

Phase II Environmental Site Assessment Report

Madison Apartments: 1109 6th Avenue N

Great Falls, Cascade County, Montana



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PREPARED FOR

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1.0 INTRODUCTION

Montana Department of Environmental Quality (DEQ) tasked Tetra Tech, Inc. (Tetra Tech) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 1109 6th Ave N, Great Falls, Montana (Site). A Phase I ESA was completed in December 2022 that identified Recognized Environmental Conditions (REC) that required additional evaluation. In response, the property owner requested a Phase II ESA through DEQ to complete an evaluation of RECs associated with the site. To facilitate redevelopment, the report provides investigation results of asbestos, lead based paint, hazardous material inventory, air sampling, and radiological assessment.

1.1 SITE DESCRIPTION AND BACKGROUND

The Subject Property is identified as the Madison Apartments building located at 1109 6th Avenue N in Great Falls. The approximately 1.3-acre property is occupied by a six-story brick façade structure. The building was initially developed in 1898 as the Deaconess Hospital. The site has a history as a hospital, in approximately 1965 the building was used as an assisted living facility and in 2021 the property was acquired by Madison Apartments after having been vacant for 5 years. On the northwest side of the property there is a fenced cooling tower. The site was reconstructed at the latest in 1929 and renovated multiple times. These renovations are cause for potential concern for asbestos containing material (ACM) and lead-based paint (LBP) having been incorporated into building materials at the site. In the 1980's the west wing of the property was demolished and appears to be currently used as a covered parking structure. The site has historical record of a coal furnace in the basement. This furnace has been decommissioned and has been replaced by a natural gas furnace, however, the coal furnace is still on site in the basement and metals and radioactivity may be associated with long term use. Additionally, during operation as a hospital, onsite laundry service was provided to employees and patients. The laundry service operated during the period when solvent use was common in cleaning. The Madison Apartment building is in a residential area composed of single-family housing. Adjacent to the south of the property is a senior assisted living facility.

1.2 SCOPE OF WORK

Tetra Tech conducted a Phase II ESA of the Site that included the following activities from March 21, 2023 through March 29, 2023:

- A hazardous materials survey that included sampling of suspected asbestos containing building materials and screening for lead-based paint.
- Indoor air sampling and soil vapor sampling for analyses of volatile organic compounds.
- A radiological assessment of the coal furnace.
- A visual surveillance for equipment potentially containing PCB, (as bulk product waste) and mercury.

Tetra Tech's Project Manager for the survey was Brandon Kingsbury. The field team lead was Jimi Gordon. Jimi Gordon, a licensed asbestos inspector, and Morgan Thomas as licensed lead inspector conducted the hazardous building materials survey and air sampling.

Tetra Tech prepared this report in accordance with generally accepted industry practices and procedures in accordance with the ASTM standard for Phase II ESAs, ASTM 1903-19. 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. Montana Department of Environmental Quality, Madison Apartments, it's associated realtors, and lenders are the anticipated users of this document. Section 2.0 specifies assumptions and deviations regarding the sampling, screening, and survey at the site. Prior to any renovations or demolition of the site building, further survey work may be necessary to comply with all local, state, and federal requirements regulating ACM, LBP, PCB), or mercury-containing switches.

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, the findings, conclusions, or recommendations is at the risk of said user. This survey report does not warrant against future operations or conditions that may not be consistent with its recommendations. Moreover, because of some limitations on access during the survey, completion of the assessment does not guarantee identification of all ACM. Hazardous materials may be present in voids of walls, ceilings, or other concealed areas.

Section 2.0 specifies field and analytical protocols and conveys assumptions and deviations, Section 3.0 presents analytical results, Section 4.0 describes observations and presents conclusions, Section 4.3 identifies data gaps as readily drawn from the available data, Section 5.0 offers recommendations, and Section 6.0 lists sources referenced during development of this report. Appendix A provides figures of the site; photographs are in Appendix B. Inspector certifications are in Appendix C. Appendices D and E present laboratory reports and the Quality Control (QC) review of the data. Appendix F presents field notes and sampling logs.

2.0 SAMPLING

Tetra Tech sampled for ACM, LBP, air, radiation, and conducted a hazardous materials inventory at the Site between March 21 and March 29, 2023.

2.1 HAZARDOUS MATERIAL SURVEY

The hazardous materials survey portion of the Phase II included an assessment of asbestos and lead based paint. Asbestos was evaluated in the former hospital building in all accessible homogenous areas. All painted surfaces were evaluated for the presence of lead-based paint. During the asbestos and lead based paint assessment, an inspection of lights, switches, and cold storage areas was conducted. Small containers of hazardous materials, inventories of Universal Hazardous Wastes, seven discarded refrigerators, along with four walk-in industrial freezers/coolers, and PCB Bulk Product Wastes were noted during the Phase II. With exception to the industrial freezers/coolers, these inventories were considered *de minimis* in nature. Fluorescent light ballasts and thermostat switches are considered toxic or hazardous based on the likelihood of each containing PCBs and mercury, respectively, based on the age of construction.

2.1.1 ACM SAMPLING

The purpose of the asbestos prerenovation survey was to evaluate the subject property buildings for presence, quantity, locations, and characterization of ACM that may require abatement prior to any redevelopment activities requiring major renovation, in accordance with National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations as adopted by U.S. Environmental Protection Agency (EPA) and Montana DEQ Asbestos assessment requirements in accordance with Administrative Rules of Montana (ARM) title 17.74 subchapter 3. The intent of the asbestos NESHAP and DEQ 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 [ATSDR] 2016). The survey accorded with the industry standard of practice for hazardous materials surveys. Collection of samples of suspected ACM accorded with NESHAP regulations as adopted by EPA and rules promulgated by DEQ. Figures 1A through 1H in Appendix A shows sampling locations for suspected ACM.

2.1.1.1 FIELD SURVEY AND ANALYTICAL PROTOCOLS

Tetra Tech made every effort to inspect all areas of the Site's building surveyed as part of this assessment—the structure identified as The Madison Apartments located at 1109 6th Ave N in Great Falls, Montana. The building was vacant, which facilitated access to surficial building materials. Minor demolition of materials (destructive sampling) was required during the survey effort. Collection of suspect ACM samples accorded with NESHAP as adopted by EPA and Asbestos Hazard and Emergency Response Act of 1986 (AHERA) protocols. AHERA defines ACM as any material or product that contains more than 1 percent (1.0%) asbestos. Suspected ACMs were grouped in homogeneous areas if the material was similar in appearance and texture; however, if the inspector decided a material (for example, wall texturing) was not similar in

appearance and texture to other materials in the Site building, the inspector distinguished the material as unique and collected samples of each unique material accordingly.

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

The bulk samples of suspected ACM remained in the inspector's custody until sent to the laboratory. Upon completion of sampling activities, the samples were sent with Tetra Tech's chain-of-custody documentation to Eurofins EPK Built Environmental Testing, LLC for analysis per EPA Method 600/R93/116, via polarized light microscopy (PLM). Eurofins is a National Voluntary Laboratory Accreditation Program (NVLAP)-certified laboratory. Section 3.1 of this report summarizes ACM analytical results. Asbestos sample locations are shown in Figures 1A through 1H in Appendix A. Appendix D presents ACM analytical results, chain-of-custody forms for the bulk samples, and the data validation report.

2.1.1.2 ASSUMPTIONS AND DEVIATIONS

Tetra Tech inspected the entire interior and select areas of the subject property building's exterior, which were determined during conversation with the client and DEQ on March 24, 2023. These areas were inspected for suspected ACM. Additional suspect materials may be present but not detected in walls, voids, or other concealed areas not apparent to the inspector. Materials assumed to be asbestos containing by Tetra Tech include:

- Forty-three fire-rated doors located throughout the building.
- Fibrous gaskets located on elevator equipment, boilers, chillers, and associated flanged piping in the basement, pipe chases, and other inaccessible areas.
- Electrical wiring encased in fibrous sheathing, along with transite paneling in multiple electrical and fuse boxes, which, due to unknown electrical status, posed a safety risk to sample.

Areas inaccessible to Tetra Tech within the building include pipe chases and the associated pipe tunnels, elevators and elevator shafts throughout the building, the pipe chase closet on the 1st and 3rd floors, and the women's bathroom on the first floor. ACM data deviations include:

- Sample MA-RS-01-C, a positively asbestos containing brown/black paper layer where all roofing paper on the eaves of the 6th floor roof appeared to be homogenous, having the same color and texture, and displaying no visible evidence of repair or replacement. Two other roofing system samples from the same area had brown/black paper layers that were non-detect for asbestos. Inconsistency in analytical results may require additional sampling of this homogenous area or the entire homogenous area should be treated as ACM.

- Sample MA-SF-19-C, positively asbestos containing beige sheet flooring with fibrous backing with brown mastic was an additional layer discontinuous and not present in any of the five other non-detect sheet flooring samples taken in the same area. Further investigation of this area may reveal additional square footage requiring treatment as ACM.
- Sample MA-TSI-01-A, a non-detect brown insulation where all insulation on the pipe throughout the chase on all floors appeared to be homogenous, having the same color and texture with the same age/color banding and displaying no visible evidence of repair or replacement. Four other samples from the same pipe chase on separate floors were positively asbestos containing. This may have been a manufacturing flaw in the insulation, however, inconsistency in analytical results may require additional sampling of this homogenous area or the entire homogenous area should be treated as ACM.

2.1.2 LBP SAMPLING

Tetra Tech screened for presence, quantity, and locations of LBP exceeding lead hazard levels, which would require Occupational Safety and Health Administration (OSHA) worker safety precautions during development activities. The assessed subject property was constructed in the 1890s with subsequent renovations leading up to the present. LBP likely was used in the build-out of the structure during one or more renovations. The LBP survey 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). Tetra Tech screened interior and exterior paint-covered surfaces using an X-ray fluorescence (XRF) spectrometer for identification of LBP greater than 1.0 milligram per square centimeter (mg/cm²) to be used to inform decisions related to repair and renovation, as well as to prevent exposure of workers and patrons.

2.1.2.1 Field Survey and Analytical Protocols

Tetra Tech made every effort to inspect all areas of the Site's building surveyed as part of this assessment—the structure identified as The Madison Apartments located at 1109 6th Ave N in Great Falls, Montana. HUD guidelines (2012) suggest that paint applied before 1978 have a high likelihood of containing lead and paint applied thereafter may also contain lead depending on its source and intended purpose.

An XRF screening of suspected exterior and interior LBP proceeded according to protocols similar to the single-family housing inspection procedures in the HUD guidelines (HUD 2012). To perform the LBP screening, Tetra Tech used a Viken Pb200i, which is an XRF spectrum analyzing system for quantitative measurement of lead in paint on various substrates. Tetra Tech performed XRF screening of suspect painted surfaces that could be impacted during repair, renovation, or demolition activities.

Tetra Tech 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 mg/cm². Paint containing greater than or equal to 1.0 mg/cm² lead by XRF testing or 1.0 mg/cm² lead by laboratory analysis is considered LBP.

Tetra Tech conducted XRF calibration checks on the Viken Pb200i spectrometer according to ThermoScientific's recommended protocol and the HUD guidelines (HUD 2012). These quality control (QC) readings were used to monitor performance of the XRF. Calibration-check readings were taken at the beginning and end of operation from a Standard Reference Material paint film developed by the National Institute of Standards and Technology (NIST). Table 2 of this report summarizes results from XRF screening of samples of painted surfaces collected at the Site. Positive sample locations are shown on Figures 2A through 2G in Appendix A.

2.1.2.2 Assumptions and Deviations

Tetra Tech screened the entire interior and exterior of the Site building for suspected LBP, with the exception of portions of the roof that were in good condition and not proposed for renovation. Additional suspect painted materials may be present but were not detected in walls, voids, or other concealed areas.

2.1.3 HAZARDOUS MATERIALS SURVEY: PCBs, MERCURY, FREON, MISCELLANEOUS CONTAINERS.

Tetra Tech screened for the presence, quantity, and locations of PCB's, mercury, and Freon hazards, which would require OSHA worker safety precautions during development activities. The assessed subject property was constructed in the 1890s with subsequent renovations leading up to the present. PCB containing light ballasts and mercury containing thermostats were used in the build-out of the structure during one or more renovations. Additionally, several refrigerators were identified, containing freon. The presence of these hazardous materials is documented, and the locations are shown on Figure 5 (Appendix A) and the Photolog (Appendix B).

2.1.3.1 Field Survey and Analytical Protocols

Tetra Tech inspected light fixtures for PCB containing light ballasts. Inspection protocol included removing ballast covers and examining ballast labels for date of manufacture and PCB labeling. Any ballasts with dates labeled 1979 or earlier without labeling were considered to contain PCBs. Any ballasts with labeling that did not indicate "No PCBs" were considered to contain PCBs. Ballasts dated newer than 1979 with the labeling "No PCBs" were considered PCB free. Any unlabeled ballasts were assumed positive for PCBs.

Thermostats were inspected throughout the building for the presence of mercury. Any thermostats containing mercury were noted in the field log and the location of each mercury-containing thermostat was noted in the site map and figures located in Appendix A.

Tetra Tech noted the presence and location of any refrigerators, freezers, or other cold storage as freon containing appliances.

An assortment of miscellaneous containers of various substances were noted if encountered throughout the hospital. If labeling was provided Tetra Tech took note of the indicated contents and compared labeling with readily observable contents. Due to safety concerns, Tetra Tech did not attempt to open any closed containers to verify contents to determine labeling accuracy.

2.1.3.2 Assumptions and Deviations

Although Tetra Tech dismantled all variations in make and model of light fixture to inspect for PCBs, most light fixtures were left intact and assumed to be either PCB positive or negative based on initial observation of the dismantled unit.

Tetra Tech dismantled two different types of Honeywell thermostat in confirm the presence of mercury. All subsequent thermostats were assumed to be mercury positive.

All refrigerators, freezers, and cold storage units were assumed to be freon containing appliances.

Due to safety concerns, Tetra Tech did not attempt to open any closed containers to verify contents to determine labeling accuracy. Tetra Tech assumed contents to accord with the product label, if present.

2.2 SUB SLAB AND INDOOR AIR/AMBIENT AIR SAMPLING

One ambient air, seven indoor air, and four sub slab vapor samples were collected at the Madison Apartments between March 23 and 24, 2023. All samples were collected via 6 liter individually certified summa cannisters. Sub-slab samples MA-SV-01, MA-SV-03, and MA-SV-04 were collected beneath the concrete slab in the former hospital basement. Indoor air samples MA-IAQ-01, MA-IAQ-02, MA-IAQ-03, MA-IAQ-04, MA-IAQ-05, MA-IAQ-05-Dupe, and MA-IAQ-06 were collected within the breathable spaces in the basement and first floor of the former hospital. Ambient air sample MA-AA-01 was collected on the roof of the fifth floor to establish background levels of contaminants of potential concern. Air results are summarized in Table 3 and laboratory analytical results are provided in Appendix F.

2.2.1 Field Survey and Analytical Protocols

Ambient and indoor air samples were collected from 3- to 5-feet above floor interval to account for the most representative breathable air space, and in accordance with the Montana Vapor Intrusion Guide (DEQ 2021b). Twenty-four-hour time weighted samples were obtained from all indoor air locations and the ambient outdoor location to account for both residential and commercial use of the structure. Sub-slab samples were collected via the same sampling media and followed applicable guidelines for sample collection, as specified in the DEQ Vapor Intrusion guidance document. Following the 24-hour sample period, final cannister pressures were recorded upon closure of the flow controllers. All cannisters were closed prior to reaching 0 inches mercury (inHg). Final cannister pressures ranged from -2 to -6 inHg. Cannisters were submitted to ALS Laboratory for analysis by method Toxic Organics 15 (TO-15) and Air Phase Hydrocarbons (APH).

2.2.2 Assumptions and Deviations

The canister for MA-SV-02 had developed a leak, due to this leak it had an initial pressure of 0 inHg and a sampling with this canister was not able to be performed. Additionally, due to numerous sumps and piping penetrations into the concrete slab, sub-slab sampling locations were biased towards areas of the basement with greatest slab continuity to ensure representativeness of sub-slab conditions.

2.3 RADIOLOGICAL SURVEY

Tetra Tech screened the former coal furnace for the presence of radioactivity associated with long term coal burning activities. Depending on the source of coal, Naturally Occurring Radioactive Materials (NORM) can be present and varying quantities of the radioactive isotope varieties thorium, uranium, radium, and potassium can be present. These isotopes emit a spectrum of alpha, beta, and gamma emissions (ionizing radiation), with the bulk of emissions occurring in the alpha to beta range.

2.3.1 Field Survey and Analytical Protocols

Tetra Tech utilized a Ludlum 2241 model Geiger counter with a 44-9 probe and cesium 137 (Cs^{137}) sensitivity to screen the open-air interior and exterior of the coal furnace to obtain total counts per minute of ionizing radiation. Counts per minute were converted to rems per calendar quarter to provide a comparison to state benchmarks pursuant to State of Montana radiation control standards provided through ARM 37.14.700.

2.3.2 Assumptions and Deviations

Based on the Ludlum 2241 model Geiger counter and the unit's associated Cs^{137} sensitivity, Tetra Tech assumed a conversion of 1,200 counts per minute per millirem/hour to determine total levels of ionizing radiation. Additionally, total counts of ionizing radiation are assumed to be a mixture of alpha, beta, and gamma emissions.

3.0 FINDINGS AND RESULTS

Based on results of data verification, all data are anticipated to be usable for this report.

3.1 ACM RESULTS

Analytical reports in Appendix D present analytical results from PLM tests on samples of suspected ACM collected from the Site building. ACM test results are summarized in Table 1. Quantities of each asbestos-positive homogenous area are tabulated either in linear feet (LF) or square feet (SF) depending on the type of associated material.

Review of ACM data shows ACM was found prevalent in the black mastic and floor tiles on the first floor, the insulation within the pipe chases on all floors, the white joint compound on the first floor, and in roofing tiles.

3.2 LEAD BASED PAINT RESULTS

Tables 2A through 2G summarize LBP screening results for measurements completed for the building's roof, basement, stairwells, and six floors. Analytical reports in Appendix E present LBP analytical results and chain-of-custody forms.

Review of the LBP data showed levels between 0 mg/cm² and 28 mg/cm². Review of LBP data shows LBP is prevalent on the exterior of the small building on the roof. All the metal window frames were positive for LBP, there is a possibility that the frames themselves were lead, in this scenario it would be recommended that the windows be entirely replaced with non-lead containing materials. On the fifth floor the bathroom in the blue room next to the kitchen, had tile that is positive for lead, however the paint itself is not positive for lead (Figure 2F). Through random sampling of the bedrooms, rooms 505, 120, and 119 are positive for LBP. Several rooms on the first floor are also positive for LBP, these include the storage room, cooler one, and the workshop. The first-floor locations are depicted in figure 2B. Door jambs and window jambs throughout the building exhibited a higher tendency to contain lead than other surfaces.

3.3 HAZARDOUS MATERIALS SURVEY RESULTS

Upon inspection of the site Tetra Tech noted the location of all PCB containing light ballasts and mercury containing thermostats. Locations of light ballasts and thermostats are provided in figures 2A through 2G. Tetra Tech also notes the following miscellaneous hazardous waste streams:

Freon containing appliances included seven refrigerators scattered throughout the building and situated near kitchen areas or common spaces. Four industrial coolers were noted on the first floor and cafeteria area.

Labelled containers included the following:

- Three- five-gallon buckets labelled Phillips 66, 30-weight grease.

- Six- three-gallon containers labelled CST-20 (Closed Recirculating System Treatment) with sodium hydroxide.
- One quart container of refrigerant/lubricant labeled RL-32-3MAF.
- One opened five-gallon bucket with an unknown petroleum product and submerged fuse.

Unlabeled containers included the following:

- One 10-gallon day tank associated with the diesel generator, containing approximately 1 inch of product.
- Two blue two-gallon polyethylene totes with unknown contents.
- Four buckets and two trashcans containing a mixture of gravel and road salt.

3.4 AIR SAMPLING RESULTS

Analytical reports in Appendix F present analytical results from indoor air samples and sub slab samples, chain-of-custody forms, and data validation forms. Future use of the building is residential: therefore, analytical results were compared to DEQ and EPA RSLs for residential air. Based on the DEQ Vapor Intrusion Guide (DEQ 2021b) all screening levels were obtained based on a target excess cancer risk level of one per one million (10^{-6}) and a target hazard quotient of 0.01. Analytical results were also compared to DEQ Adjusted Residential Indoor Air Screening levels reflecting a target excess cancer risk level of one per one hundred thousand (10^{-5}) and a target hazard quotient of 1.0 for non-carcinogens using DEQ's Air-phase Hydrocarbons VI Screening Level Calculator. (DEQ 2014)

Analytical results for sub-slab, indoor air, and outdoor ambient air collected on the Site are summarized in Table 3. A bold red result indicates detection above the EPA residential Regional Screening Level (RSL) (EPA 2022). A bold orange result indicates detection above the DEQ adjusted residential RSL. Sample locations appear in figures 1A and 1B.

Review of the sub-slab air sampling data indicates the following exceedances:

- Sub-slab sample point MA-SV-01 exceeds the adjusted DEQ residential screening level for C9-C12 aliphatics, C9-C10 aromatics, 1,3 Butadiene, Benzene, ethylbenzene, and naphthalene.
- Sub-slab sample point MA-SV-01 exceeds the EPA residential screening level for acrolein, chloroform, 1,3,5 trimethylbenzene, and 1,2,4 trimethylbenzene.
- Sub-slab sample point MA-SV-03 exceeds the adjusted DEQ residential screening level for C5-C8 aliphatics, C9-C12 aliphatics, 1,3 butadiene, benzene, ethylbenzene, and naphthalene.
- Sub-slab sample point MA-SV-03 exceeds the EPA residential screening level for acrolein, chloroform, 1,2 dichloroethane, and trichloroethene.

- Sub-slab sample point MA-SV-04 exceeds the adjusted DEQ screening levels for C5-C8 aliphatics, C9-C12 aliphatics, 1,3-Butadiene, benzene, ethylbenzene, and naphthalene.
- Sub-slab sample point MA-SV-04 exceeds the EPA residential screening levels for acrolein, chloroform, and 1,2 dichloroethane.

Review of the indoor air sampling data indicates the following results:

- Indoor air sample MA-IAQ-01 did not exceed adjusted DEQ residential screening levels.
- Indoor air sample MA-IAQ-01 exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-02 did not exceed adjusted DEQ residential screening levels.
- Indoor air sample MA-IAQ-02 exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-03 did not exceed adjusted DEQ residential screening levels.
- Indoor air sample MA-IAQ-03 exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-04 did not exceed adjusted DEQ residential screening levels.
- Indoor air sample MA-IAQ-04 exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-05 exceeds the adjusted DEQ residential screening level for C9-C12 aliphatics.
- Indoor air sample MA-IAQ-05 exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-05-DUPE exceeds the adjusted DEQ residential screening level for C9-C12 aliphatics.
- Indoor air sample MA-IAQ-05-DUPE exceeds the EPA residential screening level for acrolein.
- Indoor air sample MA-IAQ-06 did not exceed adjusted DEQ residential screening levels.
- Indoor air sample MA-IAQ-06 exceeds the EPA residential screening level for acrolein.

Review of the outdoor air sampling data provides the following results:

- Outdoor ambient air sample MA-IAQ-06 did not exceed adjusted DEQ residential screening levels.
- Outdoor ambient air sample MA-IAQ-06 exceeds the EPA residential screening level for acrolein.

3.5 RADIOLOGICAL SURVEY RESULTS

Tetra Tech completed a scan of the historical coal furnace for traces of ionizing radiation associated with former coal burning activities. The scan included open-air readings of the interior and exterior of the furnace using the Ludlum model 2241-2 geiger counter with 44-9 pancake probe receiver. Six exterior readings were obtained, two readings on each of the north (North 1 W and North 2 E) and south sides (South 1 W and South 2 E) of furnace, and one reading at the east and west ends of the furnace. Four interior readings were obtained at each of the four corners of the coal burning area with the sample nomenclature NW Corner, NE Corner, SW Corner, and SE Corner. Although small quantities of coal ash were present, the volume of remnant coal ash was insufficient to obtain lab analytical samples. Radiological results are presented in Table 4.

Table 1: Summary of Analytical Results from Suspected Asbestos-Containing Materials

Map ID	Sample ID	Material Description	Material Locations	Analytical Result (% asbestos*)	Quantity
1	MA-CPT-01-A	Multicolored Carpet	Main Halls Floors 1, 4, 5	ND	NA
	MA-CPT-01-A	Yellow Mastic		ND	NA
2	MA-CPT-01-B	Multicolored Carpet		ND	NA
	MA-CPT-01-B	Yellow Mastic		ND	NA
3	MA-CPT-01-C	Multicolored Carpet		ND	NA
	MA-CPT-01-C	Yellow Mastic		ND	NA
	MA-CPT-01-C	Gray Cementitious Material		ND	NA
4	MA-CPT-01-D	Multicolored Carpet		ND	NA
	MA-CPT-01-D	Yellow Mastic		ND	NA
	MA-CPT-01-D	White Leveling Compound		ND	NA
5	MA-CPT-01-E	Multicolored Carpet		ND	NA
	MA-CPT-01-E	Yellow Mastic		ND	NA
	MA-CPT-01-E	Gray Cementitious Material		ND	NA
6	MA-CPT-01-F	Multicolored Carpet		ND	NA
	MA-CPT-01-F	Yellow Mastic		ND	NA
	MA-CPT-01-F	Gray Cementitious Material		ND	NA
	MA-CPT-01-F	White Leveling Compound		ND	NA
7	MA-CPT-01-G	Multicolored Carpet		ND	NA
	MA-CPT-01-G	Yellow Mastic		ND	NA
	MA-CPT-01-G	Gray Cementitious Material		ND	NA
	MA-CPT-01-G	White Leveling Compound	ND	NA	
8	MA-CPT-02-A	Multicolored Carpet	Bedrooms throughout Building	ND	NA
	MA-CPT-02-A	Yellow Mastic		ND	NA
9	MA-CPT-02-B	Multicolored Carpet		ND	NA
	MA-CPT-02-B	Yellow Mastic with Paint		ND	NA

10	MA-CPT-02-C	Multicolored Carpet		ND	NA	
	MA-CPT-02-C	Yellow Mastic		ND	NA	
11	MA-CPT-02-D	Multicolored Carpet		ND	NA	
	MA-CPT-02-D	Yellow Mastic		ND	NA	
12	MA-CPT-02-E	Multicolored Carpet		ND	NA	
	MA-CPT-02-E	Yellow Mastic		ND	NA	
13	MA-CPT-02-F	Multicolored Carpet		ND	NA	
	MA-CPT-02-F	Yellow Mastic		ND	NA	
14	MA-CPT-02-G	Multicolored Carpet		ND	NA	
	MA-CPT-02-G	Yellow Mastic		ND	NA	
15	MA-CPT-03-A	Beige Carpet		Bedrooms Floors 1-4, 6	ND	NA
	MA-CPT-03-A	Yellow Mastic with Paint			ND	NA
16	MA-CPT-03-B	Beige Carpet			ND	NA
	MA-CPT-03-B	Yellow Mastic with Paint			ND	NA
	MA-CPT-03-B	Brown Peper	ND		NA	
17	MA-CPT-03-C	Beige Carpet	ND		NA	
	MA-CPT-03-C	Yellow Mastic with Paint	ND		NA	
	MA-CPT-03-C	White Leveling Compound	ND		NA	
18	MA-CPT-03-D	Beige Carpet	ND		NA	
	MA-CPT-03-D	Yellow Mastic with Paint	ND		NA	
19	MA-CPT-03-E	Beige Carpet	ND		NA	
	MA-CPT-03-E	Yellow Mastic with Paint	ND		NA	
20	MA-CPT-03-F	Beige Carpet	ND		NA	
	MA-CPT-03-F	Yellow Carpet	ND		NA	
21	MA-CPT-03-G	Beige Carpet	ND		NA	
	MA-CPT-03-G	Yellow Mastic	ND		NA	
22	MA-CPT-04-A	Multicolored Carpet	Floor 1		ND	NA
	MA-CPT-04-A	Yellow Mastic with Black Mastic			2% Chrysotile	500 sqft*
23	MA-CPT-04-B	Multicolored Carpet		ND	NA	
24	MA-CPT-04-C	Multicolored Carpet		ND	NA	

25	MA-CPT-04-D	Multicolored Carpet	Floor 1	ND	NA	
26	MA-CPT-04-E	Multicolored Carpet		ND	NA	
27	MA-CPT-05-A	Orange Carpet		ND	NA	
	MA-CPT-05-A	Yellow Mastic (Trace)		ND	NA	
28	MA-CPT-05-B	Orange Carpet		ND	NA	
	MA-CPT-05-B	Yellow Mastic (Trace)		ND	NA	
29	MA-CPT-05-C	Orange Carpet		ND	NA	
	MA-CPT-05-C	Yellow Mastic (Trace)		ND	NA	
30	MA-CPT-06-A	Multicolored Carpet		Floor 1 Foyer	ND	NA
	MA-CPT-06-A	Yellow Mastic			ND	NA
31	MA-CPT-06-B	Multicolored Carpet	ND		NA	
	MA-CPT-06-B	Yellow Mastic	ND		NA	
32	MA-CPT-06-C	Multicolored Carpet	ND		NA	
	MA-CPT-06-C	Yellow Mastic	ND		NA	
33	MA-CPT-07-A	Beige Carpet	Room 221	ND	NA	
	MA-CPT-07-A	Yellow Mastic		ND	NA	
34	MA-CPT-07-B	Beige Carpet		ND	NA	
	MA-CPT-07-B	Yellow Mastic		ND	NA	
35	MA-CPT-07-C	Beige Carpet		ND	NA	
	MA-CPT-07-C	Yellow Mastic		ND	NA	
36	MA-CPT-08-A	Multicolored Carpet	Room 237	ND	NA	
	MA-CPT-08-A	Yellow Mastic		ND	NA	
37	MA-CPT-08-B	Multicolored Carpet		ND	NA	
	MA-CPT-08-B	Yellow Mastic		ND	NA	
38	MA-CPT-08-C	Multicolored Carpet		ND	NA	
	MA-CPT-08-C	Yellow Mastic		ND	NA	
39	MA-CPT-09-A	Gray Carpet	Floor 3 Open Area	ND	NA	
	MA-CPT-09-A	Yellow Mastic		ND	NA	
40	MA-CPT-09-B	Gray Carpet		ND	NA	
	MA-CPT-09-B	Yellow Mastic		ND	NA	

41	MA-CPT-09-C	Gray Carpet	Room 323 an Floor 6 SE	ND	NA	
	MA-CPT-09-C	Yellow Mastic		ND	NA	
42	MA-CPT-10-A	Gray Carpet		ND	NA	
	MA-CPT-10-A	Yellow Adhesive (Trace)		ND	NA	
43	MA-CPT-10-B	Gray Carpet		ND	NA	
	MA-CPT-10-B	Yellow Adhesive (Trace)		ND	NA	
44	MA-CPT-10-C	Gray Carpet		ND	NA	
	MA-CPT-10-C	Yellow Adhesive (Trace)		ND	NA	
45	MA-CPT-11-A	Gray Carpet		Some Bedrooms Floor 4	ND	NA
	MA-CPT-11-A	Yellow Adhesive (Trace)			ND	NA
46	MA-CPT-11-B	Gray Carpet			ND	NA
	MA-CPT-11-B	Yellow Adhesive (Trace)			ND	NA
47	MA-CPT-11-C	Gray Carpet	ND		NA	
	MA-CPT-11-C	Yellow Adhesive (Trace)	ND		NA	
48	MA-CPT-12-A	Gray Carpet	Room 503	ND	NA	
	MA-CPT-12-A	Yellow Mastic		ND	NA	
	MA-CPT-12-A	White Leveling Compound		ND	NA	
49	MA-CPT-12-B	Gray Carpet		ND	NA	
	MA-CPT-12-B	Yellow Mastic		ND	NA	
50	MA-CPT-12-C	Gray Carpet		ND	NA	
	MA-CPT-12-C	Yellow Mastic		ND	NA	
51	MA-CPT-13-A	Multicolored Carpet		Floor 5 Blue Rooms	ND	NA
	MA-CPT-13-A	Black Mastic			1% Chrysotile	325 sqft*
	MA-CPT-13-A	Yellow Mastic	ND		NA	
	MA-CPT-13-A	White Leveling Compound with Grey Cementitious Material	ND		NA	
52	MA-CPT-13-B	Multicolored Carpet	ND		NA	
	MA-CPT-13-B	Yellow Mastic	ND		NA	
	MA-CPT-13-B	Gray Cementitious Material	ND		NA	
53	MA-CPT-13-C	Multicolored Carpet	ND		NA	
	MA-CPT-13-C	Yellow Mastic	ND	NA		

54	MA-CPT-14-A	Multicolored Carpet	Room 534	ND	NA	
	MA-CPT-14-A	Yellow Mastic		ND	NA	
55	MA-CPT-14-B	Multicolored Carpet		ND	NA	
	MA-CPT-14-B	Yellow Mastic		ND	NA	
56	MA-CPT-14-C	Multicolored Carpet		ND	NA	
	MA-CPT-14-C	Yellow Mastic		ND	NA	
57	MA-CPT-15-A	Multicolored Carpet		Floor 6 Open Area	ND	NA
	MA-CPT-15-A	Yellow Mastic			ND	NA
58	MA-CPT-15-B	Multicolored Carpet			ND	NA
	MA-CPT-15-B	Yellow Mastic			ND	NA
59	MA-CPT-15-C	Multicolored Carpet	ND		NA	
	MA-CPT-15-C	Yellow Mastic	ND		NA	
	MA-CPT-15-C	White Mastic	ND		NA	
60	MA-FT-01-A	Black Floor Tile	Room 320 and Two Unnumbered Rooms on Floor 1		ND	NA
	MA-FT-01-A	Transparent Adhesive			ND	NA
61	MA-FT-01-B	Black Floor Tile		ND	NA	
	MA-FT-01-B	Transparent Adhesive		ND	NA	
	MA-FT-01-B	Yellow Mastic with Paint		ND	NA	
62	MA-FT-01-C	Black Floor Tile		ND	NA	
	MA-FT-01-C	Transparent Adhesive		ND	NA	
	MA-FT-01-C	Gray Fibrous Material (Residual)		ND	NA	
63	MA-SF-01-A	Brown Sheet Flooring		Kitchen Areas on Floors 3-5	ND	NA
	MA-SF-01-A	White Fibrous Material (Mesh)	ND		NA	
	MA-SF-01-A	Beige Mastic and Gray Leveling Compound	ND		NA	
64	MA-SF-01-B	Brown Sheet Flooring	ND		NA	
	MA-SF-01-B	White Fibrous Material (Mesh)	ND		NA	
	MA-SF-01-B	Beige Mastic and Gray Leveling Compound	ND		NA	
65	MA-SF-01-C	Brown Sheet Flooring	ND		NA	
	MA-SF-01-C	White Fibrous Material (Mesh)	ND		NA	
	MA-SF-01-C	Beige Mastic and Gray Leveling Compound	ND		NA	

	MA-SF-01-C	Yellow Mastic and Gray Cementitious Material		ND	NA
	MA-SF-01-D	Brown Sheet Flooring		ND	NA
66	MA-SF-01-D	White Fibrous Material (Mesh)		ND	NA
	MA-SF-01-D	Beige Mastic and Gray Leveling Compound		ND	NA
	MA-SF-01-E	Brown Sheet Flooring		ND	NA
67	MA-SF-01-E	White Fibrous Material (Mesh)		ND	NA
	MA-SF-01-E	Beige Mastic and Gray Leveling Compound		ND	NA
68	MA-PLAS-01-A	Gray Plaster with Paint	Throughout	ND	NA
69	MA-PLAS-01-B	Gray Plaster with Paint		ND	NA
	MA-PLAS-01-C	Gray Plaster		ND	NA
70	MA-PLAS-01-C	White Skim Coat with Paint		ND	NA
71	MA-PLAS-01-D	Gray Plaster with Paint		ND	NA
	MA-PLAS-01-E	Gray Plaster		ND	NA
72	MA-PLAS-01-E	White Skim Coat with Paint		ND	NA
73	MA-PLAS-01-F	Gray Plaster with Paint		ND	NA
	MA-PLAS-01-G	Gray Plaster		ND	NA
74	MA-PLAS-01-G	White Skim Coat with Paint		ND	NA
	MA-CPT-16-A	Multicolored Carpet	Main Halls Floors 2, 3, 6	ND	NA
	MA-CPT-16-A	Yellow Mastic		ND	NA
75	MA-CPT-16-A	Beige Leveling Compound		ND	NA
	MA-CPT-16-A	Gray Cementitious Material		ND	NA
	MA-CPT-16-B	Multicolored Carpet		ND	NA
76	MA-CPT-16-B	Yellow Mastic		ND	NA
	MA-CPT-16-B	Beige Leveling Compound		ND	NA
	MA-CPT-16-C	Multicolored Carpet		ND	NA
77	MA-CPT-16-C	Yellow Mastic		ND	NA
	MA-CPT-16-D	Multicolored Carpet		ND	NA
78	MA-CPT-16-D	Yellow Mastic	ND	NA	
	MA-CPT-16-E	Multicolored Carpet	ND	NA	
79	MA-CPT-16-E	Yellow Mastic	ND	NA	

80	MA-FT-02-A	White Floor Tile	Bathroom 436/437	ND	NA	
	MA-FT-02-A	Semi-Transparent Adhesive		ND	NA	
81	MA-FT-02-B	White Floor Tile		ND	NA	
	MA-FT-02-B	Semi-Transparent Adhesive		ND	NA	
82	MA-FT-02-C	White Floor Tile		ND	NA	
	MA-FT-02-C	Semi-Transparent Adhesive		ND	NA	
83	MA-FT-03-A	Green Floor Tile		Some Rooms Floors 3-6	ND	NA
	MA-FT-03-A	Yellow Mastic			ND	NA
84	MA-FT-03-B	Green Floor Tile			ND	NA
	MA-FT-03-B	Gray Mastic			ND	NA
85	MA-FT-03-C	Green Floor Tile			ND	NA
	MA-FT-03-C	Gray Mastic			ND	NA
194	MA-FT-03-D	Green Floor Tile	ND		NA	
	MA-FT-03-D	Yellow Mastic	ND		NA	
	MA-FT-03-D	Gray Mastic	ND		NA	
195	MA-FT-03-E	Green Floor Tile	ND		NA	
	MA-FT-03-E	Yellow Mastic	ND		NA	
86	MA-FT-04-A	White Floor Tile	Floor 4 Bathroom in Unnumbered Room Across from Kitchen		ND	NA
	MA-FT-04-A	Transparent Adhesive		ND	NA	
87	MA-FT-04-B	White Floor Tile		ND	NA	
	MA-FT-04-B	Transparent Adhesive		ND	NA	
88	MA-FT-04-C	White Floor Tile		ND	NA	
	MA-FT-04-C	Transparent Adhesive		ND	NA	
89	MA-SF-02-A	Off-White Sheet Flooring with Fibrous Backing		Some Bathrooms Floors 1, 2, 4, 5, 6	ND	NA
	MA-SF-02-A	Yellow Mastic			ND	NA
90	MA-SF-02-B	Off-White Sheet Flooring with Fibrous Backing	ND		NA	
91	MA-SF-02-C	Off-White Sheet Flooring with Fibrous Backing	ND		NA	
	MA-SF-02-C	Yellow Mastic and Gray Leveling Compound	ND		NA	
92	MA-FT-05-A	Tan Sheet Flooring	Some Bathrooms on All Floors	ND	NA	
	MA-FT-05-A	Off-White Adhesive		ND	NA	

