 12*	*Door*	*Metal*	*0.24*	*Intact*
White	X-Ray File Room 12	Wall	Concrete	0	Intact
White	X-Ray File Room 12	Wall	Concrete	0	Intact
White	Physical Therapy (PT) Room 1, Room 12	Wall	Concrete	0	Intact
White	*PT Room 1, Room 12*	*Wall*	*Brick*	*0.01*	*Intact*
Natural	PT Room 1, Room 12	Vanity Cabinets	Wood	0	Intact
White	*PT Room 1, Room 12*	*Door Casing*	*Metal*	*0.02*	*Intact*
White	*PT Room 1, Room 12*	*Door*	*Metal*	*0.32*	*Intact*
White	PT Room 2, Room 14	Door	Metal	0	Intact
White	*PT Room 2, Room 14*	*Door Jamb*	*Metal*	*0.01*	*Intact*
Beige	PT Room 2, Room 14	Window Panel	Wood	0	Intact
Natural	PT Room 2, Room 14	Wall	Wood	0	Intact
Yellow	Office 9, Room 15	Wall	Drywall	0	Intact
Yellow	Office 9, Room 15	Wall	Drywall	0	Intact
Brown	Office 9, Room 15	Windowsill	Wood	0	Intact
Brown	Office 9, Room 15	Vanity Cabinets	Wood	0	Intact
Natural	Office 9, Room 15	Door	Wood	0	Intact
Brown	Office 9, Room 15	Door Casing	Metal	0	Intact
	Calibration (Post Cal)	End of Building Survey	8/28/2024	1	
	Calibration (Post Cal)	End of Building Survey	8/28/2024	0.99	

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1314-1316 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
	Calibration (Post Cal)	End of Building Survey	8/28/2024	0.98	
	Calibration (Post Cal)	End of Building Survey	8/28/2024	0.99	

Notes:

Bolded result indicates positive identification of lead-based paint (>1 mg/cm^2).
Italicized result indicated positive identification of LCP (<1 mg/cm^2).

[1] Condition of LCP and/or lead-based paint is either intact or damaged.

LCP Lead-containing paint
mg/cm^2 Milligrams per square centimeter
XRF X-ray fluorescence

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on survey observations and sample analytical results, Tetra Tech presents the following conclusions and offers the following recommendations for actions before renovation of the subject property buildings:

7.1 ASBESTOS-CONTAINING MATERIAL

The following ACM findings are based on observations during the survey and analytical results from samples collected at the subject property buildings:

- ACM was identified within the subject property Medical Arts building in cream sheet vinyl flooring with fibrous backing and black/yellow mastic (approximately 1,300 square feet [SF]) in the northern hallway and various dental exam rooms. The sheet flooring and mastic were represented by samples MA-SV01-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos and the mastic contained 3 percent chrysotile asbestos.

- ACM also was identified within the subject property Medical Clinics building in cream sheet vinyl flooring with fibrous backing (approximately 500 SF) in the hallways and laboratory room. The sheet flooring was represented by samples MC-SV02-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos.

- ACM was identified within the subject property Medical Clinics building in green/yellow multicolored sheet vinyl flooring with fibrous backing (approximately 100 SF) in the bathrooms. The sheet flooring was represented by samples MC-SV01-001, -002, and -003. Laboratory results indicated that the sheet flooring contained 15 percent chrysotile asbestos.

- Assumed ACM was identified at the subject property Medical Arts building in roofing material (approximately 5,500 SF) on the roof.

- Assumed ACM was identified at the subject property Medical Clinics building in roofing material (approximately 13,600 SF) on the roof.

ACM should be removed by a licensed asbestos abatement contractor before any renovation work disturbs the materials. The removed waste must be transported to a disposal site able to accept friable and nonfriable ACM. If the subject property is to be renovated and the ACM are not to be disturbed, these materials may remain in place.

7.2 LEAD-CONTAINING PAINT

XRF readings from suspected LCP on painted surfaces indicated detectable lead concentrations of 0.001 mg/cm^2 or greater throughout the subject property.

OSHA considers LCP as paint with any detectable lead level. If LCP surfaces are to be affected during renovations, the contractor conducting the renovations must comply with OSHA Lead in Construction Standard, Title 29 of *Code of Federal Regulations* (CFR), Part 1926.62. If the materials containing LCP are removed during renovation activities, a sample should be collected from the debris pile for a toxicity

characteristic leaching procedure analysis (40 CFR 261.24); representative samples should be collected and analyzed for all eight metals specified in 40 CFR Part 261.24 (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver). This would allow determination of the proper method of disposal of the LCP materials.

8.0 ASSUMPTIONS AND DEVIATIONS

All areas of the subject property buildings were inspected for suspected ACM and LCP. Because of limitations on destructive sampling methods, additional suspect materials may be present but not detected in walls, voids, or other concealed areas. Tetra Tech identified suspected asbestos-containing roofing material on roofs of the two buildings. Heights of these roofs restricted access by the inspection team; therefore, samples were not collected. Tetra Tech recommends that if these suspect materials are to be disturbed during renovations, these materials should be sampled to determine their asbestos content or assumed to be ACM and managed appropriately. All other accessible areas of the subject property buildings were inspected.

9.0 REFERENCES

Agency for Toxic Substance and Disease Registry. 2016. Health Effects of Asbestos. Last Reviewed November 3, 2023. https://atsdr.cdc.gov/asbestos/health_effects_asbestos.html

U.S. Department of Housing and Urban Development (HUD). 2012. *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. Second Edition. Office of Healthy Homes and Lead Hazard Control. July.

APPENDIX A: PHOTOLOG

Photo 1: This photograph shows the east side of the Medical Arts building.

Photo 2: This photograph shows the east side of the Medical Clinics building.

Photo 3: This photograph shows the asbestos-containing material (ACM) cream sheet vinyl flooring and black mastic (MA-SV01) found in the northern hallway and various dental exam rooms of the Medical Arts building.

