Hazardous Materials Survey

De Queen MC Hospital
1306 West Collin Raye Drive
De Queen, Arkansas 71832

October 8, 2024

PRESENTED TO

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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) Hospital at 1306 West Collin Raye Drive in De Queen, Arkansas (the subject property). The subject property buildings—a former hospital, physical therapy center, and Purchasing Department building—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 buildings 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 building:

- ACM was identified within the subject property Hospital building in black mastic associated with white with green and gray streaks vinyl floor tile, gray vinyl floor tile, and tan with brown streaks vinyl floor tile (approximately 3,750 square feet [SF]) in the front entryway, main offices, and hallways off the front entryway and offices. The mastic was represented by samples HS-VFT03-001, -002, and -003; HS-VFT04-001, -002, and -003; and HS-VFT05-001, -002, and -003. Laboratory results indicated that the mastic contained 4 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in tan with brown streaks vinyl floor tile (approximately 1,500 SF) in the main offices and hallways off the offices near the front entryway. The floor tile was represented by samples HS-VFT05-001, -002, and -003. Laboratory results indicated that the floor tile contained 5 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with gray with white and black streaks vinyl floor tile (approximately 300 SF) in the operating room doctor's lounge. The floor tile was represented by samples HS-VFT07-001, -002, and -003. Laboratory results indicated that the mastic contained 3 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in orange with brown specks vinyl floor time and black mastic (approximately 100 SF of tile and 250 SF of mastic) in the pharmacy room. The vinyl floor tile covers approximately 100 SF of the pharmacy room, while the black mastic is present in the entire room under different vinyl floor tile. The floor tile and mastic were represented by samples HS-VFT08-001, -002, and -003. Laboratory results indicated that the floor tile contained 2 percent chrysotile asbestos, and the mastic contained 4 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with blue with dark blue specks vinyl sheet flooring (approximately 150 SF) in the back east jut-out hallway. The sheet flooring was represented by samples HS-SV03-001, -002, and -003. Laboratory results indicated that the black mastic contained 3 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with pink with white streaks vinyl floor tile (approximately 800 SF) in the maternity hallway. The floor tile was represented by samples HS-VFT09-001, -002, and -003. Laboratory results indicated that the mastic contained 3 percent chrysotile asbestos.

- Assumed ACM was identified at the subject property Hospital building in roofing material (approximately 67,000 SF) on the roof.
- Assumed ACM was identified at the subject property Medical Plaza building in roofing material (approximately 10,500 SF) on the roof.
- Assumed ACM was identified at the subject property Purchasing Department building in roofing material (approximately 3,500 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.

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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) Hospital at 1306 West Collin Raye Drive in De Queen, Arkansas (the subject property). The subject property buildings—a former hospital, physical therapy center, and Purchasing Department building—are currently vacant and out of use. The primary purpose of the survey was to assess effects of possibly present 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 buildings for presence of asbestos-containing materials (ACM) and LCP as part of the Arkansas Brownfields Program Application Form. 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 an Arkansas lead licensed consultant, and Mr. Frank Terry and Ms. Juanita Terry, certified Arkansas Lead Risk Assessor/Inspectors, 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 buildings, 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 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. One subject property building was constructed before 1978, and another may have been built before 1978. LCP likely was used in build-outs of structures before 1978. 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 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 three structures that are one-story commercial use buildings at 1306 West Collin Raye Drive in De Queen, Arkansas. The northern Hospital and Purchasing Department buildings encompass approximately 71,000 square feet, and the southern Medical Plaza building encompasses approximately 10,000 square feet. The Hospital building was first constructed in 1968, the Purchasing Department building sometime between 1975 and 1981, and the Medical Plaza building in 2001. 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 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 building, 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 identified 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, 2, and 3 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 an 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. The calibration readings taken were within the acceptable deviation range for each standard. Section 6.0 summarizes results from the XRF screening of painted surfaces at the subject property.

5.0 ASBESTOS-CONTAINING MATERIAL FINDINGS

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

TABLE 1

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
Hospital Building – Figure 1						
1	HS-VFT01-001	12” X 12” Cream with Brown Streaks Vinyl Floor Tile and Yellow Mastic	Main Hallways	ND	NA	NA
2	HS-VFT01-002					
3	HS-VFT01-003					
4	HS-VFT02-001	12” x 12” Blue with White Streaks Vinyl Floor Tiel and Yellow Mastic	Main Hallways	ND	NA	NA
5	HS-VFT02-002					
6	HS-VFT02-003					
7	HS-CB01-001	3” Blue Cove Base and Yellow Mastic	Emergency Room Hallway	ND	NA	NA
8	HS-CB01-002					
9	HS-CB01-003					
10	HS-DWJC-001	White Drywall Joint Compound	Throughout	Drywall – ND Joint Compound 0.5%-0.75% Chrysotile[4]	NA	NA
11	HS-DWJC-002					
12	HS-DWJC-003					
13	HS-DWJC-004					
14	HS-DWJC-005					
15	HS-DWJC-006					
16	HS-DWJC-007					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
17	HS-CT02-001	2’ x 4’ White Smooth Drywall Ceiling Tile	Office Off of the Emergency Room Hallway	ND	NA	NA
18	HS-CT02-002					
19	HS-CT02-003					
20	HS-CT01-001	2’ x 4’ White Ceiling Tiles with Pin Holes and Crevasses	Emergency Room Hallway	ND	NA	NA
21	HS-CT01-002					
22	HS-CT01-003					
23	HS-CT03-001	2’ x 4’ White Ceiling Tile with Fissures	Emergency Room Hallway	ND	NA	NA
24	HS-CT03-002					
25	HS-CT03-003					
26	HS-CB02-001	5” Brown Cove Base and Yellow Mastic	Bathroom in the Emergency Room	ND	NA	NA
27	HS-CB02-002					
28	HS-CB02-003					
29	HS-CB03-001	3” Brown Cove Base and Yellow and Brown Mastic	Offices Off of the Emergency Room Hallway	ND	NA	NA
30	HS-CB03-002					
31	HS-CB03-003					
32	HS-CB04-001	5” Blue Cove Base and Yellow Mastic	Throughout Hospital Hallway	ND	NA	NA

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
33	HS-CB04-002	5” Blue Cove Base and Yellow Mastic	Throughout Hospital Hallway	ND	NA	NA
34	HS-CB04-003					
35	HS-FC01-001	Red Fire Caulk	Wrapped Around Pipes Above Ceiling and Joints of Duct Work	ND	NA	NA
36	HS-FC01-002					
37	HS-FC01-003					
38	**HS-VFT03-001**	**12” x 12” White with Green and Gray Streaks Vinyl Floor Tile and Black Mastic**	**Front Entryway**	**Floor Tile – ND Mastic – 4% Chrysotile**	**3,750 SF**	**Category II – Non-Friable**
39	**HS-VFT03-002**					
40	**HS-VFT03-003**					
41	HS-SV02-001	Tan with Brown Specks Vinyl Sheet Flooring and Yellow Mastic	X-Ray Room	ND	NA	NA
42	HS-SV02-002					
43	HS-SV02-003					
44	**HS-VFT04-001**	**12” x 12” Gray Vinyl Floor Tile and Black Mastic**	**Front Entryway**	**Floor Tile – ND Mastic – 4% Chrysotile**	**See HS-VFT03-001, 002, 003 Quantity**	**Category II – Non-Friable**
45	**HS-VFT04-002**					
46	**HS-VFT04-003**					
47	HS-CT04-001	2’ x 2’ White Ceiling Tile with Pin and Pencil Holes	Front Entryway	ND	NA	NA
48	HS-CT04-002					
49	HS-CT04-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
50	**HS-VFT05-001**	**12" x 12" Tan with Brown Streaks and Black Mastic**	**Main Offices and Hallways Off the Offices in the Front Entryway**	**Floor Tile – 5% Chrysotile Mastic – 4% Chrysotile**	**Tile – 1,500 SF Mastic - See HS-VFT03-001, -002, 003 Quantity**	**Category I and II – Non-Friable**
51	**HS-VFT05-002**					
52	**HS-VFT05-003**					
53	HS-CB05-001	5" Tan Cove Base and Yellow Mastic	Off the Front Entryway	ND	NA	NA
54	HS-CB05-002					
55	HS-CB05-003					
56	HS-CB06-001	3" Gray Cove Base and Yellow Mastic	Gift Shop	ND	NA	NA
57	HS-CB06-002					
58	HS-CB06-003					
59	HS-CT05-001	2' x 2' White Ceiling Tile with Pin Holes	Administrative Offices	ND	NA	NA
60	HS-CT05-002					
61	HS-CT05-003					
62	HS-CT06-001	2' x 2' White Drywall Ceiling Tile	Cafeteria	ND	NA	NA
63	HS-CT06-002					
64	HS-CT06-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
65	HS-CB07-001	5” Dark Green Cove Base and Yellow Mastic	Hallway Off of Cafeteria	ND	NA	NA
66	HS-CB07-002	5” Dark Green Cove Base and Yellow Mastic	Hallway Off of Cafeteria	ND	NA	NA
67	HS-CB07-003					
68	HS-VFT06-001	12” x 12” Light Brown with White Specks Vinyl Floor Tile and Yellow Mastic	Northwest Corner Near the Loading Dock	ND	NA	NA
69	HS-VFT06-002					
70	HS-VFT06-003					
71	**HS-VFT07-001**	**12” x 12” Gray with White and Black Streaks and Black Mastic**	**Operating Room Doctor’s Lounge**	**Floor Tile – ND Mastic – 3% Chrysotile**	**300 SF**	**Category II – Non-Friable**
72	**HS-VFT07-002**					
73	**HS-VFT07-003**					
74	HS-TSI-001	Thermal system insulation	Around Pipes in Operating Room Area and Maintenance Room	ND	NA	NA
75	HS-TSI-002					
76	HS-TSI-003					
77	HS-CB08-001	5” Cream Cove Base and Yellow Mastic	Pharmacy Room	ND	NA	NA
78	HS-CB08-002					
79	HS-CB08-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]
80	**HS-VFT08-001**	**12" x 12" Orange with Brown Specks Vinyl Floor Tile and Black Mastic**	**Pharmacy Room**	**Floor Tile – 2% Chrysotile Mastic – 4% Chrysotile**	**Tile – 100 SF Mastic – 250SF**	**Category I and II – Non-Friable**
81	**HS-VFT08-002**					
82	**HS-VFT08-003**					
83	HS-CB10-001	5" Light Gray Cove Base and Yellow Mastic	CICU Mechanical Room	ND	NA	NA
84	HS-CB10-002					
85	HS-CB10-003					
86	**HS-SV03-001**	**Blue w. Dark Blue Specks Vinyl Sheet Flooring and Yellow and Black Mastic and Leveling Compound**	**Back Storage Room in East Hospital Jut-Out**	**Sheet Flooring – ND Yellow Mastic – ND Leveling Compound – ND Black Mastic – 3% Chrysotile**	**150 SF**	**Category II – Non-Friable**
87	**HS-SV03-002**					
88	**HS-SV03-003**					
89	HS-CT07-001	2' x 2' White Rough Ceiling Tile with Pin Holes	Maternity Area	ND	NA	NA
90	HS-CT07-002					
91	HS-CT07-003					
92	HS-SV04-001	Tan with Blue Specks Vinyl Sheet Flooring and Yellow Mastic	Maternity Area	ND	NA	NA
93	HS-SV04-002					
94	HS-SV04-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
95	**HS-VFT09-001**	**12" x 12" Pink with White Streaks Vinyl Floor Tile and Yellow Mastic**	**Maternity Area Hallway**	**Floor Tile – ND Mastic – 3% Chrysotile**	**800 SF**	**Category II – Non-Friable**
96	**HS-VFT09-002**					
97	**HS-VFT09-003**					
98	HS-SO-001	Gray Sray On Fireproofing	Boiler Room	ND	NA	NA
99	HS-SO-002					
100	HS-SO-003					
101	HS-SV05-001	Cream with Pebbles Vinyl Sheet Flooring and Yellow Mastic	Throughout Emergency Entryway Bathrooms	ND	NA	NA
102	HS-SV05-002					
103	HS-SV05-003					
NA	**Assumed ACM**	**Roofing Material**	**Roof of Building**	**NA**	**67,000 SF**	**Category I – Non-Friable**
Medical Plaza Building – Figure 2						
1	MP-CB01-001	3" Dark Blue Cove Base and Yellow Mastic	Office Rooms	ND	NA	NA
2	MP-CB01-002					
3	MP-CB01-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]
4	MP-CT01-001	2' x 4' White Ceiling Tile with Fissures and Pin Holes	Throughout West Side Offices	ND	NA	NA
5	MP-CT01-002					
6	MP-CT01-003					
7	MP-CB02-001	3" Brown Cove Base and White Mastic	Office Rooms on South Side of the Building	ND	NA	NA
8	MP-CB02-002					
9	MP-CB02-003	3" Brown Cove Base and White Mastic	Office Rooms on South Side of the Building	ND	NA	NA
10	MP-CB03-001	3" Teal/Green Cove Base and Yellow Mastic	Hallway Off the North Side of the Building	ND	NA	NA
11	MP-CB03-002					
12	MP-CB03-003					
13	MP-VFT01-001	12" x 12" Green with White Splotches Vinyl Floor Tile and Yellow Mastic	Offices and Exam Rooms	ND	NA	NA
14	MP-VFT01-002					
15	MP-VFT01-003					
16	MP-VFT02-001	12" x 12" Pink with Brown Specks Vinyl Floor Tile and Yellow Mastic	Offices Off the South Side of the Building	ND	NA	NA
17	MP-VFT02-002					
18	MP-VFT02-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
19	MP-CB04-001	3” Tan Cove Base and Yellow Mastic	Hallway, Reception Area, and Reception Offices	ND	NA	NA
20	MP-CB04-002					
21	MP-CB04-003					
22	MP-CT02-001	2’ x 2’ White Ceiling Tile with Fissures and Pin Holes	Reception Area and Physical Therapy Area	ND	NA	NA
23	MP-CT02-002					
24	MP-CT02-003					
25	MP-VFT03-001	12” x 12” Cream with Gray Splotches Vinyl Floor Tile and Yellow Mastic	Bathroom	ND	NA	NA
26	MP-VFT03-002					
27	MP-VFT03-003					
28	MP-DWJC-001	White Drywall Joint Compound	Throughout	ND	NA	NA
29	MP- DWJC -002					
30	MP- DWJC -003					
31	MP- DWJC -004					
32	MP- DWJC -005					
33	MP-CM-001	Yellow Carpet Mastic and White Leveling Compound	Throughout Physical Therapy Area	ND	NA	NA
34	MP-CM-002					
35	MP-CM-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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]*
NA	**Assumed ACM**	**Roofing Material**	**Roof of Building**	**NA**	**10,500 SF**	**Category I – Non-Friable**
Purchasing Department Building – Figure 3						
1	PD-CB01-001	5” Brown Cove Base and Yellow Mastic	Front Office	ND	NA	NA
2	PD-CB01-002					
3	PD-CB01-003					
4	PD-DWJC-001	White Drywall Joint Compound	Throughout	ND	NA	NA
5	PD-DWJC-002					
6	PD-DWJC-003					
7	PD-CT01-001	2’ x 4’ White Ceiling Tile with Fissures and Pin Holes	Throughout	ND	NA	NA
8	PD-CT01-002					
9	PD-CT01-003					
10	PD-CB02-001	5” Olive Green Cove Base and Brown Mastic	Side Office/Storage Area	ND	NA	NA
11	PD-CB02-002					
12	PD-CB02-003					