	MA-FT-05-A	Gray Leveling Compound		ND	NA
	MA-FT-05-B	Tan Sheet Flooring		ND	NA
93	MA-FT-05-B	Yellow Adhesive		ND	NA
	MA-FT-05-B	Gray Leveling Compound		ND	NA
	MA-FT-05-C	Tan Sheet Flooring		ND	NA
94	MA-FT-05-C	Off-White Adhesive		ND	NA
	MA-FT-05-C	Gray Leveling Compound		ND	NA
	MA-SF-03-A	White Sheet Flooring with Fibrous Backing		ND	NA
95	MA-SF-03-A	Yellow Mastic and Gray Leveling Compound		ND	NA
	MA-SF-03-B	White Sheet Flooring with Fibrous Backing	Bathrooms 219, 315/316, 404/405	ND	NA
96	MA-SF-03-B	Yellow Mastic		ND	NA
	MA-SF-03-C	White Sheet Flooring with Fibrous Backing		ND	NA
97	MA-SF-03-C	Yellow Mastic		ND	NA
	MA-SF-04-A	White Sheet Flooring with Fibrous Backing		ND	NA
98	MA-SF-04-A	Yellow Mastic		ND	NA
	MA-SF-04-B	White Sheet Flooring with Fibrous Backing	Bathrooms 420/421, 528	ND	NA
99	MA-SF-04-B	Yellow Mastic		ND	NA
	MA-SF-04-C	White Sheet Flooring with Fibrous Backing		ND	NA
100	MA-SF-04-C	Yellow Mastic		ND	NA
	MA-SF-05-A	Red Sheet Flooring with Fibrous Backing		ND	NA
101	MA-SF-05-A	Yellow Mastic (Trace)		ND	NA
	MA-SF-05-B	Red Sheet Flooring with Fibrous Backing	Bathroom 417/419	ND	NA
102	MA-SF-05-B	Yellow Mastic (Trace)		ND	NA
	MA-SF-05-C	Red Sheet Flooring with Fibrous Backing		ND	NA
103	MA-SF-05-C	Yellow Mastic (Trace)		ND	NA
	MA-FT-06-A	White Sheet Flooring		ND	NA
104	MA-FT-06-A	Yellow Mastic		ND	NA
	MA-FT-06-B	White Sheet Flooring	Bathroom 411/413	ND	NA
105	MA-FT-06-B	Yellow Mastic		ND	NA
106	MA-FT-06-C	White Sheet Flooring		ND	NA

	MA-FT-06-C	Yellow Mastic		ND	NA	
107	MA-FT-07-A	White Sheet Flooring	Bathroom 415/416	ND	NA	
	MA-FT-07-A	Yellow Mastic		ND	NA	
108	MA-FT-07-B	White Sheet Flooring		ND	NA	
	MA-FT-07-B	Yellow Mastic		ND	NA	
109	MA-FT-07-C	White Sheet Flooring		ND	NA	
	MA-FT-07-C	Yellow Mastic		ND	NA	
109	MA-SF-06-A	Beige Sheet Flooring with Fibrous Backing		Bathroom SE Room Floor 6	ND	NA
	MA-SF-06-A	Yellow Mastic			ND	NA
	MA-SF-06-A	Gray Flooring	ND		NA	
	MA-SF-06-A	Yellow Mastic and Black Mastic	ND		NA	
110	MA-SF-06-B	Beige Sheet Flooring with Fibrous Backing	ND		NA	
	MA-SF-06-B	Yellow Mastic 1	ND		NA	
	MA-SF-06-B	Gray Flooring	ND		NA	
	MA-SF-06-B	Yellow Mastic 2	ND		NA	
111	MA-SF-06-C	Beige Sheet Flooring with Fibrous Backing	ND		NA	
	MA-SF-06-C	Yellow Mastic 1	ND		NA	
	MA-SF-06-C	Gray Flooring	ND		NA	
	MA-SF-06-C	Yellow Mastic 2	ND		NA	
112	MA-SF-07-A	Beige Sheet Flooring with Fibrous Backing	Bathroom 434/435		ND	NA
	MA-SF-07-A	Yellow Mastic			ND	NA
113	MA-SF-07-B	Beige Sheet Flooring with Fibrous Backing			ND	NA
	MA-SF-07-B	Yellow Mastic			ND	NA
114	MA-SF-07-C	Beige Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-07-C	Yellow Mastic		ND	NA	
115	MA-FT-08-A	Tan Floor Tile		Bathroom 438/439	ND	NA
	MA-FT-08-A	Yellow Mastic			ND	NA
116	MA-FT-08-B	Tan Floor Tile	ND		NA	
	MA-FT-08-B	Yellow Mastic	ND		NA	
117	MA-FT-08-C	Tan Floor Tile	ND		NA	

	MA-FT-08-C	Yellow Mastic		ND	NA
118	MA-FT-09-A	Yellow Mastic	Under Carpet Rooms 208, 221. In Closet Floor 2 Hall	ND	NA
	MA-FT-09-A	Tan Floor Tile		ND	NA
	MA-FT-09-A	Brown/Black Mastic		ND	NA
	MA-FT-09-B	Tan Floor Tile		ND	NA
119	MA-FT-09-B	Brown Mastic		ND	NA
	MA-FT-09-C	Tan Floor Tile		ND	NA
120	MA-FT-09-C	Yellow Mastic		ND	NA
	MA-SF-08-A	Gray Sheet Flooring with Fibrous Backing		Floor 1 Men's Bathroom and Floor 6 Open Area	12% Chrysotile
125	MA-SF-08-A	Yellow Mastic	ND		NA
	MA-SF-08-B	Gray Sheet Flooring with Fibrous Backing	12% Chrysotile		50 sqft
126	MA-SF-08-B	Yellow Mastic	ND		NA
	MA-SF-08-C	Gray Sheet Flooring with Fibrous Backing	12% Chrysotile		50 sqft
127	MA-SF-08-C	Yellow Mastic	ND		NA
	MA-FT-10-A	Gray Floor Tile	SE Floor 6		ND
128	MA-FT-10-A	Yellow Adhesive			ND
	MA-FT-10-B	Gray Floor Tile		ND	NA
129	MA-FT-10-B	Yellow Adhesive		ND	NA
	MA-FT-10-C	Gray Floor Tile		ND	NA
130	MA-FT-10-C	Yellow Adhesive		ND	NA
	MA-FT-11-A	Blue Floor Tile		SE Floor 6 Under Carpet	2% Chrysotile
131	MA-FT-11-A	Yellow Mastic			ND
	MA-FT-11-B	Blue Floor Tile	2% Chrysotile		210 sqft*
132	MA-FT-11-B	Yellow Mastic	ND		NA
	MA-FT-11-C	Blue Floor Tile	2% Chrysotile		210 sqft*
133	MA-FT-11-C	Yellow Mastic	ND		NA
	MA-SF-09-A	White Sheet Flooring with Fibrous Backing	Bathroom 445/447	ND	NA
134	MA-SF-09-A	Yellow Mastic		ND	NA
	MA-SF-09-B	White Sheet Flooring with Fibrous Backing		ND	NA
135	MA-SF-09-B	Yellow Mastic		ND	NA

136	MA-SF-09-C	White Sheet Flooring with Fibrous Backing	Floor 3 Kitchen	ND	NA
	MA-SF-09-C	Yellow Mastic		ND	NA
137	MA-SF-10-A	Dark Gray Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-10-A	Yellow Mastic		ND	NA
138	MA-SF-10-B	Dark Gray Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-10-B	Yellow Mastic		ND	NA
139	MA-SF-10-C	Dark Gray Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-10-C	Yellow Mastic		ND	NA
140	MA-SF-11-A	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-11-A	Yellow Mastic 1		ND	NA
	MA-SF-11-A	Beige Sheet Flooring		ND	NA
	MA-SF-11-A	Yellow Mastic 2		ND	NA
141	MA-SF-11-B	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-11-B	Yellow Mastic 1		ND	NA
	MA-SF-11-B	Beige Sheet Flooring	ND	NA	
	MA-SF-11-B	Yellow Mastic 2	ND	NA	
142	MA-SF-11-C	White Sheet Flooring with Fibrous Backing	ND	NA	
	MA-SF-11-C	Yellow Mastic 1	ND	NA	
	MA-SF-11-C	Beige Sheet Flooring	ND	NA	
	MA-SF-11-C	Yellow Mastic 2	ND	NA	
143	MA-SF-12-A	White Sheet Flooring with Fibrous Backing	Bathrooms 221, 330	ND	NA
	MA-SF-12-A	Yellow Mastic		ND	NA
	MA-SF-12-A	Gray Leveling Compound		ND	NA
144	MA-SF-12-B	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-12-B	Yellow Mastic		ND	NA
	MA-SF-12-B	Gray Leveling Compound		ND	NA
145	MA-SF-12-C	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-12-C	Yellow Mastic		ND	NA
146	MA-SF-13-A	Tan Sheet Flooring with Fibrous Backing		Bathroom 213	ND
	MA-SF-13-A	Yellow Mastic and White Leveling Compound	ND		NA

147	MA-SF-13-B	Tan Sheet Flooring with Fibrous Backing	Bathroom 245	ND	NA	
	MA-SF-13-B	Yellow Mastic and White Leveling Compound		ND	NA	
148	MA-SF-13-C	Tan Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-13-C	Yellow Mastic and White Leveling Compound		ND	NA	
149	MA-SF-14-A	White Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-14-A	Yellow Mastic		ND	NA	
150	MA-SF-14-B	White Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-14-B	Yellow Mastic		ND	NA	
151	MA-SF-14-C	White Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-14-C	Yellow Mastic		ND	NA	
152	MA-FT-12-A	Brown Mastic		Room 237 Under Carpet	ND	NA
	MA-FT-12-A	White Floor Tile			ND	NA
	MA-FT-12-A	Yellow Mastic	ND		NA	
153	MA-FT-12-B	Brown Mastic	ND		NA	
	MA-FT-12-B	White Floor Tile	ND		NA	
	MA-FT-12-B	Yellow Mastic	ND		NA	
154	MA-FT-12-C	Brown Mastic	ND		NA	
	MA-FT-12-C	White Floor Tile	ND		NA	
	MA-FT-12-C	Yellow Mastic	ND		NA	
155	MA-FT-13-A	Brown Mastic	Room 237 Under Carpet	ND	NA	
	MA-FT-13-A	Green Floor Tile		ND	NA	
	MA-FT-13-A	Yellow Mastic		ND	NA	
156	MA-FT-13-B	Brown Mastic		ND	NA	
	MA-FT-13-B	Green Floor Tile		ND	NA	
	MA-FT-13-B	Yellow Mastic		ND	NA	
157	MA-FT-13-C	Brown Mastic		ND	NA	
	MA-FT-13-C	Green Floor Tile		ND	NA	
	MA-FT-13-C	Yellow Mastic		ND	NA	
158	MA-FT-14-A	White Floor Tile	Bathroom 109	2% Chrysotile	25 sqft	
	MA-FT-14-A	Yellow Mastic		ND	NA	

159	MA-FT-14-B	White Floor Tile	Room 109 Closet Wall	2% Chrysotile	25 sqft	
	MA-FT-14-B	Yellow Mastic		ND	NA	
160	MA-FT-14-C	White Floor Tile		2% Chrysotile	25 sqft	
	MA-FT-14-C	Yellow Mastic		ND	NA	
161	MA-CPT-17-A	Brown Carpet		ND	NA	
	MA-CPT-17-A	Yellow Mastic		ND	NA	
	MA-CPT-17-A	Brown Fibrous Material (Mesh)		ND	NA	
162	MA-CPT-17-B	Brown Carpet		ND	NA	
	MA-CPT-17-B	Yellow Mastic		ND	NA	
	MA-CPT-17-B	Brown Fibrous Material (Mesh)		ND	NA	
163	MA-CPT-17-C	Brown Carpet		ND	NA	
	MA-CPT-17-C	Yellow Mastic		ND	NA	
	MA-CPT-17-C	Brown Fibrous Material (Mesh)		ND	NA	
164	MA-FT-15-A	Black Floor Tile		Room East of Floor 1 Foyer Under Carpet	ND	NA
	MA-FT-15-A	Brown Mastic	ND		NA	
	MA-FT-15-A	Brown Fibrous Material (Mesh)	ND		NA	
165	MA-FT-15-B	Black Floor Tile	ND		NA	
	MA-FT-15-B	Brown Mastic	ND		NA	
	MA-FT-15-B	Brown Fibrous Material (Mesh)	ND		NA	
166	MA-FT-15-C	Black Floor Tile	ND		NA	
	MA-FT-15-C	Brown Mastic	ND		NA	
	MA-FT-15-C	Brown Fibrous Material (Mesh)	ND		NA	
167	MA-SF-15-A	Green Sheet Flooring with Fibrous Backing	Floor 4, 5 Kitchens Under Wood-Look Sheet Flooring		ND	NA
	MA-SF-15-A	Yellow Mastic			ND	NA
168	MA-SF-15-B	Green Sheet Flooring with Fibrous Backing			ND	NA
	MA-SF-15-B	Yellow Mastic (Trace) with Gray Leveling Compound		ND	NA	
169	MA-SF-15-C	Green Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-15-C	Yellow Mastic		ND	NA	
199	MA-SF-15-D	Green Sheet Flooring with Fibrous Backing		ND	NA	
	MA-SF-15-D	Yellow Mastic with Gray Leveling Compound		ND	NA	

200	MA-SF-15-E	Green Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-15-E	Yellow Mastic		ND	NA
170	MA-CB-01-A	Green Baseboard	Bathroom 529, Floor 4, 5 Laundry Rooms	ND	NA
	MA-CB-01-A	Yellow Mastic		ND	NA
	MA-CB-01-A	Gray Paper		ND	NA
171	MA-CB-01-B	Green Baseboard		ND	NA
	MA-CB-01-B	White Mastic		ND	NA
172	MA-CB-01-C	Green Baseboard		ND	NA
	MA-CB-01-C	Yellow Mastic		ND	NA
	MA-CB-01-C	White Texture (Trace)		ND	NA
173	MA-CB-02-A	White Baseboard		Bathroom 328, 445/447, 528	ND
	MA-CB-02-A	Yellow Mastic	ND		NA
174	MA-CB-02-B	White Baseboard	ND		NA
	MA-CB-02-B	Yellow Mastic	ND		NA
175	MA-CB-02-C	White Baseboard	ND		NA
	MA-CB-02-C	Yellow Mastic	ND		NA
176	MA-CB-03-A	Brown Baseboard	Floor 3-5 Kitchens	ND	NA
	MA-CB-03-A	Beige Mastic with Paint		ND	NA
177	MA-CB-03-B	Brown Baseboard		ND	NA
	MA-CB-03-B	Beige Mastic		ND	NA
	MA-CB-03-B	Brown Wood		ND	NA
178	MA-CB-03-C	Brown Baseboard		ND	NA
	MA-CB-03-C	Yellow Mastic		ND	NA
	MA-CB-03-C	White Texture (Trace)		ND	NA
179	MA-CB-04-A	Brown Baseboard		Floor 6 Cabinet Room, Bathroom 542/543, Room 237	ND
	MA-CB-04-A	Beige Mastic	ND		NA
	MA-CB-04-A	White Texture	ND		NA
180	MA-CB-04-B	Brown Baseboard	ND		NA
	MA-CB-04-B	Beige Mastic	ND		NA
181	MA-CB-04-C	Brown Baseboard	ND		NA

	MA-CB-04-C	Beige Mastic		ND	NA
	MA-CB-04-C	Brown Wood		ND	NA
182	MA-CB-05-A	Brown Baseboard	Floor 6 Girl's Room Bathroom, Hall Bathroom, Bathroom 314	ND	NA
	MA-CB-05-A	Yellow Mastic		ND	NA
	MA-CB-05-B	Brown Baseboard		ND	NA
183	MA-CB-05-B	Yellow Mastic		ND	NA
	MA-CB-05-B	White Texture		ND	NA
	MA-CB-05-C	Brown Baseboard		ND	NA
184	MA-CB-05-C	Yellow Mastic		ND	NA
	MA-CB-05-C	White Texture (Trace)		ND	NA
	MA-CB-06-A	Brown Baseboard		Bathroom 545/547	ND
185	MA-CB-06-A	Beige Mastic with Paint	ND		NA
	MA-CB-06-B	Brown Baseboard	ND		NA
186	MA-CB-06-B	Beige Mastic with Paint	ND		NA
	MA-CB-06-C	Brown Baseboard	ND		NA
187	MA-CB-06-C	Beige Mastic with Paint	ND		NA
	MA-CB-07-A	White Baseboard	Bathrooms 404/405, 434/435, 541	ND	NA
188	MA-CB-07-A	Yellow Mastic with Paint		ND	NA
	MA-CB-07-B	White Baseboard		ND	NA
189	MA-CB-07-B	Yellow Mastic		ND	NA
	MA-CB-07-B	White Texture (Trace)		ND	NA
	MA-CB-07-C	White Baseboard		ND	NA
190	MA-CB-07-C	Yellow Mastic		ND	NA
	MA-CB-07-C	Brown Mastic		ND	NA
	MA-CB-08-A	Tan Baseboard		Bathrooms 438/439, 442/443	ND
191	MA-CB-08-A	Yellow Mastic	ND		NA
	MA-CB-08-B	Tan Baseboard	ND		NA
192	MA-CB-08-B	Yellow Mastic	ND		NA
	MA-CB-08-C	Tan Baseboard	ND		NA
193	MA-CB-08-C	Yellow Mastic	ND		NA

196	MA-FT-16-A	Gray Floor Tile	Floor 6 Hall Closet and SE Room Under Carpet	ND	NA
	MA-FT-16-A	Yellow Mastic		ND	NA
	MA-FT-16-A	Gray Cementitious Material		ND	NA
197	MA-FT-16-B	Brown Mastic		ND	NA
	MA-FT-16-B	Gray Floor Tile		ND	NA
	MA-FT-16-B	Yellow Mastic		ND	NA
198	MA-FT-16-C	Gray Floor Tile		ND	NA
	MA-FT-16-C	Yellow Mastic		ND	NA
	MA-FT-16-C	Yellow Leveling Compound		ND	NA
201	MA-FT-17-A	Beige Floor Tile	Bathrooms 403, 541	ND	NA
	MA-FT-17-A	Yellow Mastic		ND	NA
202	MA-FT-17-B	Beige Floor Tile		ND	NA
	MA-FT-17-B	Yellow Mastic		ND	NA
203	MA-FT-17-C	Beige Floor Tile		ND	NA
	MA-FT-17-C	Yellow Mastic		ND	NA
204	MA-SF-16-A	White Sheet Flooring with Fibrous Backing	Floor 4 Laundry Room	ND	NA
	MA-SF-16-A	Yellow Mastic with Brown Wood		ND	NA
205	MA-SF-16-B	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-16-B	Yellow Mastic with Brown Wood		ND	NA
206	MA-SF-16-C	White Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-16-C	Yellow Mastic with Brown Wood		ND	NA
207	MA-FT-18-A	Yellow Floor Tile	Room 537 Under Carpet	ND	NA
	MA-FT-18-A	Brown Mastic		ND	NA
	MA-FT-18-A	Gray Cementitious Material (Trace)		ND	NA
208	MA-FT-18-B	Yellow Floor Tile		ND	NA
	MA-FT-18-B	Brown Mastic		ND	NA
209	MA-FT-18-C	Yellow Floor Tile		ND	NA
	MA-FT-18-C	Brown Mastic	ND	NA	
210	MA-FT-19-A	White Floor Tile	Room 537 Under Carpet	ND	NA
	MA-FT-19-A	Brown Mastic		ND	NA

211	MA-FT-19-B	White Floor Tile	Floor 6 Open Area	ND	NA	
	MA-FT-19-B	Brown Mastic		ND	NA	
212	MA-FT-19-C	White Floor Tile		ND	NA	
	MA-FT-19-C	Brown Mastic		ND	NA	
213	MA-CPT-20-A	Gray Carpet		ND	NA	
	MA-CPT-20-A	Yellow Mastic		ND	NA	
214	MA-CPT-20-B	Gray Carpet		ND	NA	
	MA-CPT-20-B	Yellow Mastic		ND	NA	
215	MA-CPT-20-C	Gray Carpet		ND	NA	
	MA-CPT-20-C	Yellow Mastic (Trace)		ND	NA	
216	MA-FT-20-A	Yellow Mastic		Room 529 Under Carpet	ND	NA
	MA-FT-20-A	White Floor Tile			ND	NA
	MA-FT-20-A	Brown Mastic	ND		NA	
217	MA-FT-20-B	Yellow Mastic	ND		NA	
	MA-FT-20-B	White Floor Tile	ND		NA	
	MA-FT-20-B	Brown Mastic	ND		NA	
218	MA-FT-20-C	Yellow Mastic	ND		NA	
	MA-FT-20-C	White Floor Tile	ND		NA	
	MA-FT-20-C	Brown Mastic	ND		NA	
219	MA-DWS-01-A	White Joint Compound with Paint	Floor 1	ND	NA	
	MA-DWS-01-A	White Drywall with Brown Paper		ND	NA	
220	MA-DWS-01-B	White Joint Compound with Paint		ND	NA	
	MA-DWS-01-B	White Drywall with Brown Paper		ND	NA	
221	MA-DWS-01-C	White Joint Compound with Paint		ND	NA	
	MA-DWS-01-C	White Drywall with Brown Paper		ND	NA	
222	MA-DWS-01-D	White Joint Compound with Paint		ND	NA	
	MA-DWS-01-D	White Drywall with Brown Paper		ND	NA	
223	MA-DWS-01-E	White Joint Compound with Paint		ND	NA	
	MA-DWS-01-E	Cream Tape		ND	NA	
	MA-DWS-01-E	White Joint Compound		ND	NA	

	MA-DWS-01-E	White Drywall with Brown Paper		ND	NA	
224	MA-DWS-02-A	White Joint Compound with Paint	Floor 2	ND	NA	
	MA-DWS-02-A	Cream Tape		ND	NA	
	MA-DWS-02-A	White Joint Compound		ND	NA	
	MA-DWS-02-A	White Drywall with Brown Paper		ND	NA	
225	MA-DWS-02-B	White Joint Compound with Paint		ND	NA	
	MA-DWS-02-B	White Drywall with Brown Paper		ND	NA	
226	MA-DWS-02-C	White Joint Compound with Paint		ND	NA	
	MA-DWS-02-C	Cream Tape		ND	NA	
	MA-DWS-02-C	White Joint Compound		ND	NA	
	MA-DWS-02-C	White Drywall with Brown Paper		ND	NA	
227	MA-DWS-02-D	White Joint Compound with Paint		ND	NA	
	MA-DWS-02-D	White Drywall with Brown Paper		ND	NA	
228	MA-DWS-02-E	White Joint Compound with Paint		ND	NA	
	MA-DWS-02-E	White Drywall with Brown Paper		ND	NA	
229	MA-DWS-03-A	White Joint Compound with Paint		Floor 3	ND	NA
	MA-DWS-03-A	White Drywall with Brown Paper			ND	NA
230	MA-DWS-03-B	White Joint Compound with Paint	ND		NA	
	MA-DWS-03-B	White Drywall with Brown Paper	ND		NA	
231	MA-DWS-03-C	White Joint Compound	ND		NA	
	MA-DWS-03-C	White Fibrous Material (Mesh)	ND		NA	
	MA-DWS-03-C	White Drywall with Brown Paper	ND		NA	
234	MA-DWS-04-A	Beige Joint Compound with Paint	Floor 4		2% Chrysotile	2000 sqft
	MA-DWS-04-A	White Drywall with Brown Paper			ND	NA
234	MA-DWS-04-B	Beige Joint Compound with Paint		2% Chrysotile	2000 sqft	
	MA-DWS-04-B	White Drywall with Brown Paper		ND	NA	
234	MA-DWS-04-C	Beige Joint Compound with Paint		2% Chrysotile	2000 sqft	
	MA-DWS-04-C	White Drywall with Brown Paper		ND	NA	
239	MA-DWS-05-A	White Joint Compound with Paint	Floor 5	ND	NA	
	MA-DWS-05-A	Blue Fibrous Material (Mesh)		ND	NA	

	MA-DWS-05-A	White Drywall with Brown Paper		ND	NA
240	MA-DWS-05-B	White Joint Compound with Paint		ND	NA
	MA-DWS-05-B	White Drywall with Brown Paper		ND	NA
	MA-DWS-05-C	White Joint Compound with Paint		ND	NA
241	MA-DWS-05-C	Cream Tape		ND	NA
	MA-DWS-05-C	White Joint Compound		ND	NA
	MA-DWS-05-C	White Drywall with Brown Paper		ND	NA
242	MA-DWS-05-D	White Joint Compound with Paint		ND	NA
	MA-DWS-05-D	White Drywall with Brown Paper		ND	NA
243	MA-DWS-05-E	White Joint Compound with Paint		ND	NA
244	MA-DWS-06-A	Beige Paint		ND	NA
	MA-DWS-06-A	White Drywall with Brown Paper		ND	NA
245	MA-DWS-06-B	White Joint Compound with Paint		ND	NA
	MA-DWS-06-B	White Drywall with Brown Paper		ND	NA
246	MA-DWS-06-C	White Joint Compound with Paint		ND	NA
	MA-DWS-06-C	White Drywall with Brown Paper		ND	NA
	MA-DWS-06-D	White Joint Compound with Paint	Floor 6	ND	NA
247	MA-DWS-06-D	Cream Tape		ND	NA
	MA-DWS-06-D	White Joint Compound		ND	NA
	MA-DWS-06-D	White Drywall with Brown Paper		ND	NA
248	MA-DWS-06-E	White Joint Compound with Paint		ND	NA
	MA-DWS-06-E	White Drywall		ND	NA
249	MA-WG-01-A	Off-White Window Glazing		ND	NA
250	MA-WG-01-B	Off-White Window Glazing		ND	NA
251	MA-WG-01-C	Off-White Window Glazing		ND	NA
252	MA-WG-01-D	Off-White Window Glazing	Throughout	ND	NA
253	MA-WG-01-E	Off-White Window Glazing		ND	NA
254	MA-WG-01-F	Off-White Window Glazing		ND	NA
255	MA-WG-01-G	Off-White Window Glazing		ND	NA
256	MA-CB-09-A	Gray Baseboard	Floor 6 Utility Closet	ND	NA

257	MA-CB-09-A	Brown Mastic	Bathroom 315/316	ND	NA
	MA-CB-09-B	Gray Baseboard		ND	NA
	MA-CB-09-B	Brown Mastic		ND	NA
258	MA-CB-09-C	Gray Baseboard		ND	NA
	MA-CB-09-C	Brown Mastic		ND	NA
259	MA-CB-10-A	Tan Baseboard		ND	NA
	MA-CB-10-A	Beige Mastic		ND	NA
	MA-CB-10-A	Brown Mastic		ND	NA
260	MA-CB-10-B	Tan Baseboard		ND	NA
	MA-CB-10-B	Beige Mastic		ND	NA
261	MA-CB-10-C	Tan Baseboard		ND	NA
	MA-CB-10-C	Beige Mastic		ND	NA
262	MA-CB-11-A	Off-White Baseboard	Floor 5 Kitchen Bathroom	ND	NA
	MA-CB-11-A	Beige Mastic		ND	NA
263	MA-CB-11-B	Off-White Baseboard		ND	NA
	MA-CB-11-B	Beige Mastic		ND	NA
264	MA-CB-11-C	Off-White Baseboard		ND	NA
	MA-CB-11-C	Beige Mastic		ND	NA
265	MA-CB-12-A	Dark Gray Baseboard	Bathroom 238, 235	ND	NA
	MA-CB-12-A	Beige Mastic		ND	NA
	MA-CB-12-A	White Texture (Trace)		ND	NA
	MA-CB-12-A	Brown Paper		ND	NA
266	MA-CB-12-B	Dark Gray Baseboard		ND	NA
	MA-CB-12-B	Beige Mastic		ND	NA
	MA-CB-12-B	Brown Mastic		ND	NA
	MA-CB-12-B	White Texture		ND	NA
267	MA-CB-12-C	Dark Gray Baseboard		ND	NA
	MA-CB-12-C	Beige Mastic		ND	NA
	MA-CB-12-C	Brown Mastic		ND	NA
	MA-CB-12-C	White Texture (Trace)		ND	NA

268	MA-DWS-07-A	White Joint Compound	Flagpole Shack on Roof	2% Chrysotile	300 sqft
	MA-DWS-07-A	Cream Tape		ND	NA
	MA-DWS-07-A	White Drywall with Brown Paper		ND	NA
269	MA-DWS-07-B	White Joint Compound		2% Chrysotile	300 sqft
	MA-DWS-07-B	Cream Tape		ND	NA
	MA-DWS-07-B	White Drywall with Brown Paper		ND	NA
270	MA-DWS-07-C	White Joint Compound		2% Chrysotile	300 sqft
	MA-DWS-07-C	Cream Tape		ND	NA
	MA-DWS-07-C	White Drywall with Brown Paper		ND	NA
271	MA-SC-01-A	Beige Popcorn Ceiling with White Surface	Floor 5 Blue Room	3% Chrysotile	120 sqft
272	MA-SC-01-B	Beige Popcorn Ceiling with White Surface		3% Chrysotile	120 sqft
273	MA-SC-01-C	Beige Popcorn Ceiling with White Surface		3% Chrysotile	120 sqft
274	MA-GRT-01-A	Gray Grout	Floor 1 Room West of Foyer	ND	NA
275	MA-GRT-01-B	Gray Grout		ND	NA
276	MA-GRT-01-C	Gray Grout		ND	NA
277	MA-GRT-02-A	Gray Grout	Throughout. Sometimes Under Sheet Flooring in Bathrooms. Associated with Hexagonal Tiles	ND	NA
	MA-GRT-02-A	Light Gray Ceramic Tile		ND	NA
278	MA-GRT-02-B	Gray Grout		ND	NA
	MA-GRT-02-B	Light Gray Ceramic Tile		ND	NA
279	MA-GRT-02-C	Gray Grout		ND	NA
	MA-GRT-02-C	Light Gray Ceramic Tile		ND	NA
280	MA-GRT-02-D	Gray Grout		ND	NA
	MA-GRT-02-D	Light Gray Ceramic Tile		ND	NA
281	MA-GRT-02-E	Gray Grout		ND	NA
	MA-GRT-02-E	Light Gray Ceramic Tile		ND	NA
282	MA-GRT-03-A	Gray Grout	Brick Planters Open Areas Floors 3, 6	ND	NA
283	MA-GRT-03-B	Gray Grout		ND	NA
284	MA-GRT-03-C	Gray Grout		ND	NA
285	MA-GRT-04-A	White Ceramic Tile	Floors 3-5 Hall Shower Room Walls	ND	NA
	MA-GRT-04-A	White Grout		ND	NA

286	MA-GRT-04-A	Beige Adhesive		ND	NA
	MA-GRT-04-B	White Ceramic Tile		ND	NA
	MA-GRT-04-B	White Grout		ND	NA
	MA-GRT-04-B	Beige Adhesive		ND	NA
287	MA-GRT-04-C	White Ceramic Tile		ND	NA
	MA-GRT-04-C	White Grout		ND	NA
	MA-GRT-04-C	Beige Adhesive		ND	NA
288	MA-GRT-05-A	Gray Ceramic Tile	Floors 3-5 Hall Shower Room Floors	ND	NA
	MA-GRT-05-A	Gray Grout		ND	NA
	MA-GRT-05-A	Beige Adhesive		ND	NA
289	MA-GRT-05-B	Beige Grout		ND	NA
290	MA-GRT-05-C	Gray Grout		ND	NA
291	MA-GRT-06-A	White Ceramic Tile	Floors 3-5 Hall Tub Room	ND	NA
	MA-GRT-06-A	Off-White Grout		ND	NA
292	MA-GRT-06-B	White Ceramic Tile		ND	NA
	MA-GRT-06-B	Off-White Grout		ND	NA
293	MA-GRT-06-C	White Ceramic Tile		ND	NA
	MA-GRT-06-C	Off-White Grout		ND	NA
294	MA-GRT-07-A	Green Ceramic Tile	Floor 3 Hall Bathroom Between Rooms 311 & 313, Floor 5 Blue Room Bathroom	ND	NA
	MA-GRT-07-A	White Grout		ND	NA
	MA-GRT-07-A	Brown Paper		ND	NA
295	MA-GRT-07-B	Green Ceramic Tile		ND	NA
	MA-GRT-07-B	White Grout		ND	NA
	MA-GRT-07-B	Brown Paper		ND	NA
296	MA-GRT-07-C	Green Ceramic Tile		ND	NA
	MA-GRT-07-C	White Grout		ND	NA
	MA-GRT-07-C	Brown Paper		ND	NA
297	MA-GRT-08-A	White Ceramic Tile	Floor 3 Hall Bathroom Wall Between Rooms 311 & 313, Floor 5 Blue Room Bathroom	ND	NA
	MA-GRT-08-A	White Grout		ND	NA
	MA-GRT-08-A	Yellow Mastic		2% Chrysotile	45 sqft*

298	MA-GRT-08-B	White Ceramic Tile		ND	NA	
	MA-GRT-08-B	White Grout		ND	NA	
	MA-GRT-08-B	White Cementitious Material		ND	NA	
299	MA-GRT-08-C	White Ceramic Tile		ND	NA	
	MA-GRT-08-C	White Grout		ND	NA	
	MA-GRT-08-C	White Cementitious Material		ND	NA	
300	MA-GRT-09-A	White Ceramic Tile		Bathrooms 411/413, 538/539	ND	NA
	MA-GRT-09-A	White Grout			ND	NA
	MA-GRT-09-A	Beige Adhesive			ND	NA
	MA-GRT-09-A	Brown Wood	ND		NA	
301	MA-GRT-09-B	White Ceramic Tile	ND		NA	
	MA-GRT-09-B	White Grout	ND		NA	
	MA-GRT-09-B	Beige Adhesive	ND		NA	
	MA-GRT-09-B	Brown Wood	ND		NA	
302	MA-GRT-09-C	White Ceramic Tile	ND		NA	
	MA-GRT-09-C	Gray Grout	ND		NA	
303	MA-GRT-10-A	Beige Ceramic Tile	Floor 5 Blue Room Bathroom Floor		ND	NA
	MA-GRT-10-A	Beige Grout			ND	NA
304	MA-GRT-10-B	White Ceramic Tile			ND	NA
	MA-GRT-10-B	Beige Grout			ND	NA
305	MA-GRT-10-C	Beige Ceramic Tile			ND	NA
	MA-GRT-10-C	Beige Grout			ND	NA
306	MA-GRT-11-A	Gray Grout with Paint	Floor 5 Blue Room Brick Wall	ND	NA	
307	MA-GRT-11-B	Gray Grout with Paint		ND	NA	
308	MA-GRT-11-C	Gray Grout with Paint		ND	NA	
309	MA-GRT-12-A	Gray Grout	Pyro-Brick Grout Visible in Chases on All Floors	ND	NA	
310	MA-GRT-12-B	Gray Grout		ND	NA	
311	MA-GRT-12-C	Gray Grout		ND	NA	
312	MA-GRT-12-D	Gray Grout		ND	NA	
313	MA-GRT-12-E	Gray Grout		ND	NA	

314	MA-GRT-12-F	Gray Grout		ND	NA
315	MA-GRT-12-G	Gray Grout		ND	NA
316	MA-SF-17-A	Beige Sheet Flooring with Fibrous Backing	Floor 2 Laundry	ND	NA
	MA-SF-17-B	Beige Sheet Flooring with Fibrous Backing		ND	NA
317	MA-SF-17-B	Yellow Mastic		ND	NA
	MA-SF-17-B	Gray Cementitious Material		ND	NA
	MA-SF-17-C	Beige Sheet Flooring with Fibrous Backing		ND	NA
318	MA-SF-17-C	Yellow Mastic		ND	NA
	MA-SF-17-C	Gray Cementitious Material		ND	NA
319	MA-CON-02-A	White Semi-Fibrous Material		Pyro-Brick Visible in Chases on All Floors	ND
320	MA-CON-02-B	White Semi-Fibrous Material	ND		NA
321	MA-CON-02-C	White Semi-Fibrous Material	ND		NA
322	MA-CON-02-D	White Semi-Fibrous Material	ND		NA
323	MA-CON-02-E	White Semi-Fibrous Material	ND		NA
324	MA-CON-02-F	White Semi-Fibrous Material	ND		NA
325	MA-CON-02-G	White Semi-Fibrous Material	ND		NA
326	MA-GRT-13-A	Gray Grout	Floor 1 Room West of Foyer Fireplace	ND	NA
327	MA-GRT-13-B	Gray Grout		ND	NA
328	MA-GRT-13-C	Gray Grout with Paint		ND	NA
329	MA-CT-01-A	Yellow Ceiling Tile with White Surface	Throughout	ND	NA
	MA-CT-01-A	Brown Mastic		ND	NA
330	MA-CT-01-B	Yellow Ceiling Tile with White Surface		ND	NA
	MA-CT-01-B	Brown Mastic		ND	NA
331	MA-CT-01-C	Yellow Ceiling Tile with White Surface		ND	NA
	MA-CT-01-C	Brown Mastic		ND	NA
332	MA-CT-01-D	Yellow Ceiling Tile with White Surface		ND	NA
	MA-CT-01-D	Brown Mastic		ND	NA
333	MA-CT-01-E	Yellow Ceiling Tile with White Surface		ND	NA
	MA-CT-01-E	Brown Mastic		ND	NA
334	MA-CT-01-F	Yellow Ceiling Tile with White Surface		ND	NA

	MA-CT-01-F	Brown Mastic		ND	NA
335	MA-CT-01-G	Yellow Ceiling Tile with White Surface		ND	NA
	MA-CT-01-G	Brown Mastic		ND	NA
336	MA-CT-02-A	Beige Ceiling Tile with White Surface	Floors 3, 6 Open Areas	ND	NA
337	MA-CT-02-B	Beige Ceiling Tile with White Surface		ND	NA
338	MA-CT-02-C	Beige Ceiling Tile with White Surface		ND	NA
339	MA-CT-03-A	Beige Ceiling Tile with White Surface	Floors 4-5 Kitchen Drop Ceilings	ND	NA
340	MA-CT-03-B	Beige Ceiling Tile with White Surface		ND	NA
341	MA-CT-03-C	Beige Ceiling Tile with White Surface		ND	NA
342	MA-CT-04-A	Yellow Ceiling Tile with White Surface	Floor 6 Open Area	ND	NA
343	MA-CT-04-B	Yellow Ceiling Tile with White Surface		ND	NA
344	MA-CT-04-C	Yellow Ceiling Tile with White Surface		ND	NA
345	MA-CT-05-A	Beige Ceiling Tile with White Surface	Room 118	ND	NA
	MA-CT-05-A	Brown Mastic		ND	NA
346	MA-CT-05-B	Beige Ceiling Tile with White Surface		ND	NA
	MA-CT-05-B	Brown Mastic		ND	NA
347	MA-CT-05-C	Beige Ceiling Tile with White Surface		ND	NA
	MA-CT-05-C	Brown Mastic		ND	NA
348	MA-CT-06-A	Yellow Ceiling Tile with White Surface	Floor 6 Open Area	ND	NA
349	MA-CT-06-B	Yellow Ceiling Tile with White Surface		ND	NA
350	MA-CT-06-C	Yellow Ceiling Tile with White Surface		ND	NA
351	MA-PLAS-02-A	White Skim Coat with Paint	North Stairwell Accessing Floors 2-6	ND	NA
	MA-PLAS-02-A	Gray Plaster		ND	NA
352	MA-PLAS-02-B	White Skim Coat with Paint		ND	NA
	MA-PLAS-02-B	Gray Plaster		ND	NA
353	MA-PLAS-02-C	White Skim Coat with Paint		ND	NA
	MA-PLAS-02-C	Gray Plaster		ND	NA
354	MA-PLAS-02-D	White Skim Coat with Paint		ND	NA
	MA-PLAS-02-D	Gray Plaster		ND	NA
355	MA-PLAS-02-E	White Skim Coat with Paint		ND	NA