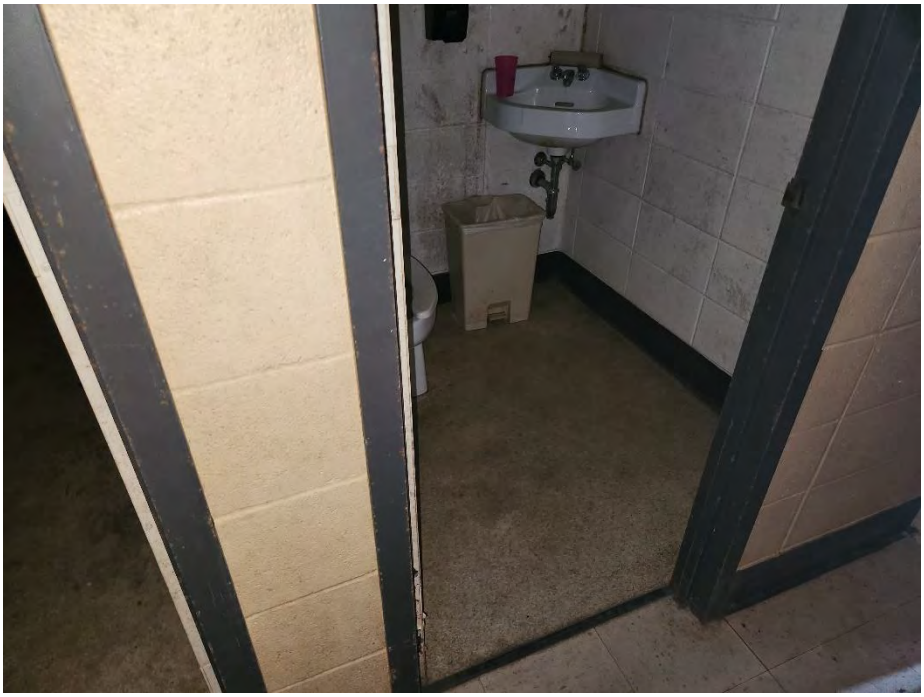


Photo 4: This photograph shows the ACM green/yellow sheet vinyl flooring and white mastic (MC-SV01) found in the bathrooms of the Medical Clinics building.

Photo 5: This photograph shows ACM cream sheet vinyl flooring and white mastic (MC-SV02) found in the laboratory room and rooms off the main hallway of the Medical Clinics building.

Photo 6: This photograph shows a view of assumed ACM roofing material on the Medical Clinics building.

Photo 7: This photograph shows a closeup view of the assumed ACM roofing material on the Medical Clinics building and its damage.

Photo 8: This photograph shows a view of assumed ACM roofing material on the Medical Arts building (red arrow).

APPENDIX B: INSPECTOR CERTIFICATIONS

ARKANSAS DIVISION OF ENVIRONMENTAL QUALITY

ASBESTOS PROGRAM

ALLISON COOK

has satisfied the requirements of AHERA/ASHARA under TSCA Title II, and those of Rule 21 of the Arkansas Pollution Control and Ecology Commission, pursuant to Ark. Code Ann. § 20-27-1001 *et seq.*, and is hereby certified to perform certain asbestos-related work, within the State of Arkansas, in the following discipline(s):

Discipline	Expiration Date
Inspector.....	06/30/2025

Certification Number: 018773

Bailey Taylor
Interim Director, Division of Environmental Quality
Chief Administrator of the Environment
Arkansas Department of Energy and Environment

SEEK Watermark

M·E·T·A

Mayhew Environmental Training Associates

INCORPORATED

Certificate # 90U1BIHTS0

Geoffrey Jay

has on 8/22/2024, in Lawrence, KS
completed the requirements for asbestos accreditation under Section 206 of TSCA Title II, 15 USC 2646

Asbestos Inspector Refresher

as approved by AR (incorporates 2-hr AR Awareness) and the US EPA under 40 CFR 763 (AHERA) from 8/22/2024 to 8/22/2024 and passed the associated exam on 8/22/2024 with a score of at least 70%

KANSAS EST. 1985 MAYHEW INC. 1987 ENVIRONMENTAL TRAINING ASSOCIATES SAFETY IN GOD ALONE

Lawrence Oliver
Instructor

Thomas Mayhew
President

SSN: XXX-XX-4602
Expiration: 8/22/2025

P.O. Box 786 - Lawrence, KS. 66044 - 800.444.6382
www.metaenvironmental.net

State of Arkansas

Department of Health

Frank Terry

having satisfied the requirements necessary to meet the provisions of TSCA Title IV and the Arkansas Board of Health's Rules Pertaining to Lead-Based Paint Activities and is hereby certified in the State of Arkansas in the discipline(s) of Lead

Inspector
Certificate Number: 000327

Issue Date: November 16, 2023

Expire Date: November 16, 2024

Lead-Based Paint Program Coordinator

State of Arkansas
Department of Health

Frank Terry

having satisfied the requirements necessary to meet the provisions of TSCA Title IV and the Arkansas Board of Health's Rules Pertaining to Lead-Based Paint Activities and is hereby certified in the State of Arkansas in the discipline(s) of Lead

Risk Assessor
Certificate Number: 000328

Issue Date: November 16, 2023

Expire Date: November 16, 2024

Lead-Based Paint Program Coordinator

State of Arkansas

Department of Health

Juanita Terry

having satisfied the requirements necessary to meet the provisions of TSCA Title IV and the Arkansas Board of Health's Rules Pertaining to Lead-Based Paint Activities and is hereby certified in the State of Arkansas in the discipline(s) of Lead

Risk Assessor
Certificate Number: 000326

Issue Date: November 16, 2023

Expire Date: November 16, 2024

Lead-Based Paint Program Coordinator

State of Arkansas

Department of Health

Lead Technologies

is a licensed

Lead Abatement Consultant

having qualified as required by law in accordance with the regulations adopted by the Arkansas Board of Health's Rules Pertaining to Lead-Based Paint Activities pursuant to Arkansas Code Annotated §20-27-2401 et seq., relative to abatement of lead-containing material within the state of Arkansas.