TABLE 1 (Continued)

SUMMARY OF SUSPECT ACM LABORATORY ANALYSIS
1306 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	PD-CB03-001	3" Tan Cove Base and Tan Mastic	Garage	ND	NA	NA
14	PD-CB03-002					
15	PD-CB03-003					
NA	**Assumed ACM**	**Roofing Material**	**Roof of Building**	**NA**	**3,500 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.

4 EPA defines ACM as greater than 1 percent asbestos. These materials contain <1 percent asbestos; therefore, the materials are not regulated for disposal purposes. However, the materials do contain asbestos, so if the materials are disturbed, OSHA regulations must be followed and personal protective equipment must be used.

' 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
PLM Polarized light microscopy
OSHA Occupational Safety and Health Administration
SF Square foot
TSI Thermal system insulation

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 (less than 1.0 mg/cm^2).

TABLE 2

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Hospital and Purchasing Department Buildings					
	Calibration (Pre Cal)	Start of Building Survey	8/27/2024	1.02	
	Calibration (Pre Cal)	Start of Building Survey	8/27/2024	1.03	
	Calibration (Pre Cal)	Start of Building Survey	8/27/2024	1.04	
	Calibration (Pre Cal)	Start of Building Survey	8/27/2024	1.03	
Brown	Exterior	Downspout	Metal	0	Intact
Tan	Exterior	Wall	Plaster	0	Intact
Tan	Exterior	Awning Support	Plaster	0	Intact
Brown	Exterior	Awning Support	Metal	0	Intact
Brown	*Exterior*	*Upper Column*	*Metal*	*0.06*	*Poor*
Brown	Exterior	Railing – Hand Railing	Metal	0	Poor
Red	Exterior	Sidewalk	Concrete	0	Poor
Brown	Exterior	Fascia	Metal	0	Intact
Brown	Exterior	Door Casing	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Brown	*Exterior*	*Lintel*	*Metal*	*0.01*	*Intact*
Brown	Exterior	Window Sash	Metal	0	Intact
Tan	Exterior	Lower Column	Plaster	0	Intact
Tan	*Exterior*	*Vent Cover*	*Metal*	*0.13*	*Intact*
Gray	*Exterior*	*Railing – Hand Railing*	*Metal*	*0.07*	*Poor*
Gray	*Exterior*	*Door Lintel*	*Metal*	*0.03*	*Intact*
Gray	*Exterior*	*Door Jamb*	*Metal*	*0.01*	*Intact*
Gray	Exterior	Door	Metal	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Gray	Exterior	Door Screen	Metal	0	Intact
Beige	*Exterior*	*Rollup Door*	*Metal*	*0.03*	*Poor*
Gray	*Exterior*	*Window Lintel*	*Metal*	*0.09*	*Intact*
Tan	Exterior	Wall	Plaster	0	Intact
Yellow	**Exterior**	**Railing**	**Metal**	**4.26**	**Poor**
Yellow	**Exterior**	**Bollard**	**Metal**	**3.37**	**Poor**
Brown	*Exterior*	*Railing – Hand Railing*	*Metal*	*0.01*	*Poor*
Brown	*Exterior*	*Lower Column*	*Metal*	*0.05*	*Intact*
Brown	*Exterior*	*Door Header*	*Metal*	*0.45*	*Intact*
Brown	Exterior	Door	Metal	0	Intact
Brown	*Exterior*	*Door Lintel*	*Metal*	*0.3*	*Intact*
Brown	*Exterior*	*Security Door*	*Metal*	*0.02*	*Intact*
White	Exterior	Awning Support	Metal	0	Intact
Yellow	Exterior	Floor	Concrete	0	Intact
Brown	Exterior	Door Casing	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Brown	*Exterior*	*Awning*	*Metal*	*0.28*	*Intact*
Brown	*Exterior*	*Awning Support*	*Metal*	*0.31*	*Intact*
Brown	*Exterior*	*Upper Column*	*Metal*	*0.54*	*Intact*
Gray	*Exterior*	*Vent Cover*	*Metal*	*0.14*	*Intact*
Brown	Exterior	Downspout	Metal	0	Intact
Tan	Exterior	Soffit	Plaster	0	Intact
Tan	Exterior	Wall	Plaster	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Brown	*Exterior*	*Awning Support*	*Metal*	*0.3*	*Poor*
Brown	*Exterior*	*Awning Support*	*Metal*	*0.27*	*Poor*
Brown	*Exterior*	*Upper Column*	*Metal*	*0.37*	*Poor*
Brown	*Exterior*	*Door Casing*	*Metal*	*0.26*	*Poor*
Brown	*Exterior*	*Door*	*Metal*	*0.2*	*Poor*
Brown	Exterior	Window Casing	Metal	0	Intact
Brown	*Exterior*	*Window Lintel*	*Metal*	*0.01*	*Intact*
Brown	*Exterior*	*Window Lintel*	*Metal*	*0.01*	*Intact*
Brown	Exterior	Window Casing	Metal	0	Intact
Brown	Exterior	Downspout	Metal	0	Intact
White	Exterior	Awning	Metal	0	Intact
White	*Exterior*	*Awning Support*	*Metal*	*0.01*	*Intact*
Brown	Exterior	Door Casing	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Brown	*Exterior*	*Door Lintel*	*Metal*	*0.05*	*Poor*
Gray	Exterior	Railing – Hand Railing	Metal	0	Intact
Brown	*Exterior*	*Door Gate*	*Metal*	*0.02*	*Intact*
White	Exterior	Wall	Brick	0	Intact
Tan	Exterior	Wall	Plaster	0	Intact
White	Foyer/Lobby	Ceiling	Drywall	0	Intact
Beige	*Foyer/Lobby*	*Wall*	*Drywall*	*0.16*	*Intact*
Beige	*Foyer/Lobby*	*Wall*	*Drywall*	*0.27*	*Intact*
Red	*Foyer/Lobby*	*Support Column – Support Beam*	*Metal*	*0.03*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Gray	Foyer/Lobby	Ceiling	Metal	0	Intact
Black	Foyer/Lobby	Pipe	Metal	0	Intact
Brown	*Foyer/Lobby*	*Door Lintel*	*Metal*	*0.26*	*Intact*
White	Foyer/Lobby	Door	Metal	0	Intact
Brown	Foyer/Lobby	Door Jamb	Wood	0	Intact
Natural	*Foyer/Lobby*	*Door*	*Wood*	*0.03*	*Intact*
Brown	*Foyer/Lobby*	*Door Header*	*Metal*	*0.2*	*Intact*
Brown	*Foyer/Lobby*	*Service Window*	*Metal*	*0.2*	*Intact*
Gray	Gift Shop	Wall	Drywall	0	Intact
Gray	Gift Shop	Wall	Concrete	0	Intact
Gray	Gift Shop	Closet Door	Wood	0	Intact
White	Gift Shop	Closet Door Jamb	Wood	0	Intact
White	Dining Room	Wall	Concrete	0	Intact
Brown	Dining Room	Wall	Concrete	0	Intact
White	*Kitchen*	*Door Casing*	*Metal*	*0.1*	*Intact*
White	Kitchen	Wall	Concrete	0	Intact
Brown	*Kitchen*	*Door Jamb*	*Metal*	*0.17*	*Intact*
White	Kitchen	Wall	Concrete	0	Intact
Brown	*Kitchen*	*Door Casing*	*Metal*	*0.15*	*Intact*
Brown	*Lobby Bathroom*	*Door Header*	*Metal*	*0.21*	*Poor*
White	Lobby Bathroom	Wall	Tile	0	Intact
White	Lobby Bathroom	Wall	Concrete	0	Intact
White	*Lobby Bathroom*	*Ceiling*	*Drywall*	*0.07*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Beige	Hallway	Wall	Concrete	0	Intact
Beige	Hallway	Wall	Drywall	0	Intact
Brown	*Hallway*	*Door Jamb*	*Metal*	*0.18*	*Intact*
Beige	Hallway	Wall Baseboard	Wood	0	Intact
White	*Business Office*	*Wall*	*Drywall*	*0.1*	*Intact*
Red	*Business Office*	*I-Beam, Support Beam*	*Metal*	*0.13*	*Intact*
Brown	*Business Office*	*Closet Casing*	*Metal*	*0.18*	*Intact*
Natural	*Business Office*	*Closet Door*	*Wood*	*0.04*	*Intact*
White	Business Office	Closet Wall	Drywall	0	Intact
Brown	Emergency Room (ER) Foyer	Door Casing	Metal	0	Intact
Brown	ER Foyer	Door	Metal	0	Intact
Beige	ER Foyer	Wall	Drywall	0	Intact
	Calibration	Calibration Every 4 Hours	8/27/2024	1.01	
	Calibration	Calibration Every 4 Hours	8/27/2024	1.05	
	Calibration	Calibration Every 4 Hours	8/27/2024	1.04	
	Calibration	Calibration Every 4 Hours	8/27/2024	1.03	
Beige	ER Trauma	Wall	Drywall	0	Intact
Gray	*ER Trauma*	*Cabinet Doors*	*Wood*	*0.01*	*Intact*
Gray	*Nurse's Station*	*Cabinets*	*Wood*	*0.02*	*Intact*
Beige	Nurse's Station	Door Casing	Metal	0	Intact
Beige	Nurse's Station	Wall	Drywall	0	Intact
Begie	Ambulatory Care	Wall	Drywall	0	Intact
Brown	Ambulatory Care	Door Header	Metal	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Beige	Bathroom	Wall	Drywall	0	Intact
Beige	Hallway	Wall	Drywall	0	Intact
White	Hallway	Door Casing	Metal	0	Intact
Brown	Hallway	Door Jamb	Metal	0	Intact
Gray	Hallway	Door Header	Metal	0	Intact
Brown	CT Scan	Door Casing	Metal	0	Intact
Brown	CT Scan	Window Casing	Metal	0	Intact
Brown	*CT Scan*	*I-Beam, Support Beam*	*Metal*	*0.05*	*Intact*
Pink	*CT Scan*	*Cabinet Doors*	*Wood*	*0.02*	*Intact*
White	CT Scan	Wall	Drywall	0	Intact
White	Radiology	Wall	Drywall	0	Intact
Gray	*Radiology*	*Door Casing*	*Metal*	*0.19*	*Intact*
Natural	*Radiology*	*Door*	*Wood*	*0.04*	*Intact*
White	Hallway	Ceiling	Plaster	0	Intact
Black	Hallway	Horizontal Pipe	Metal	0	Intact
White	Operating Room (OR) Prep	Ceiling	Drywall	0	Intact
White	OR Prep	Wall	Drywall	0	Intact
Gray	**OR Prep**	**Wall**	**Tile**	**5.98**	**Intact**
Gray	**OR Prep**	**Wall**	**Tile**	**5.48**	**Intact**
Gray	**OR**	**Wall**	**Tile**	**6.08**	**Intact**
White	OR	Ceiling	Plaster	0	Intact
Gray	**OR**	**Window Casing**	**Metal**	**>10**	**Intact**
Gray	OR	Cabinet Frames	Metal	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	OR	Wall	Drywall	0	Intact
White	OR	Lower Column	Metal	0	Intact
White	**OR**	**Window Casing**	**Metal**	**>10**	**Intact**
Black	*OR*	*Floor*	*Tile*	*0.01*	*Intact*
White	*Respiratory Care*	*Wall*	*Brick*	*0.03*	*Intact*
Beige	*Respiratory Care*	*Wall*	*Concrete*	*0.03*	*Intact*
White	*Respiratory Care*	*Wall*	*Concrete*	*0.02*	*Intact*
Beige	*Respiratory Care*	*Wall*	*Brick*	*0.04*	*Intact*
Blue	*Respiratory Care*	*Wall Panel*	*Wood*	*0.21*	*Intact*
Brown	Respiratory Care	Window Sill	Wood	0	Intact
Brown	*Respiratory Care*	*Door Jamb*	*Metal*	*0.04*	*Intact*
White	*Waiting Room*	*Door Jamb*	*Metal*	*0.23*	*Intact*
White	Waiting Room	Wall Chair Rail	Wood	0	Intact
Gray	Waiting Room	Wall	Drywall	0	Intact
White	Waiting Room	Wall Crown Molding	Wood	0	Intact
White	Nurse's Station	Wall Crown Molding	Wood	0	Intact
White	Nurse's Station	Wall	Drywall	0	Intact
White	*Nurse's Station*	*Window Casing*	*Metal*	*0.19*	*Intact*
White	Physical Therapy (PT) Room 30	Door Jamb	Metal	0	Intact
White	PT Room 30	Wall Crown Molding	Wood	0	Intact
White	PT Room 30	Wall Chair Rail	Wood	0	Intact
Blue	PT Room 30	Wall	Drywall	0	Intact
Natural	PT Room 30	Window Case	Wood	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Beige	Bathroom	Wall	Tile	0	Intact
Beige	Bathroom	Floor	Tile	0	Intact
Blue	Bathroom	Wall	Drywall	0	Intact
Blue	Bathroom	Ceiling	Drywall	0	Intact
Beige	ER Breakroom	Wall	Drywall	0	Intact
Beige	*ER Breakroom*	*Wall*	*Concrete*	*0.01*	*Intact*
Brown	ER Breakroom	Door	Metal	0	Intact
Beige	Maintenance Office, Room 50	Wall	Drywall	0	Intact
Beige	Maintenance Office, Room 50	Wall	Concrete	0	Intact
Beige	**Maintenance Office, Room 50**	**Wall**	**Tile**	**5.57**	**Intact**
Beige	*Maintenance Office, Room 50*	*Wall*	*Drywall*	*0.01*	*Intact*
Beige	Maintenance Office, Room 50	Ceiling	Drywall	0	Intact
Brown	*Maintenance Office, Room 50*	*Door Jamb*	*Metal*	*0.15*	*Intact*
Brown	*BioMed Office Room 48*	*Door Header*	*Metal*	*0.15*	*Intact*
White	BioMed Office Room 48	Wall	Concrete	0	Intact
White	*BioMed Office Room 48*	*Wall*	*Drywall*	*0.01*	*Intact*
Beige	**BioMed Bathroom**	**Wall**	**Tile**	**5**	**Intact**
Beige	**BioMed Bathroom**	**Ceiling**	**Tile**	**5.6**	**Intact**
White	BioMed Bathroom	Ceiling	Drywall	0	Damaged
White	BioMed Bathroom	Wall	Drywall	0	Intact
Brown	*BioMed Bathroom*	*Door Casing*	*Metal*	*0.15*	*Intact*
Brown	*Room 42*	*Door Casing*	*Metal*	*0.08*	*Intact*
Brown	*Room 42*	*Window Jamb*	*Metal*	*0.04*	*Intact*