	MA-PLAS-02-E	Gray Plaster		ND	NA	
356	MA-CON-01-A	Gray Concrete	North Stairwell Accessing Floors 2-6	ND	NA	
357	MA-CON-01-B	Gray Concrete		ND	NA	
358	MA-CON-01-C	Gray Concrete		ND	NA	
359	MA-RS-01-A	Gray Transite Tile		Roof Eaves	18% Chrysotile	1200 sqft
	MA-RS-01-A	Brown/Black Paper	ND		NA	
360	MA-RS-01-B	Gray Transite Tile	18% Chrysotile		1200 sqft	
	MA-RS-01-B	Brown/Black Paper	ND		NA	
361	MA-RS-01-C	Gray Transite Tile	18% Chrysotile		1200 sqft	
	MA-RS-01-C	Brown/Black Paper	10% Chrysotile		1200 sqft*	
362	MA-CLK-01-A	Black Caulk	Roof Above Metal Walkway		6% Chrysotile	10 LF
363	MA-CLK-01-B	Black Caulk			6% Chrysotile	10 LF
364	MA-CLK-01-C	Black Caulk		6% Chrysotile	10 LF	
365	MA-DWS-09-A	White Joint Compound with Paint	Floor 6 Open Area Free-Standing Wall	ND	NA	
	MA-DWS-09-A	White Drywall with Brown Paper with Paint		ND	NA	
366	MA-DWS-09-B	White Joint Compound with Paint		ND	NA	
	MA-DWS-09-B	White Joint Compound with Paint #2		ND	NA	
	MA-DWS-09-B	Cream Tape		ND	NA	
	MA-DWS-09-B	White Drywall with Brown Paper with Paint		ND	NA	
367	MA-DWS-09-C	White Joint Compound with Paint		ND	NA	
	MA-DWS-09-C	White Drywall with Brown Paper with Paint		ND	NA	
368	MA-WB-01-A	Gray Transite	Chase Access Cover on Each Floor	22% Chrysotile	36 sqft	
369	MA-WB-01-B	Gray Transite		22% Chrysotile	36 sqft	
370	MA-WB-01-C	Gray Transite		22% Chrysotile	36 sqft	
371	MA-FT-21-A	Beige Floor Tile	Various Areas Throughout Floor 1 West Side	2% Chrysotile	1600 sqft	
	MA-FT-21-A	Black Mastic		2% Chrysotile	1600 sqft	
372	MA-FT-21-B	Beige Floor Tile		2% Chrysotile	1600 sqft	
	MA-FT-21-B	Black Mastic		2% Chrysotile	1600 sqft	
373	MA-FT-21-C	Beige Floor Tile		2% Chrysotile	1600 sqft	

374	MA-FT-21-C	Black Mastic	Various Areas Throughout Floor 1 West Side	2% Chrysotile	1600 sqft
	MA-FT-21-D	Beige Floor Tile		2% Chrysotile	1600 sqft
	MA-FT-21-D	Black Mastic		2% Chrysotile	1600 sqft
375	MA-FT-21-E	Beige Floor Tile		2% Chrysotile	1600 sqft
	MA-FT-21-E	Black Mastic		2% Chrysotile	1600 sqft
376	MA-FT-22-A	Brown Floor Tile		2% Chrysotile	50 sqft
	MA-FT-22-A	Black Mastic		2% Chrysotile	50 sqft
377	MA-FT-22-B	Brown Floor Tile		2% Chrysotile	50 sqft
	MA-FT-22-B	Black Mastic		2% Chrysotile	50 sqft
378	MA-FT-22-C	Brown Floor Tile		2% Chrysotile	50 sqft
	MA-FT-22-C	Black Mastic	2% Chrysotile	50 sqft	
379	MA-CT-07-A	Beige Ceiling Tile with White Surface	Floor 1 West Side Bright Room, Salon, Cooler Area	ND	NA
380	MA-CT-07-B	Beige Ceiling Tile with White Surface		ND	NA
381	MA-CT-07-C	Beige Ceiling Tile with White Surface		ND	NA
382	MA-PLAS-03-A	White Skim Coat with Paint	Throughout Floor 1 West Area	ND	NA
	MA-PLAS-03-A	Gray Plaster		ND	NA
383	MA-PLAS-03-B	White Skim Coat with Paint		ND	NA
	MA-PLAS-03-B	Gray Plaster		ND	NA
384	MA-PLAS-03-C	White Skim Coat with Paint		ND	NA
	MA-PLAS-03-C	Gray Plaster		ND	NA
385	MA-PLAS-03-D	White Skim Coat with Paint		ND	NA
	MA-PLAS-03-D	Gray Plaster		ND	NA
386	MA-PLAS-03-E	Gray Plaster with Paint		ND	NA
387	MA-CT-08-A	Yellow Ceiling Tile with White Surface		Floor 1 West Area Hallway	ND
	MA-CT-08-A	Brown Mastic	ND		NA
	388	MA-CT-08-B	Yellow Ceiling Tile with White Surface		ND
MA-CT-08-B		Brown Mastic	ND		NA
MA-CT-08-B		Beige Mastic	ND		NA
389	MA-CT-08-C	Yellow Ceiling Tile with White Surface	ND		NA
	MA-CT-08-C	Brown Mastic	ND		NA

390	MA-MAS-01-A	Beige Mastic	Floor 1 Kitchen Behind Plastic Splash Guard	ND	NA	
	MA-MAS-01-A	Brown Fibrous Material		ND	NA	
391	MA-MAS-01-B	Beige Mastic		ND	NA	
	MA-MAS-01-B	Brown Fibrous Material		ND	NA	
392	MA-MAS-01-C	Beige Mastic		ND	NA	
	MA-MAS-01-C	Brown Fibrous Material		ND	NA	
393	MA-CB-14-A	Brown Baseboard		Floor 1 Kitchen	ND	NA
	MA-CB-14-A	Beige Mastic			ND	NA
	MA-CB-14-A	White Non-Fibrous Material			ND	NA
394	MA-CB-14-B	Brown Baseboard	ND		NA	
	MA-CB-14-B	Beige Mastic	ND		NA	
395	MA-CB-14-C	Brown Baseboard	ND		NA	
	MA-CB-14-C	Beige Mastic	ND		NA	
396	MA-GRT-14-A	White Grout	Floor 1 Kitchen/Pit Room Associated with Subway Tiles		ND	NA
	MA-GRT-14-A	Gray Cementitious Material			ND	NA
397	MA-GRT-14-B	White Grout		ND	NA	
398	MA-GRT-14-C	White Grout		ND	NA	
	MA-GRT-14-C	Gray Cementitious Material (Trace)		ND	NA	
399	MA-GRT-14-D	White Grout		ND	NA	
	MA-GRT-14-D	Gray Cementitious Material		ND	NA	
400	MA-GRT-14-E	White Grout		ND	NA	
401	MA-GRT-15-A	Gray Grout		Floor 1 Kitchen Small Tiles	ND	NA
	MA-GRT-15-A	Yellow Ceramic Tile	ND		NA	
402	MA-GRT-15-B	Gray Grout	ND		NA	
	MA-GRT-15-B	White Ceramic Tile	ND		NA	
403	MA-GRT-15-C	Gray Grout	ND		NA	
	MA-GRT-15-C	Yellow Ceramic Tile	ND		NA	
	MA-GRT-15-C	White Ceramic Tile	ND		NA	
404	MA-FT-23-A	Yellow Mastic	Floor 1 Kitchen/Waiting Room		ND	NA
	MA-FT-23-A	White Floor Tile			1% Chrysotile	200 sqft

405	MA-FT-23-A	Yellow Mastic #2		ND	NA	
	MA-FT-23-A	Black Mastic		3% Chrysotile	200 sqft*	
	MA-FT-23-B	Yellow Mastic		ND	NA	
	MA-FT-23-B	White Floor Tile		1% Chrysotile	200 sqft	
406	MA-FT-23-B	Yellow Mastic #2 (Trace)		ND	NA	
	MA-FT-23-C	White Floor Tile		1% Chrysotile	200 sqft	
407	MA-PLAS-04-A	Gray Plaster	Floor 1 West Area Hall Ceiling Lathe & Plaster	ND	NA	
408	MA-PLAS-04-B	Gray Plaster		ND	NA	
409	MA-PLAS-04-C	Gray Plaster		ND	NA	
410	MA-DWS-08-A	White Joint Compound with Paint and Beige Adhesive	Floor 1 West Area Hall, Bright Room, Waiting Room, Administration Rooms	2% Chrysotile	4800 sqft	
	MA-DWS-08-A	White Drywall with Brown Paper		ND	NA	
411	MA-DWS-08-B	White Joint Compound with Paint and Beige Adhesive		2% Chrysotile	4800 sqft	
	MA-DWS-08-B	White Drywall with Brown Paper		ND	NA	
412	MA-DWS-08-C	White Joint Compound with Paint and Beige Adhesive		2% Chrysotile	4800 sqft	
	MA-DWS-08-C	White Drywall with Brown Paper		ND	NA	
413	MA-DWS-08-D	White Joint Compound with Paint and Beige Adhesive		2% Chrysotile	4800 sqft	
	MA-DWS-08-D	White Drywall with Brown Paper		ND	NA	
414	MA-DWS-08-E	White Joint Compound with Paint and Beige Adhesive		2% Chrysotile	4800 sqft	
	MA-DWS-08-E	White Drywall with Brown Paper		ND	NA	
415	MA-CT-09-A	Off-White Ceiling Tile with White Surface		Floor 1 Admin Rooms	ND	NA
416	MA-CT-09-B	Off-White Ceiling Tile with White Surface			ND	NA
417	MA-CT-09-C	Off-White Ceiling Tile with White Surface	ND		NA	
418	MA-CB-15-A	Beige Baseboard	Floor 1 West Area Hall Bathroom	ND	NA	
	MA-CB-15-A	Cream Mastic		ND	NA	
	MA-CB-15-A	White Joint Compound with Paint		ND	NA	
419	MA-CB-15-B	Beige Baseboard		ND	NA	
	MA-CB-15-B	Cream Mastic		ND	NA	
	MA-CB-15-B	White Joint Compound with Paint		ND	NA	
420	MA-CB-15-C	Beige Baseboard		ND	NA	
	MA-CB-15-C	Cream Mastic		ND	NA	

	MA-CB-15-C	White Joint Compound with Paint		ND	NA
421	MA-SF-18-A	Blue Sheet Flooring	Floor 1 Salon	ND	NA
	MA-SF-18-A	Yellow Mastic with Gray Leveling Compound		ND	NA
422	MA-SF-18-B	Blue Sheet Flooring		ND	NA
	MA-SF-18-B	Yellow Mastic with Gray Leveling Compound		ND	NA
423	MA-SF-18-C	Blue Sheet Flooring		ND	NA
	MA-SF-18-C	Yellow Mastic with Gray Leveling Compound		ND	NA
424	MA-SF-19-A	Tan Sheet Flooring with Fibrous Backing and Brown Mastic	Floor 1 Salon Bathroom and Underneath Teal Sheet Flooring	ND	NA
	MA-SF-19-A	Yellow Mastic		ND	NA
425	MA-SF-19-B	Tan Sheet Flooring with Fibrous Backing and Brown Mastic		ND	NA
426	MA-SF-19-C	Tan Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-19-C	Beige Sheet Flooring with Fibrous Backing with Brown Mastic	15% Chrysotile	180 sqft*	
427	MA-CB-16-A	Green Baseboard	Floor 1 Salon	ND	NA
	MA-CB-16-A	White Texture		ND	NA
428	MA-CB-16-B	Green Baseboard		ND	NA
	MA-CB-16-B	Beige Mastic		ND	NA
429	MA-CB-16-C	Green Baseboard		ND	NA
	MA-CB-16-C	Beige Mastic		ND	NA
430	MA-CB-17-A	Tan Baseboard	Floor 1 Salon Bathroom	ND	NA
	MA-CB-17-A	Brown Mastic		ND	NA
	MA-CB-17-A	Beige Non-Fibrous Material		ND	NA
	MA-CB-17-A	Brown Paper		ND	NA
431	MA-CB-17-B	Tan Baseboard		ND	NA
	MA-CB-17-B	Brown Mastic		ND	NA
	MA-CB-17-B	Beige Non-Fibrous Material		ND	NA
	MA-CB-17-B	Brown Paper		ND	NA
432	MA-CB-17-C	Tan Baseboard	ND	NA	
	MA-CB-17-C	Brown Mastic	ND	NA	
	MA-CB-17-C	Beige Non-Fibrous Material	ND	NA	
	MA-CB-17-C	Brown Paper	ND	NA	

433	MA-CPT-18-A	Yellow Carpet Mastic	Floor 1 Hallway Near Salon	ND	NA
	MA-CPT-18-A	Gray Cementitious Material		ND	NA
434	MA-CPT-18-B	Yellow Carpet Mastic		ND	NA
	MA-CPT-18-B	Gray Cementitious Material		ND	NA
435	MA-CPT-18-C	Yellow Carpet Mastic		ND	NA
	MA-CPT-18-C	Gray Cementitious Material		ND	NA
436	MA-FT-24-A	White Floor Tile	Floor 1 Cooler 1	ND	NA
	MA-FT-24-A	Yellow Mastic		ND	NA
437	MA-FT-24-B	White Floor Tile		ND	NA
	MA-FT-24-B	Yellow Mastic		ND	NA
438	MA-FT-24-C	White Floor Tile		ND	NA
	MA-FT-24-C	Yellow Mastic		ND	NA
439	MA-GRT-16-A	White Grout	Floor 1 Coolers 1-3 Associated with Tiles	ND	NA
	MA-GRT-16-A	Gray Cementitious Material		ND	NA
440	MA-GRT-16-B	White Grout		ND	NA
	MA-GRT-16-B	Gray Cementitious Material		ND	NA
441	MA-GRT-16-C	White Grout		ND	NA
	MA-GRT-16-C	Gray Cementitious Material		ND	NA
442	MA-CPT-19-A	Brown Carpet	Floor 1 Locker Room (Maintenance Office)	ND	NA
	MA-CPT-19-A	Yellow Mastic		ND	NA
443	MA-CPT-19-B	Brown Carpet		ND	NA
	MA-CPT-19-B	Yellow Mastic		ND	NA
444	MA-CPT-19-C	Brown Carpet		ND	NA
	MA-CPT-19-C	Yellow Mastic		ND	NA
445	MA-FT-25-A	Black Flooring	Floor 1 Work Area/Storage/Loading	3% Chrysotile	1350 sqft
	MA-FT-25-A	Brown Mastic (Trace)		2% Chrysotile	1350 sqft
446	MA-FT-25-B	Black Flooring		3% Chrysotile	1350 sqft
	MA-FT-25-B	Brown Mastic (Trace)		2% Chrysotile	1350 sqft
447	MA-FT-25-C	Black Flooring		3% Chrysotile	1350 sqft
	MA-FT-25-C	Brown Mastic (Trace)		2% Chrysotile	1350 sqft

448	MA-FT-25-D	Black Flooring	Floor 1 Work Area/Storage	3% Chrysotile	1350 sqft
	MA-FT-25-D	Brown Mastic (Trace)		2% Chrysotile	1350 sqft
449	MA-FT-25-E	Black Flooring		3% Chrysotile	1350 sqft
	MA-FT-25-E	Brown Mastic (Trace)		2% Chrysotile	1350 sqft
450	MA-DWS-10-A	White Drywall with Brown Paper		ND	NA
451	MA-DWS-10-B	White Joint Compound		ND	NA
	MA-DWS-10-B	Cream Tape		ND	NA
	MA-DWS-10-B	White Drywall with Brown Paper		ND	NA
	MA-DWS-10-C	White Joint Compound	ND	NA	
452	MA-DWS-10-C	White Drywall with Brown Paper	ND	NA	
	MA-GRT-17-A	Gray Grout	Floor 1 Work Area, Basement. Associated with Brick Walls	ND	NA
454	MA-GRT-17-B	Gray Grout		ND	NA
455	MA-GRT-17-C	Gray Grout		ND	NA
456	MA-GRT-17-D	Gray Grout		ND	NA
457	MA-GRT-17-E	Gray Grout		ND	NA
458	MA-GRT-17-F	Gray Grout		ND	NA
	MA-GRT-17-F	White Non-Fibrous Material		ND	NA
459	MA-GRT-17-G	Gray Grout		ND	NA
460	MA-WG-02-A	Tan Window Glazing	Floor 1 Work Area Window Near Access	ND	NA
461	MA-WG-02-B	Tan Window Glazing		ND	NA
462	MA-WG-02-C	Tan Window Glazing		ND	NA
463	MA-PLAS-05-A	Gray Plaster with Paint	Floor 1 Work Area, Basement	ND	NA
464	MA-PLAS-05-B	Gray Plaster with Paint		ND	NA
465	MA-PLAS-05-C	White Skim Coat with Paint		ND	NA
	MA-PLAS-05-C	Gray Plaster		ND	NA
466	MA-PLAS-05-D	White Skim Coat with Paint		ND	NA
	MA-PLAS-05-D	Gray Plaster		ND	NA
467	MA-PLAS-05-E	Gray Plaster with Paint	ND	NA	
468	MA-SF-20-A	Tan Sheet Flooring with Fibrous Backing	Floor 1 Pit Room	ND	NA
	MA-SF-20-A	Brown Mastic		ND	NA

469	MA-SF-20-B	Tan Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-20-B	Brown Mastic		ND	NA
470	MA-SF-20-C	Tan Sheet Flooring with Fibrous Backing		ND	NA
	MA-SF-20-C	Brown Mastic		ND	NA
471	MA-SF-21-A	Brown Sheet Flooring with Fibrous Backing	Floor 1 Pit Room	15% Chrysotile	500 sqft
	MA-SF-21-A	Yellow Mastic		ND	NA
472	MA-SF-21-B	Brown Sheet Flooring with Fibrous Backing		15% Chrysotile	500 sqft
	MA-SF-21-B	Yellow Mastic		ND	NA
473	MA-SF-21-C	Brown Sheet Flooring with Fibrous Backing		15% Chrysotile	500 sqft
	MA-SF-21-C	Yellow Mastic		ND	NA
474	MA-CB-13-A	Black Baseboard	Floor 1 Storage Room	ND	NA
	MA-CB-13-A	Tan Mastic		ND	NA
475	MA-CB-13-B	Black Baseboard		ND	NA
	MA-CB-13-B	Tan Mastic		ND	NA
476	MA-CB-13-C	Black Baseboard		ND	NA
	MA-CB-13-C	Tan Mastic		ND	NA
477	MA-GRT-18-A	Gray Grout	Floor 1 Work Area, Locker Room (Maintenance Office), Basement	ND	NA
478	MA-GRT-18-B	Gray Grout		ND	NA
479	MA-GRT-18-C	Gray Grout		ND	NA
480	MA-CON-03-A	Gray Concrete	Floor 1 Work Area and Basement Floors	ND	NA
481	MA-CON-03-B	Gray Concrete		ND	NA
482	MA-CON-03-C	Gray Concrete		ND	NA
483	MA-CON-03-D	Gray Concrete		ND	NA
484	MA-CON-03-E	Gray Concrete		ND	NA
485	MA-CON-03-F	Gray Concrete		ND	NA
486	MA-CON-03-G	Gray Concrete		ND	NA
487	MA-CON-04-A	Gray Concrete	Floor 1 Work Area and Basement Walls	ND	NA
488	MA-CON-04-B	Gray Concrete		ND	NA
489	MA-CON-04-C	Gray Concrete		ND	NA
490	MA-CON-04-D	Gray Concrete		ND	NA

491	MA-CON-04-E	Gray Concrete		ND	NA	
492	MA-CON-04-F	Gray Concrete		ND	NA	
493	MA-CON-04-G	Gray Concrete		ND	NA	
494	MA-FT-26-A	Red Floor Tile	Basement Under Stairs	2% Chrysotile	5 sqft	
	MA-FT-26-A	Black Mastic		3% Chrysotile	5 sqft	
495	MA-FT-26-B	Red Floor Tile		2% Chrysotile	5 sqft	
	MA-FT-26-B	Black Mastic		3% Chrysotile	5 sqft	
496	MA-FT-26-C	Red Floor Tile		2% Chrysotile	5 sqft	
	MA-FT-26-C	Black Mastic		3% Chrysotile	5 sqft	
497	MA-FT-27-A	Brown Floor Tile		Basement Under Stairs	2% Chrysotile	5 sqft
498	MA-FT-27-B	Brown Floor Tile			2% Chrysotile	5 sqft
499	MA-FT-27-C	Brown Floor Tile			2% Chrysotile	5 sqft
500	MA-TSI-01-A	Brown Insulation	Throughout Chase on All Floors	ND	NA	
501	MA-TSI-01-B	Brown Insulation		30% Chrysotile	100 LF*	
502	MA-TSI-01-C	Brown Insulation		30% Chrysotile	100 LF*	
503	MA-TSI-01-D	Brown Insulation		30% Chrysotile	100 LF*	
504	MA-TSI-01-E	Brown Insulation		30% Chrysotile	100 LF*	
507	MA-TSI-02-A	Yellow Insulation	Basement on Stand-Alone Storage Tank	ND	NA	
	MA-TSI-02-A	Beige Semi-Fibrous Material		ND	NA	
	MA-TSI-02-A	Silver Foil		ND	NA	
508	MA-TSI-02-B	Yellow Insulation		ND	NA	
	MA-TSI-02-B	Beige Semi-Fibrous Material		ND	NA	
	MA-TSI-02-B	Silver Foil		ND	NA	
509	MA-TSI-02-C	Yellow Insulation		ND	NA	
	MA-TSI-02-C	Beige Semi-Fibrous Material		ND	NA	
	MA-TSI-02-C	Silver Foil		ND	NA	
510	MA-TSI-03-A	Yellow Insulation	Basement Dual Boilers Large Areas	ND	NA	
	MA-TSI-03-A	Silver Foil		ND	NA	
511	MA-TSI-03-B	Yellow Insulation		ND	NA	
	MA-TSI-03-B	Silver Foil		ND	NA	

512	MA-TSI-03-C	Yellow Insulation	Basement Dual Boilers Transmission Lines	ND	NA	
	MA-TSI-03-C	Silver Foil		ND	NA	
513	MA-TSI-04-A	Gray Insulation		7% Chrysotile	2500 sqft	
	MA-TSI-04-A	Yellow Insulation		ND	NA	
514	MA-TSI-04-B	Gray Insulation		7% Chrysotile	2500 sqft	
	MA-TSI-04-B	Yellow Insulation		ND	NA	
515	MA-TSI-04-C	Gray Insulation		7% Chrysotile	2500 sqft	
	MA-TSI-04-C	Yellow Insulation		ND	NA	
516	MA-TSI-04-D	Gray Insulation		7% Chrysotile	2500 sqft	
	MA-TSI-04-D	Yellow Insulation		ND	NA	
517	MA-TSI-04-E	Gray Insulation		7% Chrysotile	2500 sqft	
	MA-TSI-04-E	Yellow Insulation		ND	NA	
518	MA-RS-02-A	Black Roofing Material		Floor 1 SW Roof (Area with Proposed Construction)	2% Chrysotile	3200 sqft
	MA-RS-02-A	Brown Roofing Material			ND	NA
	MA-RS-02-A	White Drywall with Brown Paper	ND		NA	
519	MA-RS-02-B	Black Roofing Material	2% Chrysotile		3200 sqft	
	MA-RS-02-B	Brown Roofing Material	ND		NA	
	MA-RS-02-B	White Drywall with Brown Paper	ND		NA	
520	MA-RS-02-C	Black Roofing Material	2% Chrysotile		3200 sqft	
	MA-RS-02-C	Brown Roofing Material	ND		NA	
	MA-RS-02-C	White Drywall with Brown Paper	ND		NA	
521	MA-RS-02-D	Black Roofing Material	2% Chrysotile		3200 sqft	
	MA-RS-02-D	Brown Roofing Material	ND		NA	
	MA-RS-02-D	White Drywall with Brown Paper	ND		NA	
522	MA-RS-02-E	Black Roofing Material	2% Chrysotile		3200 sqft	
	MA-RS-02-E	Brown Roofing Material	ND		NA	
	MA-RS-02-E	White Drywall with Brown Paper	ND		NA	
523	MA-SC-02-A	White Skim Coat with Paint	Floor 1 West Exterior Wall (Area with Proposed Construction)	ND	NA	
	MA-SC-02-A	Gray Stucco		ND	NA	
	MA-SC-02-A	White Foam		ND	NA	

524	MA-SC-02-A	Yellow Semi-Fibrous Material		ND	NA	
	MA-SC-02-B	White Skim Coat with Paint		ND	NA	
	MA-SC-02-B	Gray Stucco		ND	NA	
	MA-SC-02-B	White Foam		ND	NA	
	MA-SC-02-B	Yellow Semi-Fibrous Material		ND	NA	
525	MA-SC-02-C	White Skim Coat with Paint		ND	NA	
	MA-SC-02-C	Pink Stucco		ND	NA	
	MA-SC-02-C	Gray Stucco		ND	NA	
	MA-SC-02-C	White Foam		ND	NA	
	MA-SC-02-C	Yellow Semi-Fibrous Material		ND	NA	
526	MA-GRT-19-A	Gray Grout	Floor 1 SW Sandstone Facade (Area with Proposed Construction)	ND	NA	
527	MA-GRT-19-B	Gray Grout		ND	NA	
528	MA-GRT-19-C	Gray Grout		ND	NA	
529	MA-TSI-05-A	Gray Insulation	Throughout Chase on All Floors	60% Chrysotile	100 LF*	
530	MA-TSI-05-B	Gray Insulation		60% Chrysotile	100 LF*	
531	MA-TSI-05-C	Gray Insulation		60% Chrysotile	100 LF*	
532	MA-TSI-05-D	Gray Insulation		60% Chrysotile	100 LF*	
533	MA-TSI-05-E	Gray Insulation		60% Chrysotile	100 LF*	
534	MA-TSI-06-A	Yellow Insulation	Floor 1 Salon	ND	NA	
	MA-TSI-06-A	Brown Paper		ND	NA	
535	MA-TSI-06-B	Yellow Insulation		ND	NA	
	MA-TSI-06-B	Brown Paper		ND	NA	
536	MA-TSI-06-C	Yellow Insulation		ND	NA	
	MA-TSI-06-C	Brown Paper		ND	NA	
537	MA-TSI-07-A	Gray Insulation		Basement Boiler/Chiller	7% Chrysotile	730 sqft
	MA-TSI-07-A	Yellow Insulation			ND	NA
538	MA-TSI-07-B	Gray Insulation			7% Chrysotile	730 sqft
	MA-TSI-07-B	Yellow Insulation			ND	NA
539	MA-TSI-07-C	Gray Insulation	7% Chrysotile		730 sqft	
	MA-TSI-07-C	Yellow Insulation	ND		NA	

540	MA-TSI-08-A	Brown Non-Fibrous Material	Basement Chase Feed Tunnel	ND	NA
	MA-TSI-08-A	Gray Cementitious Material		ND	NA
541	MA-TSI-08-B	Brown Non-Fibrous Material		ND	NA
	MA-TSI-08-B	Gray Cementitious Material		ND	NA
542	MA-TSI-08-C	Brown Non-Fibrous Material		ND	NA
	MA-TSI-08-C	Gray Cementitious Material		ND	NA

Notes:

* Asbestos type and percentage provided for identifying amount of friable and non-friable ACM.

- Bold Positive Asbestos Result
- LF Lineal Feet
- NA Not applicable
- ND Not detected
- SF Square Feet

Table 2A: Summary of Roof, Basement, and Stairwell Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
921	White	3rd Floor Main Stairwell	Wall A	Plaster	0.0	NA
922	White	3rd Floor Main Stairwell	Wall B	Plaster	0.0	NA
923	White	3rd Floor Main Stairwell	Wall C	Plaster	0.0	NA
924	White	3rd Floor Main Stairwell	Wall D	Plaster	0.0	NA
925	Blue	3rd Floor Main Stairwell	Hand Railing	Metal	0.0	NA
926	White	Roof Access Stairwell 3rd Floor	Wall A	Plaster	0.0	NA
927	White	Roof Access Stairwell 3rd Floor	Wall B	Plaster	0.0	NA
928	White	Roof Access Stairwell 3rd Floor	Wall C	Plaster	1.1	NA
929	White	Roof Access Stairwell 3rd Floor	Wall D	Plaster	0.1	NA
930	Blue	Roof Access Stairwell 3rd Floor	Hand Railing	Metal	0.0	NA
931	Brown	Roof Access Stairwell 3rd Floor	Door, Wall A	Metal	0.0	NA
932	White	Fire Staircase 3rd Floor	Wall A	Plaster	0.0	NA
933	White	Fire Staircase 3rd Floor	Wall C	Plaster	0.0	NA
934	White	Fire Staircase 3rd Floor	Wall D	Plaster	0.0	NA
935	White	Fire Staircase 3rd Floor	Hand Railing	Metal	0.0	NA
936	Brown	Fire Staircase 3rd Floor	Door, Wall A	Metal	0.0	NA
948	Off White	Exterior Small Building Roof	Wall A	Concrete	2.3	NA
949	Off White	Exterior Small Building Roof	Wall D	Concrete	8.0	NA
950	Off White	Exterior Small Building Roof	Wall C	Concrete	6.6	NA
951	Green	Interior Small Building Roof	Wall A	Concrete	0.1	NA
952	Green	Interior Small Building Roof	Wall B	Concrete	0.0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
953	Green	Interior Small Building Roof	Wall C	Concrete	0.0	NA
954	Green	Interior Small Building Roof	Wall D	Concrete	0.1	NA
955	White	Basement	Wall A	Concrete	0.4	NA
956	White	Basement	Wall B	Concrete	0.0	NA
957	White	Basement	Wall C	Concrete	0.2	NA
958	White	Basement	Wall D	Concrete	0.5	NA

Notes:

Bold: Result exceeds 1 mg/cm² lead

Method: NIOSH 7082 & EPA 7000B modified

Table 2B: Summary of First Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
493	Pink	Room 111	Wall A	Plaster	0.1	NA
494	White Confetti Wallpaper	Room 111	Wall B	Plaster	0.0	NA
495	Pink	Room 111	Wall C	Plaster	0.1	NA
496	Pink	Room 111	Wall D	Plaster	0.0	NA
497	Pink	Room 111	Window Jamb, Wall C	Metal	11.6	NA
498	White	Room 111	Inside Closet, Wall C	Plaster	0.0	NA
499	White	Room 111	Main Door, Wall A	Wood	0.0	NA
500	Pink	Room 111	Door Jamb Bathroom, Wall D	Metal	0.2	NA
501	Off-White	Room 109	Wall A	Plaster	0.0	NA
502	Flower Wallpaper	Room 109	Wall B	Plaster	0.1	NA
503	Off-White	Room 109	Wall C	Plaster	0.2	NA
504	Off-White	Room 109	Wall D	Plaster	0.1	NA
505	White	Room 109	Window Jamb, Wall C	Metal	7.6	NA
506	White	Room 109	Closet Ceiling, Wall D	Plaster	0.2	NA
507	Off-White	Room 109	Radiator, Wall C	Metal	0.0	NA
508	Off-White	Room 109	Bathroom Door, Wall D	Wood	0.0	NA
509	Off-White	Room 121	Wall A	Drywall	0.0	NA
510	Off-White	Room 121	Wall B	Plaster	0.6	NA
511	Off-White	Room 121	Wall C	Plaster	0.4	NA
512	Off-White	Room 121	Wall D	Plaster	0.5	NA
513	White	Room 121	Door Jamb Bathroom, Wall B	Wood	0.0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
514	White	Room 121	Window Jamb, Wall A	Metal	6.0	NA
515	White	Room 121	Radiator, Wall A	Metal	0.0	NA
516	White	Room 121	Closet Door, Wall C	Wood	0.0	NA
517	Off-White	Room 120	Wall A	Plaster	2.8	NA
518	Off-White	Room 120	Wall B	Plaster	2.8	NA
519	Off-White	Room 120	Wall C	Plaster	2.3	NA
520	Off-White	Room 120	Wall D	Plaster	1.4	NA
521	Off-White	Room 120	Closet Door, Wall D	Wood	0.0	NA
522	White	Room 120	Window Jamb, Wall A	Metal	8.6	NA
523	White	Room 120	Bathroom Door, Wall D	Wood	0.0	NA
524	White	Room 120	Main Door, Jamb, Wall C	Metal	1.6	NA
525	Off-White	Room 119	Wall A	Plaster	3.1	NA
526	Off-White	Room 119	Wall B	Plaster	0.1	NA
527	Off-White	Room 119	Wall C	Plaster	2.3	NA
528	Off-White	Room 119	Wall D	Plaster	0.1	NA
529	White	Room 119	Radiator, Wall A	Metal	0.0	NA
530	White	Room 119	Window Jamb, Wall A	Metal	8.2	NA
531	Off-White	Room 119	Closet Door, Wall B	Wood	0	NA
532	White	Room 119	Main Door, Jamb, Wall C	Metal	0.9	NA
533	White	Room 116	Wall A	Plaster	0.3	NA
534	White	Room 116	Wall B	Plaster	0.1	NA
535	White	Room 116	Wall C	Plaster	0.1	NA
536	White	Room 116	Wall D	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
537	White	Room 116	Window Jamb, Wall A	Metal	6.5	NA
538	White	Room 116	Door Jamb, Bathroom, Wall D	Metal	0	NA
539	White	Room 116	Closet Door, Wall D	Wood	0	NA
540	White	Room 116	Main Door, Jamb, Wall C	Metal	0.4	NA
717	Off-White	Bathroom 9	Wall A	Drywall	0	NA
718	Off-White	Bathroom 9	Wall B	Drywall	0	NA
719	Off-White	Bathroom 9	Wall C	Drywall	0.1	NA
720	Off-White	Bathroom 9	Wall D	Plaster	0.2	NA
721	White	Bathroom 9	Doot	Wood	0	NA
722	White	Bathroom 8	Wall A	Plaster	0.2	NA
723	White	Bathroom 8	Wall B	Plaster	0	NA
724	White	Bathroom 8	Wall C	Plaster	0	NA
725	White	Bathroom 8	Wall D	Plaster	0	NA
726	White	Bathroom 8	Door Jamb	Metal	0.5	NA
727	White	Bathroom 1	Wall A	Drywall	0.1	NA
728	White	Bathroom 1	Wall B	Drywall	0	NA
729	White	Bathroom 1	Wall C	Drywall	0	NA
730	White	Bathroom 1	Wall D	Plaster	0.7	NA
731	White	Bathroom 1	Door Frame	Metal	0	NA
732	White	Bathroom 3	Wall A	Drywall	0	NA
733	White	Bathroom 3	Wall B	Drywall	0	NA
734	White	Bathroom 3	Wall C	Plaster	0.5	NA
735	White	Bathroom 3	Wall D	Drywall	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
736	White	Bathroom 3	Shelf	Wood	1.2	NA
826	Tan	Hallway	Wall A	Plaster	0	NA
827	Tan	Hallway	Wall B	Plaster	0.4	NA
828	Dark Blue	Hallway	Wall C	Plaster	0	NA
829	White	Hallway	Wall D	Drywall	0	NA
830	Light Blue	Men's Bathroom	Wall A	Plaster	0.4	NA
831	Light Blue	Men's Bathroom	Wall B	Plaster	0	NA
832	Light Blue	Men's Bathroom	Wall C	Plaster	0.1	NA
833	Light Blue	Men's Bathroom	Wall D	Plaster	0.3	NA
834	Tan	Men's Bathroom	Radiator	Metal	0	NA
835	Cream	Men's Bathroom	Door Jamb	Metal	0	NA
842	White	Workshop	Wall A	Plaster	0	NA
843	White	Workshop	Wall B	Brick	1.7	NA
844	White	Workshop	Wall C	Brick	2.3	NA
845	White	Workshop	Wall D	Plaster	0	NA
846	White	Workshop	Secondary Wall	Brick	0.5	NA
847	White	Workshop	Secondary Wall	Brick	2.1	NA
848	Peach	Storage	Wall A	Plaster	0	NA
849	White	Storage	Wall B	Tile	1.2	NA
850	White	Storage	Wall C	Tile	0	NA
851	White	Storage	Wall D	Concrete	0	NA
852	Off-White	Pit Room	Wall A	Concrete	0	NA
853	White	Pit Room	Wall B	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
854	Black	Pit Room	Wall C	Plaster	0.2	NA
855	Pink	Pit Room	Wall D	Plaster	0.1	NA
856	White	Maintenance Office	Wall A	Plaster	0.3	NA
857	Peach	Maintenance Office	Wall B	Plaster	0	NA
858	Peach	Maintenance Office	Wall C	Plaster	0	NA
859	Peach	Maintenance Office	Wall D	Plaster	0	NA
860	Cream	Washroom	Wall A	Plaster	0.3	NA
861	Cream	Washroom	Wall B	Plaster	0	NA
862	Cream	Washroom	Wall C	Plaster	0	NA
863	Cream	Washroom	Wall D	Plaster	0	NA
864	Peach	Cooler 3	Wall A	Plaster	0	NA
865	Peach	Cooler 3	Wall B	Plaster	0	NA
866	Peach	Cooler 3	Wall C	Plaster	0	NA
867	Peach	Cooler 3	Wall D	Plaster	0.1	NA
868	White	Cooler 1	Wall A	Plaster	0	NA
869	White	Cooler 1	Wall B	Plaster	0	NA
870	White	Cooler 1	Wall C	Plaster	0.1	NA
871	White	Cooler 1	Wall D	Tile	1.6	NA
872	White	Main Kitchen	Wall A	Plaster	0.1	NA
873	White	Main Kitchen	Wall B	Plaster	0	NA
874	White	Main Kitchen	Wall C	Plaster	0	NA
875	White	Main Kitchen	Wall D	Plaster	0.2	NA
876	White	Waiting Room	Wall A	Plaster	0.3	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
877	White	Waiting Room	Wall B	Plaster	0.1	NA
878	White	Waiting Room	Wall C	Plaster	0	NA
879	White	Waiting Room	Wall D	Plaster	0	NA
880	Red	Waiting Room	Door Frame	Wood	0	NA
881	Beige	Waiting Room	Window Frame	Wood	0.4	NA
882	White	Waiting Room	Door Frame	Wood	0	NA
883	Peach	Hallway 2	Wall A	Plaster	0.5	NA
884	Peach	Hallway 2	Wall B	Plaster	0	NA
885	Peach	Hallway 2	Wall C	Plaster	0.1	NA
886	Peach	Hallway 2	Wall D	Plaster	0.1	NA
887	Red	Administration	Wall A	Plaster	0	NA
888	Tan	Administration	Wall B	Plaster	0.1	NA
889	Red	Administration	Wall C	Drywall	0	NA
890	Red	Administration	Wall D	Plaster	0.2	NA
891	Tan	Administration	Door Frame	Metal	0	NA
892	Cream	Mail Room	Wall A	Plaster	0	NA
893	Cream	Mail Room	Wall B	Plaster	0	NA
894	Cream	Mail Room	Wall C	Plaster	0	NA
895	Cream	Mail Room	Wall D	Plaster	0	NA
896	Cream	Mail Room	Radiator	Metal	0	NA
897	Off-White	Bright Room	Wall A	Drywall	0.1	NA
898	Green	Bright Room	Wall B	Drywall	0.1	NA
899	Off-White	Bright Room	Wall C	Drywall	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
900	Green	Bright Room	Wall D	Drywall	0	NA
901	Green	Bright Room	Radiator	Metal	0	NA
902	White	Bright Room	Closet Frame	Wood	0	NA
903	Lime	Employee Bathroom	Wall A	Drywall	0.1	NA
904	Lime	Employee Bathroom	Wall B	Plaster	0	NA
905	Lime	Employee Bathroom	Wall C	Drywall	0	NA
906	Lime	Employee Bathroom	Wall D	Drywall	0	NA
907	White	Employee Bathroom	Ceiling	Drywall	0	NA
908	Lime	Employee Bathroom	Radiator	Metal	0	NA
909	Aqua	Salon	Wall A	Plaster	0	NA
910	Aqua	Salon	Wall B	Plaster	0.1	NA
911	Aqua	Salon	Wall C	Plaster	0	NA
912	Aqua	Salon	Wall D	Drywall	0	NA
913	White	Salon	Door	Wood	0	NA
914	Cream	Salon	Counter Top	Wood	0	NA
915	Light Green	Big Office	Wall A	Plaster	0.4	NA
916	Green	Big Office	Wall B	Plaster	0.3	NA
917	Purple	Big Office	Wall C	Plaster	0.3	NA
918	Green	Big Office	Wall D	Plaster	0.9	NA
919	White	Big Office	Window Frame	Wood	0	NA
920	White	Big Office	Ceiling	Plaster	0	NA