License Number: 000606

Issue Date: November 16, 2023

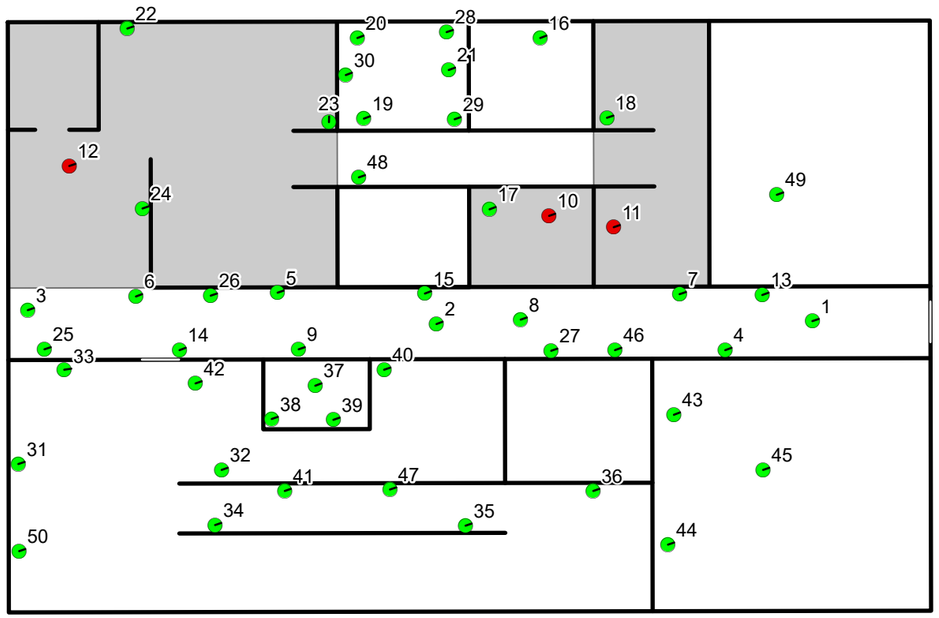
Expire Date: November 16, 2024

Lead-Based Paint Program Coordinator

APPENDIX C: FIGURES

Sample Key Table

Key	Sample No.
Asbestos	
1	MA-CT01-001
2	MA-CT01-002
3	MA-CT01-003
4	MA-VFT01-001
5	MA-VFT01-002
6	MA-VFT01-003
7	MA-VFT02-001
8	MA-VFT02-002
9	MA-VFT02-003
10	MA-SV01-001
11	MA-SV01-002
12	MA-SV01-003
13	MA-CB02-001
14	MA-CB02-002
15	MA-CB02-003
16	MA-SV02-001
17	MA-SV02-002
18	MA-SV02-003
19	MA-SV03-001
20	MA-SV03-002
21	MA-SV03-003
22	MA-CB03-001
23	MA-CB03-002
24	MA-CB03-003
25	MA-CB04-001
26	MA-CB04-002
27	MA-CB04-003
28	MA-CB05-001
29	MA-CB05-002
30	MA-CB05-003
31	MA-CB06-001
32	MA-CB06-002
33	MA-CB06-003
34	MA-CB07-001
35	MA-CB07-002
36	MA-CB07-003
37	MA-SV04-001
38	MA-SV04-002
39	MA-SV04-003
40	MA-VFT03-001
41	MA-VFT03-002
42	MA-VFT03-003
43	MA-CT02-001
44	MA-CT02-002
45	MA-CT02-003
46	MA-DWJC-001
47	MA-DWJC-002
48	MA-DWJC-003
49	MA-DWJC-004
50	MA-DWJC-005



Legend

- Asbestos-Containing Material Sample Location
- Non-Asbestos-Containing Material Sample Location
- Asbestos-Containing Black Mastic

N

Not to scale

De Queen MC Clinics
1314-1316 W Collin Raye Drive
De Queen, Arkansas 71832

Figure 1
Medical Arts Building
Asbestos Location Map

TETRA TECH

Date: 10/3/2024 Drawn By: Susmita Shrestha Project No: 103S9501001.003

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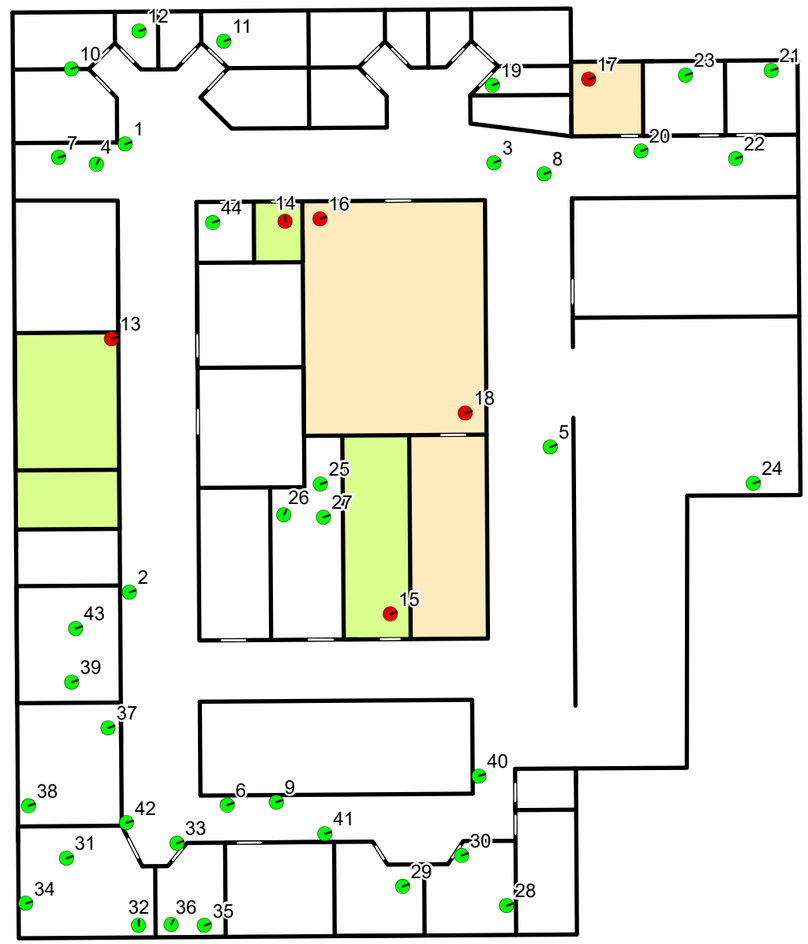
Sample Key Table