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
White	*Room 42*	*Wall*	*Concrete*	*0.01*	*Intact*
White	Room 42	Wall	Drywall	0	Intact
Beige	Dir. Wound Care	Wall	Drywall	0	Intact
Gray	*Dir. Wound Care*	*Door Header*	*Metal*	*0.13*	*Intact*
Blue	**Wound Care Bathroom**	**Ceiling**	**Tile**	**5.83**	**Intact**
Blue	**Wound Care Bathroom**	**Wall**	**Tile**	**5.44**	**Intact**
Gray	*Wound Care Bathroom*	*Wall*	*Drywall*	*0.02*	*Intact*
Gray	Wound Care Bathroom	Ceiling	Drywall	0	Intact
Gray	Storage Room	Wall	Drywall	0	Intact
White	Storage Room	Shelf	Wood	0	Intact
White	*Storage Room*	*Door Casing*	*Metal*	*0.19*	*Intact*
Gray	*Patient Room 9*	*Door Jamb*	*Metal*	*0.07*	*Intact*
Gray	Patient Room 9	Wall	Concrete	0	Intact
Gray	Patient Room 9	Wall	Drywall	0	Intact
White	Patient Room Bathroom	Wall	Drywall	0	Intact
White	Patient Room Bathroom	Ceiling	Drywall	0	Intact
Beige	**Patient Room Bathroom**	**Ceiling**	**Tile**	**5.85**	**Intact**
Beige	**Patient Room Bathroom**	**Wall**	**Tile**	**5.35**	**Intact**
Beige	Patient Room 16	Wall	Drywall	0	Intact
Natural	*Patient Room 16*	*Windowsill*	*Wood*	*0.04*	*Intact*
Natural	*Patient Room 16*	*Door*	*Wood*	*0.07*	*Intact*
White	Patient Room 16	Door Header	Metal	0	Intact
Beige	Bathroom	Wall	Tile	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Brown	Patient Room 18	Wall	Drywall	0	Intact
Brown	Patient Room 18	Door Casing	Metal	0	Intact
Brown	Bathroom	Door Jamb	Metal	0	Intact
Beige	Bathroom	Wall	Vinyl	0	Intact
Yellow	*Bathroom*	*Wall*	*Tile*	*0.01*	*Intact*
Beige	*Bathroom*	*Wall*	*Drywall*	*0.05*	*Intact*
Gray	Boiler Plant	Wall	Concrete	0	Intact
Gray	*Boiler Plant*	*Wall*	*Concrete*	*0.01*	*Intact*
Brown	*Boiler Plant*	*Door Casing*	*Metal*	*0.04*	*Intact*
Brown	*Boiler Plant*	*Door*	*Metal*	*0.03*	*Intact*
Green	*Boiler Plant Pipe*	*Vertical Pipe*	*Metal*	*0.02*	*Intact*
White	Boiler Plant	Wall	Concrete	0	Intact
White	Boiler Plant Office	Wall	Concrete	0	Intact
Gray	Boiler Plant Office	Wall	Concrete	0	Intact
Brown	*Boiler Plant Office*	*Door Casing*	*Metal*	*0.17*	*Intact*
Brown	*Boiler Plant Office*	*Door*	*Metal*	*0.06*	*Intact*
Brown	*Men's Locker Room*	*Door Jamb*	*Metal*	*0.13*	*Intact*
Natural	*Men's Locker Room*	*Door*	*Wood*	*0.02*	*Intact*
Gray	Men's Locker Room	Wall	Concrete	0	Intact
Gray	Men's Locker Room	Wall	Drywall	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact
Gray	Bathroom	Ceiling	Drywall	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Blue	**Bathroom**	**Wall**	**Tile**	**6.03**	**Intact**
White	Medical Records	Wall	Concrete	0	Intact
White	Medical Records	Wall	Drywall	0	Intact
Brown	Medical Records	Window Casing	Metal	0	Intact
	Calibration (Post Cal)	End of Building Survey	8/27/2024	1.1	
	Calibration (Post Cal)	End of Building Survey	8/27/2024	1.02	
	Calibration (Post Cal)	End of Building Survey	8/27/2024	1.05	
	Calibration (Post Cal)	End of Building Survey	8/27/2024	1.06	
Medical Plaza Building					
Brown	Lobby	Windowsill	Metal	0	Intact
Brown	Lobby	Door Jamb	Metal	0	Intact
Brown	Lobby	Door	Metal	0	Intact
White	Lobby	Service Window	Metal	0	Intact
White	Lobby	Wall Baseboard	Wood	0	Intact
White	Lobby	Wall Chair Rail	Wood	0	Intact
White	Lobby	Door	Wood	0	Intact
White	Lobby	Door Header	Metal	0	Intact
Beige	Lobby	Wall	Drywall	0	Intact
Beige	Lobby	Wall	Drywall	0	Intact
Gray	Suite E	Wall	Drywall	0	Intact
Gray	Suite E	Wall	Drywall	0	Intact
Beige	Suite E	Door Casing	Metal	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Natural	Suite E	Door	Wood	0	Intact
Natural	Suite B	Door	Wood	0	Intact
White	Suite B	Door Header	Metal	0	Intact
Beige	Suite B	Service Window	Wood	0	Intact
Gold	*Suite B*	*Wall*	*Drywall*	*0.01*	*Intact*
Gold	*Suite B*	*Wall*	*Drywall*	*0.01*	*Intact*
Gray	Lab	Wall	Drywall	0	Intact
Gray	Lab	Wall	Drywall	0	Intact
Gray	Exam 1	Wall	Drywall	0	Intact
Gray	Exam 1	Wall	Drywall	0	Intact
Gray	Exam 1	Door Jamb	Metal	0	Intact
Gray	Exam Bathroom	Door Casing	Metal	0	Intact
Gray	Exam Bathroom	Wall	Drywall	0	Intact
Gray	Exam Bathroom	Wall	Drywall	0	Intact
White	Hallway	Service Window	Wood	0	Intact
White	Hallway	Wall	Drywall	0	Intact
White	Hallway	Wall	Drywall	0	Intact
White	Hallway	Closet Wall	Drywall	0	Intact
Natural	Hallway	Closet Door	Wood	0	Intact
Gray	Hallway	Closet Jamb	Metal	0	Intact
	Calibration (Post Cal)	End of Day	8/27/2024	1.1	
	Calibration (Post Cal)	End of Day	8/27/2024	1.02	
	Calibration (Post Cal)	End of Day	8/27/2024	1.05	

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
	Calibration (Post Cal)	End of Day	8/27/2024	1.06	
	Calibration (Pre Cal)	Start of Day	8/28/2024	1	
	Calibration (Pre Cal)	Start of Day	8/28/2024	1.02	
	Calibration (Pre Cal)	Start of Day	8/28/2024	1.04	
	Calibration (Pre Cal)	Start of Day	8/28/2024	1.02	
White	Exterior	Door Lintel	Wood	0	Intact
White	Exterior	Awning Lintel	Metal	0	Intact
White	Exterior	Lower Column	Metal	0	Intact
Brown	Exterior	Door Jamb	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Brown	Exterior	Window Apron	Metal	0	Intact
Brown	Exterior	Window Sash	Metal	0	Intact
Brown	Exterior	Wall	Metal	0	Intact
Brown	Exterior	Wall	Metal	0	Intact
Brown	Exterior	Window Sash	Metal	0	Intact
Brown	Exterior	Door Casing	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Beige	Exterior	Door Lintel	Metal	0	Intact
Beige	Exterior	Awning Support	Wood	0	Intact
Beige	Exterior	Door Lintel	Wood	0	Intact
Beige	Exterior	Door Lintel	Metal	0	Intact
Brown	Exterior	Door Header	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Brown	Exterior	Window Sash	Metal	0	Intact
Brown	Exterior	Wall	Metal	0	Intact
Brown	Exterior	Wall	Metal	0	Intact
Brown	Exterior	Window Sash	Metal	0	Intact
Brown	Exterior	Door Casing	Metal	0	Intact
Brown	Exterior	Door	Metal	0	Intact
Beige	Exterior	Door Lintel	Metal	0	Poor
Gray	Kitchen	Door Jamb	Metal	0	Intact
Natural	Kitchen	Door	Wood	0	Intact
Natural	Kitchen	Cabinet Doors	Wood	0	Intact
Gray	Kitchen	Wall	Drywall	0	Intact
Gray	Kitchen	Wall	Drywall	0	Intact
Gray	Kitchen	Closet Wall	Drywall	0	Intact
Gray	Kitchen	Closet Jamb	Metal	0	Intact
Gray	Bathroom	Door Header	Metal	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact
Gray	Bathroom	Wall	Drywall	0	Intact
Gray	Laboratory	Door Casing	Metal	0	Intact
Gray	Laboratory	Wall	Drywall	0	Intact
Gray	Laboratory	Wall	Drywall	0	Intact
Gray	Suite D	Wall	Drywall	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Gray	Suite D	Wall	Drywall	0	Intact
Gray	Suite D	Door Casing	Metal	0	Intact
White	Office	Service Window	Metal	0	Intact
White	Office	Door Jamb	Metal	0	Intact
White	Office	Door	Wood	0	Intact
Brown	Office	Upper Column	Metal	0	Intact
Brown	Office	Window Sash	Metal	0	Intact
Beige	Office	Wall	Drywall	0	Intact
Beige	Office	Wall	Drywall	0	Intact
Beige	Hallway	Wall	Drywall	0	Intact
Beige	Hallway	Wall	Drywall	0	Intact
White	Hallway	Window Casing	Metal	0	Intact
White	Hallway	Door Header	Metal	0	Intact
White	Hallway	Door	Wood	0	Intact
White	Rehabilitation	Door	Wood	0	Intact
White	Rehabilitation	Door Jamb	Metal	0	Intact
White	Rehabilitation	Window Apron	Metal	0	Intact
Brown	Rehabilitation	Window Sash	Metal	0	Intact
Brown	Rehabilitation	Door Casing	Metal	0	Intact
Brown	Rehabilitation	Door	Metal	0	Intact
White	Rehabilitation Therapy	Door Casing	Metal	0	Intact
White	Rehabilitation Therapy	Door	Wood	0	Intact
Beige	Rehabilitation Therapy	Wall	Drywall	0	Intact