Table 2C: Summary of Second Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
248	Off-White	Room 238	Wall A	Drywall	0	NA
249	Off-White	Room 238	Wall B	Plaster	0	NA
250	Off-White	Room 238	Wall C	Plaster	0	NA
251	Off-White	Room 238	Wall D	Plaster	0	NA
252	Off-White	Room 238	Door Jamb	Metal	9.8	NA
253	White	Room 238	Bathroom Door	Wood	0	NA
254	White	Room 238	Cabinet	Wood	0.1	NA
255	Off-White	Room 238	Window Jamb	Metal	9.8	NA
256	Off-White	Room 237	Wall A	Drywall	0.1	NA
257	Off-White	Room 237	Wall B	Plaster	0.1	NA
258	Off-White	Room 237	Wall C	Plaster	0.2	NA
259	Off-White	Room 237	Window Jamb	Metal	11.8	NA
260	Black	Room 237	Floor Heater	Metal	0	NA
261	Off-White	Room 237	Door Frame	Metal	0	NA
262	White	Room 237	Main Door	Wood	0	NA
263	Off-White	Room 237	Wall D	Plaster	0.1	NA
264	Off-White	Room 236	Wall A	Plaster	0	NA
265	Off-White	Room 236	Wall B	Plaster	0.2	NA
266	Off-White	Room 236	Wall C	Drywall	0.1	NA
267	Black	Room 236	Floor Heater	Metal	0	NA
268	White	Room 236	Bathroom Door Jamb	Metal	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
269	Off-White	Room 236	Cabinet	Wood	0	NA
270	Off-White	Room 236	Door	Wood	0.1	NA
271	Off-White	Room 236	Wall D	Plaster	0	NA
272	Off-White	Room 235	Wall A	Drywall	0.1	NA
273	Off-White	Room 235	Wall B	Plaster	0.2	NA
274	Off-White	Room 235	Wall C	Plaster	0.1	NA
275	Off-White	Room 235	Wall D	Plaster	0.2	NA
276	Off-White	Room 235	Floor Heater	Metal	0	NA
277	Off-White	Room 235	Window Casing	Plaster	0	NA
278	Off-White	Room 235	Door	Wood	0	NA
279	White	Room 235	Main Door	Wood	0	NA
280	Off-White	Room 245	Wall A	Drywall	0.1	NA
281	Off-White	Room 245	Wall B	Plaster	0.1	NA
282	Off-White	Room 245	Wall C	Plaster	0	NA
283	Off-White	Room 245	Wall D	Plaster	0.1	NA
284	White	Room 245	Window Jamb	Metal	8.7	NA
285	Off-White	Room 245	Window Casing	Plaster	0	NA
286	White	Room 245	Door Jamb	Metal	0	NA
287	White	Room 245	Main Door	Wood	0	NA
288	White	Room 219	Wall A	Plaster	0	NA
289	White	Room 219	Wall B	Plaster	0	NA
290	White	Room 219	Wall C	Drywall	0	NA
291	White	Room 219	Wall D	Drywall	0.1	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
292	White	Room 219	Window Jamb	Metal	12.4	NA
293	White	Room 219	Ceiling	Plaster	0.1	NA
294	White	Room 219	Ceiling	Plaster	0.3	NA
295	White	Room 219	Door Jamb	Metal	0	NA
296	White	Room 219	Closet Wall	Plaster	0	NA
297	White	Room 32/No Physical Number	Wall A	Plaster	0.3	NA
298	White	Room 32/No Physical Number	Wall B	Drywall	0.1	NA
299	White	Room 32/No Physical Number	Wall C	Drywall	0	NA
300	White	Room 32/No Physical Number	Wall D	Plaster	0.2	NA
301	White	Room 32/No Physical Number	Window Jamb	Metal	10	NA
302	White	Room 32/No Physical Number	Floor Heater	Metal	0	NA
303	Off-White	Room 32/No Physical Number	Cabinet	Wood	0	NA
304	White	Room 32/No Physical Number	Door	Wood	0	NA
305	Yellow	Room 38/No Physical Number	Wall A	Plaster	0	NA
306	Yellow	Room 38/No Physical Number	Wall B	Plaster	0	NA
307	Yellow	Room 38/No Physical Number	Wall C	Plaster	0.1	NA
308	Yellow	Room 38/No Physical Number	Wall D	Drywall	0	NA
309	Yellow	Room 38/No Physical Number	Window Jamb	Metal	15.8	NA
310	White	Room 38/No Physical Number	Door Trim	Wood	0	NA
311	Yellow	Room 38/No Physical Number	Floor Heater	Metal	0	NA
312	White	Room 38/No Physical Number	Door	Wood	0	NA
313	Off-White	Room 36/No Physical Number	Wall A	Plaster	0.5	NA
314	Off-White	Room 36/No Physical Number	Wall B	Plaster	0.2	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
315	Off-White	Room 36/No Physical Number	Wall C	Plaster	0.5	NA
316	Off-White	Room 36/No Physical Number	Wall D	Drywall	0	NA
317	Off-White	Room 36/No Physical Number	Window Jamb	Metal	8.6	NA
318	White	Room 36/No Physical Number	Bathroom Door Casing	Wood	0	NA
319	Off-White	Room 36/No Physical Number	Ceiling	Plaster	0	NA
320	Off-White	Room 36/No Physical Number	Floor Heater	Metal	0	NA
321	Off-White	Room 209	Wall A	Plaster	0.1	NA
322	Off-White	Room 209	Wall B	Plaster	0	NA
323	Off-White	Room 209	Wall C	Plaster	0	NA
324	Off-White	Room 209	Floor Heater	Metal	0	NA
325	White	Room 209	Door Trim	Wood	0	NA
326	Off-White	Room 209	Cabinet	Wood	0	NA
327	White	Room 209	Main Door	Wood	0	NA
328	Off-White	Room 208	Wall A	Plaster	0	NA
329	Off-White	Room 208	Wall B	Plaster	0	NA
330	Off-White	Room 208	Wall C	Plaster	0	NA
331	Off-White	Room 208	Wall D	Plaster	0	NA
332	Off-White	Room 208	Bathroom Door Frame	Metal	0	NA
333	White	Room 208	Window Jamb	Metal	8.4	NA
334	White	Room 208	Bathroom Door	Wood	0	NA
335	White	Room 208	Main Door	Wood	0	NA
682	Off-White	Bathroom 22	Wall A	Plaster	0.1	NA
683	Off-White	Bathroom 22	Wall B	Drywall	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
684	Off-White	Bathroom 22	Wall C	Drywall	0	NA
685	Off-White	Bathroom 22	Wall D	Drywall	0.1	NA
686	White	Bathroom 22	Wall Heater	Metal	0.3	NA
687	Yellow	Bathroom 21	Wall A	Plaster	0	NA
688	Yellow	Bathroom 21	Wall B	Drywall	0	NA
689	Yellow	Bathroom 21	Wall C	Drywall	0	NA
690	Yellow	Bathroom 21	Wall D	Plaster	0	NA
691	Yellow	Bathroom 21	Ceiling	Plaster	0	NA
692	White	Bathroom 20	Wall A	Plaster	0.1	NA
693	White	Bathroom 20	Wall B	Drywall	0	NA
694	White	Bathroom 20	Wall C	Drywall	0	NA
695	White	Bathroom 20	Wall D	Drywall	0	NA
696	White	Bathroom 20	Door Jamb	Wood	0	NA
697	Off-White	Bathroom 14	Wall A	Drywall	0	NA
698	Off-White	Bathroom 14	Wall B	Drywall	0.1	NA
699	Off-White	Bathroom 14	Wall C	Drywall	0	NA
700	Off-White	Bathroom 14	Wall D	Drywall	0	NA
701	Off-White	Bathroom 14	Ceiling	Plaster	0	NA
702	White	Bathroom 13	Wall A	Plaster	0.5	NA
703	White	Bathroom 13	Wall B	Plaster	0	NA
704	White	Bathroom 13	Wall C	Plaster	0	NA
705	Flower Wallpaper	Bathroom 13	Wall D	Plaster	0	NA
706	White	Bathroom 13	Ceiling	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
707	Off-White	Bathroom 12	Wall A	Plaster	0	NA
708	Off-White	Bathroom 12	Wall B	Plaster	0.1	NA
709	Off-White	Bathroom 12	Wall C	Plaster	0	NA
710	Off-White	Bathroom 12	Wall D	Plaster	0	NA
711	Off-White	Bathroom 12	Wall Heater	Metal	0.3	NA
712	Yellow	Bathroom 10	Wall A	Plaster	0	NA
713	Yellow	Bathroom 10	Wall B	Plaster	0.1	NA
714	Yellow	Bathroom 10	Wall C	Drywall	0	NA
715	Yellow	Bathroom 10	Wall D	Drywall	0.5	NA
716	White	Bathroom 10	Ceiling	Plaster	0	NA
813	Peach	North Hallway	Wall A	Plaster	0	NA
814	Peach	North Hallway	Wall B	Plaster	0.1	NA
815	Peach	North Hallway	Wall C	Plaster	0	NA
816	Peach	North Hallway	Wall D	Plaster	0	NA
817	White	Laundry	Wall A	Plaster	0	NA
818	White	Laundry	Wall B	Plaster	0.1	NA
819	White	Laundry	Wall C	Plaster	0	NA
820	White	Laundry	Wall D	Plaster	0	NA
821	Cream	Elevator Door	Wall A	Metal	0	NA
822	Cream	South Hallway	Wall A	Plaster	0	NA
823	Cream	South Hallway	Wall B	Plaster	0.1	NA
824	Cream	South Hallway	Wall C	Plaster	0	NA
825	Cream	South Hallway	Wall D	Plaster	0	NA

Table 2D: Summary of Third Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
184	Light Peach	Room 315	Wall A	Plaster	0.2	NA
185	Light Peach	Room 315	Wall B	Plaster	0.1	NA
186	Floral Wallpaper	Room 315	Wall C	Plaster	0.2	NA
187	Light Peach	Room 315	Wall D	Plaster	0	NA
188	Light Peach	Room 315	Window Jamb	Metal	6.2	NA
189	Light Peach	Room 315	Ceiling	Plaster	0	NA
190	Light Peach	Room 315	Window Trim	Metal	0.2	NA
191	Light Peach	Room 315	Main Door	Wood	0	NA
192	Light Peach	Room 311	Wall A	Plaster	0	NA
193	Light Peach	Room 311	Wall B	Plaster	0	NA
194	Light Peach	Room 311	Wall C	Plaster	0.2	NA
195	Floral Wallpaper	Room 311	Wall D	Plaster	0.1	NA
196	Light Peach	Room 311	Window Jamb	Metal	9.5	NA
197	Light Peach	Room 311	Cabinets	Wood	0	NA
198	White	Room 311	Bathroom Door	Wood	0	NA
199	White	Room 311	Main Door Jamb	Metal	0.8	NA
200	White	Room 319	Wall A	Plaster	0.1	NA
201	White	Room 319	Wall B	Plaster	0	NA
202	White	Room 319	Wall C	Plaster	0	NA
203	White	Room 319	Wall D	Plaster	0	NA
204	White	Room 319	Window Jamb	Metal	11.5	NA
205	Black	Room 319	Floor Heater	Metal	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
206	White	Room 319	Bathroom Door	Wood	0	NA
207	White	Room 319	Closet Door	Wood	0	NA
208	Off-White	Room 305	Wall A	Plaster	0	NA
209	Off-White	Room 305	Wall B	Plaster	0.1	NA
210	Off-White	Room 305	Wall C	Plaster	0.1	NA
211	Off-White	Room 305	Wall D	Plaster	0	NA
212	Off-White	Room 305	Window Jamb	Metal	10.1	NA
213	Off-White	Room 305	Floor Heater	Metal	0	NA
214	White	Room 305	Bathroom Door	Wood	0	NA
215	White	Room 305	Main Door	Wood	0	NA
216	Off-White	Room 304	Wall A	Plaster	0	NA
217	Off-White	Room 304	Wall B	Plaster	0.1	NA
218	Striped Wallpaper	Room 304	Wall C	Plaster	0.1	NA
219	Off-White	Room 304	Wall D	Plaster	0	NA
220	White	Room 304	Window Frame	Metal	10.1	NA
221	Off-White	Room 304	Floor Heater	Metal	0	NA
222	White	Room 304	Bathroom Door	Wood	0	NA
223	White	Room 304	Main Door	Wood	0	NA
224	Pastel Wallpaper	Bedroom 43/No Physical Number	Wall A	Plaster	0.4	NA
225	Pastel Wallpaper	Bedroom 43/No Physical Number	Wall B	Plaster	0	NA
226	Pastel Wallpaper	Bedroom 43/No Physical Number	Wall C	Plaster	0.6	NA
227	Pastel Wallpaper	Bedroom 43/No Physical Number	Wall D	Drywall	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
228	Off-White	Bedroom 43/No Physical Number	Cabinets	Wood	0	NA
229	Off-White	Bedroom 43/No Physical Number	Cabinets	Wood	0	NA
230	Off-White	Bedroom 43/No Physical Number	Main Door Jamb	Metal	0.2	NA
231	Off-White	Bedroom 43/No Physical Number	Window Casing	Plaster	0.4	NA
232	White	Room 324	Wall A	Plaster	0.1	NA
233	White	Room 324	Wall B	Plaster	0	NA
234	White	Room 324	Wall C	Plaster	0	NA
235	Floral Wallpaper	Room 324	Wall D	Plaster	0	NA
236	White	Room 324	Window Jamb	Metal	8.5	NA
237	White	Room 324	Ceiling	Plaster	0	NA
238	White	Room 324	Door Jamb	Metal	0.3	NA
239	White	Room 324	Main Door	Wood	0	NA
240	Yellow	Room 322	Wall A	Plaster	0.1	NA
241	Yellow	Room 322	Wall B	Plaster	0	NA
242	Yellow	Room 322	Wall C	Plaster	0	NA
243	Yellow	Room 322	Wall D	Plaster	0	NA
244	White	Room 322	Window Jamb	Metal	11.2	NA
245	White	Room 322	Window Casing	Plaster	0	NA
246	Yellow	Room 322	Floor Heater	Metal	0	NA
247	White	Room 322	Bathroom Door	Wood	0	NA
657	Off-White	Bathroom 38	Wall A	Plaster	0	NA
658	Off-White	Bathroom 38	Wall B	Plaster	0	NA
659	Off-White	Bathroom 38	Wall C	Plaster	0.2	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
660	Off-White	Bathroom 38	Wall D	Plaster	0	NA
661	Off-White	Bathroom 38	Wall Heater	Metal	0.5	NA
662	Lime Green	Bathroom 42	Wall A	Plaster	0	NA
663	Lime Green	Bathroom 42	Wall B	Plaster	0	NA
664	Lime Green	Bathroom 42	Wall C	Plaster	0.2	NA
665	Lime Green	Bathroom 42	Wall D	Drywall	0	NA
666	White	Bathroom 42	Door Jamb	Metal	0.6	NA
667	Off-White	Bathroom 46	Wall A	Plaster	0.3	NA
668	Off-White	Bathroom 46	Wall B	Plaster	0	NA
669	Off-White	Bathroom 46	Wall C	Plaster	0.1	NA
670	Off-White	Bathroom 46	Wall D	Plaster	0	NA
671	Off-White	Bathroom 46	Wall Heater	Metal	0.5	NA
672	Off-White	Bathroom 48	Wall A	Plaster	0	NA
673	Off-White	Bathroom 48	Wall B	Plaster	0.1	NA
674	Off-White	Bathroom 48	Wall C	Plaster	0	NA
675	Off-White	Bathroom 48	Wall D	Plaster	0	NA
676	Off-White	Bathroom 48	Shelving	Wood	0	NA
677	Off-White	Bathroom 49	Wall A	Drywall	0	NA
678	Off-White	Bathroom 49	Wall B	Drywall	0	NA
679	Off-White	Bathroom 49	Wall C	Drywall	0	NA
680	Off-White	Bathroom 49	Wall D	Drywall	0	NA
681	Off-White	Bathroom 49	Door Jamb	Wood	0	NA
794	Blue	Open Area	Wall A	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
795	Blue	Open Area	Wall B	Plaster	0.2	NA
796	Blue	Open Area	Wall C	Plaster	0	NA
797	Blue	Open Area	Wall D	Plaster	0.1	NA
798	Light Blue	Island Wall	Wall A	Plaster	0	NA
799	Light Blue	Hallway 3	Wall A	Plaster	0	NA
800	Blue	Hallway 3	Wall B	Drywall	0	NA
801	Light Blue	Hallway 3	Wall C	Plaster	0	NA
802	Blue	Hallway 3	Wall D	Plaster	0	NA
803	Tan Wallpaper	Electrical	Wall A	Plaster	0	NA
804	Tan Wallpaper	Electrical	Wall B	Plaster	0	NA
805	Tan Wallpaper	Electrical	Wall C	Plaster	0	NA
806	Tan Wallpaper	Electrical	Wall D	Plaster	0	NA
807	White	Laundry	Wall A	Plaster	0	NA
808	White	Laundry	Wall B	Plaster	0	NA
809	White	Laundry	Wall C	Plaster	0	NA
810	White	Laundry	Wall D	Plaster	0	NA
811	Teal	Laundry	Cabinets	Wood	0.1	NA
812	White	Laundry	Counter	Wood	0	NA

Table 2E: Summary of Fourth Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
112	Off-White	Room 441	Wall A	Plaster	0	NA
113	Off-White	Room 441	Wall B	Plaster	0	NA
114	Off-White	Room 441	Wall C	Plaster	0.1	NA
115	Off-White	Room 441	Wall D	Plaster	0.1	NA
116	White	Room 441	Window Jamb	Metal	9.5	NA
117	White	Room 441	Door Jamb	Metal	0.2	NA
118	White	Room 441	Main Door	Wood	0	NA
119	Off-White	Room 441	Ceiling	Plaster	0	NA
120	Off-White	Room 441	Floor Heater	Metal	0	NA
121	Speckled Wallpaper	Room 443	Wall A	Plaster	0.1	NA
122	Light Pink	Room 443	Wall B	Plaster	0.1	NA
123	Light Pink	Room 443	Wall C	Plaster	0.1	NA
124	Light Pink	Room 443	Wall D	Plaster	0.2	NA
125	White	Room 443	Floor Heater	Metal	0	NA
126	White	Room 443	Window Jamb	Metal	8.1	NA
127	Light Pink	Room 443	Ceiling	Plaster	0.1	NA
128	White	Room 443	Main Door	Wood	0	NA
129	Light Pink	Room 445	Wall A	Plaster	0	NA
130	Light Pink	Room 445	Wall B	Plaster	0	NA
131	Light Pink	Room 445	Wall C	Plaster	0.2	NA
132	Light Pink	Room 445	Wall D	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
133	White	Room 445	Window Jamb	Metal	11.1	NA
134	White	Room 445	Main Door	Wood	0	NA
135	White	Room 445	Closet Door	Wood	0	NA
136	White	Room 445	Door Jamb	Metal	0.7	NA
137	Speckled Wallpaper	Room 447	Wall A	Plaster	0	NA
138	Off-White	Room 447	Wall B	Plaster	0	NA
139	Off-White	Room 447	Wall C	Plaster	0.2	NA
140	Off-White	Room 447	Wall D	Plaster	0	NA
141	White	Room 447	Window Jamb	Metal	8.1	NA
142	Off-White	Room 447	Closet Wall	Plaster	0	NA
143	White	Room 447	Main Door	Wood	0	NA
144	White	Room 447	Bathroom Door	Metal	0.3	NA
145	Speckled Wallpaper	Room 434	Wall A	Plaster	0	NA
146	Off-White	Room 434	Wall B	Plaster	0.1	NA
147	Off-White	Room 434	Wall C	Plaster	0	NA
148	White	Room 434	Window Jamb	Metal	11.9	NA
149	Off-White	Room 434	Ceiling	Plaster	0	NA
150	White	Room 434	Floor Heater	Metal	0	NA
151	White	Room 434	Door Jamb	Metal	0.2	NA
152	White	Room 424	Wall A	Plaster	0.2	NA
153	White	Room 424	Wall B	Plaster	0.1	NA
154	White	Room 424	Wall C	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
155	Speckled Wallpaper	Room 424	Wall D	Plaster	0.1	NA
156	White	Room 424	Window Jamb	Metal	17.9	NA
157	White	Room 424	Main Door	Wood	0.3	NA
158	White	Room 424	Door Jamb	Metal	0.9	NA
159	White	Room 424	Floor Heater	Metal	0	NA
160	Off-White	Room 423	Wall A	Plaster	0	NA
161	Off-White	Room 423	Wall B	Plaster	0	NA
162	Off-White	Room 423	Wall C	Plaster	0	NA
163	Speckled Wallpaper	Room 423	Wall D	Plaster	0	NA
164	White	Room 423	Door Jamb	Metal	0.2	NA
165	White	Room 423	Window Jamb	Metal	9.9	NA
166	Off-White	Room 423	Closet Door	Wood	0	NA
167	White	Room 423	Main Door	Wood	0	NA
168	Off-White	Room 422	Wall A	Plaster	0	NA
169	Off-White	Room 422	Wall B	Plaster	0.1	NA
170	Off-White	Room 422	Wall C	Plaster	0	NA
171	Off-White	Room 422	Wall D	Plaster	0	NA
172	White	Room 422	Window Jamb	Metal	12.4	NA
173	White	Room 422	Floor Heater	Metal	0	NA
174	White	Room 422	Bathroom Door	Wood	0.3	NA
175	Off-White	Room 422	Closet Door	Wood	0	NA
176	Off-White	Room 419	Wall A	Plaster	0.1	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
177	Speckled Wallpaper	Room 419	Wall B	Plaster	0.1	NA
178	Off-White	Room 419	Wall C	Plaster	0	NA
179	Off-White	Room 419	Wall D	Plaster	0	NA
180	White	Room 419	Main Door	Wood	0	NA
181	Off-White	Room 419	Floor Heater	Metal	9.3	NA
182	White	Room 419	Bathroom Door	Wood	0	NA
183	White	Room 419	Window Casing	Plaster	0.1	NA
612	Off-White	Bathroom 65	Wall A	Plaster	0.9	NA
613	Off-White	Bathroom 65	Wall B	Plaster	0	NA
614	Off-White	Bathroom 65	Wall C	Plaster	0.2	NA
615	Flower Wallpaper	Bathroom 65	Wall D	Plaster	0	NA
616	White	Bathroom 65	Wall Heater	Metal	0.7	NA
617	White	Bathroom 64	Wall A	Plaster	0	NA
618	White	Bathroom 64	Wall B	Plaster	0	NA
619	White	Bathroom 64	Wall C	Drywall	0	NA
620	White	Bathroom 64	Wall D	Drywall	0	NA
621	White	Bathroom 64	Door Jamb	Wood	0	NA
622	Lime Green	Bathroom 62	Wall A	Plaster	0	NA
623	Lime Green	Bathroom 62	Wall B	Plaster	0	NA
624	Lime Green	Bathroom 62	Wall C	Plaster	0	NA
625	Lime Green	Bathroom 62	Wall D	Plaster	0	NA
626	White	Bathroom 62	Door Jamb	Metal	0.6	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
627	Off-White	Bathroom 56	Wall A	Plaster	0.1	NA
628	Off-White	Bathroom 56	Wall B	Plaster	0	NA
629	Off-White	Bathroom 56	Wall C	Plaster	0.1	NA
630	Off-White	Bathroom 56	Wall D	Plaster	0.1	NA
631	White	Bathroom 56	Door Jamb	Wood	0	NA
632	White	Tub Room	Wall A	Tile	0	NA
633	Grey	Tub Room	Wall B	Tile	0	NA
634	White	Tub Room	Wall C	Tile	0	NA
635	White	Tub Room	Wall D	Tile	0.1	NA
636	White	Tub Room	Main Door	Wood	0	NA
637	Light Pink	Bathroom 63	Wall A	Plaster	0	NA
638	Light Pink	Bathroom 63	Wall B	Plaster	0.1	NA
639	Light Pink	Bathroom 63	Wall C	Plaster	0	NA
640	Light Pink	Bathroom 63	Wall D	Plaster	0.1	NA
641	Light Pink	Bathroom 63	Door Jamb	Metal	0.6	NA
642	Light Pink	Bathroom 67	Wall A	Plaster	0.1	NA
643	Light Pink	Bathroom 67	Wall B	Plaster	0.2	NA
644	Light Pink	Bathroom 67	Wall C	Plaster	0	NA
645	Light Pink	Bathroom 67	Wall D	Plaster	0.4	NA
646	Silver	Bathroom 67	Wall Heater	Metal	0.5	NA
647	Light Pink	Bathroom 71	Wall A	Plaster	0	NA
648	Light Pink	Bathroom 71	Wall B	Plaster	0.2	NA
649	Light Pink	Bathroom 71	Wall C	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
650	Light Pink	Bathroom 71	Wall D	Plaster	0	NA
651	White	Bathroom 71	Door Jamb	Metal	0.6	NA
652	Off-White	Bathroom 70	Wall A	Plaster	0	NA
653	Off-White	Bathroom 70	Wall B	Plaster	0	NA
654	Off-White	Bathroom 70	Wall C	Plaster	0	NA
655	Off-White	Bathroom 70	Wall D	Plaster	0.1	NA
656	Off-White	Bathroom 70	Wall Heater	Metal	0.2	NA
778	Green	Kitchen	Wall A	Plaster	0	NA
779	Green	Kitchen	Wall B	Plaster	0	NA
780	Green	Kitchen	Wall C	Plaster	0.1	NA
781	Green	Kitchen	Wall D	Drywall	0	NA
782	Yellow	North Hallway	Wall A	Plaster	0.1	NA
783	Peach	North Hallway	Wall B	Plaster	0	NA
784	Peach	North Hallway	Wall C	Plaster	0.2	NA
785	Peach	North Hallway	Wall D	Plaster	0	NA
786	Peach	South Hallway	Wall A	Plaster	0.1	NA
787	Peach	South Hallway	Wall B	Plaster	0	NA
788	Peach	South Hallway	Wall C	Plaster	0.1	NA
789	Light Green	South Hallway	Wall D	Plaster	0.2	NA
790	Grey	Janitor Closet	Wall A	Plaster	0	NA
791	Grey	Janitor Closet	Wall B	Plaster	0	NA
792	Grey	Janitor Closet	Wall C	Plaster	0	NA
793	Grey	Janitor Closet	Wall D	Plaster	0	NA

Table 2F: Summary of Fifth Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
23	Key Lime	Room 530	Wall D	Drywall	0.1	NA
24	Key Lime	Room 530	Wall A	Plaster	0.1	NA
25	Key Lime	Room 530	Wall B	Plaster	0	NA
26	Key Lime	Room 530	Wall C	Plaster	0.2	NA
27	Key Lime	Room 530	Wall D	Drywall	0	NA
28	Key Lime	Room 530, Window	Wall C	Metal	8.7	NA
29	White	Room 530, Bathroom Door	Wall D	Wood	0	NA
30	White	Room 530, Bathroom Door Jamb	Wall D	Wood	0.3	NA
31	White	Room 530, Closet Door	Wall D	Wood	0	NA
32	Key Lime	Room 531	Wall B	Drywall	0.2	NA
33	Key Lime	Room 531	Wall C	Plaster	0	NA
34	Key Lime	Room 531	Wall D	Plaster	0	NA
35	Key Lime	Room 531	Wall A	Plaster	0	NA
36	White	Room 531, Window Frame	Wall C	Metal	1.0	NA
37	White	Room 531, Closet Door	Wall B	Wood	0	NA
38	White	Room 531, Bathroom Door Jamb	Wall B	Metal	0	NA
39	White	Room 531, Main Door	Wall A	Wood	0	NA
40	Flower Wallpaper	Room 504	Wall B	Drywall	0	NA
41	White	Room 504	Wall C	Plaster	0.2	NA
42	White	Room 504	Wall D	Drywall	0	NA
43	White	Room 504	Wall A	Drywall	0	NA
44	White	Room 504	Ceiling	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
45	White	Room 504	Wall D	Wood	0	NA
46	White	Room 504	Wall C	Metal	9.5	NA
47	White	Room 504	Wall A	Wood	1.1	NA
48	White	Room 505	Wall A	Plaster	2.3	NA
49	Flower Wallpaper	Room 505	Wall D	Plaster	1.9	NA
50	White	Room 505	Wall C	Plaster	1.8	NA
51	White	Room 505	Wall B	Plaster	1.7	NA
52	White	Room 505	Wall C	Metal	11.4	NA
53	White	Room 505	Ceiling	Plaster	3.1	NA
54	White	Room 505	Wall B	Wood	0	NA
55	White	Room 505	Wall A	Wood	0	NA
56	White	Room 505	Wall A	Metal	1.1	NA
57	White	Room 534	Wall C	Plaster	0.2	NA
58	White	Room 534	Wall B	Plaster	0.2	NA
59	White	Room 534	Wall A	Plaster	0	NA
60	White	Room 534	Wall D	Plaster	0	NA
61	White	Room 534	Wall B	Metal	8.0	NA
62	White	Room 534	Wall C	Wood	0	NA
63	White	Room 534	Wall D	Wood	0.5	NA
64	Light Pink	Room 534	Ceiling	Plaster	0	NA
65	White	Room 536	Wall D	Plaster	0.1	NA
66	White	Room 536	Wall A	Plaster	0	NA
67	White	Room 536	Wall B	Plaster	0.1	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
68	White	Room 536	Wall C	Plaster	0	NA
69	Off-White	Room 536	Wall C	Wood	0	NA
70	White	Room 536	Wall D	Metal	0.8	NA
71	White	Room 536	Wall D	Glass	0.3	NA
72	White	Room 536	Wall C	Wood	0	NA
73	White	Room 537	Wall A	Plaster	0	NA
74	White	Room 537	Wall B	Plaster	0.1	NA
75	White	Room 537	Wall B	Metal	9.9	NA
76	Wallpaper	Room 537	Wall C	Plaster	0	NA
77	White	Room 537	Wall D	Plaster	0	NA
78	White	Room 537	Ceiling	Drywall	0	NA
79	White	Room 537	Wall A	Wood	0	NA
80	White	Room 537	Wall D	Wood	0	NA
81	Wallpaper	Room 542	Wall C	Plaster	0	NA
82	White	Room 542	Wall D	Plaster	0	NA
83	White	Room 542	Wall A	Plaster	0.1	NA
84	White	Room 542	Wall B	Plaster	0.2	NA
85	White	Room 542	Wall B	Plaster	0	NA
86	White	Room 542	Wall B	Metal	7.3	NA
87	White	Room 542	Wall A	Metal	0.3	NA
88	White	Room 542	Wall D	Wood	0	NA
89	Lime Green	Room 543	Wall C	Plaster	0	NA
90	Lime Green	Room 543	Wall D	Plaster	0.1	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
91	Lime Green	Room 543	Wall A	Plaster	0	NA
92	Lime Green	Room 543	Wall B	Plaster	0.3	NA
93	White	Room 543	Wall B	Metal	9.9	NA
94	Lime Green	Room 543	Wall B	Plaster	0	NA
95	White	Room 543	Wall A	Wood	0	NA
96	White	Room 543	Wall A	Wood	0	NA
97	White	Room 543	Wall D	Metal	0.8	NA
98	Peach	Room 545	Wall C	Plaster	0.2	NA
99	Peach	Room 545	Wall D	Plaster	0.2	NA
100	Peach	Room 545	Wall A	Plaster	0	NA
101	Peach	Room 545	Wall B	Plaster	0.2	NA
102	White	Room 545	Wall B	Metal	0.8	NA
103	White	Room 545	Ceiling	Plaster	0.4	NA
104	White	Room 545	Wall D	Wood	0	NA
105	White	Room 545	Wall C	Metal	1.0	NA
564	White	Bathroom 26	Wall A	Plaster	0	NA
565	White	Bathroom 26	Wall B	Plaster	0.1	NA
566	White	Bathroom 26	Wall C	Plaster	0	NA
567	White	Bathroom 26	Wall D	Plaster	0	NA
568	White	Bathroom 26	Wall B	Metal	0.2	NA
569	White	Bathroom 26	Wall D	Wood	0	NA
570	White	Bathroom 27	Wall A	Plaster	0	NA
571	White	Bathroom 27	Wall B	Plaster	0	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
572	White	Bathroom 27	Wall C	Plaster	0	NA
573	White	Bathroom 27	Wall D	Plaster	0.1	NA
574	Off-White	Bathroom 27	Wall C	Metal	0.2	NA
575	White	Bathroom 27	Wall D	Plaster	0	NA
576	White	Bathroom 28	Wall A	Plaster	0.2	NA
577	White	Bathroom 28	Wall B	Plaster	0.2	NA
578	White	Bathroom 28	Wall C	Plaster	0	NA
579	White	Bathroom 28	Wall D	Plaster	0.4	NA
580	Off-White	Bathroom 28	Wall C	Metal	0.4	NA
581	Off-White	Bathroom 29	Wall A	Plaster	0.1	NA
582	Off-White	Bathroom 29	Wall B	Plaster	2.2	NA
583	Off-White	Bathroom 29	Wall C	Plaster	0.1	NA
584	Off-White	Bathroom 29	Wall B	Wood	0	NA
585	Off-White	Bathroom 29	Wall A	Wood	0	NA
586	Off-White	Bathroom 29	Wall D	Plaster	0.3	NA
587	White	Bathroom 31	Wall A	Plaster	0	NA
588	White	Bathroom 31	Wall B	Plaster	0	NA
589	White	Bathroom 31	Wall C	Drywall	0	NA
590	White	Bathroom 31	Wall D	Drywall	0	NA
591	White	Bathroom 31	Wall D	Wood	0	NA
592	Off-White	Bathroom 30	Wall A	Plaster	1.6	NA
593	Off-White	Bathroom 30	Wall B	Plaster	0	NA
594	Off-White	Bathroom 30	Wall C	Plaster	0.2	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
595	Off-White	Bathroom 30	Wall D	Plaster	0	NA
596	Off-White	Bathroom 30	Wall B	Wood	0	NA
597	Off-White	Bathroom 32	Wall A	Plaster	0	NA
598	Off-White	Bathroom 32	Wall B	Plaster	0	NA
599	Off-White	Bathroom 32	Wall C	Plaster	0	NA
600	Off-White	Bathroom 32	Wall D	Plaster	0.6	NA
601	White	Bathroom 32	Wall A	Metal	0.3	NA
602	Off-White	Bathroom 35	Wall A	Plaster	0.4	NA
603	Off-White	Bathroom 35	Wall B	Plaster	0	NA
604	Off-White	Bathroom 35	Wall C	Plaster	0	NA
605	Off-White	Bathroom 35	Wall D	Drywall	0	NA
606	White	Bathroom 35	Wall C	Wood	0	NA
607	Green	Bathroom 36	Wall A	Tile	28.9	NA
608	Green	Bathroom 36	Wall B	Tile	25.5	NA
609	Green	Bathroom 36	Wall C	Tile	18.3	NA
610	Green	Bathroom 36	Wall D	Tile	19.8	NA
611	Off-White	Bathroom 36	Wall C	Plaster	0	NA
761	Yellow	N. Hallway, 5th Floor	Wall A	Plaster	0.1	NA
762	Yellow	N. Hallway, 5th Floor	Wall B	Plaster	0	NA
763	Yellow	N. Hallway, 5th Floor	Wall C	Plaster	0	NA
764	Yellow	N. Hallway, 5th Floor	Wall D	Plaster	0	NA
765	Yellow	S. Hallway, 5th Floor	Wall A	Plaster	0	NA
766	Yellow	S. Hallway, 5th Floor	Wall B	Drywall	0.1	NA

XRF SCREENING NO.	PAINT COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
767	Yellow	S. Hallway, 5th Floor	Wall C	Plaster	0	NA
768	Yellow	S. Hallway, 5th Floor	Wall D	Plaster	0.1	NA
769	Light Blue	Tub Room, 5th Floor	Wall A	Plaster	0.2	NA
770	Light Blue	Tub Room, 5th Floor	Wall B	Plaster	0	NA
771	Light Blue	Tub Room, 5th Floor	Wall C	Plaster	0	NA
772	Light Blue	Tub Room, 5th Floor	Wall D	Plaster	0	NA
773	White	Tub Room, 5th Floor	Wall C	Wood	0	NA
774	Light Blue	Kitchen, 5th Floor	Wall A	Plaster	0.1	NA
775	Light Blue	Kitchen, 5th Floor	Wall B	Plaster	0	NA
776	Light Blue	Kitchen, 5th Floor	Wall C	Drywall	0	NA
777	Light Blue	Kitchen, 5th Floor	Wall D	Drywall	0.1	NA

Table 2G: Summary of Sixth Floor Analytical Results from Lead Based Paint Samples

XRF SCREENING NO.	PAIN T COLOR	LOCATION	COMPONENT	SUBSTRATE	XRF READING (MG/CM ²)	DAMAGED (YES/NO)
1	White	6th Floor Rm 108	Wall A	Drywall	0.0	NA
2	White	6th Floor Rm 108	Wall B	Plaster	0.0	NA
3	White	6th Floor Rm 108	Wall C	Plaster	0.0	NA
4	White	6th Floor Rm 108	Wall D	Plaster	0.0	NA
5	White	Window Frame 6th Floor Rm 108	Wall B	Metal	11.1	NA
6	White	Window Frame 6th Floor Rm 108	Wall C	Metal	0.3	NA
7	Pink	6th Floor Rm 105	Wall A	Drywall	0.0	NA
8	Pink	6th Floor Rm 105	Wall D	Plaster	0.1	NA
9	Pink	6th Floor Rm 105	Wall C	Plaster	0.3	NA
10	Pink	6th Floor Rm 105	Wall B	Drywall	0.0	NA
11	White	6th Floor Rm 105, Window Frame	Wall D	Metal	11.4	NA
12	White	6th Floor Rm 105, Window Frame	Wall C	Metal	8.8	NA
13	White	6th Floor Rm 105, Door	Wall B	Wood	0.0	NA
14	White	6th Floor Rm 105, Door	Wall C	Wood	0.0	NA
15	Pink	6th Floor Rm 105, Door	Wall A	Wood	0.0	NA
16	Light Pink	6th Floor Rm 106	Wall C	Drywall	0.0	NA
17	Light Pink	6th Floor Rm 106	Wall D	Plaster	0.6	NA
18	Light Pink	6th Floor Rm 106	Wall A	Plaster	0.8	NA
19	Light Pink	6th Floor Rm 106	Wall B	Plaster	0.0	NA
20	White	6th Floor Rm 106, Closet Door	Wall C	Wood	0.0	NA
21	White	6th Floor Rm 106, Window Frame	Wall D	Metal	9.9	NA

22	White	6th Floor Rm 106, Door	Wall C	Wood	0.0	NA
541	White	6th Floor, Bathroom 50	Wall A	Plaster	0.0	NA
542	White	6th Floor, Bathroom 50	Wall B	Plaster	0.0	NA
543	White	6th Floor, Bathroom 50	Wall C	Plaster	0.0	NA
544	White	6th Floor, Bathroom 50	Wall D	Plaster	0.0	NA
545	White	6th Floor, Bathroom 50, Heater	Wall C	Metal	1.0	NA
546	White	6th, Bathroom 50, Window Casing	Wall C	Plaster	0.0	NA
547	Off-White	6th Floor, Bathroom 53	Wall A	Plaster	0.0	NA
548	Off-White	6th Floor, Bathroom 53	Wall B	Drywall	0.0	NA
549	Off-White	6th Floor, Bathroom 53	Wall C	Drywall	0.0	NA
550	Off-White	6th Floor, Bathroom 53	Wall D	Plaster	0.0	NA
551	Off-White	6th Floor, Bathroom 53, Door	Wall C	Wood	0.0	NA
552	White	6th, Bathroom 53, Window Casing	Wall C	Metal	0.1	NA
553	White	6th Floor, Bathroom 52	Wall A	Plaster	0.0	NA
554	Confetti Wallpaper	6th Floor, Bathroom 52,	Wall B	Drywall	0.0	NA
555	White	6th Floor, Bathroom 52	Wall C	Drywall	0.0	NA
556	White	6th Floor, Bathroom 52, Door Jamb	Wall C	Wood	0.0	NA
557	White	6th Floor, Bathroom 52	Wall D	Drywall	0.1	NA
558	White	6th Floor, Bathroom 52, Main Door	Wall C	Wood	0.0	NA
559	White	6th Floor, Bathroom 51	Wall A	Drywall	0.0	NA
560	White	6th Floor, Bathroom 51	Wall B	Plaster	0.2	NA
561	Confetti Wallpaper	6th Floor, Bathroom 51	Wall C	Plaster	0.0	NA
562	White	6th Floor, Bathroom 51	Wall D	Drywall	0.0	NA
563	White	6th Floor, Bathroom 51, Door Jamb	Wall D	Wood	0.0	NA
749	Yellow	6th Floor Hallway	Wall A	Plaster	0.0	NA

750	Yellow	6th Floor Hallway	Wall B	Plaster	0.2	NA
751	Yellow	6th Floor Hallway	Wall C	Plaster	0.2	NA
752	Yellow	6th Floor Hallway	Wall D	Plaster	0.0	NA
753	Light Peach	Big Open Area, 6th Floor	Wall A	Plaster	0.0	NA
754	Light Peach	Big Open Area, 6th Floor	Wall B	Plaster	0.0	NA
755	Light Peach	Big Open Area, 6th Floor	Wall C	Plaster	0.0	NA
756	Light Peach	Big Open Area, 6th Floor	Wall D	Plaster	0.0	NA
757	Light Green	Small Open Area, 6th Floor	Wall A	Plaster	0.0	NA
758	Light Green	Small Open Area, 6th Floor	Wall B	Plaster	0.0	NA
759	Light Green	Small Open Area, 6th Floor	Wall C	Plaster	0.0	NA
760	Light Green	Small Open Area, 6th Floor	Wall D	Plaster	0.0	NA

Table 4 : Summary of Coal Furnace Radiological Data

Coal Furnace Geiger Counter Results (Counts Per Minute (CPM) converted to Rems/Calendar Quarter)						
Exterior						
Location	North 1 W	North 2 E	South 1 W	South 1 E	East End	West End
Result (CPM)	60	70	61	63	45	32
Rem/Calendar Quarter Conversion	0.1092	0.1274	0.11102	0.11466	0.0819	0.05824
Interior						
Location	NW Corner	NE Corner	SW Corner	SE Corner		
Result (CPM)	128	131	119	125		
Rem/Calendar Quarter Conversion	0.23296	0.23842	0.21658	0.2275		

4.0 OBSERVATIONS AND CONCLUSIONS

The following are based on observations during the Phase II ESA and analytical results from samples collected at the Site.