Key	Sample No.
Asbestos	
1	MC-CB01-001
2	MC-CB01-002
3	MC-CB01-003
4	MC-CT01-001
5	MC-CT01-002
6	MC-CT01-003
7	MC-VFT01-001
8	MC-VFT01-002
9	MC-VFT01-003
10	MC-VFT02-001
11	MC-VFT02-002
12	MC-VFT02-003
13	MC-SV01-001
14	MC-SV01-002
15	MC-SV01-003
16	MC-SV02-001
17	MC-SV02-002
18	MC-SV02-003
19	MC-CB02-001
20	MC-CB02-002
21	MC-CB02-003
22	MC-CB03-001
23	MC-CB03-002
24	MC-CB03-003
25	MC-CB04-001
26	MC-CB04-002
27	MC-CB04-003
28	MC-CB05-001
29	MC-CB05-002
30	MC-CB05-003
31	MC-CB06-001
32	MC-CB06-002
33	MC-CB06-003
34	MC-CB07-001
35	MC-CB07-002
36	MC-CB07-003
37	MC-CB08-001
38	MC-CB08-002
39	MC-CB08-003
40	MC-DWJC-001
41	MC-DWJC-002
42	MC-DWJC-003
43	MC-DWJC-004
44	MC-DWJC-005



Legend

- Asbestos-Containing Material Sample Location
- Non-Asbestos-Containing Material Sample Location
- Asbestos-Containing Cream Sheet Vinyl
- Asbestos-Containing Green/Yellow Sheet Vinyl

N

Not to scale

De Queen MC Clinics
1314-1316 W Collin Raye Drive
De Queen, Arkansas 71832

Figure 2
Medical Clinics Building
Asbestos Location Map

TETRA TECH

Date: 10/3/2024 Drawn By: Susmita Shrestha Project No: 103S9501001.003

C:\XS\9501\001\Projects\aprx\De_Queen_Clinics.aprx

APPENDIX D: ACM ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY FORMS

eurofins | Built Environment Testing

Report for:

Mr. Jeffrey Mitchell
Tetra Tech-KCMO
415 Oak Street
Kansas City, MO 64106

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 103Z9501001.003; Asbestos Survey
EML ID: 3771456

Approved by:

Approved Signatory
Frank Ehrenfeld

Dates of Analysis:
Asbestos PLM: 09-10-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC
3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-10-2024

ASBESTOS COMBO REPORT

Total Samples Submitted:	50
Total Samples Analyzed:	48
Total Samples with Layer Asbestos Content > 1%:	1

Location: MA-CT01-001, 2x4 white ceiling tiles w. fissures + pin holes Lab ID-Version‡: 18585611-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MA-CT01-002, 2x4 white ceiling tiles w. fissures + pin holes Lab ID-Version‡: 18585612-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MA-CT01-003, 2x4 white ceiling tiles w. fissures + pin holes Lab ID-Version‡: 18585613-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-10-2024

ASBESTOS COMBO REPORT

Location: MA-VFT01-001, cream w. brown streek floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18585614-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-VFT01-002, cream w. brown streek floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18585615-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-VFT01-003, cream w. brown streek floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18585616-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-VFT02-001, 12x12 blue w. white strreeks floor tile w. yellow mastic

Lab ID-Version‡: 18585617-1

Sample Layers	Asbestos Content	Method
Blue Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-VFT02-002, 12x12 blue w. white strreeks floor tile w. yellow mastic

Lab ID-Version‡: 18585618-1

Sample Layers	Asbestos Content	Method
Blue Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-VFT02-003, 12x12 blue w. white strreeks floor tile w. yellow mastic

Lab ID-Version‡: 18585619-1

Sample Layers	Asbestos Content	Method
Blue Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-SV01-001, cream sheet vinyl w. black mastic

Lab ID-Version‡: 18585620-1

Sample Layers	Asbestos Content	Method
Cream Sheet Flooring with Fibrous Backing	15% Chrysotile	Asbestos PLM
Black/Yellow Mastic	3% Chrysotile	Asbestos PLM
Composite Non-Asbestos Content:	5% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Samples MA-SV-002 and 003 were not analyzed due to prior positive series.

Location: MA-CB02-001, 5 in dark blue cove base w. yellow mastic

Lab ID-Version‡: 18585623-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-CB02-002, 5 in dark blue cove base w. yellow mastic Lab ID-Version‡: 18585624-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB02-003, 5 in dark blue cove base w. yellow mastic Lab ID-Version‡: 18585625-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-SV02-001, multicolor sheet vinyl w. black mastic Lab ID-Version‡: 18585626-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-SV02-002, multicolor sheet vinyl w. black mastic Lab ID-Version‡: 18585627-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-SV02-003, multicolor sheet vinyl w. black mastic Lab ID-Version‡: 18585628-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-SV03-001, green w. yellow sheet vinyl w. yellow mastic Lab ID-Version‡: 18585629-1

Sample Layers	Asbestos Content	Method
Green Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-SV03-002, green w. yellow sheet vinyl w. yellow mastic Lab ID-Version‡: 18585630-1

Sample Layers	Asbestos Content	Method
Green Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-SV03-003, green w. yellow sheet vinyl w. yellow mastic Lab ID-Version‡: 18585631-1

Sample Layers	Asbestos Content	Method
Green Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-CB03-001, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18585632-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB03-002, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18585633-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB03-003, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18585634-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB04-001, 3 in teal cove base w. yellow mastic Lab ID-Version‡: 18585635-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-CB04-002, 3 in teal cove base w. yellow mastic Lab ID-Version‡: 18585636-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB04-003, 3 in teal cove base w. yellow mastic Lab ID-Version‡: 18585637-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB05-001, 3 in black cove base w. yellow mastic Lab ID-Version‡: 18585638-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB05-002, 3 in black cove base w. yellow mastic Lab ID-Version‡: 18585639-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-CB05-003, 3 in black cove base w. yellow mastic Lab ID-Version‡: 18585640-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB06-001, 3 in grey cove base w. yellow mastic Lab ID-Version‡: 18585641-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB06-002, 3 in grey cove base w. yellow mastic Lab ID-Version‡: 18585642-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB06-003, 3 in grey cove base w. yellow mastic Lab ID-Version‡: 18585643-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-CB07-001, 4 in grey cove base w. yellow mastic Lab ID-Version‡: 18585644-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB07-002, 4 in grey cove base w. yellow mastic Lab ID-Version‡: 18585645-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CB07-003, 4 in grey cove base w. yellow mastic Lab ID-Version‡: 18585646-1