TABLE 2 (Continued)

SUMMARY OF LCP SCREENING LOCATIONS
1306 WEST COLLIN RAYE DRIVE, DE QUEEN, ARKANSAS

Paint Color	Location	Component	Substrate	XRF Reading (mg/cm^2)	Damaged[1]
Beige	Rehabilitation Therapy	Wall	Drywall	0	Intact
Beige	*Rehabilitation Therapy*	*Wall*	*Tile*	*0.01*	*Intact*
	Calibration (Post Cal)	End of Building Survey	8/28/2024	1.02	
	Calibration (Post Cal)	End of Building Survey	8/28/2024	1.03	

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 determined as 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 building:

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 building:

- ACM was identified within the subject property Hospital building in black mastic associated with white with green and gray streaks vinyl floor tile, gray vinyl floor tile, and tan with brown streaks vinyl floor tile (approximately 3,750 square feet [SF]) in the front entryway, main offices, and hallways off the front entryway and offices. The mastic was represented by samples HS-VFT03-001, -002, and -003; HS-VFT04-001, -002, and -003; and HS-VFT05-001, -002, and -003. Laboratory results indicated that the mastic contained 4 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in tan with brown streaks vinyl floor tile (approximately 1,500 SF) in the main offices and hallways off the offices near the front entryway. The floor tile was represented by samples HS-VFT05-001, -002, and -003. Laboratory results indicated that the floor tile contained 5 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with gray with white and black streaks vinyl floor tile (approximately 300 SF) in the operating room doctor's lounge. The floor tile was represented by samples HS-VFT07-001, -002, and -003. Laboratory results indicated that the mastic contained 3 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in orange with brown specks vinyl floor time and black mastic (approximately 100 SF of tile and 250 SF of mastic) in the pharmacy room. The vinyl floor tile covers approximately 100 SF of the pharmacy room, while the black mastic is present in the entire room under different vinyl floor tile. The floor tile and mastic were represented by samples HS-VFT08-001, -002, and -003. Laboratory results indicated that the floor tile contained 2 percent chrysotile asbestos, and the mastic contained 4 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with blue with dark blue specks vinyl sheet flooring (approximately 150 SF) in the back east jut-out hallway. The sheet flooring was represented by samples HS-SV03-001, -002, and -003. Laboratory results indicated that the black mastic contained 3 percent chrysotile asbestos.
- ACM was identified within the subject property Hospital building in black mastic associated with pink with white streaks vinyl floor tile (approximately 800 SF) in the maternity hallway. The floor tile was represented by samples HS-VFT09-001, -002, and -003. Laboratory results indicated that the mastic contained 3 percent chrysotile asbestos.
- Assumed ACM was identified at the subject property Hospital building in roofing material (approximately 67,000 SF) on the roof.
- Assumed ACM was identified at the subject property Medical Plaza building in roofing material (approximately 10,500 SF) on the roof.
- Assumed ACM was identified at the subject property Purchasing Department building in roofing material (approximately 3,500 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.

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 building were inspected for suspect 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 all three buildings. Heights of these materials at the buildings 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 building were inspected.

9.0 REFERENCES

Agency for Toxic Substance and Disease Registry. 2016. Health Effects of Asbestos. Last Reviewed November 3, 2024. 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 front of the Hospital building.

Photo 2: This photograph shows the side entrance of the Medical Plaza building.

Photo 3: This photograph shows the Purchasing Department building.

Photo 4: This photograph shows the asbestos-containing material (ACM) 12- x 12-inch white with green and gray streak vinyl floor and black mastic (HS-VFT03) in the front entryway of the Hospital building (red arrow).

Photo 5: This photograph shows ACM 12- x 12-inch gray vinyl floor tile and black mastic (HS-VFT04) in the front entryway of the Hospital building (red arrow).

Photo 6: This photograph shows ACM 12- x 12-inch tan with brown streaks vinyl floor tile and black mastic (HS-VFT05) in the offices off the front entryway of the Hospital building.

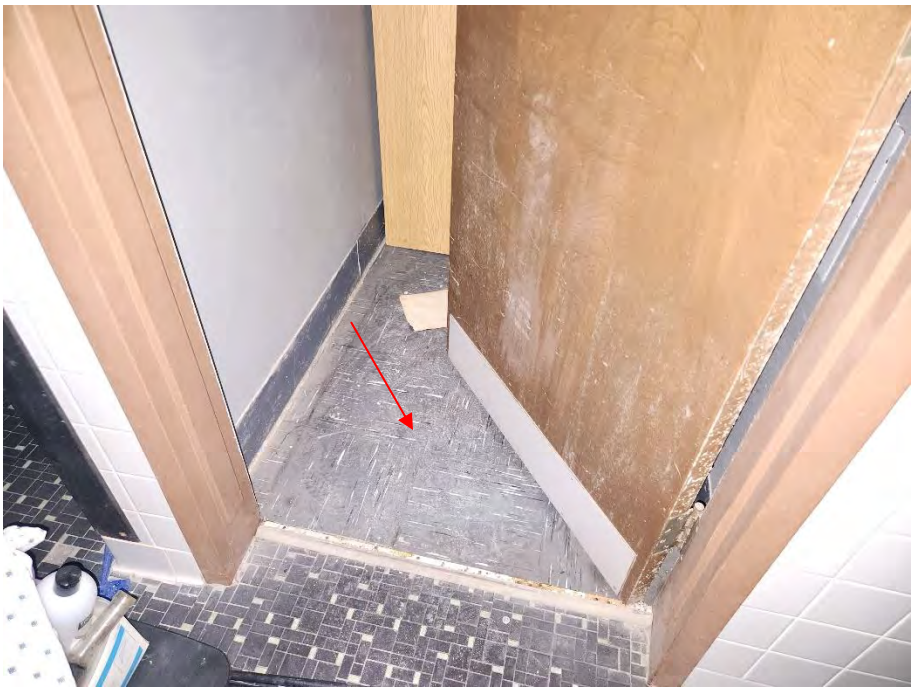

Photo 7: This photograph shows ACM 12- by 12-inch gray with white and black streaks and black mastic (HS-VFT07) in the operating room doctor's lounge of the Hospital building (red arrow).

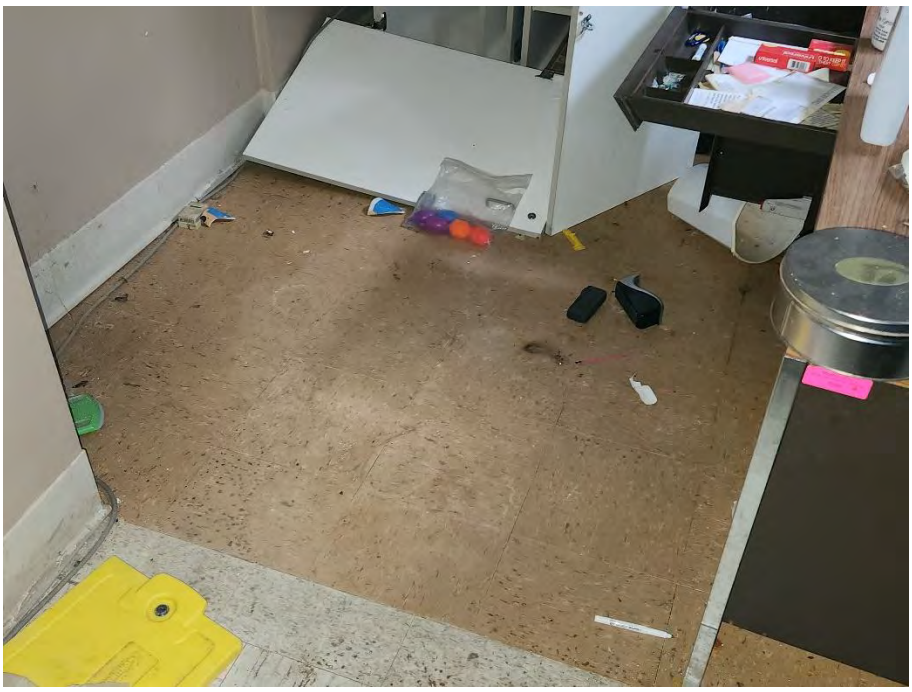

Photo 8: This photograph shows ACM 12- x 12-inch orange with brown specks vinyl floor tile and black mastic (HS-VFT08) in the pharmacy room of the Hospital building.

Photo 9: This photograph shows ACM 12- x 12-inch pink with white streaks vinyl floor tile and yellow mastic (HS-VFT09) in the maternity area hallway of the Hospital building (red arrows).

Photo 10: This photograph shows a view of assumed ACM roofing material on the Purchasing Department building (red arrow) and the Hospital Building (yellow arrow).

Photo 11: This photograph shows a view of assumed ACM roofing material on the Medical Plaza 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

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	HS-VFT01-001
2	HS-VFT01-002
3	HS-VFT01-003
4	HS-VFT02-001
5	HS-VFT02-002
6	HS-VFT02-003
7	HS-CB01-001
8	HS-CB01-002
9	HS-CB01-003
10	HS-DWJC-001
11	HS-DWJC-002
12	HS-DWJC-003
13	HS-DWJC-004
14	HS-DWJC-005
15	HS-DWJC-006
16	HS-DWJC-007
17	HS-CT02-001
18	HS-CT02-002
19	HS-CT02-003
20	HS-CT01-001
21	HS-CT01-002
22	HS-CT01-003
23	HS-CT03-001
24	HS-CT03-002
25	HS-CT03-003
26	HS-CB02-001
27	HS-CB02-002
28	HS-CB02-003
29	HS-CB03-001
30	HS-CB03-002
31	HS-CB03-003
32	HS-CB04-001
33	HS-CB04-002
34	HS-CB04-003
35	HS-FC01-001
36	HS-FC01-002
37	HS-FC01-003
38	HS-VFT03-001
39	HS-VFT03-002
40	HS-VFT03-003
41	HS-SV02-001
42	HS-SV02-002
43	HS-SV02-003
44	HS-VFT04-001
45	HS-VFT04-002
46	HS-VFT04-003
47	HS-CT04-001
48	HS-CT04-002
49	HS-CT04-003
50	HS-VFT05-001
51	HS-VFT05-002
52	HS-VFT05-003
53	HS-CB05-001