4.1 ACM

ACM above the regulated threshold of 1% asbestos was identified at 1109 6th Ave N for the following homogenous areas:

- MA-CPT-04-A: Yellow Mastic with Black Mastic, Floor 1, 500 SF of 2% chrysotile. Non-friable.
- MA-CPT-13-A: Black Mastic, Floor 5 Blue Rooms, 325 SF of 1% chrysotile. Non-friable.
- MA-SF-08- A, B, and C: Gray Sheet Flooring with Fibrous Backing, Floor 1 Men's Bathroom and Floor 6 Open Area, 50 SF of 12% chrysotile. Non-friable.
- MA-FT-11- A, B, and C: Blue Floor Tile, SE Floor 6 Under Carpet, 210 SF of 2% chrysotile. Non-friable.
- MA-FT-14- A, B, and C: White Floor Tile, Bathroom 109, 25 SF of 2% chrysotile. Non-friable.
- MA-DWS-04- A, B, and C: Beige Joint Compound with Paint, Floor 4, 2,000 SF of 2% chrysotile. Friable.
- MA-DWS-07- A, B, and C: White Joint Compound, Flagpole Shack on Roof, 300 SF of 2% chrysotile. Friable.
- MA-SC-01- A, B, and C: Beige Popcorn Ceiling with White Surface, Floor 5 Blue Room, 120 SF of 3% chrysotile. Friable.
- MA-GRT-08-A: Yellow Mastic, Floor 3 Hall Bathroom Wall Between Rooms 311 & 313, Floor 5 Blue Room Bathroom, 45 SF of 2% chrysotile. Non-friable.
- MA-RS-01 A, B, and C: Gray Transite Tile, Roof Eaves, 1,200 SF of 18% chrysotile. Non-friable.
- MA-RS-01-C: Brown/Black Paper, Roof Eaves, 1,200 SF of 10% chrysotile. Friable.
- MA-CLK-01- A, B, and C: Black Caulk, Roof Above Metal Walkway, 10 LF of 6% chrysotile. Non-friable.
- MA-WB-01- A, B, and C: Gray Transite, Chase Access Cover on Each Floor, 36 SF of 22% chrysotile. Non-friable.

- MA-FT-21-A, B, C, D, and E: Beige Floor Tile and Black Mastic, Various Areas Throughout Floor 1 West Side, 1,600 SF of 2% chrysotile. Non-friable.
- MA-FT-22-A, B, and C: Brown Floor Tile and Black Mastic, Various Areas Throughout Floor 1 West Side, 50 SF of 2% chrysotile. Non-friable.
- MA-FT-23-A, B, and C: White Floor Tile, Floor 1 Kitchen/ Waiting Room, 200 SF of 1% chrysotile. Non-friable.
- MA-FT-23-A: Black Mastic, Floor 1 Kitchen/ Waiting Room, 200 SF of 3% chrysotile. Non-friable.
- MA-DWS-08-A, B, C, D, and E: White Joint Compound with Paint and Beige Adhesive, Floor 1 West Area Hall, Bright Room, Waiting Room, Administration Rooms, 4,800 SF of 2% chrysotile. Friable.
- MA-SF-19-C: Beige Sheet Flooring with Fibrous Backing with Brown Mastic, Floor 1 Salon Bathroom and Underneath Teal Sheet Flooring, 180 SF of 15% chrysotile. Non-friable.
- MA-FT-25-A, B, C, D, and E: Black Flooring, Floor 1 Work Area/Storage/Loading, 1,350 SF of 3% chrysotile. Non-friable.
- MA-FT-25-A, B, C, D, and E: Brown Mastic (Trace), Floor 1 Work Area/Storage/Loading, 1,350 SF of 2% chrysotile. Non-friable.
- MA-SF-21-A, B, and C: Brown Sheet Flooring with Fibrous Backing, Floor 1 Pit Room, 500 SF 15% chrysotile. Non-friable.
- MA-FT-26-A, B, and C: Black Mastic, Basement Under Stairs, 5 SF of 3% chrysotile. Non-friable.
- MA-FT-26-A, B, and C: Red Floor Tile, Basement Under Stairs, 5 SF of 2% chrysotile. Non-friable.
- MA-FT-27-A, B, and C: Brown Floor Tile, Basement Under Stairs, 5 SF of 2% chrysotile. Non-friable.
- MA-TSI-01- B, C, D, and E: Brown Insulation, Throughout Chase on All Floors, 100 LF of 30% chrysotile. Friable.
- MA-TSI-04-A, B, C, D, and E: Gray Insulation, Basement Dual Boilers and Transmission Lines, 2,500 SF of 7% chrysotile. Friable.
- MA-RS-02-A, B, C, D, and E: Black Roofing Material, Floor 1 SW Roof (Area with Proposed Construction), 3,200 SF of 2% chrysotile. Non-friable.
- MA-TSI-05-A, B, C, D, and E: Gray Insulation, Throughout Chase on All Floors, 100 LF of 60% chrysotile. Friable.

- MA-TSI-07-A, B, and C: Gray Insulation, Basement Boiler/Chiller, 730 SF of 7% chrysotile. Friable.

4.2 LEAD BASED PAINT

Lead readings above 1 mg/cm² was identified at 1109 6th Ave N for the following homogenous areas:

- Roof access stairwell, 3rd floor, Wall C
- The exterior small building on the roof Walls A, C, and D.
- Room 105, 106, and 108 on the 6th floor window frame.
- Bathroom 50 on the 6th floor heater.
- Room 504 Walls A and C
- Room 505 Walls A, B, C, and D.
- Room 530, Window, Wall C, Metal
- Room 531, Window Frame, Wall C, Metal
- Room 534 Wall B, metal
- Room 537 Wall B, 542 Wall B, and 543 Wall B metal window frames.
- Room 545 Wall C Metal
- Bathroom 29 Wall B plaster.
- Bathroom 30 Wall A plaster.
- Bathroom 36 Walls A, B, C, and D.
- Room 441, 443, 445, 447, 434, 424, 423, and 422 Window Jamb.
- Room 419 Floor Heater.
- Room 304, 305, 311, 315, 319, 322, and 324 Window Jamb.
- Room 238 Door Jamb.
- Room 32, 36, 38, 208, 219, 237, 238, and 245 Window Jamb.
- Room 109, 111, 116, 119, 120, and 121 Window Jamb.
- Room 119 Wall A, and C Plaster.
- Room 120 Wall A, B, C, and D Plaster.
- Workshop Wall B, C, and Secondary Wall Brick.
- Storage Wall B Tile.
- Cooler 1 Wall D Tile.
- Bathroom 3 Wood Shelf.

4.3 AIR SAMPLING

Air Sampling results above the EPA Residential RSL or Adjusted DEQ Residential levels were identified at 1109 6th Ave N for the following areas. Sub slab sample MA-SV-01 was located in the maintenance area in the northwest corner of the basement. Sub slab sample MA-SV-03 was located in the basement generator room. Sub slab sample MA-SV-04 was located in the southwest area of the basement near the hot water tanks and wall urinal. Indoor air quality sample MA-IAQ-01 was located in the loading dock area of the first floor. Indoor air quality sample MA-IAQ-02 was located in the hallway intersection in the southwest section of the first floor. Indoor air quality sample MA-IAQ-03 was located in the grand foyer on the first floor. Indoor air quality sample MA-IAQ-04 was located in the loading dock area of the first floor. Indoor air quality sample MA-IAQ-05 was located near the two large boilers in the basement. Indoor air quality samples MA-IAQ-05 and MA-IAQ-05-DUPE were located near the ancient tank/furnace in the basement near the bottom of the stairs. Indoor air quality sample MA-IAQ-06 was located in the maintenance area in the northwest corner of the basement. The lone ambient air sample MA-AA-01 was located on the fifth floor, outside on the roof, behind the east pillar.

- C5-C8 Aliphatics exceeded the residential DEQ adjusted screening level at MA-SV-03 and MA-SV-04.
- C9-C12 Aliphatics exceeded the residential DEQ adjusted screening level at MA-SV-01, MA-SV-03, MA-SV-04, MA-IAQ-05, and MA-IAQ-05 DUPE.
- C9-C10 Aromatics exceeded the residential DEQ adjusted screening level at MA-SV-01.
- 1,3-Butadiene exceeded the residential DEQ adjusted screening level at MA-SV-01, MA-SV-03, and MA-SV-04.
- Acrolein exceeded the residential EPA RSL at all sampling locations.
- Chloroform exceeded the residential EPA RSL at MA-SV-01, MA-SV-03, and MA-SV-04.
- 1,2-Dichloroethane exceeded the residential EPA RSL at MA-SV-03, and MA-SV-04
- Benzene exceeded the residential DEQ adjusted screening level at MA-SV-01, MA-SV-03, and MA-SV-04.
- Trichloroethene exceeded the residential EPA RSL at MA-SV-03.
- Ethylbenzene exceeded the residential DEQ adjusted screening level at MA-SV-01, MA-SV-03, and MA-SV-04.
- 1,3,5-Trimethylbenzene exceeded the residential EPA RSL at MA-SV-01.
- 1,2,4-Trimethylbenzene exceeded the residential EPA RSL at MA-SV-01.
- Naphthalene exceeded the residential EPA RSL at MA-SV-01 and the residential DEQ adjusted screening level MA-SV-03, and MA-SV-04.

- Bromodichloromethane was non-detect at sample locations MA-SV-01 and MA-SV-04, but the detection limit exceeds EPA residential air RSL.
- 1,1,2-Trichloroethane and 1,2 Dibromo 3-Chloropropane were non-detect at all sample locations, but the detection limits exceed EPA residential air RSL.
- 1,1,2,2-Tetrachloroethane was non-detect at sample locations MA-SV-01, MA-SV-03, and MA-SV-04, but the detection limit exceeds EPA residential air RSL.
- Hexachlorobutadiene analyte was non-detect at all sample locations except MA-SV-04, but the detection limit exceeds EPA residential air RSL.
- 1,2-Dibromoethane analyte was non-detect at all sample locations, but the detection limit exceeds DEQ adjusted residential air RSL.

Based on a review of the air results, it appears soil vapor concentrations of total purgeable hydrocarbon aliphatic and aromatic fractions, benzene, ethylbenzene, naphthalene, and trichloroethene have accumulated beneath the concrete slab (within the former hospital basement) above residential screening levels. Concentrations of these contaminants of concern were not observed in overlying indoor air samples with the exception of C9-C12 aliphatics, suggesting that the slab may be providing some protection against vapor intrusion. While indoor air sampling results indicate low rates of vapor intrusion, temporal variations in vapor intrusion may occur due to changes in soil advection, ventilation of the structure, and temperature gradients.

4.4 RADIOLOGICAL SURVEY

Upon completion of the radiological survey, Tetra Tech determined levels of ionizing radiation associated with the coal furnace are elevated above general background radiation. Counts per minute were recorded and converted to rems/calendar quarter to assess chronic exposure and provide comparisons against applicable rules. In accordance with ARM 37.14.705, the maximum permissible dose of radiation to individuals in restricted areas is 1.25 rems per calendar quarter for the whole body, head and trunk; active blood-forming organs; lens of eyes or gonads (State of Montana 2021). Based on survey results, maximum ionizing radiation rates were recorded within the interior of the furnace. Emissions within the interior of the furnace ranged from 0.216 rems per calendar quarter to 0.238 rems per calendar quarter. Emissions around the exterior of furnace ranged from 0.058 rems per calendar quarter to 0.127 rems per calendar quarter. While these results are elevated above general background (0.02 to 0.04 rems per calendar quarter), emissions are within safe parameters for restricted workers conducting daily activities within close proximity to the coal furnace.

4.5 DATA GAPS

Data gaps preclude determination of potential cleanup alternatives and associated risk. The data gaps are:

- While samples were collected to assess the entirety of building materials present in accessible areas, inaccessible portions of the structure may contain materials that contain both friable and non-friable asbestos and lead-based paint above regulatory standards.
- The canister for MA-SV-02 had developed a leak, due to this leak it had an initial pressure of 0 inHg and a sampling with this canister was not able to be performed.
- Forty-three fire-rated doors located throughout the building were not sampled and assumed to contain asbestos.
- Fibrous gaskets located on elevator equipment, boilers, chillers, and associated flanged piping in the basement, pipe chases, and other inaccessible areas were not sampled and assumed to contain asbestos.
- Electrical wiring encased in fibrous sheathing, along with transite paneling in multiple electrical and fuse boxes, which, due to unknown electrical status, posed a safety risk to sample were not sampled and assumed to contain asbestos.
- While sub-slab air samples do indicate concentrations of petroleum and solvent vapors, a source mass in underlying soil and groundwater has not been identified as soil sampling did not occur as part of the phase II assessment.

Sampling Discrepancies:

- Sample MA-RS-01-C, was identified as an asbestos containing brown/black paper layer where all roofing paper on the eaves of the 6th floor roof appeared to be homogenous, having the same color and texture, and displaying no visible evidence of repair or replacement. Two other roofing system samples from the same area had brown/black paper layers that were non-detect for asbestos. This homogenous area may require either additional sampling or the abatement contractor should assume that the entire square footage of material is ACM.
- Sample MA-SF-19-C, positively asbestos containing beige sheet flooring with fibrous backing with brown mastic was an additional layer, not present in any of five other non-detect sheet flooring samples taken in the same area. Removal of overlying layers may reveal additional similar material not quantified by this assessment that requires treatment as ACM.
- Sample MA-TSI-01-A, non-detect brown insulation where all insulation on the pipe throughout the chase on all floors appeared to be homogenous, having the same color and texture with the same age/color banding and displaying no visible evidence of repair or replacement. Four other samples from the same pipe chase on separate floors were positively asbestos containing. This homogenous area may

require either additional sampling or the abatement contractor should assume that the entire square footage of this material is ACM.

5.0 RECOMMENDATIONS

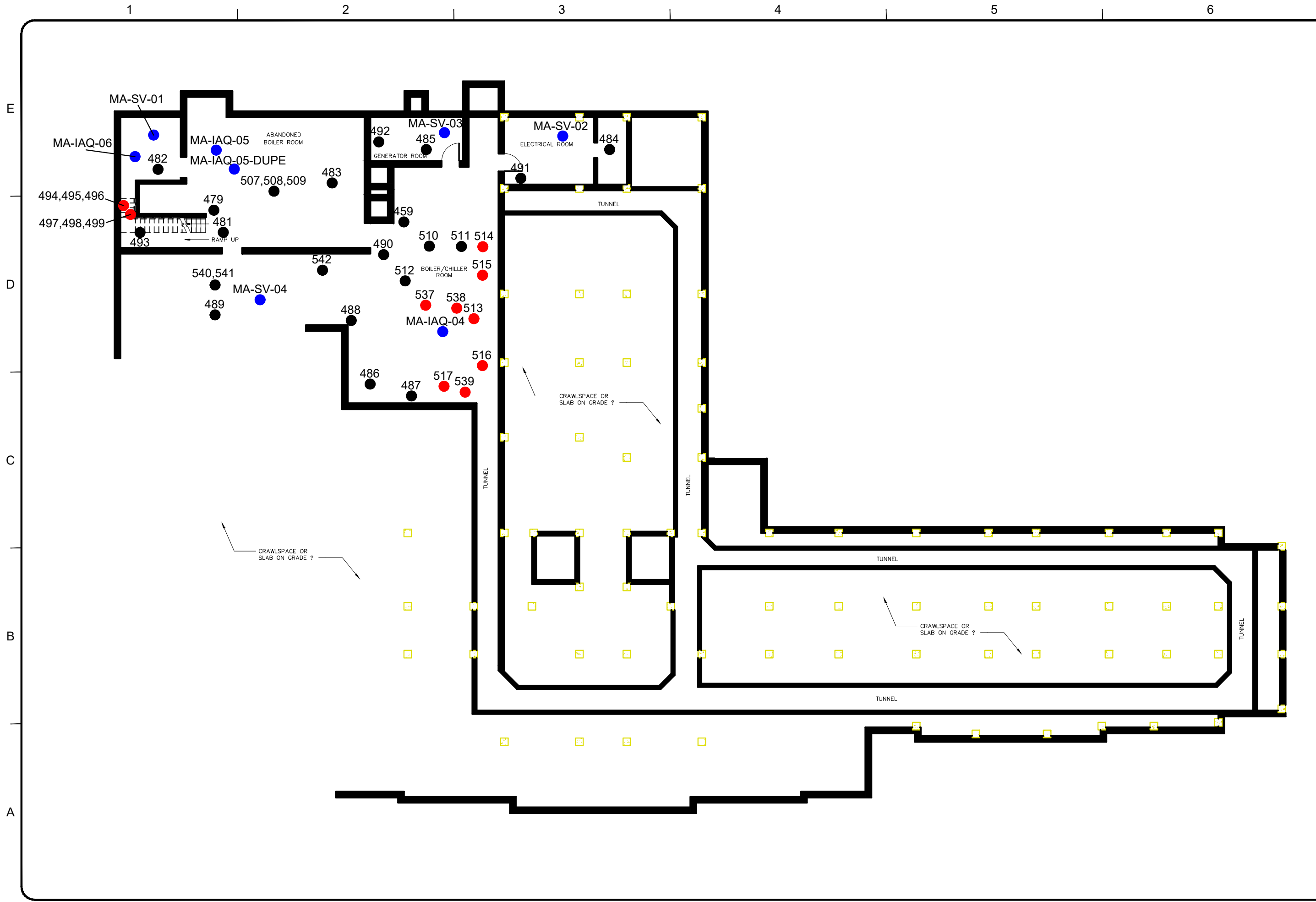
Based on a review of the hazardous substance analytical results, Tetra Tech recommends the following actions associated with the Madison Apartments property:

1. Conduct abatement of identified ACM through a licensed asbestos removal contractor in accordance with state and federal regulations prior to disturbance of any ACM.
2. Conduct abatement or encapsulation of surfaces and materials identified to contain lead above regulatory screening requirements by a licensed lead abatement contractor.
3. Determine and mitigate the source of the petroleum contaminants observed in indoor air.
4. Install a sub-slab depressurization system or radon abatement system to reduce potential exposures to COCs identified through sub-slab vapor and indoor air sampling.
5. Reduce chronic exposure to ionizing radiation associated with the furnace.
6. Remove hazardous materials and containers and dispose of all hazardous wastes at a permitted solid waste facility.
7. Provide this Phase II Assessment report to the Montana DEQ to obtain concurrence on appropriate actions to mitigate exposures to occupants associated with identified contaminants.

6.0 REFERENCES

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- U.S. Environmental Protection Agency (EPA). 2022. “Regional Screening Levels (RSLs) – Generic Tables.” May. <https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>.

APPENDIX A: FIGURES



TETRA TECH
 www.tetrattech.com
 825 W. Custer Ave.
 Helena, Montana 59602
 PHONE: 406-443-5210 FAX: 406-442-7182

LEGEND

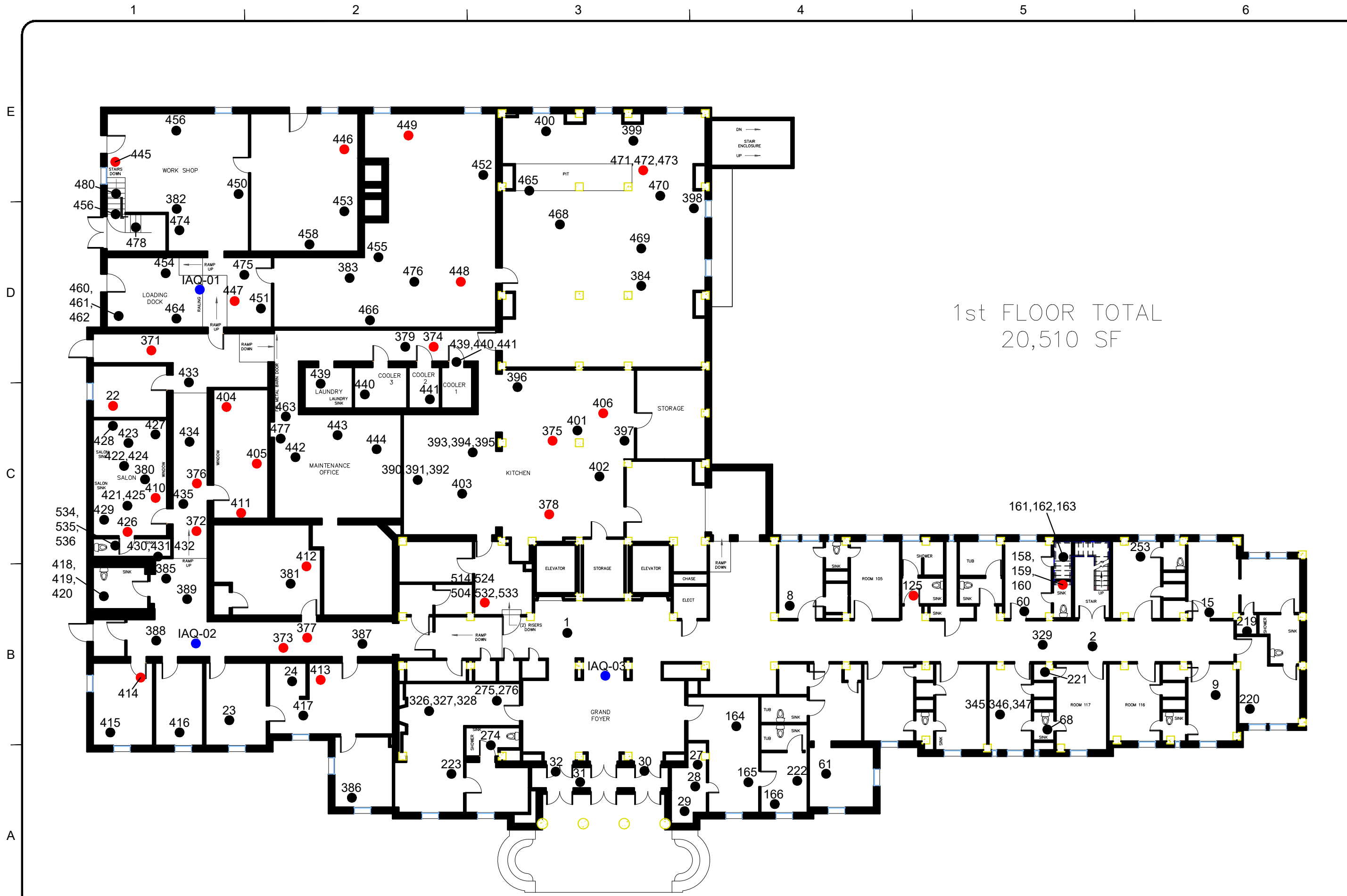
●	SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
●	SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED
●	AIR SAMPLING

MARK	DATE	DESCRIPTION	BY

START Region 8
 Madison Apartments

**ACM AND AIR
 BASEMENT SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: AC
 Checked By: BK



LEGEND

- SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
- SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED
- AIR SAMPLING

BY	DATE	DESCRIPTION

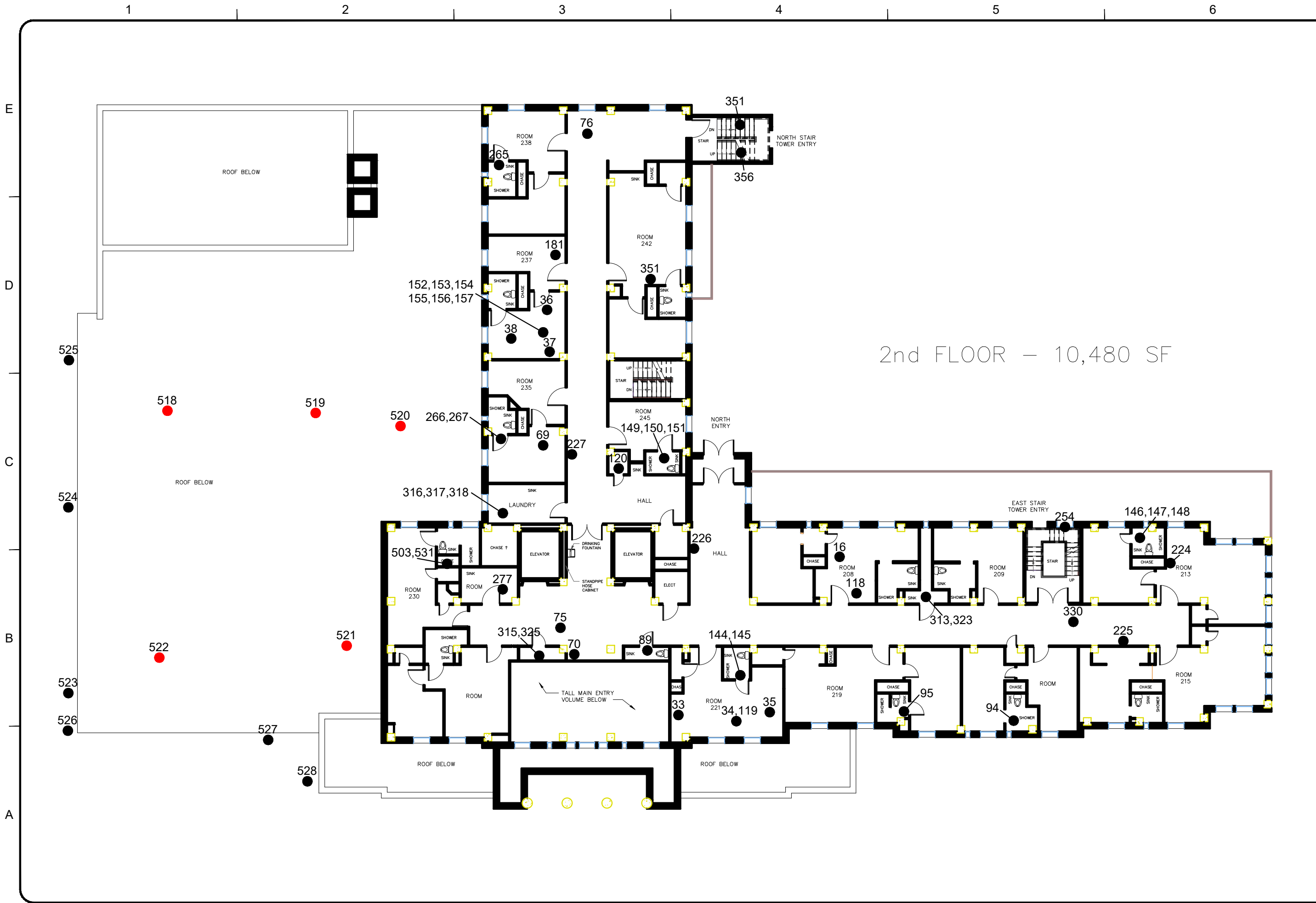
START Region 8
 Madison Apartments

ACM AND AIR SAMPLING LOCATIONS

1st FLOOR SAMPLING LOCATIONS

Project No.:
 Designed By:
 Drawn By: AC
 Checked By: BK

Bar Measures 1 inch



LEGEND
● SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
● SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED

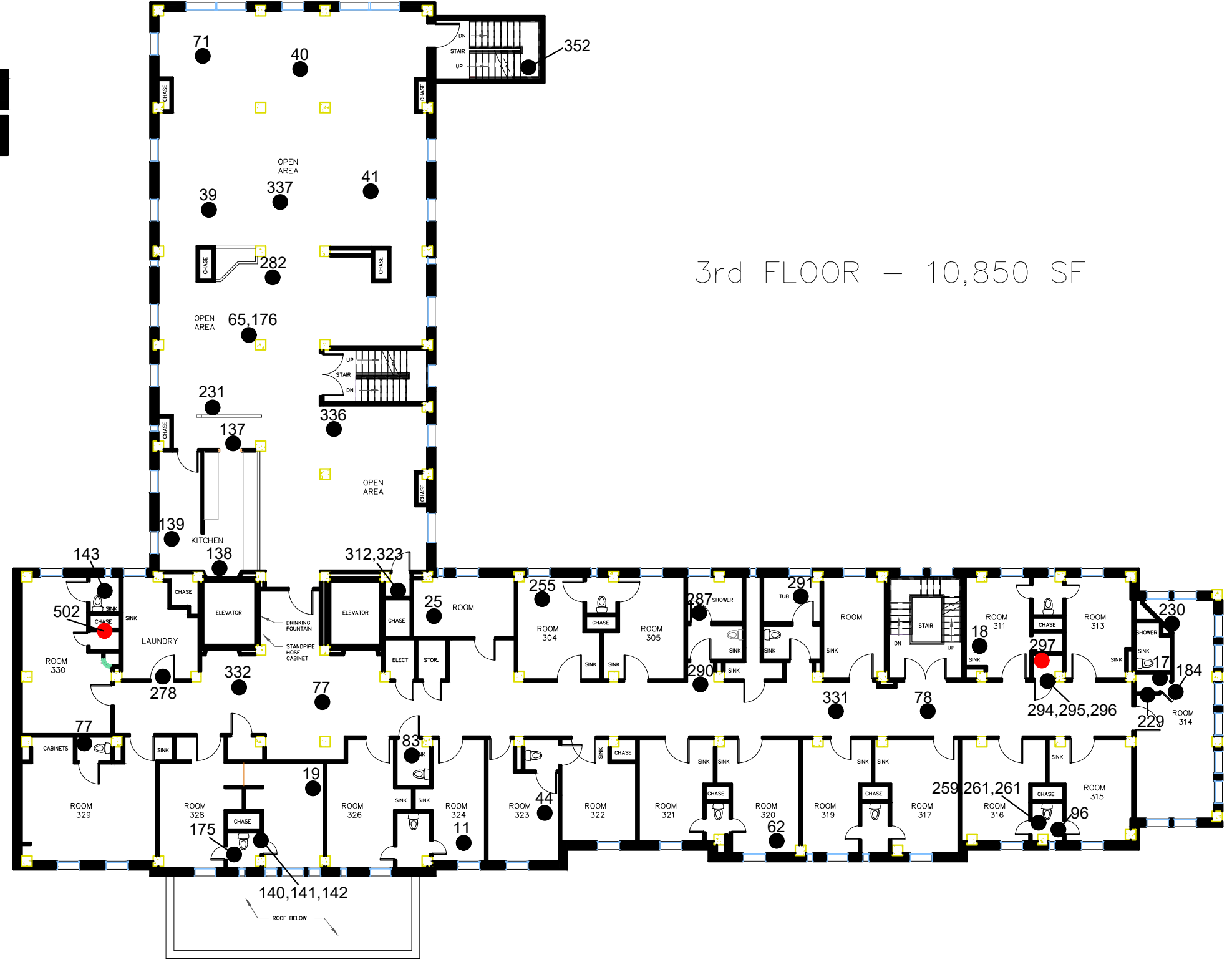
MARK	DATE	DESCRIPTION

START Region 8
Madison Apartments
**ACM AND AIR
2nd FLOOR SAMPLING LOCATIONS**

Project No.:
Designed By:
Drawn By: AC
Checked By: BK

1 2 3 4 5 6

E
D
C
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LEGEND
● SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
● SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED

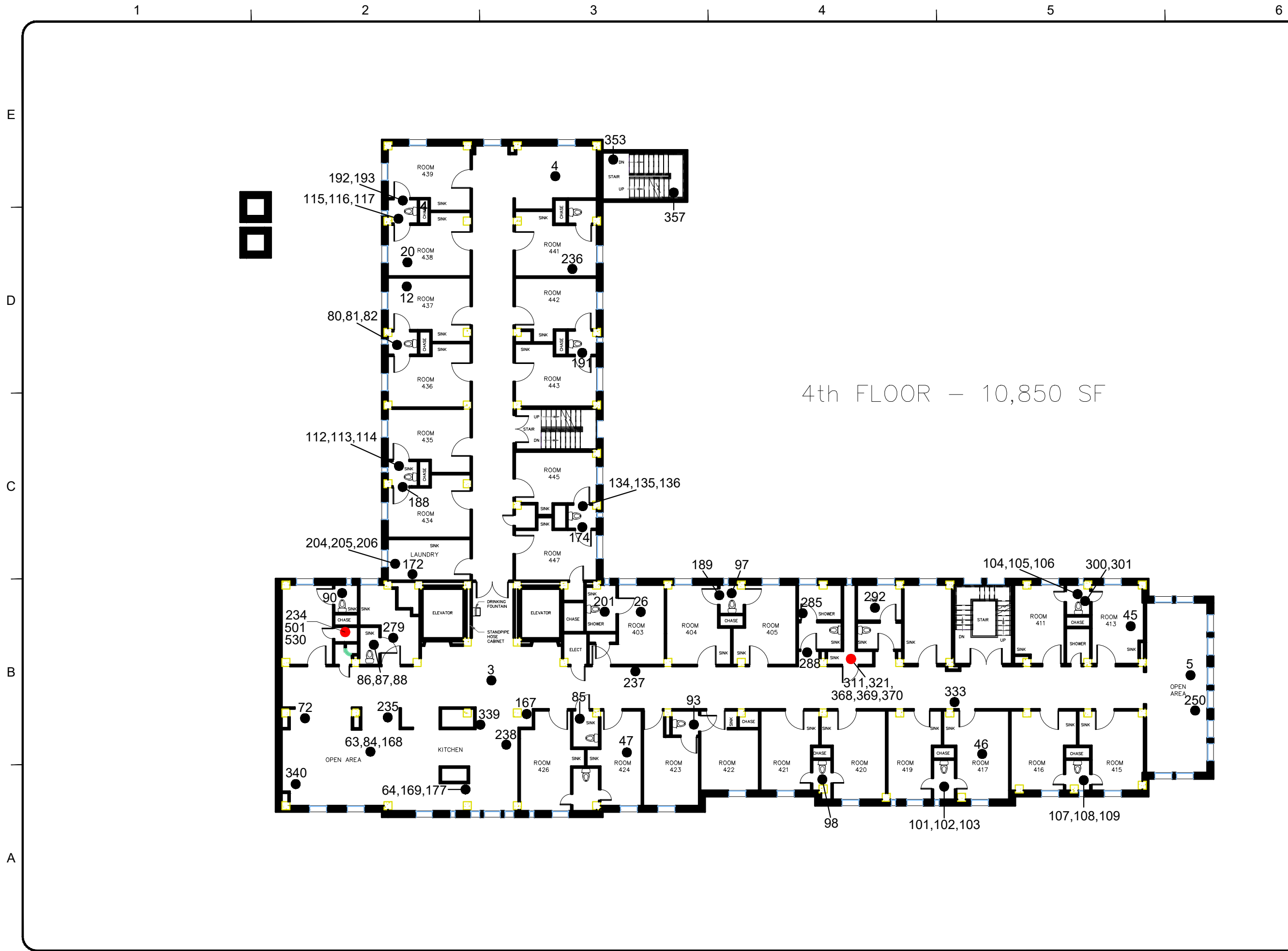
MARK	DATE	DESCRIPTION	BY

START Region 8
Madison Apartments

**ACM AND AIR
3rd FLOOR SAMPLING LOCATIONS**

Project No.:
Designed By:
Drawn By: AC
Checked By: BK

1D



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LEGEND

- SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
- SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED

MARK	DATE	DESCRIPTION	BY

START: Region 8
 Madison Apartments

**ACM AND AIR
 4th FLOOR SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: CS
 Checked By: BK

1E

Bar Measures 1 inch



5th FLOOR - 8,905 SF

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LEGEND

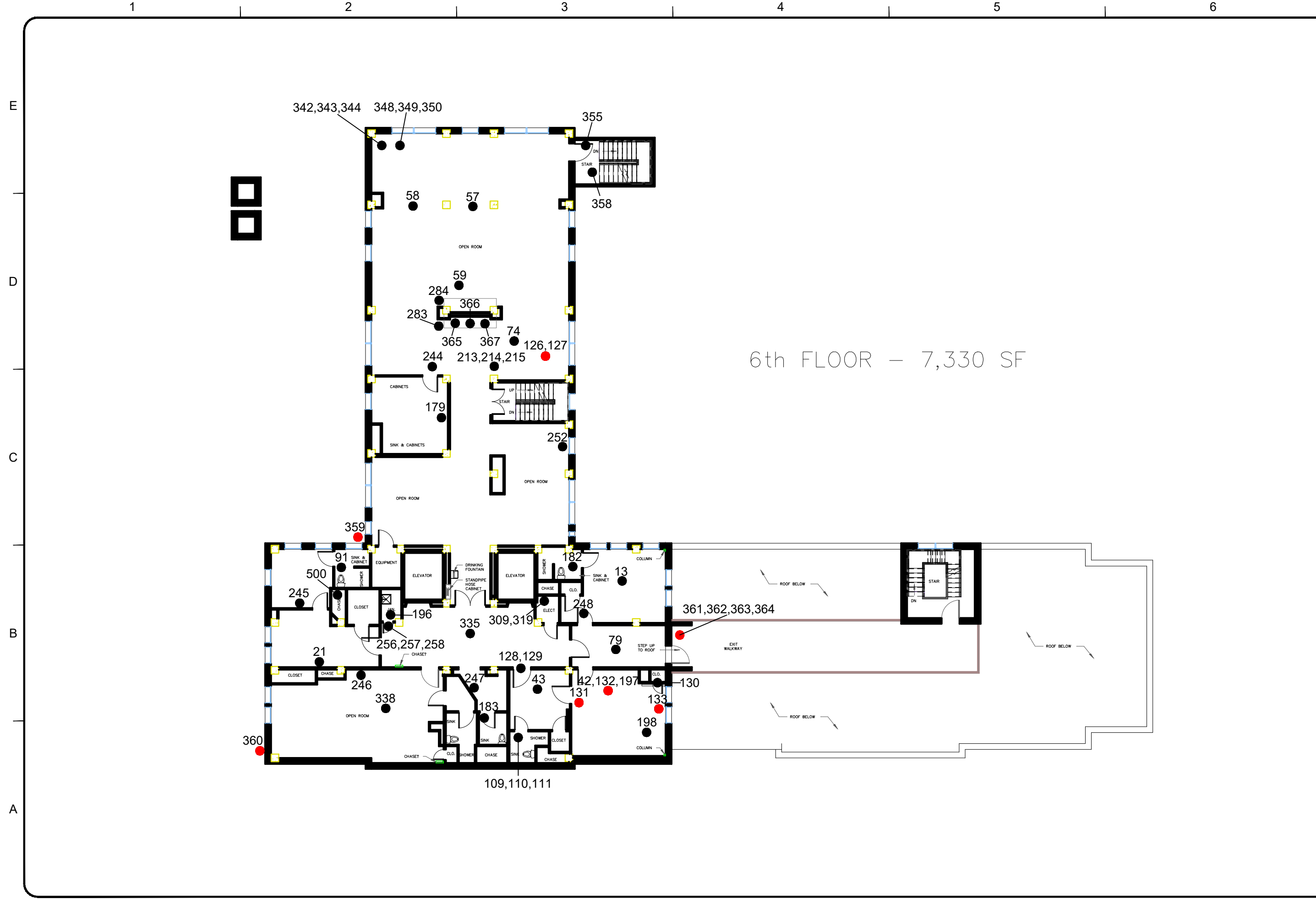
- SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
- SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED
- AIR SAMPLING