Sample Layers	Asbestos Content	Method
Gray Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-SV04-001, grey multi-color sheet vinyl w. grey mastic Lab ID-Version‡: 18585647-1

Sample Layers	Asbestos Content	Method
Gray Sheet Flooring with Fibrous Backing	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	5% Glass Fibers	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-SV04-002, grey multi-color sheet vinyl w. grey mastic Lab ID-Version‡: 18585648-1

Sample Layers	Asbestos Content	Method
Gray Sheet Flooring with Fibrous Backing	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	5% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-SV04-003, grey multi-color sheet vinyl w. grey mastic Lab ID-Version‡: 18585649-1

Sample Layers	Asbestos Content	Method
Gray Sheet Flooring with Fibrous Backing	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	5% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: MA-VFT03-001, 12x12 green floor tile w. brown specks w. black mastic Lab ID-Version‡: 18585650-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Black Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-VFT03-002, 12x12 green floor tile w. brown specks w. black mastic Lab ID-Version‡: 18585651-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Black Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-VFT03-003, 12x12 green floor tile w. brown specks w. black mastic

Lab ID-Version‡: 18585652-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Black Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MA-CT02-001, 2x2 white ceiling tile w. fissures +pinholes

Lab ID-Version‡: 18585653-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MA-CT02-002, 2x2 white ceiling tile w. fissures +pinholes

Lab ID-Version‡: 18585654-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MA-CT02-003, 2x2 white ceiling tile w. fissures +pinholes

Lab ID-Version‡: 18585655-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 15% Mineral Wool	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MA-DWJC-001, white drywall joint compound Lab ID-Version‡: 18585656-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper and Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MA-DWJC-002, white drywall joint compound Lab ID-Version‡: 18585657-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper and Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MA-DWJC-003, white drywall joint compound Lab ID-Version‡: 18585658-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper and Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MA-DWJC-004, white drywall joint compound Lab ID-Version‡: 18585659-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper and Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. Where PLM/calibrated visual estimate results have been reported, ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Where point count results have been reported, the analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC
3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-10-2024

ASBESTOS COMBO REPORT

Location: MA-DWJC-005, white drywall joint compound

Lab ID-Version‡: 18585660-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper	ND	Asbestos PLM
Beige Tape	ND	Asbestos PLM
White Joint Compound	ND	Asbestos PLM
Composite Non-Asbestos Content:	15% Cellulose	
Sample Composite Homogeneity:	Good	

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. Where PLM/calibrated visual estimate results have been reported, ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Where point count results have been reported, the analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-10-2024

ASBESTOS COMBO REPORT

Total Samples Submitted:	50
Total Samples Analyzed:	48
Total Samples Not Analyzed:	2

MA-SV01-002, cream sheet vinyl w. black mastic Lab ID-Version‡: 18585621-0

NOT ANALYZED	**POSITIVE STOP**

MA-SV01-003, cream sheet vinyl w. black mastic Lab ID-Version‡: 18585622-0

NOT ANALYZED	**POSITIVE STOP**

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Sample results described as "Positive Stop" were not analyzed because the previous sample layer(s) contained asbestos >1%. Sample results described as "Sample Bag Empty" were not analyzed because while the sample bag was submitted it did not contain a discernible sample. Sample results described as "No Sample Submitted" were not analyzed because the sample bag was not submitted with the project. Sample results described as "Insufficient Sample" were not analyzed because while the sample was submitted for analysis, there was insufficient material present to analyze the sample confidently. Sample results described as "Per Client Request" were submitted to the laboratory but not analyzed because the laboratory was requested to hold the sample.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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ASBE[illegible]ALYSIS

REQUESTE[illegible]

003771456

PCM Air | Bulk | [illegible]er ests

CONTACT INFORMATION

Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive
Phone:	(816) 412-1773	

PROJECT INFORMATION

Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush*
*Please call Client Services for locations with Rush services

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	Fiber Count (NIOSH 7400)	OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample)	CARB 435 Method (Regular Sample)	Lead Analysis		
MA-CT01-001	2x4 white ceiling tiles w fissures +	B	STD	NA	Stop on 1st Positive			X									
MA-CT01-002	pin holes	B	STD	NA	Stop on 1st Positive			X									
MA-CT01-003	↓	B	STD	NA	Stop on 1st Positive			X									
MA-VFT01-001	cream w brown streck floor tile 12x12	B	STD	NA	Stop on 1st Positive			X									
MA-VFT01-002	w yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MA-VFT01-003	↓	B	STD	NA	Stop on 1st Positive			X									
MA-VFT02-001	12x12 blue w white streeks floor tile	B	STD	NA	Stop on 1st Positive			X									
MA-VFT02-002	w. yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MA-VFT02-003	↓	B	STD	NA	Stop on 1st Positive			X									
MA-SV01-001	cream sheet vinyl w. black mastic	B	STD	NA	Stop on 1st Positive			X									
MA-SV01-002	↓	B	STD	NA	Stop on 1st Positive			X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe	[signature]	8/29/24 16:00	JM 9/5/24 fx930	
B – Bulk	T – Tape				
D – Dust	R – Rock				
SO – Soil	O – Other:				

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REQUESTE

003771456

CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush*
*Please call Client Services for locations with Rush services

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	PCM Air: Fiber Count (NIOSH 7400)	PCM Air: OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample)	CARB 435 Method (Regular Sample)	Lead Analysis
MA-SV01-003	cream sheet vinyl w. black mastic	B	STD	NA	Stop on 1st Positive			X							
~~MA-CB01-001~~	~~Sim dark blue~~	B	STD	NA	Stop on 1st Positive			X							
~~MA-CB01-002~~		B	STD	NA	Stop on 1st Positive			X							
~~MA-CB01-003~~		B	STD	NA	Stop on 1st Positive			X							
MA-CB02-001	Sim dark blue cove base w yellow	B	STD	NA	Stop on 1st Positive			X							
MA-CB02-002	mastic	B	STD	NA	Stop on 1st Positive			X							
MA-CB02-003	↓	B	STD	NA	Stop on 1st Positive			X							
MA-SV02-001	multicolor sheet w. yellow black mastic	B	STD	NA	Stop on 1st Positive			X							
MA-SV02-002	↓	B	STD	NA	Stop on 1st Positive			X							
MA-SV02-003	↓	B	STD	NA	Stop on 1st Positive			X							
MA-SV03-001	green w. yellow sheet vinyl w. yellow mastic	B	STD	NA	Stop on 1st Positive			X							