Sample Key Table

Key	Sample No.
Asbestos	
54	HS-CB05-002
55	HS-CB05-003
56	HS-CB06-001
57	HS-CB06-002
58	HS-CB06-003
59	HS-CT05-001
60	HS-CT05-002
61	HS-CT05-003
62	HS-CT06-001
63	HS-CT06-002
64	HS-CT06-003
65	HS-CB07-001
66	HS-CB07-002
67	HS-CB07-003
68	HS-VFT06-001
69	HS-VFT06-002
70	HS-VFT06-003
71	HS-VFT07-001
72	HS-VFT07-002
73	HS-VFT07-003
74	HS-TSI-001
75	HS-TSI-002
76	HS-TSI-003
77	HS-CB08-001
78	HS-CB08-002
79	HS-CB08-003
80	HS-VFT08-001
81	HS-VFT08-002
82	HS-VFT08-003
83	HS-CB10-001
84	HS-CB10-002
85	HS-CB10-003
86	HS-SV03-001
87	HS-SV03-002
88	HS-SV03-003
89	HS-CT07-001
90	HS-CT07-002
91	HS-CT07-003
92	HS-SV04-001
93	HS-SV04-002
94	HS-SV04-003
95	HS-VFT09-001
96	HS-VFT09-002
97	HS-VFT09-003
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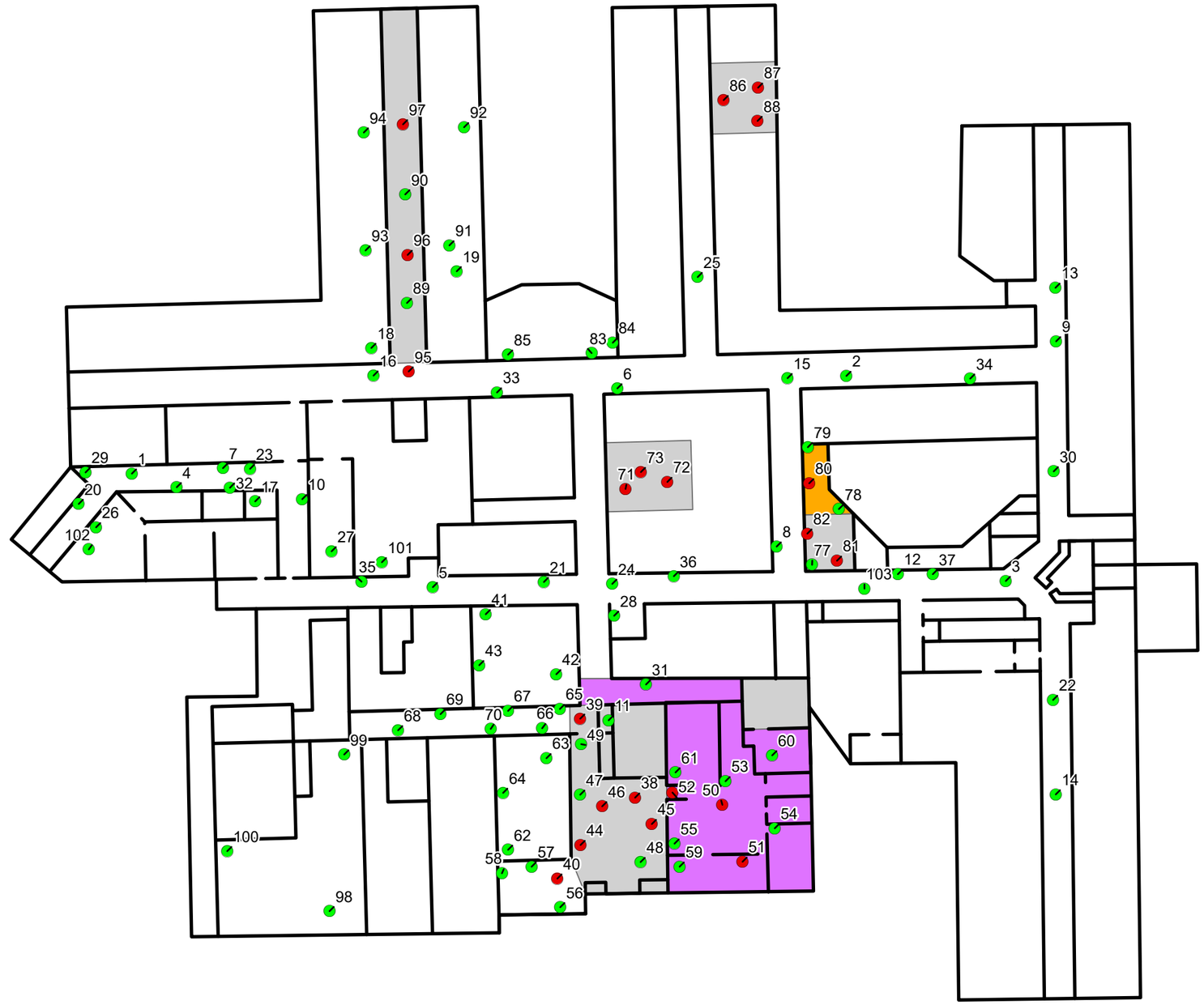
100	HS-SO-003
101	HS-SV05-001
102	HS-SV05-002
103	HS-SV05-003



Legend

- Asbestos-Containing Material Sample Location
- Non-Asbestos-Containing Material Sample Location
- Asbestos-Containing Black Mastic
- Asbestos-Containing Orange Tile and Black Mastic
- Asbestos-Containing Tan Vinyl Floor Tile and Black Mastic

N

Not to scale

De Queen Hospital
1306 W Collin Raye Dr
De Queen, AR 71832

Figure 1
Hospital
Asbestos Location Map

TETRA TECH

Date: 10/3/2024 Drawn By: Susmita Shrestha Project No: 103S9501003.003

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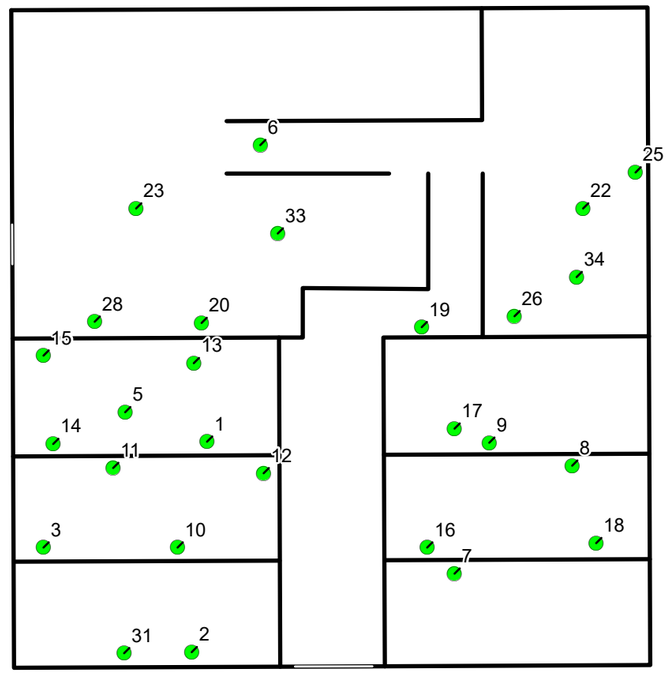
Sample Key Table

Key	Sample No.
Asbestos	
1	MP-CB01-001
2	MP-CB01-002
3	MP-CB01-003
4	MP-CT01-001
5	MP-CT01-002
6	MP-CT01-003
7	MP-CB02-001
8	MP-CB02-002
9	MP-CB02-003
10	MP-CB03-001
11	MP-CB03-002
12	MP-CB03-003
13	MP-VFT01-001
14	MP-VFT01-002
15	MP-VFT01-003
16	MP-VFT02-001
17	MP-VFT02-002
18	MP-VFT02-003
19	MP-CB04-001
20	MP-CB04-002
21	MP-CB04-003
22	MP-CT02-001
23	MP-CT02-002
24	MP-CT02-003
25	MP-VFT03-001
26	MP-VFT03-002
27	MP-VFT03-003
28	MP-DWJC-001
29	MP-DWJC-002
30	MP-DWJC-003
31	MP-DWJC-004
32	MP-DWJC-005
33	MP-CM-001
34	MP-CM-002
35	MP-CM-003



Legend

- Asbestos-Containing Material Sample Location
- Non-Asbestos-Containing Material Sample Location

N

Not to scale

De Queen Hospital
1306 W Collin Raye Dr
De Queen, AR 71832

Figure 2
Medical Plaza
Asbestos Location Map

TETRA TECH

Date: 9/17/2024 Drawn By: Susmita Shrestha Project No: 103S9501003.003

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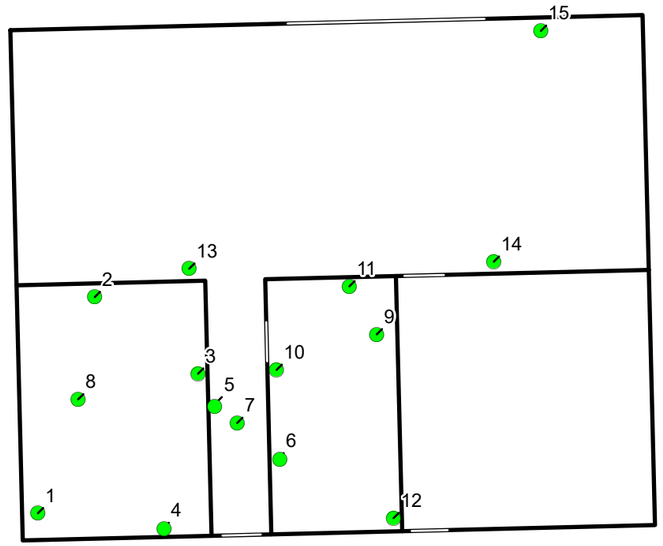
Sample Key Table

Key	Sample No.
Asbestos	
1	PD-CB01-001
2	PD-CB01-002
3	PD-CB01-003
4	PD-DWJC-001
5	PD-DWJC-002
6	PD-DWJC-003
7	PD-CT01-001
8	PD-CT01-002
9	PD-CT01-003
10	PD-CB02-001
11	PD-CB02-002
12	PD-CB02-003
13	PD-CB03-001
14	PD-CB03-002
15	PD-CB03-003



Legend

- Asbestos-Containing Material Sample Location
- Non-Asbestos-Containing Material Sample Location

N

Not to scale

De Queen Hospital
1306 W Collin Raye Dr
De Queen, AR 71832

Figure 3
Purchasing Department
Asbestos Location Map

TETRA TECH

Date: 9/17/2024 Drawn By: Susmita Shrestha Project No: 103S9501003.003

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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: 103Z9501003.003 hospital; Asbestos Survey
EML ID: 3771739

Approved by:

Approved Signatory
Frank Ehrenfeld

REVISED REPORT

POINT COUNT RESULTS ADDED TO REPORT
Dates of Analysis:
Asbestos PLM: 09-09-2024 to 09-12-2024
Asbestos-EPA 400 point count: 09-12-2024

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), Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1262)
NVLAP Lab Code 200844-0

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: 103Z9501003.003 hospital; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-12-2024

ASBESTOS COMBO REPORT

Total Samples Submitted:	107
Total Samples Analyzed:	91
Total Samples with Layer Asbestos Content > 1%:	9

Location: HS-VFT01-001, Cream w. brown streejs floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18587598-1

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

Location: HS-VFT01-002, Cream w. brown streejs floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18587599-1

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

Location: HS-VFT01-003, Cream w. brown streejs floor tile 12x12 w. yellow mastic

Lab ID-Version‡: 18587600-1

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

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". This report replaces the previous report released on September 10, 2024.

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: 103Z9501003.003 hospital; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-12-2024

ASBESTOS COMBO REPORT

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

Lab ID-Version‡: 18587601-1

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

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

Lab ID-Version‡: 18587602-1

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

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

Lab ID-Version‡: 18587603-1

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

Location: HS-CB01-001, 3 in blue cove base w. yellow mastic

Lab ID-Version‡: 18587604-1

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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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.
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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501003.003 hospital; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-12-2024

ASBESTOS COMBO REPORT

Location: HS-CB01-002, 3 in blue cove base w. yellow mastic Lab ID-Version‡: 18587605-1

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: HS-CB01-003, 3 in blue cove base w. yellow mastic Lab ID-Version‡: 18587606-1

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: HS-DWJC-001, white drywall joint compound Lab ID-Version‡: 18587607-1

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

Location: HS-DWJC-002, white drywall joint compound Lab ID-Version‡: 18587608-1

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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ASBESTOS COMBO REPORT

Location: HS-DWJC-003, white drywall joint compound Lab ID-Version‡: 18587609-2, 18613939-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound	0.75% Chrysotile	400 point count
White Joint Compound	2% Chrysotile	Asbestos PLM
Composite Asbestos Fibrous Content:	< 1% Asbestos	
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: HS-DWJC-004, white drywall joint compound Lab ID-Version‡: 18613941-1, 18629714-1

Sample Layers	Asbestos Content	Method
White Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound with Paint	0.5% Chrysotile	400 point count
White Joint Compound with Paint	2% Chrysotile	Asbestos PLM
Composite Asbestos Fibrous Content:	< 1% Asbestos	
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

Location: HS-DWJC-005, white drywall joint compound Lab ID-Version‡: 18613942-1

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: HS-DWJC-006, white drywall joint compound Lab ID-Version‡: 18613943-1

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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ASBESTOS COMBO REPORT

Location: HS-DWJC-007, white drywall joint compound Lab ID-Version‡: 18613944-1

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: HS-CT02-001, 2x4 smooth white ceiling tile drywall Lab ID-Version‡: 18587614-1

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: HS-CT02-002, 2x4 smooth white ceiling tile drywall Lab ID-Version‡: 18587615-1

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: HS-CT02-003, 2x4 smooth white ceiling tile drywall Lab ID-Version‡: 18587616-1

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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ASBESTOS COMBO REPORT

Location: HS-CT01-001, 2x4 white w. pinholes + fissures ceiling tile Lab ID-Version‡: 18587617-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT01-002, 2x4 white w. pinholes + fissures ceiling tile Lab ID-Version‡: 18587618-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT01-003, 2x4 white w. pinholes + fissures ceiling tile Lab ID-Version‡: 18587619-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT03-001, 2x4 white w. fissures ceiling tile Lab ID-Version‡: 18587620-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: HS-CT03-002, 2x4 white w. fissures ceiling tile Lab ID-Version‡: 18587621-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT03-003, 2x4 white w. fissures ceiling tile Lab ID-Version‡: 18587622-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 30% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CB02-001, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18587623-1

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

Location: HS-CB02-002, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18587624-1

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

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ASBESTOS COMBO REPORT

Location: HS-CB02-003, 5 in brown cove base w. yellow mastic Lab ID-Version‡: 18587625-1

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

Location: HS-CB03-001, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18587626-1

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

Location: HS-CB03-002, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18587627-1

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

Location: HS-CB03-003, 3 in brown cove base w. yellow mastic Lab ID-Version‡: 18587628-1

Sample Layers	Asbestos Content	Method
Brown 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: HS-CB04-001, 5 in blue cove base w. yellow mastic Lab ID-Version‡: 18587629-1

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

Location: HS-CB04-002, 5 in blue cove base w. yellow mastic Lab ID-Version‡: 18587630-1

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

Location: HS-CB04-003, 5 in blue cove base w. yellow mastic Lab ID-Version‡: 18587631-1

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

Location: HS-FC01-001, red fire chaulk around pipes above ceiling + around joints of ducts Lab ID-Version‡: 18587632-1

Sample Layers	Asbestos Content	Method
Red Caulk	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: HS-FC01-002, red fire chaulk around pipes above ceiling + around joints of ducts

Lab ID-Version‡: 18587633-1

Sample Layers	Asbestos Content	Method
Red Caulk	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-FC01-003, red fire chaulk around pipes above ceiling + around joints of ducts

Lab ID-Version‡: 18587634-1

Sample Layers	Asbestos Content	Method
Red Caulk	ND	Asbestos PLM
Composite Non-Asbestos Content:	3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-VFT03-001, 12x12 white floor tile w. green + grey streeks w. black mastic

Lab ID-Version‡: 18587635-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	ND	Asbestos PLM
Black Mastic	4% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: Samples HS-VFT03-002 and 003 were not analyzed due to prior positive series.