MARK	DATE	DESCRIPTION	BY

START Region 8
 Madison Apartments

**ACM AND AIR
 5th FLOOR SAMPLING LOCATIONS**

Project No.:	
Designed By:	
Drawn By:	CS
Checked By:	BK



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LEGEND

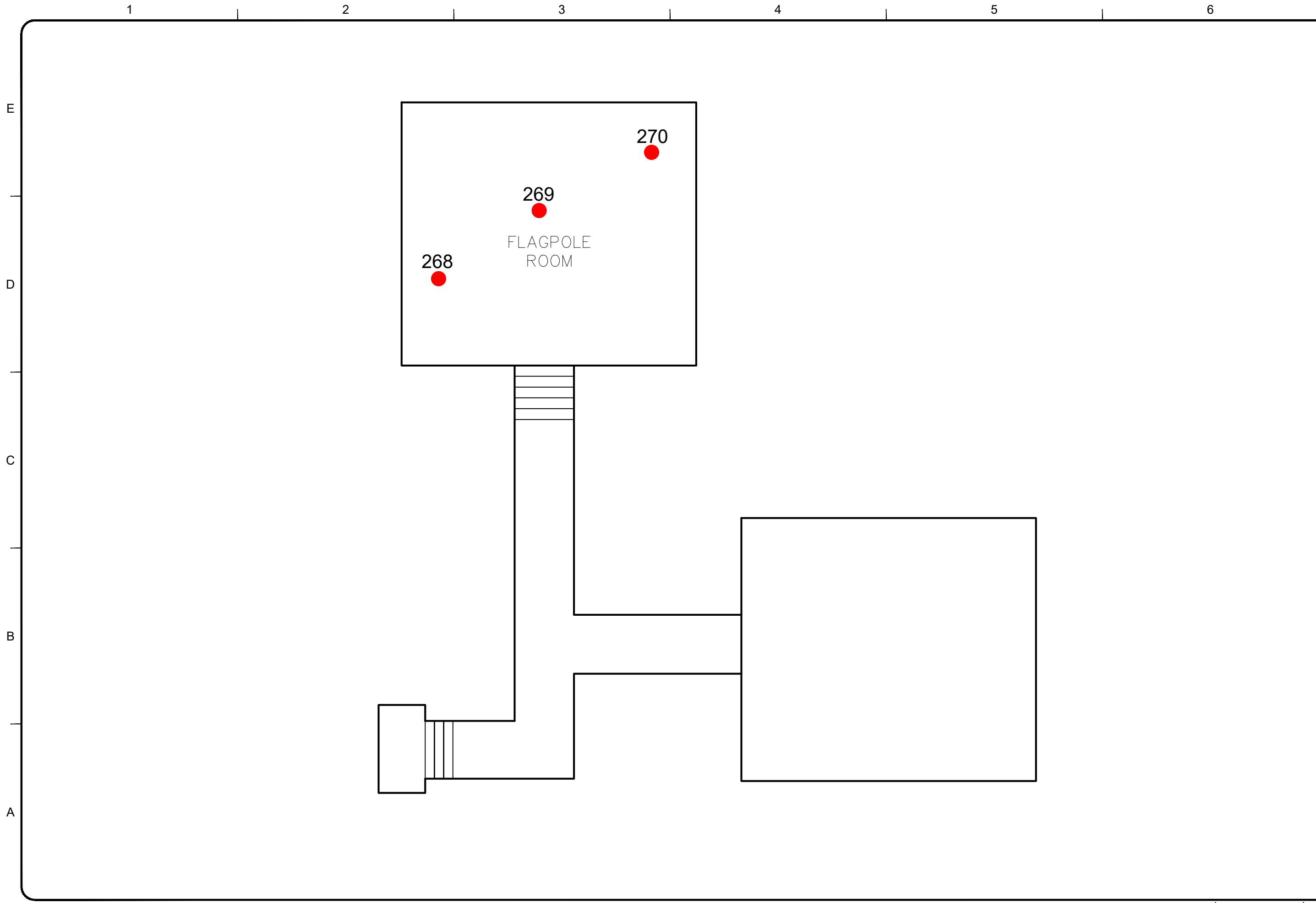
- SAMPLE LOCATION NON-DETECT ASBESTOS OR <1%
- SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED

MARK	DATE	DESCRIPTION	BY

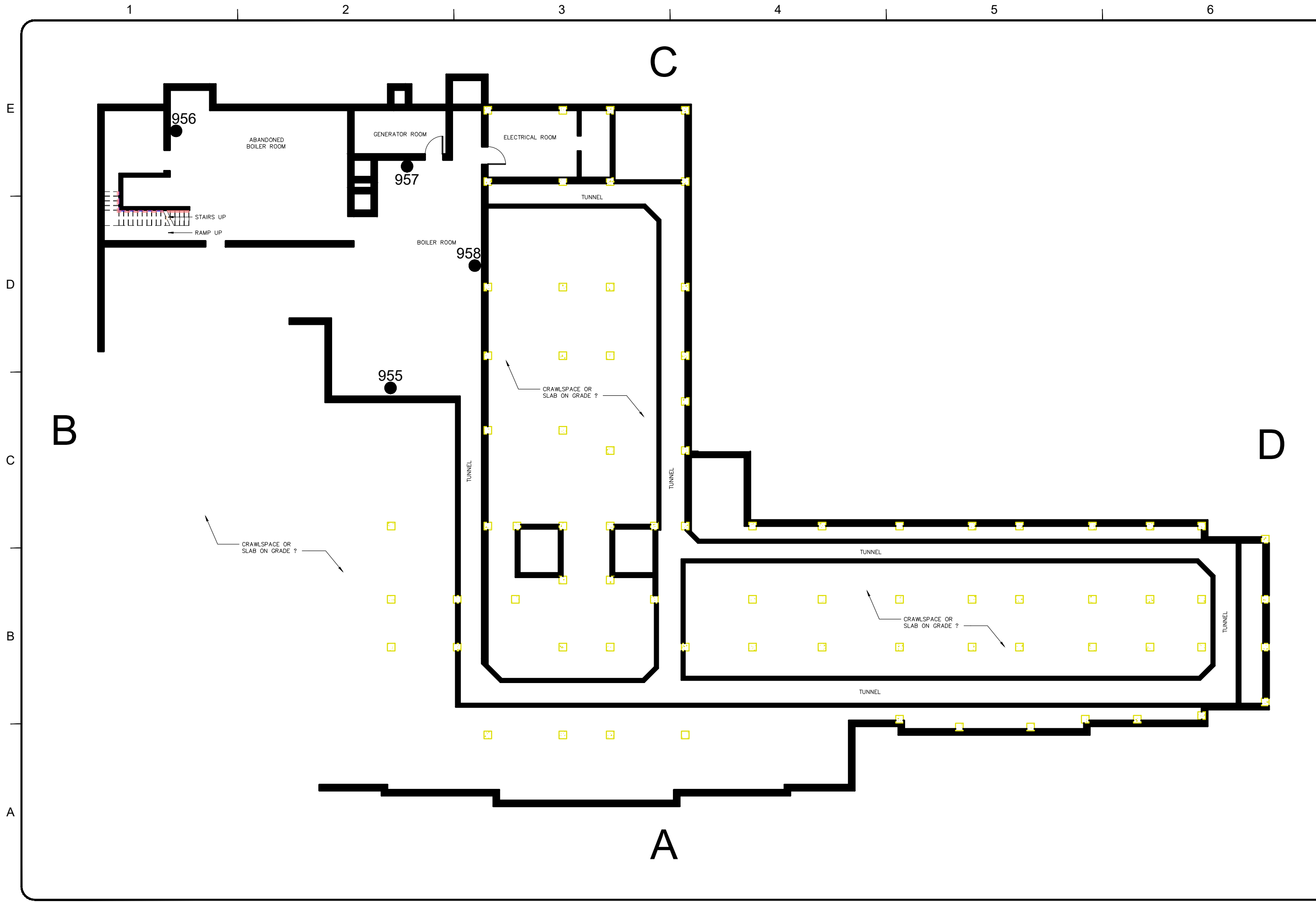
START Region 8
 Madison Apartments

**ACM AND AIR
 6th FLOOR SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: CS
 Checked By: BK



TETRA TECH <small>www.tetrattech.com 825 W. Custer Ave. Helena, Montana 59602 PHONE: 406-443-5210 FAX: 406-442-7182</small>			
LEGEND ● SAMPLE LOCATION NON-DETECT ASBESTOS OR <1% ● SAMPLE LOCATION WITH > 1% ASBESTOS DETECTED			
MARK	DATE	DESCRIPTION	BY
START Region 8 Madison Apartments ACM AND AIR ROOFTOP SAMPLING LOCATIONS			
Project No.:			
Designed By:			
Drawn By:		AC	
Checked By:		BK	
1H			



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LEGEND

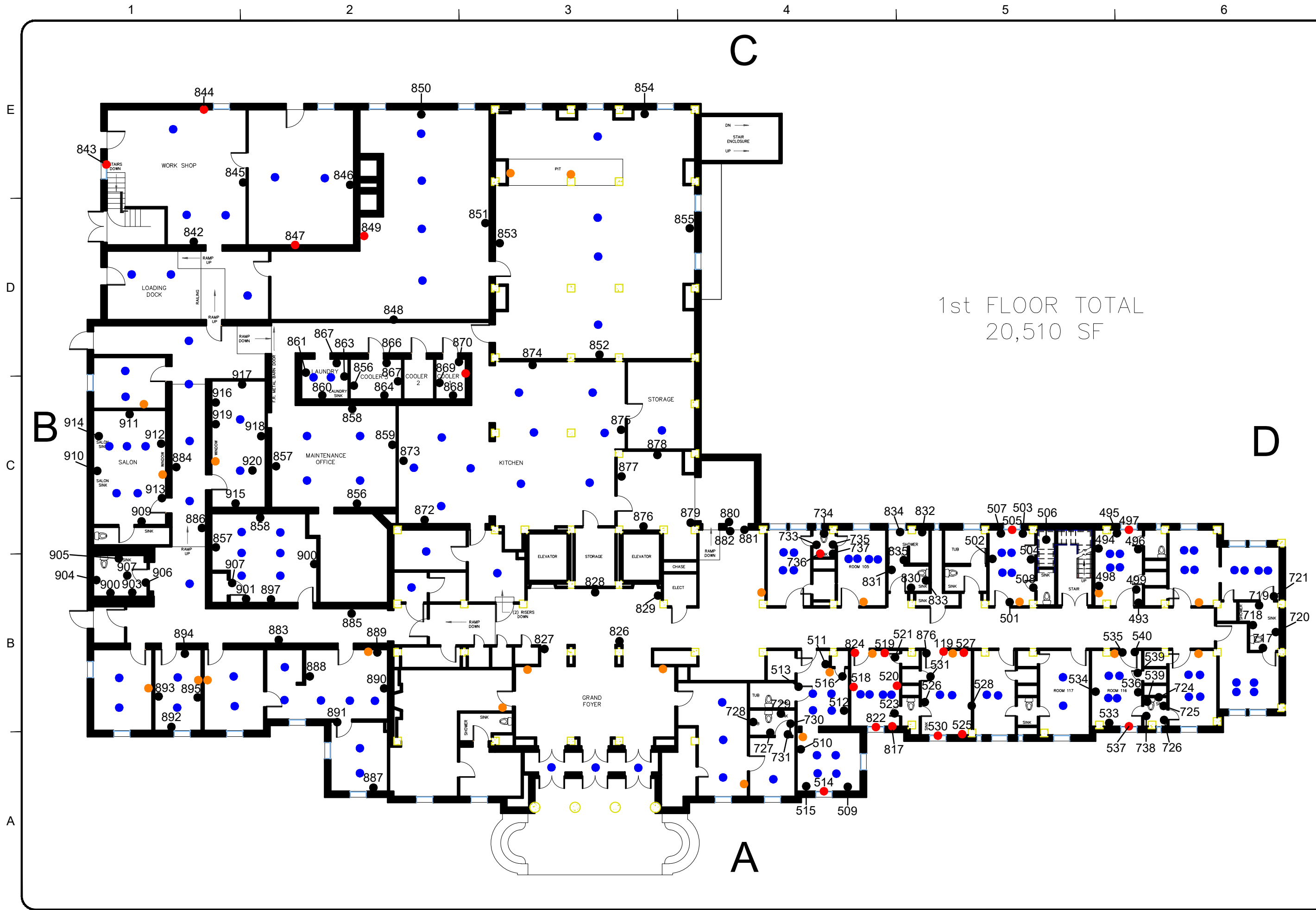
- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

START: Region 8
 Madison Apartments

**LEAD, PCB, & THERMOSTAT
 BASEMENT SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: AC
 Checked By: BK



1st FLOOR TOTAL
20,510 SF



LEGEND

- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

START Region 8
Madison Apartments

**LEAD, PCB, & THERMOSTAT
1st FLOOR SAMPLING LOCATIONS**

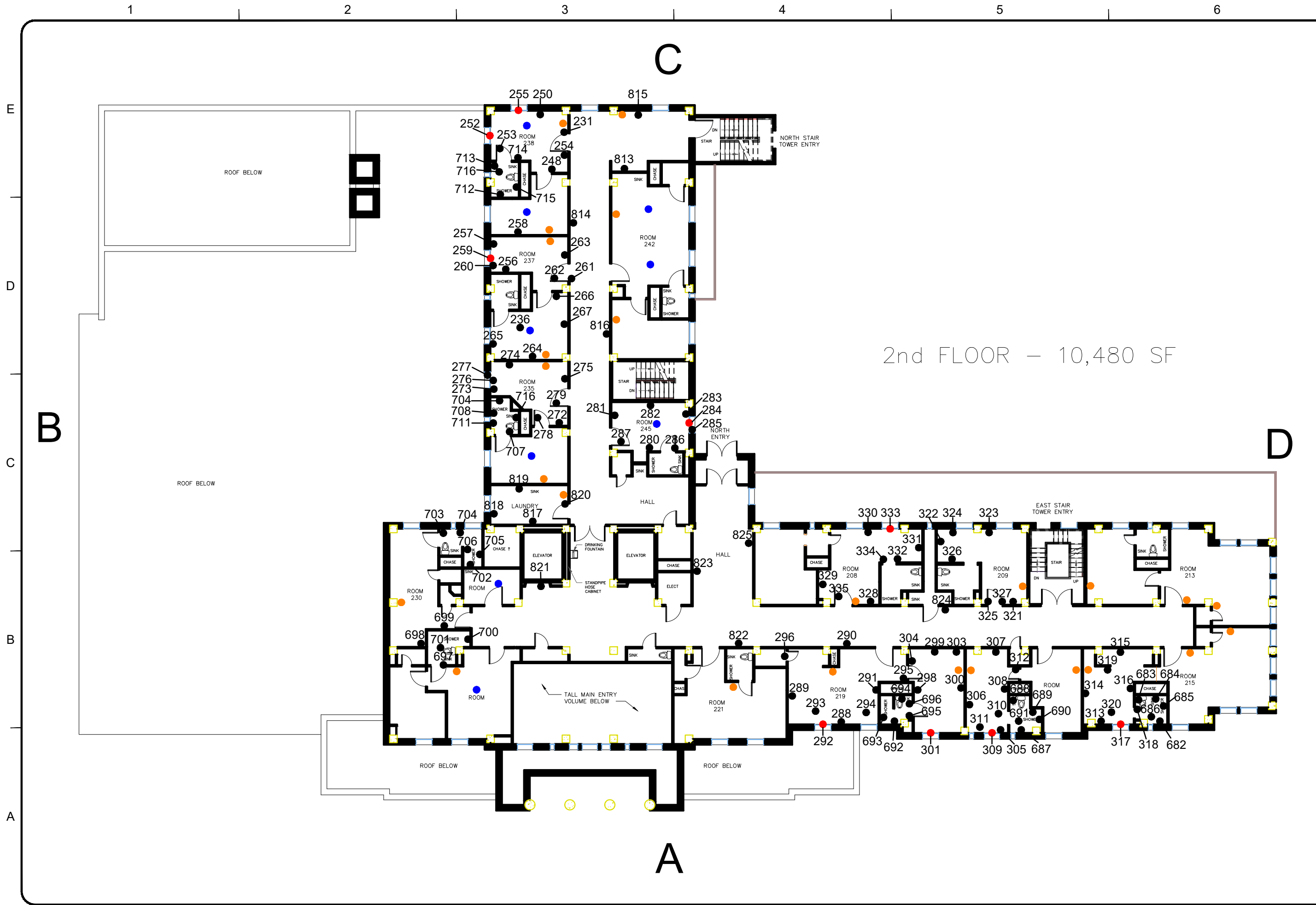
Project No.:
Designed By:
Drawn By: AC
Checked By: BK

2B

Copyright Tetra Tech

Bar Measures 1 inch

5/8/2023 3:17 PM - S:\CAD\FEDERAL\PA\START V REGION 8\MADISON APARTMENTS\PCB-LEAD\PCB-LEAD CAD\PCB-LEAD_LEVEL 2 - FLOOR PLAN - EXISTING.DWG



2nd FLOOR - 10,480 SF

TETRA TECH
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 PHONE: 406-443-5210 FAX: 406-442-7182

LEGEND

- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

START Region 8
 Madison Apartments
**LEAD, PCB, & THERMOSTAT
 2nd FLOOR SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: AC
 Checked By: BK

5/8/2023 3:18 PM - S:\CAD\FEDERAL\PA\START V REGION 8\MADISON APARTMENTS\PCB-LEAD\PCB-LEAD CAD\PCB-LEAD LEVEL 3 - FLOOR PLAN - EXISTING.DWG



3rd FLOOR - 10,850 SF

TETRA TECH
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Helena, Montana 59602
PHONE: 406-443-5210 FAX: 406-442-7182

LEGEND

- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

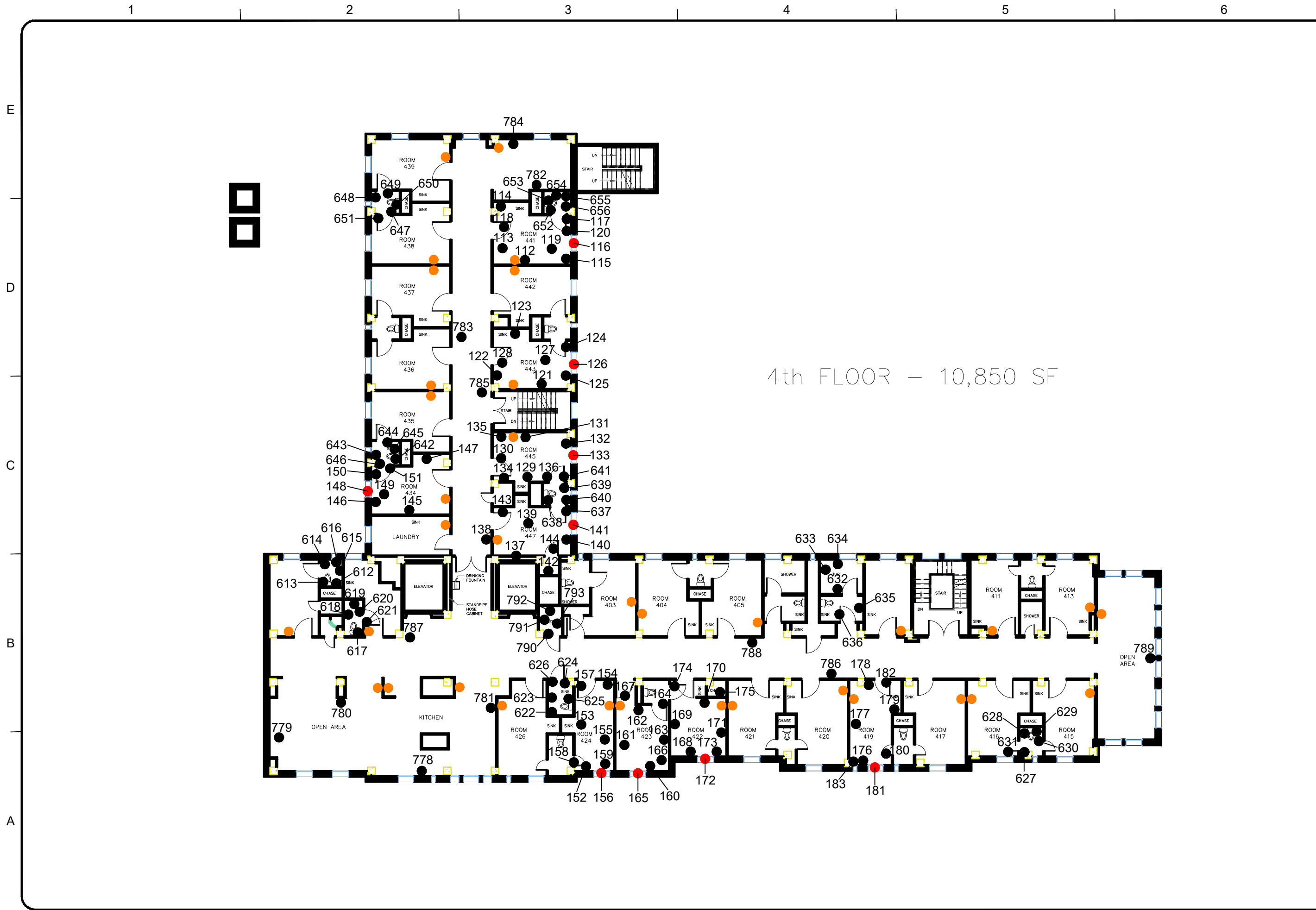
Project No.:
Designed By:
Drawn By: AC
Checked By: BK

**LEAD, PCB, & THERMOSTAT
3rd FLOOR SAMPLING LOCATIONS**

2D

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Bar Measures 1 inch



4th FLOOR - 10,850 SF

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LEGEND

- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

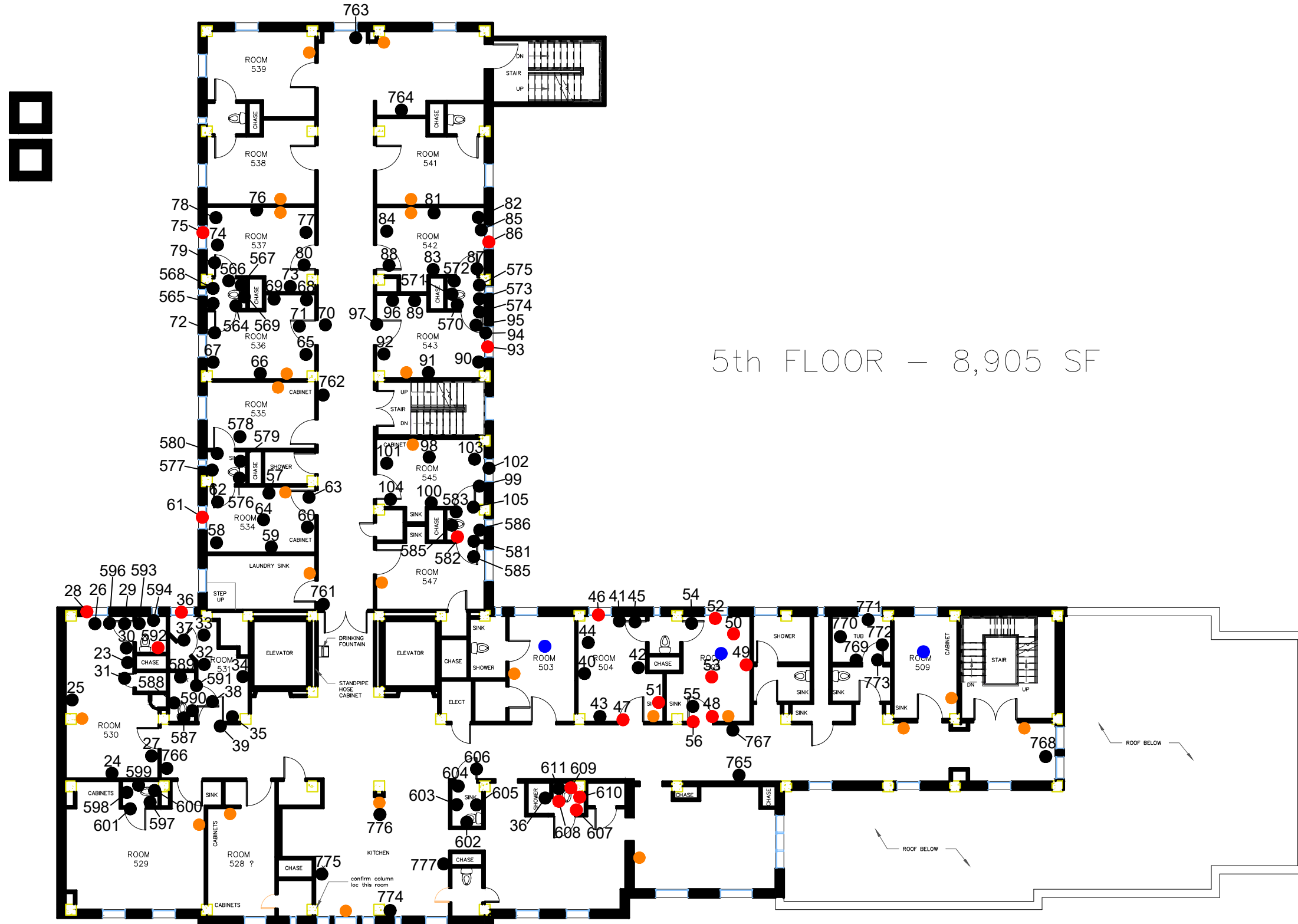
MARK	DATE	DESCRIPTION	BY

START Region 8
 Madison Apartments

**LEAD, PCB, AND THERMOSTAT
 4th FLOOR SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: CS
 Checked By: BK

2E



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LEGEND	
●	Positive Lead
●	Negative Lead
●	PCB Ballast
●	Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

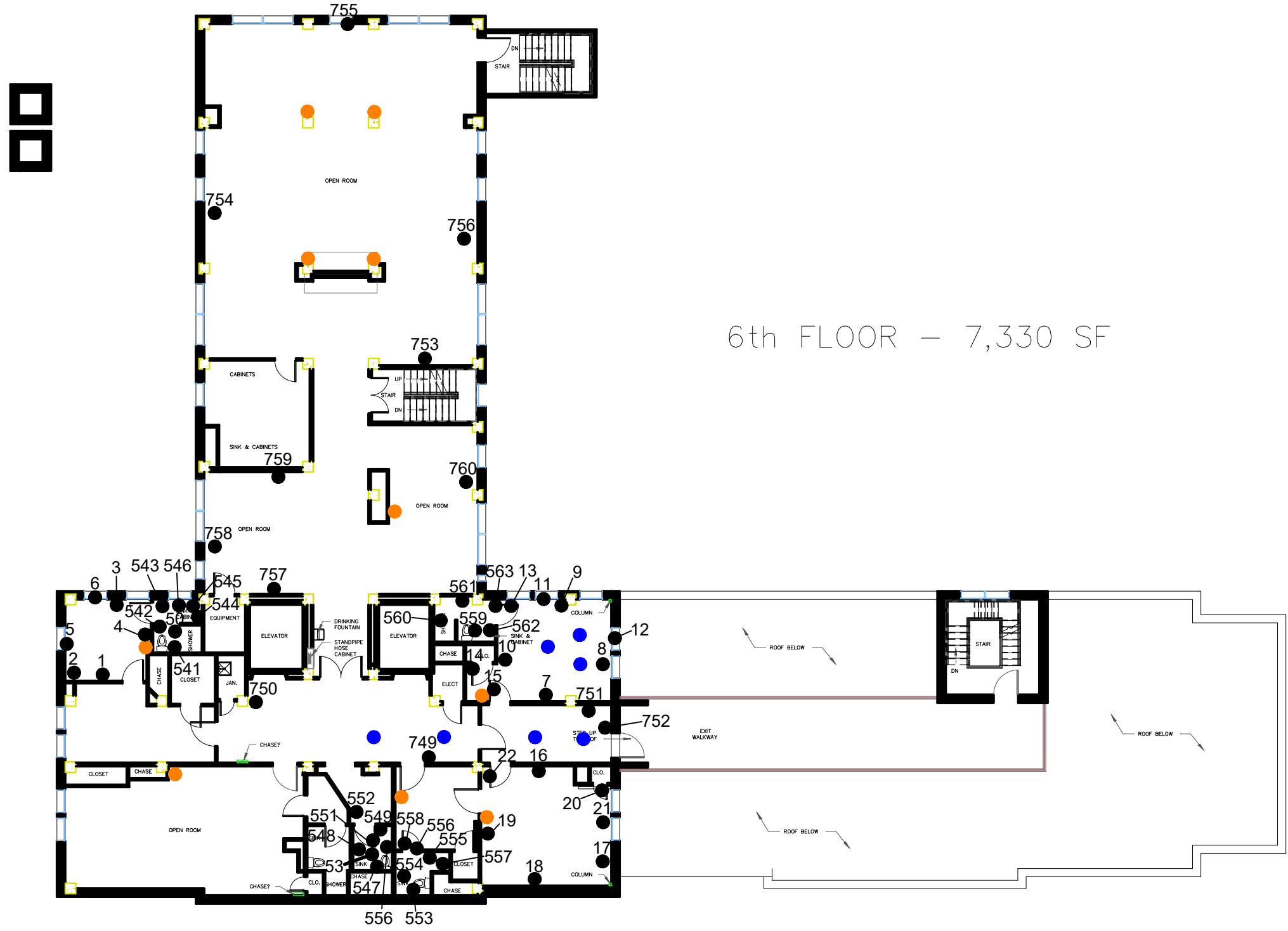
START Region 8
 Madison Apartments

**LEAD, PCB, & THERMOSTAT
 5th FLOOR SAMPLING LOCATIONS**

Project No.:
 Designed By:
 Drawn By: CS
 Checked By: BK

1 2 3 4 5 6

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6th FLOOR - 7,330 SF

LEGEND

- Positive Lead
- Negative Lead
- PCB Ballast
- Mercury Thermostats

MARK	DATE	DESCRIPTION	BY

START Region 8
Madison Apartments

**LEAD, PCB, & THERMOSTAT
6TH FLOOR SAMPLING LOCATIONS**

Project No.:	
Designed By:	
Drawn By:	CS
Checked By:	BK

APPENDIX B: PHOTO LOG

Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana


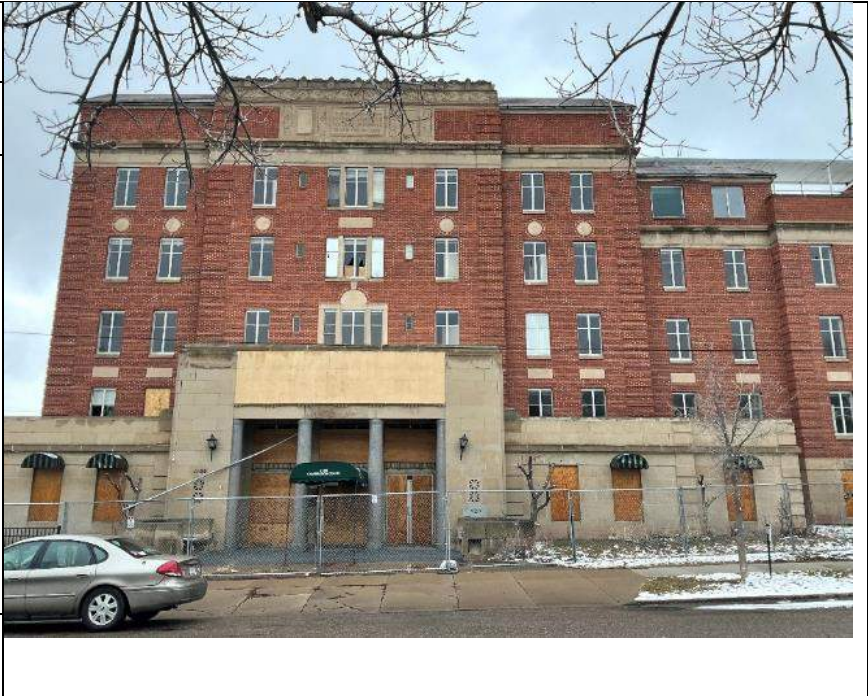
Photo: 1	
Direction: NE	
Description: The site as viewed from the SW.	
Date: March 30, 2023	

Photo: 2	
Direction: N	
Description: The site as viewed from the S.	
Date: March 30, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 3	
Direction: NW	
Description: The site as viewed from the SE.	
Date: March 30, 2023	

Photo: 4	
Direction: W	
Description: The site as viewed from E-NE.	
Date: March 30, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 5	
Direction: E	
Description: A view of the back (North) side of the building.	
Date: March 30, 2023	

Photo: 6	
Direction: SE	
Description: The site as viewed from the NW.	
Date: March 30, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 7	
Direction: E	
Description: The West side of the front entrance.	
Date: March 31, 2023	

Photo: 8	
Direction: NE	
Description: A close up view of the front entrance.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 9	 An aerial photograph taken from a rooftop vantage point looking south. The foreground shows a snow-covered roof edge. Below the roof, a large, multi-story apartment building with a dark roof and light-colored siding is visible. The building has several gabled sections with green accents. The surrounding area is covered in snow, with some trees and other buildings visible in the distance under a cloudy sky.
Direction: S	
Description: The view to the south from the roof.	
Date: March 31, 2023	

Photo: 10	 An aerial photograph taken from a rooftop vantage point looking west. The foreground shows a snow-covered roof edge. Below the roof, a wide view of a residential neighborhood is visible, with numerous houses and trees covered in snow. The sky is clear and blue.
Direction: W	
Description: The view to the west from the roof.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 11	
Direction: N	
Description: The view to the north from the roof.	
Date: September 19, 2022	

Photo: 12	
Direction: E	
Description: The view to the east from the roof.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 13	 A photograph showing the exterior of a small, rectangular room on a rooftop. The walls are light-colored and heavily covered in graffiti. Visible graffiti includes "LOL", "Smile weed everyday!", "K105 55 05", "Doo Doo Clusters", "THINGS AND", and "only for con/num". The room has a dark door and is situated on a flat roof with a concrete base. The ground is covered in snow, and the sky is blue with some clouds.
Direction: SW	
Description: The exterior of the small room on the roof of the building.	
Date: March 31, 2023	

Photo: 14	 A photograph showing the interior of a small room on a rooftop. The room is cluttered with debris, including a large wooden board leaning against the wall, a pallet, and various pieces of trash. The walls are light green and appear to be in poor condition. There is a window in the background and a door on the left. The floor is concrete and covered with dirt and debris.
Direction: W	
Description: The interior of the small room on the roof of the building.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 15	
Direction: S	
Description: The exterior of the flagpole shack on the roof.	
Date: March 31, 2023	

Photo: 16	
Direction: SE	
Description: The interior of the flagpole shack on the roof.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 17	
Direction: SW	
Description: The interior of the flagpole shack on the roof.	
Date: March 31, 2023	

Photo: 18	
Direction: SW	
Description: The kitchen/ open room on the 5 th floor.	
Date: March 31, 2023	


**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 19	
Direction: S	
Description: View of room 529 from the hallway door.	
Date: March 31, 2023	

Photo: 20	
Direction: NE	
Description: Room 529's bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 21	
Direction: NA	
Description: The view of room 534 from the hallway.	
Date: March 31, 2023	

Photo: 22	
Direction: NA	
Description: Room 534's bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 23	 A photograph showing a view from a hallway into a room. The room has a carpeted floor, a window with a view of trees, and a doorway leading to another room. A door on the right is marked with the number 542.
Direction: NA	
Description: View of room from 542 from the hallway.	
Date: March 31, 2023	

Photo: 24	 A photograph of a bathroom. A doorway leads to a room with a green wall. A toilet is visible in the foreground, and a shower area is visible in the background.
Direction: NA	
Description: Room 542's bathroom.	
Date: March 31, 2023	


**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 25	 A photograph showing a view into room 539 from a hallway. The room is in a state of disrepair, with walls covered in yellow and blue graffiti. A window is visible in the background, and the floor is covered in debris.
Direction: W	
Description: The view of room 539 from the hallway.	
Date: March 31, 2023	

Photo: 26	 A photograph showing the bathroom of room 539. The walls are teal, and there is a toilet visible. The floor is covered in debris. The door is open, and the hallway is visible in the background.
Direction: NA	
Description: Room 539's bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 27	
Direction: S	
Description: 5 th floor north hallway.	
Date: March 31, 2023	

Photo: 28	
Direction: NA	
Description: The view of room 505 from the hallway. Elevated lead levels were found in this room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 29	
Direction: NA	
Description: Room 505's bathroom.	
Date: March 31, 2023	

Photo: 30	
Direction: NE	
Description: The 6 th floor open room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 31	
Direction: S	
Description: The central hallway on the 6 th floor.	
Date: March 31, 2023	

Photo: 32	
Direction: S	
Description: A 6 th floor room as viewed from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 33	
Direction: E	
Description: View of the 5 th floor rooftop walkway.	
Date: September 20, 2022	

Photo: 34	
Direction: NA	
Description: The view of room 443 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 35	
Direction: NA	
Description: Room 443's bathroom.	
Date: March 31, 2023	

Photo: 36	
Direction: NA	
Description: The view of room 438 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 37	
Direction: NA	
Description: Room 438's bathroom.	
Date: March 31, 2023	

Photo: 38	
Direction: S	
Description: 4 th floor north hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 39	
Direction: E	
Description: The view of room 447 from the hallway.	
Date: March 31, 2023	

Photo: 40	
Direction: NA	
Description: Room 447's bathroom.	
Date: March 31, 2023	

Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana

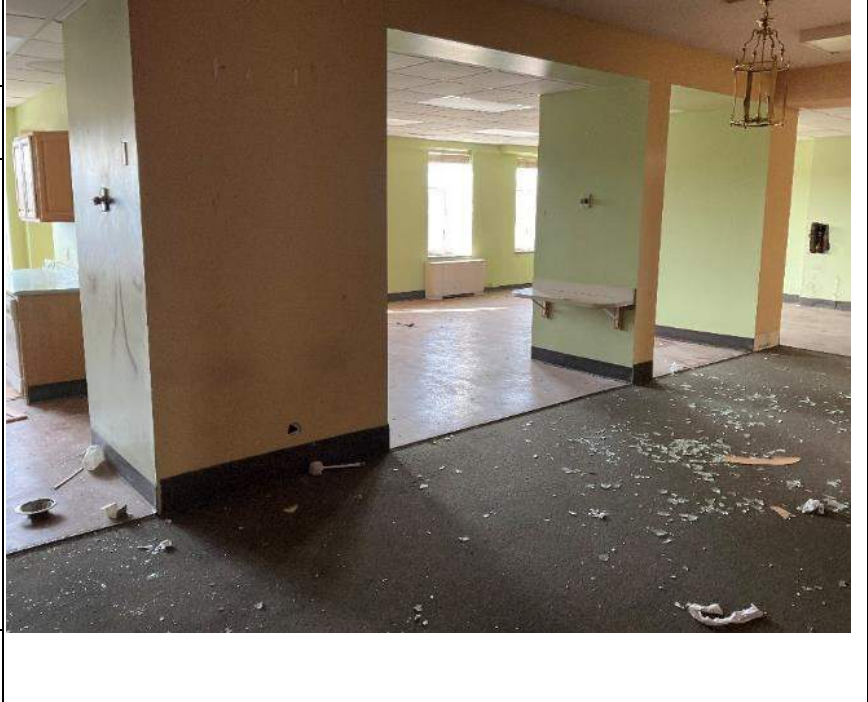
Photo: 41	
Direction: SW	
Description: 4 th floor common area.	
Date: March 31, 2023	

Photo: 42	
Direction: W	
Description: 4 th floor common area.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 43	
Direction: NA	
Description: Unnumbered 4 th floor bedroom.	
Date: March 31, 2023	

Photo: 44	
Direction: NA	
Description: 4 th floor bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 45	
Direction: E	
Description: 4 th floor east hallway.	
Date: March 31, 2023	

Photo: 46	
Direction: NA	
Description: The view of room 426 from the hallway.	
Date: March 31, 2023	

Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana



Photo: 47	
Direction: NA	
Description: Room 426's bathroom.	
Date: March 31, 2023	

Photo: 48	
Direction: N	
Description: 4 th floor bathroom with bathtub.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 49	
Direction: N	
Description: Sitting room on the east side of the 4 th floor.	
Date: March 31, 2023	

Photo: 50	
Direction: NA	
Description: The view of room 316 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo:51	
Direction: NA	
Description: Room 316's bathroom.	
Date: March 31, 2023	