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe				
B – Bulk	T – Tape		8/29/24 10:00	JM 9/5/24	
D – Dust	R – Rock				
SO – Soil	O – Other:				

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CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

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Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes
MA-SV03-002	green w. yellow sheet vinyl w yellow mastic	B	STD	NA	Stop on 1st Positive
MA-SV03-003	↓	B	STD	NA	Stop on 1st Positive
MA-CB03-001	3in brown cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MA-CB03-002	↓	B	STD	NA	Stop on 1st Positive
MA-CB03-003	↓	B	STD	NA	Stop on 1st Positive
MA-CB04-001	3in teal cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MA-CB04-002	↓	B	STD	NA	Stop on 1st Positive
MA-CB04-003	↓	B	STD	NA	Stop on 1st Positive
MA-CB05-001	3in black cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MA-CB05-002	↓	B	STD	NA	Stop on 1st Positive
MA-CB05-003	↓	B	STD	NA	Stop on 1st Positive

	PCM Air		Bulk					Rock & Soil		Requests		
	Fiber Count (NIOSH 7400)	OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample)	CARB 435 Method (Regular Sample)	Lead Analysis		
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe				
B – Bulk	T – Tape		8/29/24 16:00	JM 9/5/24	
D – Dust	R – Rock				
SO – Soil	O – Other:				

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CONTACT INFORMATION

Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION

Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

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ND – Next Business Day
SD – Same Business Day Rush*
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Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes
MA-CB06-001	3in grey cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MA-CB06-002	↓	B	STD	NA	Stop on 1st Positive
MA-CB06-003	↓	B	STD	NA	Stop on 1st Positive
MA-CB07-001	4in grey cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MA-CB07-002	↓	B	STD	NA	Stop on 1st Positive
MA-CB07-003	↓	B	STD	NA	Stop on 1st Positive
MA-SV04-001	grey multi-color sheet vinyl w.	B	STD	NA	Stop on 1st Positive
MA-SV04-002	grey mastic ↓	B	STD	NA	Stop on 1st Positive
MA-SV04-003	↓	B	STD	NA	Stop on 1st Positive
MA-VFT03-001	12X12 green floor tile w brown speckles	B	STD	NA	Stop on 1st Positive
MA-VFT03-002	w black mastic ↓	B	STD	NA	Stop on 1st Positive

ASBESTOS ANALYSIS

REQUEST...

003771456

PCM Air	Fiber Count (NIOSH 7400)	OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample	CARB 435 Method (Regular Sample)	Lead Analysis	...er ...ests
			X								
			X								
			X								
			X								
			X								
			X								
			X								
			X								
			X								
			X								
			X								

SAMPLE TYPE CODES

A – Air	W – Wipe
B – Bulk	T – Tape
D – Dust	R – Rock
SO – Soil	O – Other:

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[signature]	8/29/24 16:00	[signature] 9/5/24	

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CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

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Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	PCM Air: Fiber Count (NIOSH 7400)	PCM Air: OSHA with TWA	Bulk: EPA Method 600/R-93/116	Bulk: EPA Point Count (200 Point Count)	Bulk: EPA Point Count (400 Point Count)	Bulk: EPA Point Count (1000 Point Count)	Bulk: Gravimetric Point Count	Soil: CARB 435 Method (Pre-crushed Sample)	Soil: CARB 435 Method (Regular Sample)	Requests: Lead Analysis	Requests	Requests
MA-VFT03-003	12x12 green floor tile w brown streaks & black mastic	B	STD	NA	Stop on 1st Positive			X									
MA-CT02-001	2x2 white ceiling tile w fissures &	B	STD	NA	Stop on 1st Positive			X									
MA-CT02-002	pin holes	B	STD	NA	Stop on 1st Positive			X									
MA-CT02-003	↓	B	STD	NA	Stop on 1st Positive			X									
MA-DWJC-001	white drywall joint compound	B	STD	NA	Stop on 1st Positive			X									
MA-DWJC-002		B	STD	NA	Stop on 1st Positive			X									
MA-DWJC-003		B	STD	NA	Stop on 1st Positive			X									
MA-DWJC-004		B	STD	NA	Stop on 1st Positive			X									
MA-DWJC-005	↓	B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe				
B – Bulk	T – Tape	8/29/24 14:00		9/5/24	
D – Dust	R – Rock				
SO – Soil	O – Other:				

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eurofins | Built Environment Testing

Report for:

Mr. Jeffrey Mitchell
Tetra Tech-KCMO
415 Oak Street
Kansas City, MO 64106

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 103Z9501001.003 CClinic; Asbestos Survey
EML ID: 3764790

Approved by:

Approved Signatory
Frank Ehrenfeld

Dates of Analysis:
Asbestos PLM: 09-03-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200844-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC
3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
Date of Receipt: 08-29-2024
Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Total Samples Submitted:	44
Total Samples Analyzed:	40
Total Samples with Layer Asbestos Content > 1%:	2

Location: MC-CB01-001, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18552601-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB01-002, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18552602-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB01-003, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18552603-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CT01-001, 2x4 pinholes w. cravas white ceiling tile Lab ID-Version‡: 18552604-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 10% Mineral Wool	
Sample Composite Homogeneity:	Good	

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Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC
3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
Date of Receipt: 08-29-2024
Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Location: MC-CT01-002, 2x4 pinholes w. cravas white ceiling tile Lab ID-Version‡: 18552605-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 10% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MC-CT01-003, 2x4 pinholes w. cravas white ceiling tile Lab ID-Version‡: 18552606-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 10% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: MC-VFT01-001, 12x12 cream w. grey streaks floor tile w. yellow mastic Lab ID-Version‡: 18552607-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-VFT01-002, 12x12 cream w. grey streaks floor tile w. yellow mastic Lab ID-Version‡: 18552608-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Eurofins EPK Built Environment Testing, LLC
3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
Date of Receipt: 08-29-2024
Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Location: MC-VFT01-003, 12x12 cream w. grey streaks floor tile w. yellow mastic

Lab ID-Version‡: 18552609-1

Sample Layers	Asbestos Content	Method
Cream Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-VFT02-001, 12x12 white w. grey/green streeks w. yellow mastic

Lab ID-Version‡: 18552610-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-VFT02-002, 12x12 white w. grey/green streeks w. yellow mastic

Lab ID-Version‡: 18552611-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-VFT02-003, 12x12 white w. grey/green streeks w. yellow mastic

Lab ID-Version‡: 18552612-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
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Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Location: MC-SV01-001, green/yellow sheet vinyl w. white mastic Lab ID-Version‡: 18552613-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring with Fibrous Backing	15% Chrysotile	Asbestos PLM
White Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Samples MC-SV01-002 and 003 were not analyzed due to prior positive series.