Location: HS-SV02-001, tan w. brown specks sheet vinyl w. yellow mastic

Lab ID-Version‡: 18587638-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: HS-SV02-002, tan w. brown specks sheet vinyl w. yellow mastic Lab ID-Version‡: 18587639-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-SV02-003, tan w. brown specks sheet vinyl w. yellow mastic Lab ID-Version‡: 18587640-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-VFT04-001, 12x12 grey floor tile w. black mastic Lab ID-Version‡: 18587641-1

Sample Layers	Asbestos Content	Method
Gray Floor Tile	ND	Asbestos PLM
Black Mastic	4% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: Samples HS-VFT04-002 and 003 were not analyzed due to prior positive series.

Location: HS-CT04-001, 2x2 white ceiling tile pin + pencil holes Lab ID-Version‡: 18587644-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 20% Mineral Wool	
Sample Composite Homogeneity:	Good	

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.

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ASBESTOS COMBO REPORT

Location: HS-CT04-002, 2x2 white ceiling tile pin + pencil holes Lab ID-Version‡: 18587645-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 20% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT04-003, 2x2 white ceiling tile pin + pencil holes Lab ID-Version‡: 18587646-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	50% Cellulose 20% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-VFT05-001, 12x12 tan w. brown streeks w. black mastic Lab ID-Version‡: 18587647-1

Sample Layers	Asbestos Content	Method
Tan Floor Tile	5% Chrysotile	Asbestos PLM
Black Mastic	4% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: Samples HS-VFT05-002 and 003 were not analyzed due to prior positive series.

Location: HS-CB05-001, 5 in tan cove base w. yellow mastic Lab ID-Version‡: 18587650-1

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

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ASBESTOS COMBO REPORT

Location: HS-CB05-002, 5 in tan cove base w. yellow mastic Lab ID-Version‡: 18587651-1

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

Location: HS-CB05-003, 5 in tan cove base w. yellow mastic Lab ID-Version‡: 18587652-1

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

Location: HS-CB06-001, 5 in grey cove base w. yellow mastic Lab ID-Version‡: 18587653-1

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

Location: HS-CB06-002, 5 in grey cove base w. yellow mastic Lab ID-Version‡: 18587654-1

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: HS-CB06-003, 5 in grey cove base w. yellow mastic Lab ID-Version‡: 18587655-1

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

Location: HS-CT05-001, 2x2 pin holes white ceiling tile Lab ID-Version‡: 18587656-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 25% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT05-002, 2x2 pin holes white ceiling tile Lab ID-Version‡: 18587657-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 25% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT05-003, 2x2 pin holes white ceiling tile Lab ID-Version‡: 18587658-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 25% 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.
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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: 103Z9501003.003 hospital; Asbestos Survey

Date of Sampling: 08-29-2024
Date of Receipt: 09-05-2024
Date of Report: 09-12-2024

ASBESTOS COMBO REPORT

Location: HS-CT06-001, 2x2 smooth white ceiling tile (drywall) Lab ID-Version‡: 18587659-1

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

Location: HS-CT06-002, 2x2 smooth white ceiling tile (drywall) Lab ID-Version‡: 18587660-1

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

Location: HS-CT06-003, 2x2 smooth white ceiling tile (drywall) Lab ID-Version‡: 18587661-1

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

Location: HS-CB07-001, 5 in dark green cove base w. yellow mastic Lab ID-Version‡: 18587662-1

Sample Layers	Asbestos Content	Method
Green Cove Base	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Brown Mastic	ND	Asbestos PLM
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.
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Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501003.003 hospital; Asbestos Survey

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ASBESTOS COMBO REPORT

Location: HS-CB07-002, 5 in dark green cove base w. yellow mastic Lab ID-Version‡: 18587663-1

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

Location: HS-CB07-003, 5 in dark green cove base w. yellow mastic Lab ID-Version‡: 18587664-1

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

Location: HS-VFT06-001, 12x12 light brown w. white specks floor tile w. yellow mastic Lab ID-Version‡: 18587665-1

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

Location: HS-VFT06-002, 12x12 light brown w. white specks floor tile w. yellow mastic Lab ID-Version‡: 18587666-1

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

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.
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ASBESTOS COMBO REPORT

Location: HS-VFT06-003, 12x12 light brown w. white specks floor tile w. yellow mastic

Lab ID-Version‡: 18587667-1

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

Location: HS-VFT07-001, 12x12 grey w. white streeks floor tile w. black mastic

Lab ID-Version‡: 18587668-1

Sample Layers	Asbestos Content	Method
Gray Floor Tile	ND	Asbestos PLM
Black Mastic	3% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: Samples HS-VFT07-002 and 003 were not analyzed due to prior positive series.

Location: HS-TSI-001, white TSI

Lab ID-Version‡: 18587671-1

Sample Layers	Asbestos Content	Method
White Insulation	ND	Asbestos PLM
Composite Non-Asbestos Content:	15% Mineral Wool 10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: HS-TSI-002, white TSI

Lab ID-Version‡: 18587672-1

Sample Layers	Asbestos Content	Method
White Insulation	ND	Asbestos PLM
Composite Non-Asbestos Content:	15% Mineral Wool 10% Cellulose	
Sample Composite Homogeneity:	Good	

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.
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ASBESTOS COMBO REPORT

Location: HS-TSI-003, white TSI Lab ID-Version‡: 18587673-1

Sample Layers	Asbestos Content	Method
White Insulation	ND	Asbestos PLM
Composite Non-Asbestos Content:	15% Mineral Wool 10% Cellulose	
Sample Composite Homogeneity:	Good	

Location: HS-CB08-001, 5 in cream cove base yellow mastic Lab ID-Version‡: 18587674-1

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

Location: HS-CB08-002, 5 in cream cove base w. yellow mastic Lab ID-Version‡: 18587675-1

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

Location: HS-CB08-003, 5 in cream cove base w. yellow mastic Lab ID-Version‡: 18587676-1

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

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.
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ASBESTOS COMBO REPORT

Location: HS-VFT08-001, 12x12 orange w. brown specks floor tile w. black mastic

Lab ID-Version‡: 18587677-1

Sample Layers	Asbestos Content	Method
Multicolored Floor Tile	2% Chrysotile	Asbestos PLM
Black Mastic	4% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: HS-VFT08-002 and 003 were not analyzed due to prior positive series.

Location: HS-CB10-001, 5 in light grey cove base w. yellow mastic

Lab ID-Version‡: 18587680-1

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

Location: HS-CB10-002, 5 in light grey cove base w. yellow mastic

Lab ID-Version‡: 18587681-1

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

Location: HS-CB10-003, 5 in light grey cove base w. yellow mastic

Lab ID-Version‡: 18587682-1

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

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.
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ASBESTOS COMBO REPORT

Location: HS-SV03-001, blue w. dark blue specks sheet vinyl w. yellow mastic + leveling compound

Lab ID-Version‡: 18587683-1

Sample Layers	Asbestos Content	Method
Blue Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
White Leveling Compound	ND	Asbestos PLM
Black Mastic	3% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Comments: Samples HS-SV03-002 and 003 were not analyzed due to prior positive series.

Location: HS-CT07-001, 2x2 ceiling tile white rough w. pinholes

Lab ID-Version‡: 18587686-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 20% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT07-002, 2x2 ceiling tile white rough w. pinholes

Lab ID-Version‡: 18587687-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 20% Mineral Wool	
Sample Composite Homogeneity:	Good	

Location: HS-CT07-003, 2x2 ceiling tile white rough w. pinholes

Lab ID-Version‡: 18587688-1

Sample Layers	Asbestos Content	Method
Gray Ceiling Tile with White Surface	ND	Asbestos PLM
Composite Non-Asbestos Content:	40% Cellulose 20% 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.
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ASBESTOS COMBO REPORT

Location: HS-SV04-001, tan w. blue specks sheet vinyl w. white mastic Lab ID-Version‡: 18587689-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
White Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-SV04-002, tan w. blue specks sheet vinyl w. white mastic Lab ID-Version‡: 18587690-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
White Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-SV04-003, tan w. blue specks sheet vinyl w. white mastic Lab ID-Version‡: 18587691-1

Sample Layers	Asbestos Content	Method
Multicolored Sheet Flooring	ND	Asbestos PLM
White Mastic	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-VFT09-001, 12x12 pink w. white streaks floor tile w. yellow mastic Lab ID-Version‡: 18587692-1

Sample Layers	Asbestos Content	Method
Pink Floor Tile	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
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.
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ASBESTOS COMBO REPORT

Location: HS-VFT09-002, 12x12 pink w. white streaks floor tile w. yellow mastic

Lab ID-Version‡: 18587693-1

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

Location: HS-VFT09-003, 12x12 pink w. white streaks floor tile w. yellow mastic

Lab ID-Version‡: 18587694-1

Sample Layers	Asbestos Content	Method
Pink Floor Tile	ND	Asbestos PLM
Black Mastic	3% Chrysotile	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: HS-SO-001, spray on fireproofing grey

Lab ID-Version‡: 18587695-1

Sample Layers	Asbestos Content	Method
Gray Fireproofing	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose 5% Vermiculite 3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-SO-002, spray on fireproofing grey

Lab ID-Version‡: 18587696-1

Sample Layers	Asbestos Content	Method
Gray Fireproofing	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose 5% Vermiculite 3% Glass Fibers	
Sample Composite Homogeneity:	Good	

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ASBESTOS COMBO REPORT

Location: HS-SO-003, spray on fireproofing grey Lab ID-Version‡: 18587697-1

Sample Layers	Asbestos Content	Method
Gray Fireproofing	ND	Asbestos PLM
Composite Non-Asbestos Content:	10% Cellulose 5% Vermiculite 3% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-SV05-001, cream sheet vinyl w. peddles w. yellow mastic Lab ID-Version‡: 18587698-1

Sample Layers	Asbestos Content	Method
Cream Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	2% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-SV05-002, cream sheet vinyl w. peddles w. yellow mastic Lab ID-Version‡: 18587699-1

Sample Layers	Asbestos Content	Method
Cream Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	2% Glass Fibers	
Sample Composite Homogeneity:	Good	

Location: HS-SV05-003, cream sheet vinyl w. peddles w. yellow mastic Lab ID-Version‡: 18587700-1

Sample Layers	Asbestos Content	Method
Cream Sheet Flooring	ND	Asbestos PLM
Yellow Mastic	ND	Asbestos PLM
Composite Non-Asbestos Content:	2% Glass Fibers	
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.
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Date of Sampling: 08-29-2024
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ASBESTOS COMBO REPORT

Total Samples Submitted:	109
Total Samples Analyzed:	93
Total Samples Not Analyzed:	16

HS-DWJC-004, white drywall joint compound Lab ID-Version‡: 18587610-0

NOT ANALYZED	**POSITIVE STOP**

HS-DWJC-005, white drywall joint compound Lab ID-Version‡: 18587611-0

NOT ANALYZED	**POSITIVE STOP**

HS-DWJC-006, white drywall joint compound Lab ID-Version‡: 18587612-0

NOT ANALYZED	**POSITIVE STOP**

HS-DWJC-007, white drywall joint compound Lab ID-Version‡: 18587613-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT03-002, 12x12 white floor tile w. green + grey streeks w. black mastic Lab ID-Version‡: 18587636-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT03-003, 12x12 white floor tile w. green + grey streeks w. black mastic Lab ID-Version‡: 18587637-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT04-002, 12x12 grey floor tile w. black mastic Lab ID-Version‡: 18587642-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT04-003, 12x12 grey floor tile w. black mastic Lab ID-Version‡: 18587643-0

NOT ANALYZED	**POSITIVE STOP**

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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ASBESTOS COMBO REPORT

Total Samples Submitted:	109
Total Samples Analyzed:	93
Total Samples Not Analyzed:	16

HS-VFT05-002, 12x12 tan w. brown streeks w. black mastic Lab ID-Version‡: 18587648-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT05-003, 12x12 tan w. brown streeks w. black mastic Lab ID-Version‡: 18587649-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT07-002, 12x12 grey w. white streeks floor tile w. black mastic Lab ID-Version‡: 18587669-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT07-003, 12x12 grey w. white streeks floor tile w. black mastic Lab ID-Version‡: 18587670-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT08-002, 12x12 orange w. brown specks floor tile w. black mastic Lab ID-Version‡: 18587678-0

NOT ANALYZED	**POSITIVE STOP**

HS-VFT08-003, 12x12 orange w. brown specks floor tile w. black mastic Lab ID-Version‡: 18587679-0

NOT ANALYZED	**POSITIVE STOP**

HS-SV03-002, blue w. dark blue specks sheet vinyl w. yellow mastic + leveling compound Lab ID-Version‡: 18587684-0

NOT ANALYZED	**POSITIVE STOP**

HS-SV03-003, blue w. dark blue specks sheet vinyl w. yellow mastic + leveling compound Lab ID-Version‡: 18587685-0

NOT ANALYZED	**POSITIVE STOP**

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". This report replaces the previous report released on September 10, 2024.