Photo: 52	
Direction: NA	
Description: The view of room 313 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 53	
Direction: NA	
Description: Room 313's bathroom.	
Date: March 31, 2023	

Photo: 54	
Direction: NA	
Description: 3 rd floor bathroom with bathtub.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


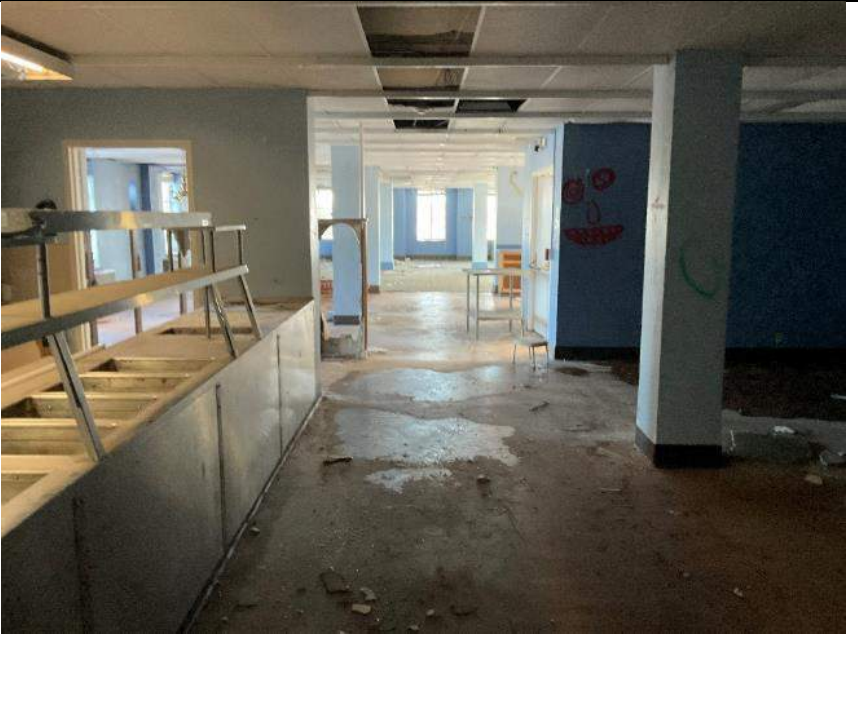
Photo: 55	
Direction: W	
Description: 3 rd floor east hallway.	
Date: March 31, 2023	

Photo: 56	
Direction: N	
Description: 3 rd floor open area / lunchroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 57	
Direction: E	
Description: 3 rd floor open area / lunchroom.	
Date: March 31, 2023	

Photo: 58	
Direction: N	
Description: 3 rd floor open area.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


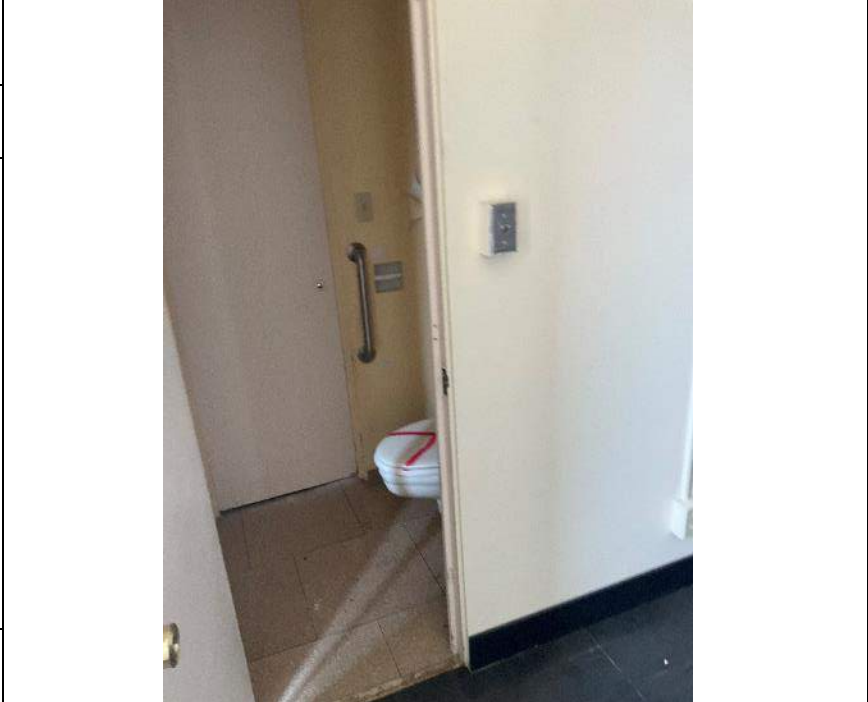
Photo: 59	
Direction: S	
Description: The view of room 320 from the hallway.	
Date: March 31, 2023	

Photo: 60	
Direction: NA	
Description: Room 320's bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 61	
Direction: NA	
Description: The view of room 213 from the hallway.	
Date: March 31, 2023	

Photo: 62	
Direction: N	
Description: 2 nd floor room missing a door.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 63	
Direction: S	
Description: 2 nd floor room missing a door.	
Date: March 31, 2023	

Photo: 64	
Direction: N	
Description: The view of room 209 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 65	
Direction: N	
Description: 2 nd floor room missing a room number.	
Date: March 31, 2023	

Photo: 66	
Direction: E	
Description: 1 st floor bathroom. Water is leaking in from the roof and has flooded the bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 67	
Direction: S	
Description: The view of room 119 from the hallway. Elevated levels of lead were detected in this room.	
Date: March 31, 2023	

Photo: 68	
Direction: S	
Description: The view of room 120 from the hallway. Elevated levels of lead were detected in this room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 69	
Direction: NA	
Description: 1 st floor room missing its door number.	
Date: March 31, 2023	

Photo: 70	
Direction: NA	
Description: 1 st floor room missing its door number.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

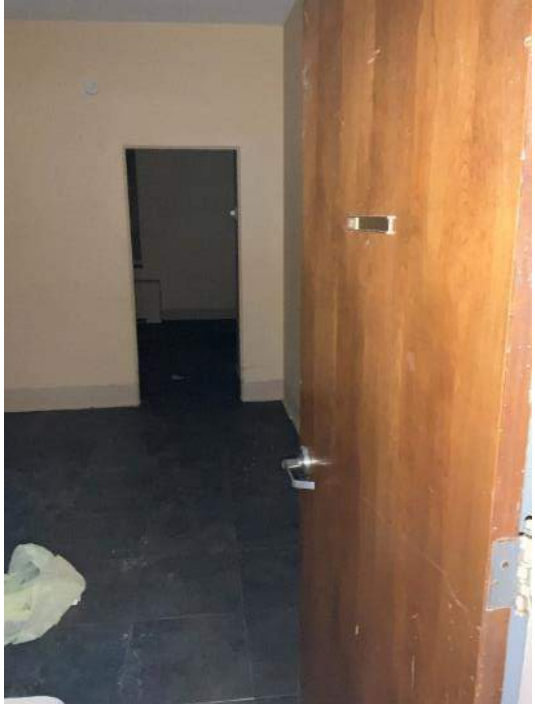

Photo: 71	
Direction: NA	
Description: 1 st floor room missing its door number.	
Date: March 31, 2023	

Photo: 72	
Direction: E	
Description: 1 st floor east hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


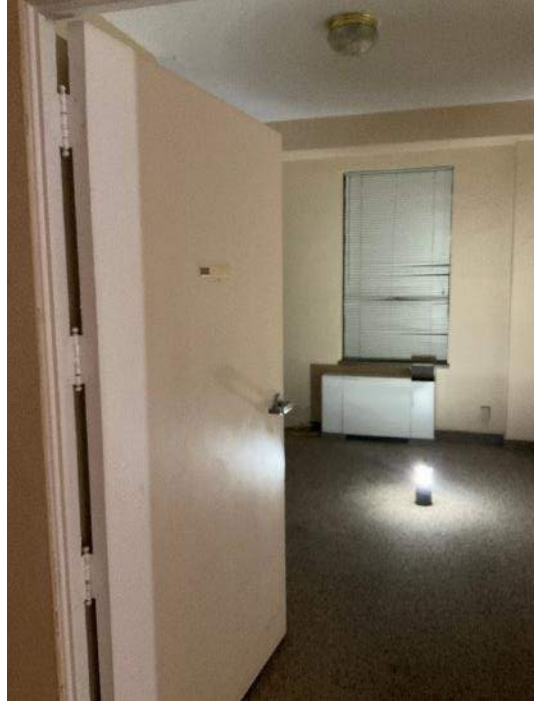
Photo: 73	
Direction: NA	
Description: 1 st floor landing of main stairway.	
Date: March 31, 2023	

Photo: 74	
Direction: NA	
Description: The view of room 217 from the hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 75	
Direction: W	
Description: 2 nd room missing its door number.	
Date: March 31, 2023	

Photo: 76	
Direction: N	
Description: 2 nd floor room missing its door number.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 77	
Direction: W	
Description: 2 nd floor south hallway.	
Date: March 31, 2023	

Photo: 78	
Direction: NA	
Description: 3 rd floor bathroom.	
Date: March 31, 2023	

Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana



Photo: 79	
Direction: N	
Description: 2 nd floor pentagram room.	
Date: March 31, 2023	

Photo: 80	
Direction: W	
Description: 2 nd floor pentagram room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 81	
Direction: E	
Description: 2 nd floor south hallway.	
Date: March 31, 2023	

Photo: 82	
Direction: N	
Description: 2 nd floor north hallway	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 83	
Direction: E	
Description: 2 nd floor room missing its door number.	
Date: March 31, 2023	

Photo: 84	
Direction: W	
Description: 2 nd floor room with roof access through the window.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

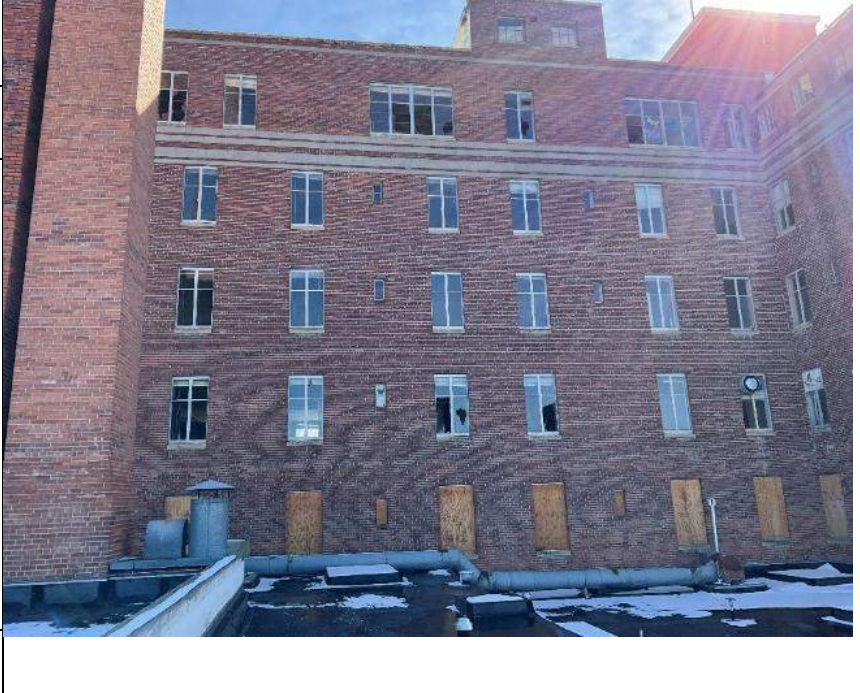

Photo: 85	
Direction: E	
Description: West side of the building from the roof. Accessed from the window in photo 84.	
Date: March 31, 2023	

Photo: 86	
Direction: N	
Description: 2 nd floor entryway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 87	
Direction: NA	
Description: The view of room 105 from the hallway.	
Date: March 31, 2023	

Photo: 88	
Direction: N	
Description: 1 st floor bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 89	
Direction: E	
Description: 1 st floor bathroom bathtub.	
Date: March 31, 2023	

Photo: 90	
Direction: S	
Description: 1 st floor mail area.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 91	
Direction: N	
Description: 1 st floor waiting room	
Date: March 31, 2023	

Photo: 92	
Direction: S	
Description: 1 st floor entry way.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 93	
Direction: NA	
Description: 1 st floor entry way ceiling.	
Date: March 31, 2023	

Photo: 94	
Direction: W	
Description: 1 st floor paper room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 95	
Direction: W	
Description: 1 st floor kitchen.	
Date: March 31, 2023	

Photo: 96	
Direction: N	
Description: 1 st floor kitchen.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 97	
Direction: E	
Description: 1 st floor kitchen.	
Date: March 31, 2023	

Photo: 98	
Direction: E	
Description: 1 st floor kitchen pantry.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 99	
Direction: S	
Description: 1 st floor kitchen pantry.	
Date: March 31, 2023	

Photo: 100	
Direction: W	
Description: 1 st floor cooler hallway.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 101	
Direction: S	
Description: 1 st floor cooler 2.	
Date: March 31, 2023	

Photo: 102	
Direction: NA	
Description: Pipework on the 1 st floor.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 103	
Direction: S	
Description: 1 st floor administration room.	
Date: March 31, 2023	

Photo: 104	
Direction: N	
Description: 1 st floor bright room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 105	
Direction: N	
Description: 1 st floor salon.	
Date: March 31, 2023	

Photo: 106	
Direction: N	
Description: 1 st floor kitchenette room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 107	
Direction: N	
Description: 1 st floor storage room.	
Date: March 31, 2023	

Photo: 108	
Direction: N	
Description: 1 st floor pit room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 109	
Direction: S	
Description: 1 st floor pit room.	
Date: March 31, 2023	

Photo: 110	
Direction: NW	
Description: 1 st floor garden workshop.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


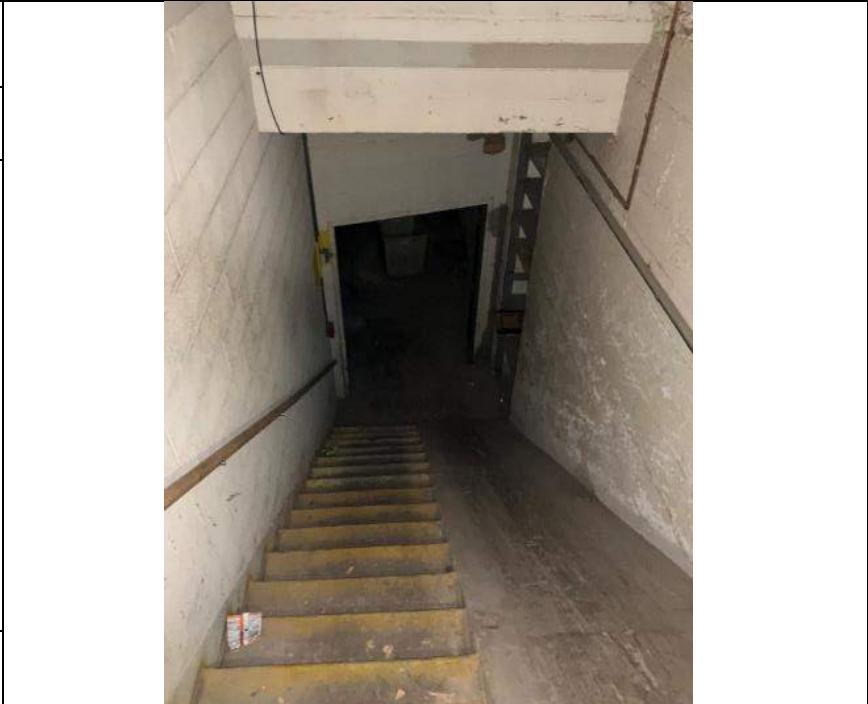
Photo: 111	
Direction: SW	
Description: 1 st floor garden workshop.	
Date: March 31, 2023	

Photo: 112	
Direction: NA	
Description: Basement stairs.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 113	
Direction: N	
Description: Basement boiler room. The largest boiler/ furnace in the basement. The radiological survey was conducted within.	
Date: March 31, 2023	

Photo: 114	
Direction: S	
Description: Basement boiler room. Large tank with exposed insulation.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 115	
Direction: N	
Description: Boiler room.	
Date: March 31, 2023	

Photo: 116	
Direction: W	
Description: Basement workshop.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 117	
Direction: E	
Description: Basement underneath the stairs.	
Date: March 31, 2023	

Photo: 118	
Direction: E	
Description: Basement view of the hot water heaters.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 119	
Direction: SW	
Description: Basement main room. Pictured is a historical fuel oil tank.	
Date: March 31, 2023	

Photo: 120	
Direction: NE	
Description: Basement main room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 121	
Direction: S	
Description: Basement main room.	
Date: March 31, 2023	

Photo: 122	
Direction: NW	
Description: Basement generator room with diesel generator and day tank. This room contained open containers of fuel and fuses.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 123	 A photograph of a basement breaker room. The room contains several large electrical panels, some with doors open, and various pipes and conduits. The floor is concrete and appears somewhat cluttered with debris and a broom.
Direction: E	
Description: Basement breaker room.	
Date: March 31, 2023	

Photo: 124	 A photograph of a generator unit in a basement breaker room. The generator is green and blue, with a large green cylindrical tank at the base. It is mounted on a concrete floor against a wall with peeling paint. Various pipes and electrical connections are visible around the unit.
Direction: NA	
Description: Basement breaker room.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 125	
Direction: NA	
Description: Basement main room.	
Date: March 31, 2023	

Photo: 126	
Direction: W	
Description: Basement boiler room. Corrosive container found.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 127	
Direction: N	
Description: Basement boiler room.	
Date: March 31, 2023	

Photo: 128	
Direction: E	
Description: One end of the largest boiler/ furnace in the basement.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 129	
Direction: NA	
Description: Pipework in the walls.	
Date: March 31, 2023	

Photo: 130	
Direction: N	
Description: 5 th floor bathroom.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 131	
Direction: NW	
Description: 5 th floor bathroom bathtub.	
Date: March 31, 2023	

Photo: 132	
Direction: N	
Description: Pipework in gap in the walls. 4 th floor.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**




Photo: 133	
Direction: NA	
Description: Pipework behind the wall. 3 rd floor.	
Date: March 31, 2023	

Photo: 134	
Direction: NA	
Description: Typical style light fixture found in multiple rooms that contains PCB's.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 135	
Direction: NA	
Description: Typical style light fixture found in multiple rooms that contains PCB's.	
Date: March 31, 2023	

Photo: 136	
Direction: NA	
Description: Typical style light fixture found in multiple rooms that contains PCB's.	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**


Photo: 137	
Direction: NA	
Description: Typical style light fixture found in multiple rooms that contains PCB's.	
Date: March 31, 2023	

Photo: 138	
Direction: NA	
Description: Typical style light fixture found in some bedrooms that contain PCB's	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**



Photo: 139	
Direction: NA	
Description: Typical style light fixture found in most hallways that do not contain PCB's	
Date: March 31, 2023	

Photo: 140	
Direction: NA	
Description: Typical style light fixture found in hallways on floor 1 that do not contain PCB's	
Date: March 31, 2023	

**Phase II ESA Photo Documentation Log
TO-36 Madison Apartments
1109 6th Ave.
Great Falls, Montana**

Photo: 141	
Direction: NA	
Description: Typical style light fixture found in some bedrooms that do not contain PCB's	
Date: March 31, 2023	

Photo: 142	
Direction: NA	
Description: Typical style light fixture found in drop ceilings do not contain PCB's	
Date: March 31, 2023	

APPENDIX C: INSPECTOR CERTIFICATIONS

JAMES GORDON

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos occupation(s) through the specified expiration date(s).

Asbestos Inspector



MTA-6023

03/02/2023

MT DEQ Asbestos Control Program

United States Environmental Protection Agency

This is to certify that



Ammiel C Branson

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Inspector

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires February 02, 2025

LBP-I-1228206-1

Certification #

January 19, 2022

Issued On



A handwritten signature in black ink, appearing to read "Adrienne Priselac".

Adrienne Priselac, Manager, Toxics Office

Land Division

APPENDIX D: ACM ANALYTICAL RESULTS

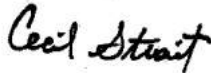
Report for:

Tetra Tech START/EPA
Tetra Tech: START/EPA
3101 Zinfandel Dr. Bldg B, Ste 200
Rancho Cordova, CA 95670

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 103Z737736 - MT DEQ - The Madison Apartments; The Madison Apartments - Great Falls, Montana
EML ID: 3222615

Approved by:

Dates of Analysis:
Asbestos PLM: 04-14-2023 to 04-24-2023



Approved Signatory
Cecil Strait

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 600282-0

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

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

Eurofins EPK Built Environment Testing, LLC

931 Corporate Center Drive, Pomona, CA 91768

(866) 888-6653 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Total Samples Submitted:** 535**Total Samples Analyzed:** 478**Total Samples with Layer Asbestos Content > 1%:** 26**Location: MA-CPT-01-A, Carpet Green Speckled with Mastic**

Lab ID-Version‡: 15612034-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-01-B, Carpet Green Speckled with Mastic

Lab ID-Version‡: 15612035-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-01-C, Carpet Green Speckled with Mastic

Lab ID-Version‡: 15612036-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-01-D, Carpet Green Speckled with Mastic

Lab ID-Version‡: 15612037-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
White Leveling Compound	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. 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

931 Corporate Center Drive, Pomona, CA 91768

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Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-CPT-01-E, Carpet Green Speckled with Mastic**

Lab ID-Version‡: 15612038-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-01-F, Carpet Green Speckled with Mastic

Lab ID-Version‡: 15612039-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
White Leveling Compound	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-01-G, Carpet Green Speckled with Mastic

Lab ID-Version‡: 15612040-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
White Leveling Compound	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-02-A, Carpet Tan/Brown Speckled with Mastic

Lab ID-Version‡: 15612041-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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Eurofins EPK Built Environment Testing, LLC

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Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-CPT-02-B, Carpet Tan/Brown Speckled with Mastic**

Lab ID-Version‡: 15612042-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic with Paint	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-02-C, Carpet Tan/Brown Speckled with Mastic

Lab ID-Version‡: 15612043-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-02-D, Carpet Tan/Brown Speckled with Mastic

Lab ID-Version‡: 15612044-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-02-E, Carpet Tan/Brown Speckled with Mastic

Lab ID-Version‡: 15612045-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-CPT-02-F, Carpet Tan/Brown Speckled with Mastic**

Lab ID-Version‡: 15612046-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-02-G, Carpet Tan/Brown Speckled with Mastic

Lab ID-Version‡: 15612047-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-03-A, Carpet Cream/Beige with Mastic

Lab ID-Version‡: 15612048-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic with Paint	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-03-B, Carpet Cream/Beige with Mastic

Lab ID-Version‡: 15612049-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	87% Synthetic Fibers 3% Cellulose
Sample Composite Homogeneity:	Moderate

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Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

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Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-CPT-03-C, Carpet Cream/Beige with Mastic**

Lab ID-Version‡: 15612050-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic with Paint	ND
White Leveling Compound	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-03-D, Carpet Cream/Beige with Mastic

Lab ID-Version‡: 15612051-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic with Paint	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-03-E, Carpet Cream/Beige with Mastic

Lab ID-Version‡: 15612052-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic with Paint	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-03-F, Carpet Cream/Beige with Mastic

Lab ID-Version‡: 15612053-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-03-G, Carpet Cream/Beige with Mastic**

Lab ID-Version‡: 15612054-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-04-A, Carpet Green Diamond Pattern with Mastic

Lab ID-Version‡: 15612055-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic with Black Mastic	2% Chrysotile
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-CPT-04-B, Carpet Green Diamond Pattern with Mastic**

Lab ID-Version‡: 15612056-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not analysed due to prior positive series**Location: MA-CPT-04-C, Carpet Green Diamond Pattern with Mastic**

Lab ID-Version‡: 15612057-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not analysed due to prior positive series

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ASBESTOS PLM REPORT**Location: MA-CPT-04-D, Carpet Green Diamond Pattern with Mastic**

Lab ID-Version‡: 15612058-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not analysed due to prior positive series

Location: MA-CPT-04-E, Carpet Green Diamond Pattern with Mastic

Lab ID-Version‡: 15612059-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not analysed due to prior positive series

Location: MA-CPT-05-A, Carpet Orange with Mastic

Lab ID-Version‡: 15612060-1

Sample Layers	Asbestos Content
Orange Carpet	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-05-B, Carpet Orange with Mastic

Lab ID-Version‡: 15612061-1

Sample Layers	Asbestos Content
Orange Carpet	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-05-C, Carpet Orange with Mastic**

Lab ID-Version‡: 15612062-1

Sample Layers	Asbestos Content
Orange Carpet	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-06-A, Carpet Brown/Green Rectangle Pattern with Mastic

Lab ID-Version‡: 15612063-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-06-B, Carpet Brown/Green Rectangle Pattern with Mastic

Lab ID-Version‡: 15612064-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-06-C, Carpet Brown/Green Rectangle Pattern with Mastic

Lab ID-Version‡: 15612065-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-07-A, Carpet Tan Shag with Mastic**

Lab ID-Version‡: 15612066-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-07-B, Carpet Tan Shag with Mastic

Lab ID-Version‡: 15612067-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-07-C, Carpet Tan Shag with Mastic

Lab ID-Version‡: 15612068-1

Sample Layers	Asbestos Content
Beige Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-08-A, Carpet Multi-Colored Cruise Ship/Bowling Alley Look with Mastic

Lab ID-Version‡: 15612069-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-08-B, Carpet Multi-Colored Cruise Ship/Bowling Alley Look with
Mastic**

Lab ID-Version‡: 15612070-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

**Location: MA-CPT-08-C, Carpet Multi-Colored Cruise Ship/Bowling Alley Look with
Mastic**

Lab ID-Version‡: 15612071-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-09-A, Carpet Green Leaf Design with Mastic

Lab ID-Version‡: 15612072-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-09-B, Carpet Green Leaf Design with Mastic

Lab ID-Version‡: 15612073-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-09-C, Carpet Green Leaf Design with Mastic**

Lab ID-Version‡: 15612074-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-10-A, Carpet Grey Felt with Adhesive

Lab ID-Version‡: 15612075-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-10-B, Carpet Grey Felt with Adhesive

Lab ID-Version‡: 15612076-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-10-C, Carpet Grey Felt with Adhesive

Lab ID-Version‡: 15612077-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-11-A, Carpet High Traffic Tan with Mastic**

Lab ID-Version‡: 15612078-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-11-B, Carpet High Traffic Tan with Mastic

Lab ID-Version‡: 15612079-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-11-C, Carpet High Traffic Tan with Mastic

Lab ID-Version‡: 15612080-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Adhesive (Trace)	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-12-A, Carpet Tan with Mastic

Lab ID-Version‡: 15612081-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
White Leveling Compound	ND
Composite Non-Asbestos Content:	85% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-12-B, Carpet Tan with Mastic**

Lab ID-Version‡: 15612082-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-12-C, Carpet Tan with Mastic

Lab ID-Version‡: 15612083-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-13-A, Carpet Dark Green Speckled with Mastic

Lab ID-Version‡: 15612084-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Black Mastic	< 1% Chrysotile
Yellow Mastic	ND
White Leveling Compound with Grey Cementitious Material	ND
Composite Non-Asbestos Content:	85% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-CPT-13-B, Carpet Dark Green Speckled with Mastic**

Lab ID-Version‡: 15612085-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-CPT-13-C, Carpet Dark Green Speckled with Mastic**

Lab ID-Version‡: 15612086-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CPT-14-A, Carpet Dark Brown with Mastic

Lab ID-Version‡: 15612087-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CPT-14-B, Carpet Dark Brown with Mastic

Lab ID-Version‡: 15612088-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CPT-14-C, Carpet Dark Brown with Mastic

Lab ID-Version‡: 15612089-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-CPT-15-A, Carpet Black/Red Speckled with Mastic**

Lab ID-Version‡: 15612090-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CPT-15-B, Carpet Black/Red Speckled with Mastic

Lab ID-Version‡: 15612091-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CPT-15-C, Carpet Black/Red Speckled with Mastic

Lab ID-Version‡: 15612092-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
White Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: MA-FT-01-A, Floor Tile 18"x18" Black Peel & Stick with Adhesive

Lab ID-Version‡: 15612093-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Transparent Adhesive	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-01-B, Floor Tile 18"x18" Black Peel & Stick with Adhesive**

Lab ID-Version‡: 15612094-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Transparent Adhesive	ND
Yellow Mastic with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-01-C, Floor Tile 18"x18" Black Peel & Stick with Adhesive

Lab ID-Version‡: 15612095-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Transparent Adhesive	ND
Gray Fibrous Material (Residual)	ND
Composite Non-Asbestos Content:	3% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-01-A, Sheet Flooring Wood Floor Look with Mastic

Lab ID-Version‡: 15612096-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
White Fibrous Material (Mesh)	ND
Beige Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-01-B, Sheet Flooring Wood Floor Look with Mastic**

Lab ID-Version‡: 15612097-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
White Fibrous Material (Mesh)	ND
Beige Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.

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Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison
Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-SF-01-C, Sheet Flooring Wood Floor Look with Mastic**

Lab ID-Version‡: 15612098-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
White Fibrous Material (Mesh)	ND
Beige Mastic and Gray Leveling Compound	ND
Yellow Mastic and Gray Cementitious Material	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-01-D, Sheet Flooring Wood Floor Look with Mastic**

Lab ID-Version‡: 15612099-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
White Fibrous Material (Mesh)	ND
Beige Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-01-E, Sheet Flooring Wood Floor Look with Mastic**

Lab ID-Version‡: 15612100-1

Sample Layers	Asbestos Content
Brown Sheet Flooring	ND
White Fibrous Material (Mesh)	ND
Beige Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-PLAS-01-A, Plaster**

Lab ID-Version‡: 15612101-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-PLAS-01-B, Plaster**

Lab ID-Version‡: 15612102-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-01-C, Plaster

Lab ID-Version‡: 15612103-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-01-D, Plaster

Lab ID-Version‡: 15612104-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-01-E, Plaster

Lab ID-Version‡: 15612105-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-PLAS-01-F, Plaster**

Lab ID-Version‡: 15612106-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-01-G, Plaster

Lab ID-Version‡: 15612107-1

Sample Layers	Asbestos Content
Gray Plaster	ND
White Skim Coat with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-16-A, Carpet Green Multi-Colored Speckled with Mastic

Lab ID-Version‡: 15612108-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Beige Leveling Compound	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-16-B, Carpet Green Multi-Colored Speckled with Mastic

Lab ID-Version‡: 15612109-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Beige Leveling Compound	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-16-C, Carpet Green Multi-Colored Speckled with Mastic**

Lab ID-Version‡: 15612110-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-16-D, Carpet Green Multi-Colored Speckled with Mastic

Lab ID-Version‡: 15612111-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-16-E, Carpet Green Multi-Colored Speckled with Mastic

Lab ID-Version‡: 15612112-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-FT-02-A, Floor Tile White with Grey Veins with Mastic

Lab ID-Version‡: 15612113-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Semi-Transparent Adhesive	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-02-B, Floor Tile White with Grey Veins with Mastic**

Lab ID-Version‡: 15612114-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Semi-Transparent Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-02-C, Floor Tile White with Grey Veins with Mastic

Lab ID-Version‡: 15612115-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Semi-Transparent Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-03-A, Floor Tile 12"x12" Green/Grey with Mastic

Lab ID-Version‡: 15612116-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-03-B, Floor Tile 12"x12" Green/Grey with Mastic

Lab ID-Version‡: 15612117-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-03-C, Floor Tile 12"x12" Green/Grey with Mastic**

Lab ID-Version‡: 15612118-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Gray Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-03-D, Floor Tile 12"x12" Green/Grey with Mastic

Lab ID-Version‡: 15612119-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Yellow Mastic	ND
Gray Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-03-E, Floor Tile 12"x12" Green/Grey with Mastic

Lab ID-Version‡: 15612120-1

Sample Layers	Asbestos Content
Green Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-04-A, Floor Tile 12"x12" White Four-Square Pattern with Mastic

Lab ID-Version‡: 15612121-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Adhesive	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-04-B, Floor Tile 12"x12" White Four-Square Pattern with Mastic**

Lab ID-Version‡: 15612122-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-04-C, Floor Tile 12"x12" White Four-Square Pattern with Mastic

Lab ID-Version‡: 15612123-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Transparent Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-SF-02-A, Sheet Flooring Off-White 4" Tile Pattern with Mastic

Lab ID-Version‡: 15612124-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers
Sample Composite Homogeneity: Moderate	

Location: MA-SF-02-B, Sheet Flooring Off-White 4" Tile Pattern with Mastic

Lab ID-Version‡: 15612125-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers
Sample Composite Homogeneity: Moderate	

Comments: No mastic was detected.

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ASBESTOS PLM REPORT**Location: MA-SF-02-C, Sheet Flooring Off-White 4" Tile Pattern with Mastic**

Lab ID-Version‡: 15612126-1

Sample Layers	Asbestos Content
Off-White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-FT-05-A, Floor Tile 18"x18" Tan/Brown Speckled Peel & Stick with Adhesive**

Lab ID-Version‡: 15612127-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Off-White Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-05-B, Floor Tile 18"x18" Tan/Brown Speckled Peel & Stick with Adhesive

Lab ID-Version‡: 15612128-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Yellow Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-05-C, Floor Tile 18"x18" Tan/Brown Speckled Peel & Stick with Adhesive

Lab ID-Version‡: 15612129-1

Sample Layers	Asbestos Content
Tan Sheet Flooring	ND
Off-White Adhesive	ND
Gray Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-03-A, Sheet Flooring 12"x12" White Granite Look with Mastic**

Lab ID-Version‡: 15612130-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic and Gray Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-03-B, Sheet Flooring 12"x12" White Granite Look with Mastic**

Lab ID-Version‡: 15612131-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-03-C, Sheet Flooring 12"x12" White Granite Look with Mastic

Lab ID-Version‡: 15612132-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-04-A, Sheet Flooring White/Pink Octagon Pattern with Mastic

Lab ID-Version‡: 15612133-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-04-B, Sheet Flooring White/Pink Octagon Pattern with Mastic**

Lab ID-Version‡: 15612134-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-04-C, Sheet Flooring White/Pink Octagon Pattern with Mastic

Lab ID-Version‡: 15612135-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-05-A, Sheet Flooring White with Red Diamonds with Mastic

Lab ID-Version‡: 15612136-1

Sample Layers	Asbestos Content
Red Sheet Flooring with Fibrous Backing	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-05-B, Sheet Flooring White with Red Diamonds with Mastic

Lab ID-Version‡: 15612137-1

Sample Layers	Asbestos Content
Red Sheet Flooring with Fibrous Backing	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-05-C, Sheet Flooring White with Red Diamonds with Mastic**

Lab ID-Version‡: 15612138-1

Sample Layers	Asbestos Content
Red Sheet Flooring with Fibrous Backing	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-FT-06-A, Sheet Flooring with White/Grey Brick Pattern with Mastic

Lab ID-Version‡: 15612139-1

Sample Layers	Asbestos Content
White Sheet Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-06-B, Sheet Flooring with White/Grey Brick Pattern with Mastic

Lab ID-Version‡: 15612140-1

Sample Layers	Asbestos Content
White Sheet Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-06-C, Sheet Flooring with White/Grey Brick Pattern with Mastic

Lab ID-Version‡: 15612141-1

Sample Layers	Asbestos Content
White Sheet Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-07-A, Sheet Flooring White/Pink Four-Square Pattern with Mastic**

Lab ID-Version‡: 15612142-1

Sample Layers	Asbestos Content
White Sheet Flooring	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-SF-06-A, Sheet Flooring White/Grey 4" Tile Pattern with Mastic

Lab ID-Version‡: 15612145-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Flooring	ND
Yellow Mastic and Black Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity: Moderate	

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-06-B, Sheet Flooring White/Grey 4" Tile Pattern with Mastic**

Lab ID-Version‡: 15612146-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic 1	ND
Gray Flooring	ND
Yellow Mastic 2	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT

Location: MA-SF-06-C, Sheet Flooring White/Grey 4" Tile Pattern with Mastic

Lab ID-Version‡: 15612147-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic 1	ND
Gray Flooring	ND
Yellow Mastic 2	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-07-A, Sheet Flooring Beige with Tan Diamonds with Mastic**

Lab ID-Version‡: 15612148-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-07-B, Sheet Flooring Beige with Tan Diamonds with Mastic

Lab ID-Version‡: 15612149-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-07-C, Sheet Flooring Beige with Tan Diamonds with Mastic

Lab ID-Version‡: 15612150-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-FT-08-A, Floor Tile Tan with Brown Diamonds with Mastic

Lab ID-Version‡: 15612151-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-08-B, Floor Tile Tan with Brown Diamonds with Mastic**

Lab ID-Version‡: 15612152-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-08-C, Floor Tile Tan with Brown Diamonds with Mastic

Lab ID-Version‡: 15612153-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-09-A, Floor Tile 9"x9" Tan with Mastic

Lab ID-Version‡: 15612154-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Tan Floor Tile	ND
Brown/Black Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-09-B, Floor Tile 9"x9" Tan with Mastic

Lab ID-Version‡: 15612155-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-09-C, Floor Tile 9"x9" Tan with Mastic**

Lab ID-Version‡: 15612156-1

Sample Layers	Asbestos Content
Tan Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-SF-08-A, Sheet Flooring Light Grey Pebble Pattern with Mastic

Lab ID-Version‡: 15612157-1

Sample Layers	Asbestos Content
Gray Sheet Flooring with Fibrous Backing	12% Chrysotile
Yellow Mastic	ND
Composite Non-Asbestos Content: 10% Cellulose	
Sample Composite Homogeneity: Moderate	

Comments: Sample MA-SF-08-B and MA-SF-08-C were not analyzed due to prior positive series.**Location: MA-FT-10-A, Floor Tile Dark Grey Modern Style Peel & Stick with Adhesive**

Lab ID-Version‡: 15612160-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-10-B, Floor Tile Dark Grey Modern Style Peel & Stick with Adhesive

Lab ID-Version‡: 15612161-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Adhesive	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-10-C, Floor Tile Dark Grey Modern Style Peel & Stick with Adhesive**

Lab ID-Version‡: 15612162-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: MA-FT-11-A, Floor Tile 9"x9" Green/Blue Under Felt Carpet Squares with Mastic

Lab ID-Version‡: 15612163-1

Sample Layers	Asbestos Content
Blue Floor Tile	2% Chrysotile
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Comments: Sample MA-FT-11B and MA-FT-11C were not analyzed due to prior positive series.**Location: MA-SF-09-A, Sheet Flooring White 3" Square Pattern with Mastic**

Lab ID-Version‡: 15612166-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-09-B, Sheet Flooring White 3" Square Pattern with Mastic

Lab ID-Version‡: 15612167-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-09-C, Sheet Flooring White 3" Square Pattern with Mastic**

Lab ID-Version‡: 15612168-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-10-A, Sheet Flooring Dark Grey Pebble Pattern with Mastic

Lab ID-Version‡: 15612169-1

Sample Layers	Asbestos Content
Dark Gray Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-10-B, Sheet Flooring Dark Grey Pebble Pattern with Mastic

Lab ID-Version‡: 15612170-1

Sample Layers	Asbestos Content
Dark Gray Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-10-C, Sheet Flooring Dark Grey Pebble Pattern with Mastic

Lab ID-Version‡: 15612171-1

Sample Layers	Asbestos Content
Dark Gray Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-11-A, Sheet Flooring White/Grey with White Diamond with Mastic**

Lab ID-Version‡: 15612172-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic 1	ND
Beige Sheet Flooring	ND
Yellow Mastic 2	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-11-B, Sheet Flooring White/Grey with White Diamond with Mastic

Lab ID-Version‡: 15612173-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic 1	ND
Beige Sheet Flooring	ND
Yellow Mastic 2	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-11-C, Sheet Flooring White/Grey with White Diamond with Mastic

Lab ID-Version‡: 15612174-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic 1	ND
Beige Sheet Flooring	ND
Yellow Mastic 2	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: MA-SF-12-A, Sheet Flooring White/Grey Crosshatch Pattern with Mastic

Lab ID-Version‡: 15612175-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-12-B, Sheet Flooring White/Grey Crosshatch Pattern with Mastic**

Lab ID-Version‡: 15612176-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-12-C, Sheet Flooring White/Grey Crosshatch Pattern with Mastic

Lab ID-Version‡: 15612177-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-13-A, Sheet Flooring Tan Santa Fe Style with Mastic

Lab ID-Version‡: 15612178-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Yellow Mastic and White Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-13-B, Sheet Flooring Tan Santa Fe Style with Mastic**

Lab ID-Version‡: 15612179-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Yellow Mastic and White Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.