Location: MC-SV02-001, cream sheet vinyl w. white mastic Lab ID-Version‡: 18552616-1

Sample Layers	Asbestos Content	Method
Cream Sheet Flooring with Fibrous Backing	15% Chrysotile	Asbestos PLM
White Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Samples MC-SV02-002 and 003 were not analyzed due to prior positive series.

Location: MC-CB02-001, 3 in maroon cove base w. yellow mastic Lab ID-Version‡: 18552619-1

Sample Layers	Asbestos Content	Method
Red Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB02-002, 3 in maroon cove base w. yellow mastic Lab ID-Version‡: 18552620-1

Sample Layers	Asbestos Content	Method
Red Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
Date of Receipt: 08-29-2024
Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Location: MC-CB02-003, 3 in maroon cove base w. yellow mastic Lab ID-Version‡: 18552621-1

Sample Layers	Asbestos Content	Method
Red Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB03-001, 5 in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552622-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB03-002, 5 in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552623-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB03-003, 5 in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552624-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
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ASBESTOS COMBO REPORT

Location: MC-CB04-001, 5 in black cove base w. yellow mastic Lab ID-Version‡: 18552625-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB04-002, 5 in black cove base w. yellow mastic Lab ID-Version‡: 18552626-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB04-003, 5 in black cove base w. yellow mastic Lab ID-Version‡: 18552627-1

Sample Layers	Asbestos Content	Method
Black Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB05-001, 5 in pink cove base w. yellow mastic Lab ID-Version‡: 18552628-1

Sample Layers	Asbestos Content	Method
Pink Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: MC-CB05-002, 5 in pink cove base w. yellow mastic Lab ID-Version‡: 18552629-1

Sample Layers	Asbestos Content	Method
Pink Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB05-003, 5 in pink cove base w. yellow mastic Lab ID-Version‡: 18552630-1

Sample Layers	Asbestos Content	Method
Pink Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB06-001, 4 in brown cove base w. yellow mastic Lab ID-Version‡: 18552631-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB06-002, 4 in brown cove base w. yellow mastic Lab ID-Version‡: 18552632-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Re: 103Z9501001.003 CClinic; Asbestos Survey

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ASBESTOS COMBO REPORT

Location: MC-CB06-003, 4 in brown cove base w. yellow mastic Lab ID-Version‡: 18552633-1

Sample Layers	Asbestos Content	Method
Brown Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB07-001, 3 in green cove base w. yellow mastic Lab ID-Version‡: 18552634-1

Sample Layers	Asbestos Content	Method
Green Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB07-002, 3 in green cove base w. yellow mastic Lab ID-Version‡: 18552635-1

Sample Layers	Asbestos Content	Method
Green Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB07-003, 3 in green cove base w. yellow mastic Lab ID-Version‡: 18552636-1

Sample Layers	Asbestos Content	Method
Green Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Location: MC-CB08-001, 3 in light blue cove base w. yellow mastic Lab ID-Version‡: 18552637-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB08-002, 3 in light blue cove base w. yellow mastic Lab ID-Version‡: 18552638-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-CB08-003, 3 in light blue cove base w. yellow mastic Lab ID-Version‡: 18552639-1

Sample Layers	Asbestos Content	Method
Blue Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MC-DWJC-001, white drywall joint compound Lab ID-Version‡: 18552640-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound with Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

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Date of Sampling: 08-28-2024
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ASBESTOS COMBO REPORT

Location: MC-DWJC-002, white drywall joint compound Lab ID-Version‡: 18552641-1

Sample Layers	Asbestos Content	Method
Pink Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound with Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MC-DWJC-003, white drywall joint compound Lab ID-Version‡: 18552642-1

Sample Layers	Asbestos Content	Method
Pink Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound with Paint	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MC-DWJC-004, white drywall joint compound Lab ID-Version‡: 18552643-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: MC-DWJC-005, white drywall joint compound Lab ID-Version‡: 18552644-1

Sample Layers	Asbestos Content	Method
Pink Drywall with Brown Paper	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501001.003 CClinic; Asbestos Survey

Date of Sampling: 08-28-2024
Date of Receipt: 08-29-2024
Date of Report: 09-03-2024

ASBESTOS COMBO REPORT

Total Samples Submitted:	44
Total Samples Analyzed:	40
Total Samples Not Analyzed:	4

MC-SV01-002, green/yellow sheet vinyl w. white mastic Lab ID-Version‡: 18552614-0

NOT ANALYZED	**POSITIVE STOP**

MC-SV01-003, green/yellow sheet vinyl w. white mastic Lab ID-Version‡: 18552615-0

NOT ANALYZED	**POSITIVE STOP**

MC-SV02-002, cream sheet vinyl w. white mastic Lab ID-Version‡: 18552617-0

NOT ANALYZED	**POSITIVE STOP**

MC-SV02-003, cream sheet vinyl w. white mastic Lab ID-Version‡: 18552618-0

NOT ANALYZED	**POSITIVE STOP**

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Sample results described as "Positive Stop" were not analyzed because the previous sample layer(s) contained asbestos >1%. Sample results described as "Sample Bag Empty" were not analyzed because while the sample bag was submitted it did not contain a discernible sample. Sample results described as "No Sample Submitted" were not analyzed because the sample bag was not submitted with the project. Sample results described as "Insufficient Sample" were not analyzed because while the sample was submitted for analysis, there was insufficient material present to analyze the sample confidently. Sample results described as "Per Client Request" were submitted to the laboratory but not analyzed because the laboratory was requested to hold the sample.