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

ASBES

REQUESTED S

003771739

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:	103Z9501003 .003 hospital			**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:	8/29/24	**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
HS-VFT01-001	Creamw brownstrecks floorfile 12x12	B	STD	NA	Stop on 1st Positive
HS-VFT01-002	w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-VFT01-003		B	STD	NA	Stop on 1st Positive
HS-VFT02-001	blue w. write streeks floorfile 12x12	B	STD	NA	Stop on 1st Positive
HS-VFT02-002	w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-VFT02-003		B	STD	NA	Stop on 1st Positive
HS-CB01-001	3in blue cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB01-002		B	STD	NA	Stop on 1st Positive
HS-CB01-003		B	STD	NA	Stop on 1st Positive
HS-DWJC-001	white drywall joint compound	B	STD	NA	Stop on 1st Positive
HS-DWJC-002		B	STD	NA	Stop on 1st Positive

PCM Air		Bulk					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									

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 Fx 930 9/5/24	
D – Dust	**R** – Rock				
SO – Soil	**O** – Other:				

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REQUESTED

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:	103Z9501003 .003		
Project Description:	Asbestos Survey		
Project Zip Code:	71832	Sampling Date & Time:	8/29/14
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	Other Requests	Other Requests
HS-DWJC-003	white drywall joint compound	B	STD	NA	Stop on 1st Positive			X									
HS-DWJC-004		B	STD	NA	Stop on 1st Positive			X									
HS-DWJC-005		B	STD	NA	Stop on 1st Positive			X									
HS-DWJC-006		B	STD	NA	Stop on 1st Positive			X									
HS-DWJC-007		B	STD	NA	Stop on 1st Positive			X									
HS-CT02-001	2x4 smooth white ceilingtile	B	STD	NA	Stop on 1st Positive			X									
HS-CT02-002	drywall	B	STD	NA	Stop on 1st Positive			X									
HS-CT02-003		B	STD	NA	Stop on 1st Positive			X									
HS-CT01-001	2x4 white w. pin holes & fissures	B	STD	NA	Stop on 1st Positive			X									
HS-CT01-002	Ceilingtile	B	STD	NA	Stop on 1st Positive			X									
HS-CT01-003		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				
D – Dust	R – Rock		8/29/14 14:00		
SO – Soil	O – Other:				

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Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION

Project ID:	103Z9501003 .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
HS-CT03-001	2x4 white w. fissures ceiling tile	B	STD	NA	Stop on 1st Positive
HS-CT03-002	↓	B	STD	NA	Stop on 1st Positive
HS-CT03-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB02-001	9in brown cove base w. yellow	B	STD	NA	Stop on 1st Positive
HS-CB02-002	mastic	B	STD	NA	Stop on 1st Positive
HS-CB02-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB03-001	3in brown cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB03-002	↓	B	STD	NA	Stop on 1st Positive
HS-CB03-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB04-001	5in blue cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB04-002	↓	B	STD	NA	Stop on 1st Positive

ASBESTOS ANALYSIS

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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		
		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
	8/29/24 16:00		

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REQUEST

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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				TURN AROUND TIME CODES (TAT)	
Project ID:	103Z9501003 .003			**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:	8/29/24	**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	Soil: CARB 435 Method (Pre-crushed Sample)	Soil: CARB 435 Method (Regular Sample)	Requests: Lead Analysis	Requests:	Requests:
HS-CB04-003	9in blue cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X									
HS-FC01-001	red fire chalk around pipes above	B	STD	NA	Stop on 1st Positive			X									
HS-FC01-002	ceiling & around joints of ducts	B	STD	NA	Stop on 1st Positive			X									
HS-FC01-003	↓	B	STD	NA	Stop on 1st Positive			X									
HS-VFT03-001	12X12 white floor tile w. green/grey	B	STD	NA	Stop on 1st Positive			X									
HS-VFT03-002	streaks w. black mastic	B	STD	NA	Stop on 1st Positive			X									
HS-VFT03-003	↓	B	STD	NA	Stop on 1st Positive			X									
HS-SV02-001	tan w. brown specks sheet vinyl w.	B	STD	NA	Stop on 1st Positive			X									
HS-SV02-002	yellow mastic ↓	B	STD	NA	Stop on 1st Positive			X									
HS-SV02-003	↓	B	STD	NA	Stop on 1st Positive			X									
HS-VFT04-001	12X12 grey floor tile w. black 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 16:00		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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ASF

REQUES

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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:	103Z9501003 .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
HS-VFT04-002	12X12 grey floor tile w. black mastic	B	STD	NA	Stop on 1st Positive
HS-VFT04-003	↓	B	STD	NA	Stop on 1st Positive
HS-CT04-001	2x2 white ceiling tile pinit perlit holes	B	STD	NA	Stop on 1st Positive
HS-CT04-002	↓	B	STD	NA	Stop on 1st Positive
HS-CT04-003	↓	B	STD	NA	Stop on 1st Positive
HS-VFT05-001	12X12 tan w brown streeks w black	B	STD	NA	Stop on 1st Positive
HS-VFT05-002	mastic ↓	B	STD	NA	Stop on 1st Positive
HS-VFT05-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB05-001	Sm tan cove base w yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB05-002	↓	B	STD	NA	Stop on 1st Positive
HS-CB05-003	↓	B	STD	NA	Stop on 1st Positive

	PCM Air		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			8/29/24 16:00		
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:	103Z9501003 .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	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)	Other Requests: Lead Analysis
HS-CB06-001	3in grey cove base w yellow mastic	B	STD	NA	Stop on 1st Positive			X							
HS-CB06-002	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CB06-003	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CT05-001	2x2 pin hole white ceiling tile	B	STD	NA	Stop on 1st Positive			X							
HS-CT05-002	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CT05-003	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CT06-001	2x2 smooth white ceiling tile (drywall)	B	STD	NA	Stop on 1st Positive			X							
HS-CT06-002	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CT06-003	↓	B	STD	NA	Stop on 1st Positive			X							
HS-CB07001	3in dark green cove base w. yellow	B	STD	NA	Stop on 1st Positive			X							
HS-CB07-002	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 16:00		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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CONTACT INFORMATION			
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Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)	
Project ID:	~~103Z9501001.003~~ AC 103Z9501003.003			**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:	8/29/24	**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
HS-CB07-003	Sin dar K green cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-VFT06-001	12X12 light brown w. white specks floor	B	STD	NA	Stop on 1st Positive
HS-VFT06-002	tile w yellow mastic	B	STD	NA	Stop on 1st Positive
HS-VFT06-003	↓	B	STD	NA	Stop on 1st Positive
HS-VFT07-001	12X12 gray w. white streaks floor tile	B	STD	NA	Stop on 1st Positive
HS-VFT07-002	w. black mastic	B	STD	NA	Stop on 1st Positive
HS-VFT07-003	↓	B	STD	NA	Stop on 1st Positive
HS-TS1-001	White TSI	B	STD	NA	Stop on 1st Positive
HS-TS1-002	↓	B	STD	NA	Stop on 1st Positive
HS-TS1-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB08-001	Sin cream cove base yellow mastic	B	STD	NA	Stop on 1st Positive

ASBESTOS REQUESTED

003771739

PCM Air		B					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									

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

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Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)	
Project ID:	~~103Z0501001.003~~ 103Z9501003.003			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:	8/29/24	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
HS-CB08-002	Sm cream cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB08-003	↓	B	STD	NA	Stop on 1st Positive
HS-VFT08-001	12x12 Orange w. brown speck floor	B	STD	NA	Stop on 1st Positive
HS-VFT08-002	tile w. black mastic	B	STD	NA	Stop on 1st Positive
HS-VFT08-003	↓	B	STD	NA	Stop on 1st Positive
HS-CB10-001	Sm light grey cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
HS-CB10-002	↓	B	STD	NA	Stop on 1st Positive
HS-CB10-003	↓	B	STD	NA	Stop on 1st Positive
HS-SV03-001	blue w. dark blue specks sheet vinyl	B	STD	NA	Stop on 1st Positive
HS-SV03-002	w. yellow mastic + leveling compound	B	STD	NA	Stop on 1st Positive
HS-SV03-003	↓	B	STD	NA	Stop on 1st Positive

	PCM Air		PLM Bulk					PLM Rock & 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		8/29/24 16:00		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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REQUESTEI

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Contact:	Jeffrey Mitchell	Special Instructions: Stop on 1st Positive	
Phone:	(816) 412-1773		

PROJECT INFORMATION				TURN AROUND TIME CODES (TAT)	
Project ID:	~~103Z9501001.003~~ AC 103Z9501003.003			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:	8/29/24	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
HS-CT07-001	2x2 ceiling tile white rough w. pinholes	B	STD	NA	Stop on 1st Positive
HS-CT07-002	↓	B	STD	NA	Stop on 1st Positive
HS-CT07-003	↓	B	STD	NA	Stop on 1st Positive
HS-SV04-001	tan w. blue specks sheet vinyl w.	B	STD	NA	Stop on 1st Positive
HS-SV04-002	white mastic ↓	B	STD	NA	Stop on 1st Positive
HS-SV04-003	↓	B	STD	NA	Stop on 1st Positive
HS-VFT09-001	12x12 pink w. white streaks floor tile	B	STD	NA	Stop on 1st Positive
HS-VFT09-002	w. yellow mastic ↓	B	STD	NA	Stop on 1st Positive
HS-VFT09-003	↓	B	STD	NA	Stop on 1st Positive
HS-SO-001	~~Spray~~ Spray on fireproofing grey	B	STD	NA	Stop on 1st Positive
HS-SO-002	↓	B	STD	NA	Stop on 1st Positive

	PCM Air		Bulk					Rock & 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		8/29/24 16:00		
D – Dust	R – Rock				
SO – Soil	O – Other:				

CHAIN OF CUSTODY

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A TestAmerica Company

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * **(866) 871-1984**
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**

ASBESTOS

REQUESTED SE

003771739

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~~ AC 103Z9501001.003			**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:	8/29/24	**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
HS-SO-003	Spray on fire proofing grey	B	STD	NA	Stop on 1st Positive
HS-SVOS-001	cream sheet vinyl w. pebbles w	B	STD	NA	Stop on 1st Positive
HS-SVOS-002	yellow mastic	B	STD	NA	Stop on 1st Positive
HS-SVOS-003	↓	B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive

	PCM Air		Bulk					Hock & 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		8/29/24 16:00		
D – Dust	R – Rock				
SO – Soil	O – Other:				

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: 103Z9501003.003; Asbestos Survey
EML ID: 3764774

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

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: 103Z9501003.003; 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:	35
Total Samples Analyzed:	35
Total Samples with Layer Asbestos Content > 1%:	0

Location: MP-CB01-001, 3in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552461-1

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

Location: MP-CB01-002, 3in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552462-1

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

Location: MP-CB01-003, 3in dark blue cove base w. yellow mastic Lab ID-Version‡: 18552463-1

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

Location: MP-CT01-001, 2x4 white ceiling tile w. fissures + pin holes Lab ID-Version‡: 18552464-1

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	

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-CT01-002, 2x4 white ceiling tile w. fissures + pin holes Lab ID-Version‡: 18552465-1

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: MP-CT01-003, 2x4 white ceiling tile w. fissures + pin holes Lab ID-Version‡: 18552466-1

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: MP-CB02-001, 3in brown cove base w. white mastic Lab ID-Version‡: 18552467-1