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EMLab P&K
A TestAmerica Company

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Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * **(800) 651-4802**
SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * **(866) 888-6653**

CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003 Collin. C		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8-28-24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush*
*Please call Client Services for locations with Rush services

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes
MC-CB01-001	Sir brown cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MC-CB01-002	↓	B	STD	NA	Stop on 1st Positive
MC-CB01-003	↓	B	STD	NA	Stop on 1st Positive
MC-CT01-001	2x4 pinhows w cravat white ceiling tile	B	STD	NA	Stop on 1st Positive
MC-CT01-002	↓	B	STD	NA	Stop on 1st Positive
MC-CT01-003	↓	B	STD	NA	Stop on 1st Positive
MC-VFT01-001	12x12 cream w. grey streaks floor tile	B	STD	NA	Stop on 1st Positive
MC-VFT01-002	w. yellow mastic ↓	B	STD	NA	Stop on 1st Positive
MC-VFT01-003	↓	B	STD	NA	Stop on 1st Positive
MC-VFT02-001	12x12 white w. grey ~~green~~ streaks	B	STD	NA	Stop on 1st Positive
MC-VFT02-002	w yellow mastic ↓	B	STD	NA	Stop on 1st Positive

ASBESTOS ANA

REQUE

003764790

PCM Air	Fiber Count (NIOSH 7400)	OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample)	CARB 435 Method (Regular Sample)	Lead Analysis	Soil	Other Requests
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									
			X									

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe					
B – Bulk	T – Tape			8-28-24 1600	HN 8/29/24 PA	9:10
D – Dust	R – Rock					
SO – Soil	O – Other:					

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at http://www.emlab.com/s/main/serviceterms.html
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CHAIN OF CUSTODY

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SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * **(866) 888-6653**

ASBE

REQUESTED

003764790

CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)	
Project ID:	103Z9501001 .003 Clinic			**STD** – Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
Project Description:	Asbestos Survey			**ND** – Next Business Day	
Project Zip Code:	71832	Sampling Date & Time:	8-08-14	**SD** – Same Business Day Rush*	
PO Number:		Sampled By: Allie Cook		*Please call Client Services for locations with Rush services	

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	PCM Air: Fiber Count (NIOSH 7400)	PCM Air: OSHA with TWA	Bulk: EPA Method 600/R-93/116	Bulk: EPA Point Count (200 Point Count)	Bulk: EPA Point Count (400 Point Count)	Bulk: EPA Point Count (1000 Point Count)	Bulk: Gravimetric Point Count	Rock & Soil: CARB 435 Method (Pre-crushed Sample)	Rock & Soil: CARB 435 Method (Regular Sample)	Requests: Lead Analysis	Requests	Requests
MC-VFT02-003	12x12 white w. gray green flow tile w yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-SV01-001	green/yellow sheet vinyl w white	B	STD	NA	Stop on 1st Positive			X									
MC-SV01-002	mastic ↓	B	STD	NA	Stop on 1st Positive			X									
MC-SV01-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-SV02-001	cream sheet vinyl w white mastic	B	STD	NA	Stop on 1st Positive			X									
MC-SV02-002	↓	B	STD	NA	Stop on 1st Positive			X									
MC-SV02-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB02-001	3in maroon cove base w yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-CB02-002	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB02-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB03-001	5in dark blue cove base w yellow mastic	B	STD	NA	Stop on 1st Positive			X									

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe					
B – Bulk	T – Tape			8-25-14 1600		
D – Dust	R – Rock					
SO – Soil	O – Other:					

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SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * **(866) 888-6653**

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CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003 Clinic		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8-28-24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)

ND – Next Business Day

SD – Same Business Day Rush*

*Please call Client Services for locations with Rush services

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	PCM Air: Fiber Count (NIOSH 7400)	PCM Air: OSHA with TWA	Bulk: EPA Method 600/R-93/116	Bulk: EPA Point Count (200 Point Count)	Bulk: EPA Point Count (400 Point Count)	Bulk: EPA Point Count (1000 Point Count)	Bulk: Gravimetric Point Count	Rock & Soil: CARB 435 Method (Pre-crushed Sample)	Rock & Soil: CARB 435 Method (Regular Sample)	Other Requests: Lead Analysis		
MC-CB03-002	Sin dark blue cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-CB03-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB04-001	Sin black cove base w yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-CB04-002	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB04-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB05-001	Sin pink cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-CB05-002	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB05-003	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB06-001	4in brown cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X									
MC-CB06-002	↓	B	STD	NA	Stop on 1st Positive			X									
MC-CB06-003	↓	B	STD	NA	Stop on 1st Positive			X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe				
B – Bulk	T – Tape		8-28-24		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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CONTACT INFORMATION			
Company:	Tetra Tech, Inc.	Address: 415 Oak Street, Kansas City, MO 64106	
Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION			
Project ID:	103Z9501001 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8-28-24
PO Number:		Sampled By: Allie Cook	

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush*
*Please call Client Services for locations with Rush services

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes
MC-CB07-001	3in green cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MC-CB07-002	↓	B	STD	NA	Stop on 1st Positive
MC-CB07-003	↓	B	STD	NA	Stop on 1st Positive
MC-CB08-001	3in light blue cove base w yellow mastic	B	STD	NA	Stop on 1st Positive
MC-CB08-002	↓	B	STD	NA	Stop on 1st Positive
MC-CB08-003	↓	B	STD	NA	Stop on 1st Positive
MC-DWJC-001	white drywall joint compound	B	STD	NA	Stop on 1st Positive
MC-DWJC-002	↓	B	STD	NA	Stop on 1st Positive
MC-DWJC-003	↓	B	STD	NA	Stop on 1st Positive
MC-DWJC-004	↓	B	STD	NA	Stop on 1st Positive
MC-DWJC-005	↓	B	STD	NA	Stop on 1st Positive

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PCM Air		Bulk					Soil		Other Requests		
Fiber Count (NIOSH 7400)	OSHA with TWA	EPA Method 600/R-93/116	EPA Point Count (200 Point Count)	EPA Point Count (400 Point Count)	EPA Point Count (1000 Point Count)	Gravimetric Point Count	CARB 435 Method (Pre-crushed Sample)	CARB 435 Method (Regular Sample)	Lead Analysis		
		X									
		X									
		X									
		X									
		X									
		X									
		X									
		X									
		X									
		X									
		X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe				
B – Bulk	T – Tape		8-28-24 1600		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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