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

Location: MP-CB02-002, 3in brown cove base w. white mastic Lab ID-Version‡: 18552468-1

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

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-CB02-003, 3in brown cove base w. white mastic Lab ID-Version‡: 18552469-1

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

Location: MP-CB03-001, 3in teal/green cove base w. yellow mastic Lab ID-Version‡: 18552470-1

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

Location: MP-CB03-002, 3in teal/green cove base w. yellow mastic Lab ID-Version‡: 18552471-1

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

Location: MP-CB03-003, 3in teal/green cove base w. yellow mastic Lab ID-Version‡: 18552472-1

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

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.
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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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-VFT01-001, 12x12 green w. white splotches w. yellow mastic Lab ID-Version‡: 18552473-1

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

Location: MP-VFT01-002, 12x12 green w. white splotches w. yellow mastic Lab ID-Version‡: 18552474-1

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

Location: MP-VFT01-003, 12x12 green w. white splotches w. yellow mastic Lab ID-Version‡: 18552475-1

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

Location: MP-VFT02-001, 12x12 pink w. brown specks floor tile w. yellow mastic Lab ID-Version‡: 18552476-1

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

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-VFT02-002, 12x12 pink w. brown specks floor tile w. yellow mastic

Lab ID-Version‡: 18552477-1

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

Location: MP-VFT02-003, 12x12 pink w. brown specks floor tile w. yellow mastic

Lab ID-Version‡: 18552478-1

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

Location: MP-CB04-001, 3 in tan cove base w. yellow mastic

Lab ID-Version‡: 18552479-1

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

Location: MP-CB04-002, 3 in tan cove base w. yellow mastic

Lab ID-Version‡: 18552480-1

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

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-CB04-003, 3 in tan cove base w. yellow mastic Lab ID-Version‡: 18552481-1

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

Location: MP-CT02-001, 2x2 white ceiling tile w. fissures + pinholes Lab ID-Version‡: 18552482-1

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: MP-CT02-002, 2x2 white ceiling tile w. fissures + pinholes Lab ID-Version‡: 18552483-1

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: MP-CT02-003, 2x2 white ceiling tile w. fissures + pinholes Lab ID-Version‡: 18552484-1

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	

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-VFT03-001, 12x12 cream floor tile w. grey sploches and yellow mastic

Lab ID-Version‡: 18552485-1

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

Location: MP-VFT03-002, 12x12 cream floor tile w. grey sploches and yellow mastic

Lab ID-Version‡: 18552486-1

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

Location: MP-VFT03-003, 12x12 cream floor tile w. grey sploches and yellow mastic

Lab ID-Version‡: 18552487-1

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

Location: MP-DWJC-001, white drywall joint compound

Lab ID-Version‡: 18552488-1

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	

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-DWJC-002, white drywall joint compound Lab ID-Version‡: 18552489-1

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	

Location: MP-DWJC-003, white drywall joint compound Lab ID-Version‡: 18552490-1

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

Location: MP-DWJC-004, white drywall joint compound Lab ID-Version‡: 18552491-1

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

Location: MP-DWJC-005, white drywall joint compound Lab ID-Version‡: 18552492-1

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	

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
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(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: MP-CM-001, yellow carpet mastic + white leveling compound Lab ID-Version‡: 18552493-1

Sample Layers	Asbestos Content	Method
Yellow Mastic	ND	Asbestos PLM
White Leveling Compound	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MP-CM-002, yellow carpet mastic + white leveling compound Lab ID-Version‡: 18552494-1

Sample Layers	Asbestos Content	Method
Yellow Mastic	ND	Asbestos PLM
White Leveling Compound	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

Location: MP-CM-003, yellow carpet mastic + white leveling compound Lab ID-Version‡: 18552495-1

Sample Layers	Asbestos Content	Method
Yellow Mastic	ND	Asbestos PLM
White Leveling Compound	ND	Asbestos PLM
Sample Composite Homogeneity:	Good	

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

ASBI

REQUESTE

003764774

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:	103Z9501003 .003 Hospital			**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:	8/28/24	**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
MP-CB01-001	3in dark blue cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive
MP-CB01-002	↓	B	STD	NA	Stop on 1st Positive
MP-CB01-003	[redacted] AC	B	STD	NA	Stop on 1st Positive
MP-CT01-001	2x4 white ceiling tile w. fissures + pin	B	STD	NA	Stop on 1st Positive
MP-CT01-002	holes ↓	B	STD	NA	Stop on 1st Positive
MP-CT01-003	↓	B	STD	NA	Stop on 1st Positive
MP-CB02-001	3in brown cove base w. white mastic	B	STD	NA	Stop on 1st Positive
MP-CB02-002	↓	B	STD	NA	Stop on 1st Positive
MP-CB02-003	↓	B	STD	NA	Stop on 1st Positive
MP-CB03-001	3in teal/green cove base w. yellow	B	STD	NA	Stop on 1st Positive
MP-CB03-002	mastic	B	STD	NA	Stop on 1st Positive

	PCM Air		PLM Bulk					PLM Rock & 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	[signature]	16:00 8/28/24	HN 8/29/24	9:40
B – Bulk	T – Tape				
D – Dust	R – Rock				
SO – Soil	O – Other:				

CHAIN OF CUSTODY

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

ASBI

REQUESTE

003764774

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:	103Z9501003 .003			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:	8/28/24	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
MP-CB03-003	3in teal/green cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X							
MP-VFT01-001	12x12 green w. white spotches w	B	STD	NA	Stop on 1st Positive			X							
MP-VFT01-002	yellow mastic ↓	B	STD	NA	Stop on 1st Positive			X							
MP-VFT01-003	↓	B	STD	NA	Stop on 1st Positive			X							
MP-VFT02-001	12x12 pink w. brown specks floor tile	B	STD	NA	Stop on 1st Positive			X							
MP-VFT02-002	w. yellow mastic ↓	B	STD	NA	Stop on 1st Positive			X							
MP-VFT02-003	↓	B	STD	NA	Stop on 1st Positive			X							
MP-CB04-001	3in tan cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive			X							
MP-CB04-002		B	STD	NA	Stop on 1st Positive			X							
MP-CB04-003		B	STD	NA	Stop on 1st Positive			X							
MP-CT02-001	2x2 white ceiling tile w. fissures & pin holes	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	1000 8/28/24		HJ 8/28/24	
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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003764774

REQUESTE

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:	103Z9501003 .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
MP-CT02-002	2x2 white ceiling tile w fissures &	B	STD	NA	Stop on 1st Positive
MP-CT02-003	pin holes ↓	B	STD	NA	Stop on 1st Positive
MP-VFT03-001	12x12 cream floor tile w. grey	B	STD	NA	Stop on 1st Positive
MP-VFT03-002	splotches and yellow mastic	B	STD	NA	Stop on 1st Positive
MP-VFT03-003	↓	B	STD	NA	Stop on 1st Positive
MP-DWJC-001	White drywall joint compound	B	STD	NA	Stop on 1st Positive
MP-DWJC-002	↓	B	STD	NA	Stop on 1st Positive
MP-DWJC-003		B	STD	NA	Stop on 1st Positive
MP-DWJC-004		B	STD	NA	Stop on 1st Positive
MP-DWJC-005		B	STD	NA	Stop on 1st Positive
MP-CM-001	Yellow carpet mastic + white leveling compound	B	STD	NA	Stop on 1st Positive

PCM Air		PLM Bulk					Rock & 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 16:00		8/29/24	
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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SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * **(866) 888-6653**

ASB... REQUEST...

003764774

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:	103Z9501003 .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	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	Other Requests	Other Requests
MP-CM-002	yellow carpet mastic + white leveling compound	B	STD	NA	Stop on 1st Positive			X									
MP-CM-003	↓	B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		B	STD	NA	Stop on 1st Positive			X									
		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	[signature]	8/28/24 16:00	[initials] 8/29/24	
B – Bulk	T – Tape				
D – Dust	R – Rock				
SO – Soil	O – Other:				

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: 103Z9501003.003; Asbestos Survey
EML ID: 3764784

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

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: 103Z9501003.003; 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:	15
Total Samples Analyzed:	13
Total Samples with Layer Asbestos Content > 1%:	1

Location: PD-CB01-001, 5in brown cove base w. yellow mastic Lab ID-Version‡: 18552519-1

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

Location: PD-CB01-002, 5in brown cove base w. yellow mastic Lab ID-Version‡: 18552520-1

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

Location: PD-CB01-003, 5in brown cove base w. yellow mastic Lab ID-Version‡: 18552521-1

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

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: PD-DWJC-001, white drywall joint compound Lab ID-Version‡: 18552522-1

Sample Layers	Asbestos Content	Method
Pink Drywall with Brown Paper	ND	Asbestos PLM
White Joint Compound	2% Chrysotile	Asbestos PLM
Composite Asbestos Fibrous Content:	< 1% Asbestos	
Composite Non-Asbestos Content:	10% Cellulose	
Sample Composite Homogeneity:	Good	

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines. Samples PD-DWJC-002 and 003 were not analyzed due to prior positive series.

Location: PD-CT01-001, 2x4 ceiling tile white w. fissures + pinholes Lab ID-Version‡: 18552525-1

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: PD-CT01-002, 2x4 ceiling tile white w. fissures + pinholes Lab ID-Version‡: 18552526-1

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: PD-CT01-003, 2x4 ceiling tile white w. fissures + pinholes Lab ID-Version‡: 18552527-1

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	

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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(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: PD-CB02-001, 5 in olive green cove base w. brown mastic Lab ID-Version‡: 18552528-1

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

Location: PD-CB02-002, 5 in olive green cove base w. brown mastic Lab ID-Version‡: 18552529-1

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

Location: PD-CB02-003, 5 in olive green cove base w. brown mastic Lab ID-Version‡: 18552530-1

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

Location: PD-CB03-001, 3 in tan cove base w. tan mastic Lab ID-Version‡: 18552531-1

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

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: 103Z9501003.003; Asbestos Survey

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

ASBESTOS COMBO REPORT

Location: PD-CB03-002, 3 in tan cove base w. tan mastic Lab ID-Version‡: 18552532-1

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

Location: PD-CB03-003, 3 in tan cove base w. tan mastic Lab ID-Version‡: 18552533-1

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

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
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(866) 871-1984 www.eurofinsus.com/Built

Client: Tetra Tech-KCMO
C/O: Mr. Jeffrey Mitchell
Re: 103Z9501003.003; 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:	15
Total Samples Analyzed:	13
Total Samples Not Analyzed:	2

PD-DWJC-002, white drywall joint compound Lab ID-Version‡: 18552523-0

NOT ANALYZED	**POSITIVE STOP**

PD-DWJC-003, white drywall joint compound Lab ID-Version‡: 18552524-0

NOT ANALYZED	**POSITIVE STOP**

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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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:	103Z9501003 .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.

ASBESTOS ANALYSIS

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003764784

Sample ID	Description	Sample Type	TAT (Above)	Total Volume (Air Samples only)	Notes	Fiber Count (NIOSH 7400)	OSHA with TWA	PCM Air	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	Other Requests	
~~MC-CM-002~~	~~Yellow carpet mastic & wood flooring compound~~	B	STD	NA	Stop on 1st Positive				X									
~~MC-CM-003~~		B	STD	NA	Stop on 1st Positive				X									
PD-CBO1-001	Sin brown cove base w. yellow mastic	B	STD	NA	Stop on 1st Positive				X									
PD-CBO1-002	↓	B	STD	NA	Stop on 1st Positive				X									
PD-CBO1-003	↓	B	STD	NA	Stop on 1st Positive				X									
PD-DWJC-001	white drywall joint compound	B	STD	NA	Stop on 1st Positive				X									
PD-DWJC-002	↓	B	STD	NA	Stop on 1st Positive				X									
PD-DWJC-003	↓	B	STD	NA	Stop on 1st Positive				X									
~~PD-DWJC-004~~ AC		B	STD	NA	Stop on 1st Positive				X									
PD-CTO1-001	2x4 ceiling tile white w. fissures + pin holes	B	STD	NA	Stop on 1st Positive				X									
PD-CTO1-002	↓	B	STD	NA	Stop on 1st Positive				X									

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
A – Air	W – Wipe	[signature]	8/28/24 16:00	HN [signature]	:48
B – Bulk	T – Tape				
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:	103Z9501003 .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
PD-C701-003	2x4 ceiling tile white w fissures & pin holes	B	STD	NA	Stop on 1st Positive
PD-CB02-001	5in olive green cove base w. brown mastic	B	STD	NA	Stop on 1st Positive
PD-CB02-002	↓	B	STD	NA	Stop on 1st Positive
PD-CB02-003	↓	B	STD	NA	Stop on 1st Positive
PD-CB03-001	3in tan cove base w. tan mastic	B	STD	NA	Stop on 1st Positive
PD-CB03-002		B	STD	NA	Stop on 1st Positive
PD-CB03-003		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive
		B	STD	NA	Stop on 1st Positive

ASBESTOS ANALYSIS

REQUE

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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	Other Requests	
			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
	8/28/24 16:00		