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ASBESTOS PLM REPORT**Location: MA-SF-13-C, Sheet Flooring Tan Santa Fe Style with Mastic**

Lab ID-Version‡: 15612180-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Yellow Mastic and White Leveling Compound	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-14-A, Sheet Flooring White with "X" Pattern with Mastic**

Lab ID-Version‡: 15612181-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers 2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-14-B, Sheet Flooring White with "X" Pattern with Mastic

Lab ID-Version‡: 15612182-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers 2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-14-C, Sheet Flooring White with "X" Pattern with Mastic

Lab ID-Version‡: 15612183-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	12% Cellulose 2% Glass Fibers 2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-12-A, Floor Tile 9"x9" White with Mastic**

Lab ID-Version‡: 15612184-1

Sample Layers	Asbestos Content
Brown Mastic	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-12-B, Floor Tile 9"x9" White with Mastic

Lab ID-Version‡: 15612185-1

Sample Layers	Asbestos Content
Brown Mastic	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-12-C, Floor Tile 9"x9" White with Mastic

Lab ID-Version‡: 15612186-1

Sample Layers	Asbestos Content
Brown Mastic	ND
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-13-A, Floor Tile 9"x9" Green with Mastic

Lab ID-Version‡: 15612187-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Green Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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Montana

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ASBESTOS PLM REPORT**Location: MA-FT-13-B, Floor Tile 9"x9" Green with Mastic**

Lab ID-Version‡: 15612188-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Green Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-13-C, Floor Tile 9"x9" Green with Mastic

Lab ID-Version‡: 15612189-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Green Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-14-A, Floor Tile 12"x12" White with Mastic

Lab ID-Version‡: 15612190-1

Sample Layers	Asbestos Content
White Floor Tile	2% Chrysotile
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Comments: Sample MA-FT-14B and MA-FT-14C were not analyzed due to prior positive series.**Location: MA-CPT-17-A, Carpet Brown with Mastic**

Lab ID-Version‡: 15612193-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-17-B, Carpet Brown with Mastic**

Lab ID-Version‡: 15612194-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-17-C, Carpet Brown with Mastic

Lab ID-Version‡: 15612195-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-FT-15-A, Floor Tile Black/Red with Mastic

Lab ID-Version‡: 15612196-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Brown Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-FT-15-B, Floor Tile Black/Red with Mastic

Lab ID-Version‡: 15612197-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Brown Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-15-C, Floor Tile Black/Red with Mastic**

Lab ID-Version‡: 15612198-1

Sample Layers	Asbestos Content
Black Floor Tile	ND
Brown Mastic	ND
Brown Fibrous Material (Mesh)	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-SF-15-A, Sheet Flooring Teal with Mastic

Lab ID-Version‡: 15612199-1

Sample Layers	Asbestos Content
Green Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	13% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-SF-15-B, Sheet Flooring Teal with Mastic

Lab ID-Version‡: 15612200-1

Sample Layers	Asbestos Content
Green Sheet Flooring with Fibrous Backing	ND
Yellow Mastic (Trace) with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	13% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-15-C, Sheet Flooring Teal with Mastic**

Lab ID-Version‡: 15612201-1

Sample Layers	Asbestos Content
Green Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	13% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-SF-15-D, Sheet Flooring Teal with Mastic**

Lab ID-Version‡: 15612202-1

Sample Layers	Asbestos Content
Green Sheet Flooring with Fibrous Backing	ND
Yellow Mastic with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	13% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-15-E, Sheet Flooring Teal with Mastic**

Lab ID-Version‡: 15612203-1

Sample Layers	Asbestos Content
Green Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	13% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CB-01-A, Cove Base Teal with Mastic

Lab ID-Version‡: 15612204-1

Sample Layers	Asbestos Content
Green Baseboard	ND
Yellow Mastic	ND
Gray Paper	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CB-01-B, Cove Base Teal with Mastic

Lab ID-Version‡: 15612205-1

Sample Layers	Asbestos Content
Green Baseboard	ND
White Mastic	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CB-01-C, Cove Base Teal with Mastic**

Lab ID-Version‡: 15612206-1

Sample Layers	Asbestos Content
Green Baseboard	ND
Yellow Mastic	ND
White Texture (Trace)	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-02-A, Cove Base 3" White with Mastic

Lab ID-Version‡: 15612207-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-02-B, Cove Base 3" White with Mastic

Lab ID-Version‡: 15612208-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-02-C, Cove Base 3" White with Mastic

Lab ID-Version‡: 15612209-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-03-A, Cove Base 6" Brown with Mastic**

Lab ID-Version‡: 15612210-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-03-B, Cove Base 6" Brown with Mastic

Lab ID-Version‡: 15612211-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
Brown Wood	ND
Composite Non-Asbestos Content: 2% Cellulose	
Sample Composite Homogeneity: Moderate	

Location: MA-CB-03-C, Cove Base 6" Brown with Mastic

Lab ID-Version‡: 15612212-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Texture (Trace)	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-04-A, Cove Base 4" Brown with Mastic

Lab ID-Version‡: 15612213-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
White Texture	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-04-B, Cove Base 4" Brown with Mastic**

Lab ID-Version‡: 15612214-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-04-C, Cove Base 4" Brown with Mastic

Lab ID-Version‡: 15612215-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
Brown Wood	ND
Composite Non-Asbestos Content: 2% Cellulose	
Sample Composite Homogeneity: Moderate	

Location: MA-CB-05-A, Cove Base 4" Sand Brown with Mastic

Lab ID-Version‡: 15612216-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-05-B, Cove Base 4" Sand Brown with Mastic

Lab ID-Version‡: 15612217-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Texture	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-05-C, Cove Base 4" Sand Brown with Mastic**

Lab ID-Version‡: 15612218-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Texture (Trace)	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-06-A, Cove Base 3" Brown with Mastic

Lab ID-Version‡: 15612219-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-06-B, Cove Base 3" Brown with Mastic

Lab ID-Version‡: 15612220-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-06-C, Cove Base 3" Brown with Mastic

Lab ID-Version‡: 15612221-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic with Paint	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-07-A, Cove Base 4" White with Mastic**

Lab ID-Version‡: 15612222-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-07-B, Cove Base 4" White with Mastic

Lab ID-Version‡: 15612223-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic	ND
White Texture (Trace)	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-07-C, Cove Base 4" White with Mastic

Lab ID-Version‡: 15612224-1

Sample Layers	Asbestos Content
White Baseboard	ND
Yellow Mastic	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-08-A, Cove Base 3" Tan with Mastic

Lab ID-Version‡: 15612225-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-08-B, Cove Base 3" Tan with Mastic**

Lab ID-Version‡: 15612226-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-08-C, Cove Base 3" Tan with Mastic

Lab ID-Version‡: 15612227-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-16-A, Floor Tile 12"x12" Grey/Tan with Mastic

Lab ID-Version‡: 15612228-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-16-B, Floor Tile 12"x12" Grey/Tan with Mastic

Lab ID-Version‡: 15612229-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Gray Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-16-C, Floor Tile 12"x12" Grey/Tan with Mastic**

Lab ID-Version‡: 15612230-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
Yellow Leveling Compound	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-17-A, Floor Tile 12"x12" Beige with Mastic

Lab ID-Version‡: 15612231-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-17-B, Floor Tile 12"x12" Beige with Mastic

Lab ID-Version‡: 15612232-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-17-C, Floor Tile 12"x12" Beige with Mastic

Lab ID-Version‡: 15612233-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-SF-16-A, Sheet Flooring Green/White Tile Pattern with Mastic**

Lab ID-Version‡: 15612234-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic with Brown Wood	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-16-B, Sheet Flooring Green/White Tile Pattern with Mastic**

Lab ID-Version‡: 15612235-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic with Brown Wood	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-16-C, Sheet Flooring Green/White Tile Pattern with Mastic**

Lab ID-Version‡: 15612236-1

Sample Layers	Asbestos Content
White Sheet Flooring with Fibrous Backing	ND
Yellow Mastic with Brown Wood	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-FT-18-A, Floor Tile 9"x9" Yellow with Mastic**

Lab ID-Version‡: 15612237-1

Sample Layers	Asbestos Content
Yellow Floor Tile	ND
Brown Mastic	ND
Gray Cementitious Material (Trace)	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-18-B, Floor Tile 9"x9" Yellow with Mastic**

Lab ID-Version‡: 15612238-1

Sample Layers	Asbestos Content
Yellow Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-18-C, Floor Tile 9"x9" Yellow with Mastic

Lab ID-Version‡: 15612239-1

Sample Layers	Asbestos Content
Yellow Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-19-A, Floor Tile 9"x9" White with Mastic

Lab ID-Version‡: 15612240-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-19-B, Floor Tile 9"x9" White with Mastic

Lab ID-Version‡: 15612241-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-19-C, Floor Tile 9"x9" White with Mastic**

Lab ID-Version‡: 15612242-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-20-A, Carpet Grey with Mastic

Lab ID-Version‡: 15612243-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-20-B, Carpet Grey with Mastic

Lab ID-Version‡: 15612244-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-20-C, Carpet Grey with Mastic

Lab ID-Version‡: 15612245-1

Sample Layers	Asbestos Content
Gray Carpet	ND
Yellow Mastic (Trace)	ND
Composite Non-Asbestos Content:	95% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-20-A, Floor Tile 9"x9" Tan with Mastic**

Lab ID-Version‡: 15612246-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-20-B, Floor Tile 9"x9" Tan with Mastic

Lab ID-Version‡: 15612247-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-20-C, Floor Tile 9"x9" Tan with Mastic

Lab ID-Version‡: 15612248-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-DWS-01-A, Drywall System

Lab ID-Version‡: 15612249-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity: Poor	

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ASBESTOS PLM REPORT**Location: MA-DWS-01-B, Drywall System**

Lab ID-Version‡: 15612250-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-01-C, Drywall System

Lab ID-Version‡: 15612251-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-01-D, Drywall System

Lab ID-Version‡: 15612252-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	8% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-01-E, Drywall System

Lab ID-Version‡: 15612253-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-DWS-02-A, Drywall System**

Lab ID-Version‡: 15612254-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-02-B, Drywall System

Lab ID-Version‡: 15612255-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-02-C, Drywall System

Lab ID-Version‡: 15612256-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-02-D, Drywall System

Lab ID-Version‡: 15612257-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-DWS-02-E, Drywall System**

Lab ID-Version‡: 15612258-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-03-A, Drywall System

Lab ID-Version‡: 15612259-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-03-B, Drywall System

Lab ID-Version‡: 15612260-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-DWS-03-C, Drywall System

Lab ID-Version‡: 15612261-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Fibrous Material (Mesh)	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-DWS-04-A, Drywall System**

Lab ID-Version‡: 15612262-1

Sample Layers	Asbestos Content
Beige Joint Compound with Paint	2% Chrysotile
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	6% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Sample MA-DWS-04-B, 04-C, 04-D, and 04-E were not analyzed due to prior positive series.

Location: MA-DWS-05-A, Drywall System

Lab ID-Version‡: 15612267-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Blue Fibrous Material (Mesh)	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-05-B, Drywall System

Lab ID-Version‡: 15612268-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-05-C, Drywall System

Lab ID-Version‡: 15612269-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-DWS-05-D, Drywall System**

Lab ID-Version‡: 15612270-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-05-E, Drywall System

Lab ID-Version‡: 15612271-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Moderate

Comments: No drywall was detected.**Location: MA-DWS-06-A, Drywall System**

Lab ID-Version‡: 15612272-1

Sample Layers	Asbestos Content
Beige Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: No joint compound was detected.**Location: MA-DWS-06-B, Drywall System**

Lab ID-Version‡: 15612273-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-DWS-06-C, Drywall System**

Lab ID-Version‡: 15612274-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-06-D, Drywall System

Lab ID-Version‡: 15612275-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-06-E, Drywall System

Lab ID-Version‡: 15612276-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall	ND
Composite Non-Asbestos Content:	< 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-WG-01-A, Window Glaze White/Off-White

Lab ID-Version‡: 15612277-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-WG-01-B, Window Glaze White/Off-White**

Lab ID-Version‡: 15612278-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-01-C, Window Glaze White/Off-White

Lab ID-Version‡: 15612279-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-01-D, Window Glaze White/Off-White

Lab ID-Version‡: 15612280-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-01-E, Window Glaze White/Off-White

Lab ID-Version‡: 15612281-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-WG-01-F, Window Glaze White/Off-White**

Lab ID-Version‡: 15612282-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-01-G, Window Glaze White/Off-White

Lab ID-Version‡: 15612283-1

Sample Layers	Asbestos Content
Off-White Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-09-A, Cove Base 4" Grey with Mastic

Lab ID-Version‡: 15612284-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-09-B, Cove Base 4" Grey with Mastic

Lab ID-Version‡: 15612285-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-09-C, Cove Base 4" Grey with Mastic**

Lab ID-Version‡: 15612286-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-10-A, Cove Base 4" Tan with Mastic

Lab ID-Version‡: 15612287-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Beige Mastic	ND
Brown Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-10-B, Cove Base 4" Tan with Mastic

Lab ID-Version‡: 15612288-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-10-C, Cove Base 4" Tan with Mastic

Lab ID-Version‡: 15612289-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-11-A, Cove Base 4" Off-White with Mastic**

Lab ID-Version‡: 15612290-1

Sample Layers	Asbestos Content
Off-White Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-11-B, Cove Base 4" Off-White with Mastic

Lab ID-Version‡: 15612291-1

Sample Layers	Asbestos Content
Off-White Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-11-C, Cove Base 4" Off-White with Mastic

Lab ID-Version‡: 15612292-1

Sample Layers	Asbestos Content
Off-White Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-12-A, Cove Base 4" Dark Grey with Mastic

Lab ID-Version‡: 15612293-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
Beige Mastic	ND
White Texture (Trace)	ND
Brown Paper	ND
Composite Non-Asbestos Content:	4% Cellulose
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CB-12-B, Cove Base 4" Dark Grey with Mastic**

Lab ID-Version‡: 15612294-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
Beige Mastic	ND
Brown Mastic	ND
White Texture	ND
Sample Composite Homogeneity:	Moderate

Location: MA-CB-12-C, Cove Base 4" Dark Grey with Mastic

Lab ID-Version‡: 15612295-1

Sample Layers	Asbestos Content
Dark Gray Baseboard	ND
Beige Mastic	ND
Brown Mastic	ND
White Texture (Trace)	ND
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-07-A, Drywall System

Lab ID-Version‡: 15612296-1

Sample Layers	Asbestos Content
White Joint Compound	2% Chrysotile
Cream Tape	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Sample MA-DWS-07-B, and -07-C were not analyzed due to prior positive series.**Location: MA-SC-01-A, Surface Coating Popcorn Ceiling**

Lab ID-Version‡: 15612299-1

Sample Layers	Asbestos Content
Beige Popcorn Ceiling with White Surface	3% Chrysotile
Composite Non-Asbestos Content:	20% Vermiculite
Sample Composite Homogeneity:	Moderate

Comments: Sample MA-SC-01-B and -01-C were not analyzed due to prior positive series.

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ASBESTOS PLM REPORT**Location: MA-GRT-01-A, Grout**

Lab ID-Version‡: 15612302-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-01-B, Grout

Lab ID-Version‡: 15612303-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-01-C, Grout

Lab ID-Version‡: 15612304-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-02-A, Grout

Lab ID-Version‡: 15612305-1

Sample Layers	Asbestos Content
Gray Grout	ND
Light Gray Ceramic Tile	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-02-B, Grout**

Lab ID-Version‡: 15612306-1

Sample Layers	Asbestos Content
Gray Grout	ND
Light Gray Ceramic Tile	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-02-C, Grout

Lab ID-Version‡: 15612307-1

Sample Layers	Asbestos Content
Gray Grout	ND
Light Gray Ceramic Tile	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-02-D, Grout

Lab ID-Version‡: 15612308-1

Sample Layers	Asbestos Content
Gray Grout	ND
Light Gray Ceramic Tile	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-02-E, Grout

Lab ID-Version‡: 15612309-1

Sample Layers	Asbestos Content
Gray Grout	ND
Light Gray Ceramic Tile	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-03-A, Grout**

Lab ID-Version‡: 15612310-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-03-B, Grout

Lab ID-Version‡: 15612311-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-03-C, Grout

Lab ID-Version‡: 15612312-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-04-A, Grout

Lab ID-Version‡: 15612313-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Beige Adhesive	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-04-B, Grout**

Lab ID-Version‡: 15612314-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Beige Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-04-C, Grout

Lab ID-Version‡: 15612315-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Beige Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-05-A, Grout

Lab ID-Version‡: 15612316-1

Sample Layers	Asbestos Content
Gray Ceramic Tile	ND
Gray Grout	ND
Beige Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-05-B, Grout

Lab ID-Version‡: 15612317-1

Sample Layers	Asbestos Content
Beige Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-05-C, Grout**

Lab ID-Version‡: 15612318-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-06-A, Grout

Lab ID-Version‡: 15612319-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Off-White Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-06-B, Grout

Lab ID-Version‡: 15612320-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Off-White Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-06-C, Grout

Lab ID-Version‡: 15612321-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Off-White Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-07-A, Grout**

Lab ID-Version‡: 15612322-1

Sample Layers	Asbestos Content
Green Ceramic Tile	ND
White Grout	ND
Brown Paper	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-07-B, Grout

Lab ID-Version‡: 15612323-1

Sample Layers	Asbestos Content
Green Ceramic Tile	ND
White Grout	ND
Brown Paper	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-07-C, Grout

Lab ID-Version‡: 15612324-1

Sample Layers	Asbestos Content
Green Ceramic Tile	ND
White Grout	ND
Brown Paper	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-08-A, Grout

Lab ID-Version‡: 15612325-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Yellow Mastic	2% Chrysotile
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-GRT-08-B, Grout**

Lab ID-Version‡: 15612326-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
White Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Comments: Yellow mastic were not analyzed due to prior positive series.**Location: MA-GRT-08-C, Grout**

Lab ID-Version‡: 15612327-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
White Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Comments: Yellow mastic were not analyzed due to prior positive series.**Location: MA-GRT-09-A, Grout**

Lab ID-Version‡: 15612328-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Beige Adhesive	ND
Brown Wood	ND
Composite Non-Asbestos Content: 5% Cellulose	
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-09-B, Grout

Lab ID-Version‡: 15612329-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
White Grout	ND
Beige Adhesive	ND
Brown Wood	ND
Composite Non-Asbestos Content: 5% Cellulose	
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-09-C, Grout**

Lab ID-Version‡: 15612330-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-10-A, Grout

Lab ID-Version‡: 15612331-1

Sample Layers	Asbestos Content
Beige Ceramic Tile	ND
Beige Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-10-B, Grout

Lab ID-Version‡: 15612332-1

Sample Layers	Asbestos Content
White Ceramic Tile	ND
Beige Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-10-C, Grout

Lab ID-Version‡: 15612333-1

Sample Layers	Asbestos Content
Beige Ceramic Tile	ND
Beige Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-11-A, Grout**

Lab ID-Version‡: 15612334-1

Sample Layers	Asbestos Content
Gray Grout with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-11-B, Grout

Lab ID-Version‡: 15612335-1

Sample Layers	Asbestos Content
Gray Grout with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-11-C, Grout

Lab ID-Version‡: 15612336-1

Sample Layers	Asbestos Content
Gray Grout with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-12-A, Grout

Lab ID-Version‡: 15612337-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-12-B, Grout**

Lab ID-Version‡: 15612338-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-12-C, Grout

Lab ID-Version‡: 15612339-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-12-D, Grout

Lab ID-Version‡: 15612340-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-12-E, Grout

Lab ID-Version‡: 15612341-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-GRT-12-F, Grout**

Lab ID-Version‡: 15612342-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-12-G, Grout

Lab ID-Version‡: 15612343-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-SF-17-A, Sheet Flooring White Tile Pattern with Mastic

Lab ID-Version‡: 15612344-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Mastic was not detected**Location: MA-SF-17-B, Sheet Flooring White Tile Pattern with Mastic**

Lab ID-Version‡: 15612345-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-SF-17-C, Sheet Flooring White Tile Pattern with Mastic**

Lab ID-Version‡: 15612346-1

Sample Layers	Asbestos Content
Beige Sheet Flooring with Fibrous Backing	ND
Yellow Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	15% Cellulose 2% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-CON-02-A, Concrete Pyro-Brick

Lab ID-Version‡: 15612347-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CON-02-B, Concrete Pyro-Brick

Lab ID-Version‡: 15612348-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CON-02-C, Concrete Pyro-Brick

Lab ID-Version‡: 15612349-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CON-02-D, Concrete Pyro-Brick**

Lab ID-Version‡: 15612350-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CON-02-E, Concrete Pyro-Brick

Lab ID-Version‡: 15612351-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CON-02-F, Concrete Pyro-Brick

Lab ID-Version‡: 15612352-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CON-02-G, Concrete Pyro-Brick

Lab ID-Version‡: 15612353-1

Sample Layers	Asbestos Content
White Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-GRT-13-A, Grout**

Lab ID-Version‡: 15612354-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-13-B, Grout

Lab ID-Version‡: 15612355-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-13-C, Grout

Lab ID-Version‡: 15612356-1

Sample Layers	Asbestos Content
Gray Grout with Paint	ND
Sample Composite Homogeneity:	Moderate

Location: MA-CT-01-A, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612357-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-01-B, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic**

Lab ID-Version‡: 15612358-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-01-C, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612359-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-01-D, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612360-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-01-E, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612361-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-01-F, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic**

Lab ID-Version‡: 15612362-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-01-G, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612363-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-02-A, Ceiling Tile 2'x4' Office Style

Lab ID-Version‡: 15612364-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-02-B, Ceiling Tile 2'x4' Office Style

Lab ID-Version‡: 15612365-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-02-C, Ceiling Tile 2'x4' Office Style**

Lab ID-Version‡: 15612366-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-03-A, Ceiling Tile 2'x2'

Lab ID-Version‡: 15612367-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-03-B, Ceiling Tile 2'x2'

Lab ID-Version‡: 15612368-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-03-C, Ceiling Tile 2'x2'

Lab ID-Version‡: 15612369-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-04-A, Ceiling Tile 2'x4' Orange**

Lab ID-Version‡: 15612370-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-04-B, Ceiling Tile 2'x4' Orange

Lab ID-Version‡: 15612371-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-04-C, Ceiling Tile 2'x4' Orange

Lab ID-Version‡: 15612372-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-05-A, Ceiling Tile 12"x12" Worm Tracks

Lab ID-Version‡: 15612373-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-05-B, Ceiling Tile 12"x12" Worm Tracks**

Lab ID-Version‡: 15612374-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-05-C, Ceiling Tile 12"x12" Worm Tracks

Lab ID-Version‡: 15612375-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-06-A, Ceiling Tile 2'x4' Yellow

Lab ID-Version‡: 15612376-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-06-B, Ceiling Tile 2'x4' Yellow

Lab ID-Version‡: 15612377-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-06-C, Ceiling Tile 2'x4' Yellow**

Lab ID-Version‡: 15612378-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-02-A, Plaster

Lab ID-Version‡: 15612379-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-02-B, Plaster

Lab ID-Version‡: 15612380-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-02-C, Plaster

Lab ID-Version‡: 15612381-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: MA-PLAS-02-D, Plaster

Lab ID-Version‡: 15612382-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-02-E, Plaster

Lab ID-Version‡: 15612383-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-01-A, Concrete

Lab ID-Version‡: 15612384-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-01-B, Concrete

Lab ID-Version‡: 15612385-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CON-01-C, Concrete**

Lab ID-Version‡: 15612386-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-RS-01-A, Roof System Unknown Hard Tile with Paper

Lab ID-Version‡: 15612387-1

Sample Layers	Asbestos Content
Gray Transite Tile	18% Chrysotile
Brown/Black Paper	ND
Composite Non-Asbestos Content: 5% Cellulose	
Sample Composite Homogeneity: Poor	

Location: MA-RS-01-B, Roof System Unknown Hard Tile with Paper

Lab ID-Version‡: 15612388-1

Sample Layers	Asbestos Content
Brown/Black Paper	ND
Composite Non-Asbestos Content: 5% Cellulose	
Sample Composite Homogeneity: Poor	

Comments: Transite tile was not analyzed due to prior positive series.**Location: MA-RS-01-C, Roof System Unknown Hard Tile with Paper**

Lab ID-Version‡: 15612389-1

Sample Layers	Asbestos Content
Brown/Black Paper	10% Chrysotile
Composite Non-Asbestos Content: 5% Cellulose	
Sample Composite Homogeneity: Poor	

Comments: Transite tile was not analyzed due to prior positive series

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ASBESTOS PLM REPORT**Location: MA-CLK-01-A, Caulk Grey**

Lab ID-Version‡: 15612390-1

Sample Layers	Asbestos Content
Black Caulk	6% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-CLK-01-B and -C were not analyzed due to prior positive series.**Location: MA-DWS-09-A, Drywall System**

Lab ID-Version‡: 15612393-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper with Paint	ND
Composite Non-Asbestos Content: 7% Cellulose	
Sample Composite Homogeneity: Poor	

Location: MA-DWS-09-B, Drywall System

Lab ID-Version‡: 15612394-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Joint Compound with Paint #2	ND
Cream Tape	ND
White Drywall with Brown Paper with Paint	ND
Composite Non-Asbestos Content: 10% Cellulose	
Sample Composite Homogeneity: Poor	

Location: MA-DWS-09-C, Drywall System

Lab ID-Version‡: 15612395-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
White Drywall with Brown Paper with Paint	ND
Composite Non-Asbestos Content: 7% Cellulose	
Sample Composite Homogeneity: Poor	

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ASBESTOS PLM REPORT**Location: MA-WB-01-A, Wall Board Hatches Unknown Material (Transite?)**

Lab ID-Version‡: 15612396-1

Sample Layers	Asbestos Content
Gray Transite	22% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-WB-01B and -01C were not analyzed due to prior positive series.**Location: MA-FT-21-A, Floor Tile 9"x9" Tan with Mastic**

Lab ID-Version‡: 15612399-1

Sample Layers	Asbestos Content
Beige Floor Tile	2% Chrysotile
Black Mastic	2% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-FT-21-B and 21-C were not analyzed due to prior positive series.**Location: MA-FT-22-A, Floor Tile 9"x9" Maroon with Mastic**

Lab ID-Version‡: 15612404-1

Sample Layers	Asbestos Content
Brown Floor Tile	2% Chrysotile
Black Mastic	2% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-FT-22-B and 22-C were not analyzed due to prior positive series.**Location: MA-CT-07-A, Ceiling Tile 2'x4' Office Style**

Lab ID-Version‡: 15612407-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CT-07-B, Ceiling Tile 2'x4' Office Style**

Lab ID-Version‡: 15612408-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-07-C, Ceiling Tile 2'x4' Office Style

Lab ID-Version‡: 15612409-1

Sample Layers	Asbestos Content
Beige Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	45% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-03-A, Plaster

Lab ID-Version‡: 15612410-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-03-B, Plaster

Lab ID-Version‡: 15612411-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-PLAS-03-C, Plaster**

Lab ID-Version‡: 15612412-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-03-D, Plaster

Lab ID-Version‡: 15612413-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-03-E, Plaster

Lab ID-Version‡: 15612414-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CT-08-A, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612415-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CT-08-B, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic**

Lab ID-Version‡: 15612416-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Beige Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CT-08-C, Ceiling Tile 12"x12" Smooth/Pinholes with Mastic

Lab ID-Version‡: 15612417-1

Sample Layers	Asbestos Content
Yellow Ceiling Tile with White Surface	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	80% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-MAS-01-A, Mastic

Lab ID-Version‡: 15612418-1

Sample Layers	Asbestos Content
Beige Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-MAS-01-B, Mastic

Lab ID-Version‡: 15612419-1

Sample Layers	Asbestos Content
Beige Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-MAS-01-C, Mastic**

Lab ID-Version‡: 15612420-1

Sample Layers	Asbestos Content
Beige Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-CB-14-A, Cove Base Dark Brown Mastic

Lab ID-Version‡: 15612421-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
White Non-Fibrous Material	ND
Sample Composite Homogeneity:	Poor

Location: MA-CB-14-B, Cove Base Dark Brown Mastic

Lab ID-Version‡: 15612422-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Poor

Location: MA-CB-14-C, Cove Base Dark Brown Mastic

Lab ID-Version‡: 15612423-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-GRT-14-A, Grout**

Lab ID-Version‡: 15612424-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-14-B, Grout

Lab ID-Version‡: 15612425-1

Sample Layers	Asbestos Content
White Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-14-C, Grout

Lab ID-Version‡: 15612426-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material (Trace)	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-14-D, Grout

Lab ID-Version‡: 15612427-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-14-E, Grout**

Lab ID-Version‡: 15612428-1

Sample Layers	Asbestos Content
White Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-15-A, Grout

Lab ID-Version‡: 15612429-1

Sample Layers	Asbestos Content
Gray Grout	ND
Yellow Ceramic Tile	ND
Sample Composite Homogeneity: Poor	

Location: MA-GRT-15-B, Grout

Lab ID-Version‡: 15612430-1

Sample Layers	Asbestos Content
Gray Grout	ND
White Ceramic Tile	ND
Sample Composite Homogeneity: Poor	

Location: MA-GRT-15-C, Grout

Lab ID-Version‡: 15612431-1

Sample Layers	Asbestos Content
Gray Grout	ND
Yellow Ceramic Tile	ND
White Ceramic Tile	ND
Sample Composite Homogeneity: Poor	

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ASBESTOS PLM REPORT**Location: MA-FT-23-A, Floor Tile 12"x12" Beige with Mastic**

Lab ID-Version‡: 15612432-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	< 1% Chrysotile
Yellow Mastic #2	ND
Black Mastic	3% Chrysotile
Sample Composite Homogeneity:	Poor

Location: MA-FT-23-B, Floor Tile 12"x12" Beige with Mastic

Lab ID-Version‡: 15612433-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Floor Tile	< 1% Chrysotile
Yellow Mastic #2 (Trace)	ND
Sample Composite Homogeneity:	Poor

Comments: Black mastic was not analyzed due to prior positive series.**Location: MA-FT-23-C, Floor Tile 12"x12" Beige with Mastic**

Lab ID-Version‡: 15612434-1

Sample Layers	Asbestos Content
White Floor Tile	< 1% Chrysotile
Sample Composite Homogeneity:	Poor

Comments: Black mastic was not analyzed due to prior positive series. Yellow mastic was not detected**Location: MA-PLAS-04-A, Plaster**

Lab ID-Version‡: 15612435-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-PLAS-04-B, Plaster**

Lab ID-Version‡: 15612436-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: MA-PLAS-04-C, Plaster

Lab ID-Version‡: 15612437-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Moderate

Location: MA-DWS-08-A, Drywall System

Lab ID-Version‡: 15612438-1

Sample Layers	Asbestos Content
White Joint Compound with Paint and Beige Adhesive	2% Chrysotile
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	7% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Some layers in the sample were inseparable without cross contamination. Samples MA-DWS-08-B, -C, -D, and -E were not analyzed due to prior positive series.

Location: MA-CT-09-A, Ceiling Tile 2'x2' with Mastic

Lab ID-Version‡: 15612443-1

Sample Layers	Asbestos Content
Off-White Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not detected

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ASBESTOS PLM REPORT**Location: MA-CT-09-B, Ceiling Tile 2'x2' with Mastic**

Lab ID-Version‡: 15612444-1

Sample Layers	Asbestos Content
Off-White Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not detected**Location: MA-CT-09-C, Ceiling Tile 2'x2' with Mastic**

Lab ID-Version‡: 15612445-1

Sample Layers	Asbestos Content
Off-White Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	90% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not detected**Location: MA-CB-15-A, Cove Base 4" White Mastic**

Lab ID-Version‡: 15612446-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Cream Mastic	ND
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Poor

Location: MA-CB-15-B, Cove Base 4" White Mastic

Lab ID-Version‡: 15612447-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Cream Mastic	ND
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-CB-15-C, Cove Base 4" White Mastic**

Lab ID-Version‡: 15612448-1

Sample Layers	Asbestos Content
Beige Baseboard	ND
Cream Mastic	ND
White Joint Compound with Paint	ND
Sample Composite Homogeneity:	Poor

Location: MA-SF-18-A, Sheet Flooring Teal with Mastic

Lab ID-Version‡: 15612449-1

Sample Layers	Asbestos Content
Blue Sheet Flooring	ND
Yellow Mastic with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-18-B, Sheet Flooring Teal with Mastic**

Lab ID-Version‡: 15612450-1

Sample Layers	Asbestos Content
Blue Sheet Flooring	ND
Yellow Mastic with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-18-C, Sheet Flooring Teal with Mastic**

Lab ID-Version‡: 15612451-1

Sample Layers	Asbestos Content
Blue Sheet Flooring	ND
Yellow Mastic with Gray Leveling Compound	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.

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ASBESTOS PLM REPORT**Location: MA-SF-19-A, Sheet Flooring Tan Santa Fe Style with Mastic**

Lab ID-Version‡: 15612452-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing and Brown Mastic	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-19-B, Sheet Flooring Tan Santa Fe Style with Mastic**

Lab ID-Version‡: 15612453-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing and Brown Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-SF-19-C, Sheet Flooring Tan Santa Fe Style with Mastic**

Lab ID-Version‡: 15612454-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Beige Sheet Flooring with Fibrous Backing with Brown Mastic	15% Chrysotile
Composite Non-Asbestos Content:	10% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Some layers in the sample were inseparable without cross contamination.**Location: MA-CB-16-A, Cove Base 4" Teal with Mastic**

Lab ID-Version‡: 15612455-1

Sample Layers	Asbestos Content
Green Baseboard	ND
White Texture	ND
Sample Composite Homogeneity:	Moderate

Comments: Mastic was not detected.

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ASBESTOS PLM REPORT**Location: MA-CB-16-B, Cove Base 4" Teal with Mastic**

Lab ID-Version‡: 15612456-1

Sample Layers	Asbestos Content
Green Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-16-C, Cove Base 4" Teal with Mastic

Lab ID-Version‡: 15612457-1

Sample Layers	Asbestos Content
Green Baseboard	ND
Beige Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-17-A, Cove Base 4" Tan with Mastic

Lab ID-Version‡: 15612458-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Brown Mastic	ND
Beige Non-Fibrous Material	ND
Brown Paper	ND
Composite Non-Asbestos Content: 3% Cellulose	
Sample Composite Homogeneity: Poor	

Location: MA-CB-17-B, Cove Base 4" Tan with Mastic

Lab ID-Version‡: 15612459-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Brown Mastic	ND
Beige Non-Fibrous Material	ND
Brown Paper	ND
Composite Non-Asbestos Content: 3% Cellulose	
Sample Composite Homogeneity: Poor	

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ASBESTOS PLM REPORT**Location: MA-CB-17-C, Cove Base 4" Tan with Mastic**

Lab ID-Version‡: 15612460-1

Sample Layers	Asbestos Content
Tan Baseboard	ND
Brown Mastic	ND
Beige Non-Fibrous Material	ND
Brown Paper	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Poor

Location: MA-CPT-18-A, Carpet Brown (Very Worn) with Mastic

Lab ID-Version‡: 15612461-1

Sample Layers	Asbestos Content
Yellow Carpet Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-18-B, Carpet Brown (Very Worn) with Mastic

Lab ID-Version‡: 15612462-1

Sample Layers	Asbestos Content
Yellow Carpet Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-18-C, Carpet Brown (Very Worn) with Mastic

Lab ID-Version‡: 15612463-1

Sample Layers	Asbestos Content
Yellow Carpet Mastic	ND
Gray Cementitious Material	ND
Composite Non-Asbestos Content:	2% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-FT-24-A, Floor Tile 12"x12" White with Mastic**

Lab ID-Version‡: 15612464-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-24-B, Floor Tile 12"x12" White with Mastic

Lab ID-Version‡: 15612465-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-FT-24-C, Floor Tile 12"x12" White with Mastic

Lab ID-Version‡: 15612466-1

Sample Layers	Asbestos Content
White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-16-A, Grout

Lab ID-Version‡: 15612467-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-16-B, Grout**

Lab ID-Version‡: 15612468-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-16-C, Grout

Lab ID-Version‡: 15612469-1

Sample Layers	Asbestos Content
White Grout	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-19-A, Carpet Brown with Mastic

Lab ID-Version‡: 15612470-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-CPT-19-B, Carpet Brown with Mastic

Lab ID-Version‡: 15612471-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-CPT-19-C, Carpet Brown with Mastic**

Lab ID-Version‡: 15612472-1

Sample Layers	Asbestos Content
Brown Carpet	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	90% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-FT-25-A, Floor Tile Black Thick Fiberous with Mastic

Lab ID-Version‡: 15612473-1

Sample Layers	Asbestos Content
Black Flooring	3% Chrysotile
Brown Mastic (Trace)	2% Chrysotile
Sample Composite Homogeneity:	Moderate

Comments: Samples MA-FT-25-B, -25-C, -25-D, and -25-E were not analyzed due to prior positive series.**Location: MA-DWS-10-A, Drywall System**

Lab ID-Version‡: 15612478-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Joint compound was not detected.**Location: MA-DWS-10-B, Drywall System**

Lab ID-Version‡: 15612479-1

Sample Layers	Asbestos Content
White Joint Compound	ND
Cream Tape	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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ASBESTOS PLM REPORT**Location: MA-DWS-10-C, Drywall System**

Lab ID-Version‡: 15612480-1

Sample Layers	Asbestos Content
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Poor

Location: MA-GRT-17-A, Grout

Lab ID-Version‡: 15612481-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-17-B, Grout

Lab ID-Version‡: 15612482-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-17-C, Grout

Lab ID-Version‡: 15612483-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

Location: MA-GRT-17-D, Grout

Lab ID-Version‡: 15612484-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-17-E, Grout

Lab ID-Version‡: 15612485-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-17-F, Grout

Lab ID-Version‡: 15612486-1

Sample Layers	Asbestos Content
Gray Grout	ND
White Non-Fibrous Material	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-17-G, Grout

Lab ID-Version‡: 15612487-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT

Location: MA-WG-02-A, Window Glaze Grey/Tan

Lab ID-Version‡: 15612488-1

Sample Layers	Asbestos Content
Tan Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-02-B, Window Glaze Grey/Tan

Lab ID-Version‡: 15612489-1

Sample Layers	Asbestos Content
Tan Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-WG-02-C, Window Glaze Grey/Tan

Lab ID-Version‡: 15612490-1

Sample Layers	Asbestos Content
Tan Window Glazing	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-05-A, Plaster

Lab ID-Version‡: 15612491-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-PLAS-05-B, Plaster**

Lab ID-Version‡: 15612492-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-05-C, Plaster

Lab ID-Version‡: 15612493-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-05-D, Plaster

Lab ID-Version‡: 15612494-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Plaster	ND
Sample Composite Homogeneity: Moderate	

Location: MA-PLAS-05-E, Plaster

Lab ID-Version‡: 15612495-1

Sample Layers	Asbestos Content
Gray Plaster with Paint	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-SF-20-A, Sheet Flooring Tan Brown (Large Sheets) with Mastic**

Lab ID-Version‡: 15612496-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-SF-20-B, Sheet Flooring Tan Brown (Large Sheets) with Mastic

Lab ID-Version‡: 15612497-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-SF-20-C, Sheet Flooring Tan Brown (Large Sheets) with Mastic

Lab ID-Version‡: 15612498-1

Sample Layers	Asbestos Content
Tan Sheet Flooring with Fibrous Backing	ND
Brown Mastic	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-SF-21-A, Sheet Flooring Tan Pebble Pattern with Mastic

Lab ID-Version‡: 15612499-1

Sample Layers	Asbestos Content
Brown Sheet Flooring with Fibrous Backing	15% Chrysotile
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Comments: Samples MA-SF-21-B and -21-C were not analyzed due to prior positive series.

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ASBESTOS PLM REPORT

Location: MA-CB-13-A, Cove Base Black with Mastic

Lab ID-Version‡: 15612502-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-13-B, Cove Base Black with Mastic

Lab ID-Version‡: 15612503-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CB-13-C, Cove Base Black with Mastic

Lab ID-Version‡: 15612504-1

Sample Layers	Asbestos Content
Black Baseboard	ND
Tan Mastic	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-18-A, Grout

Lab ID-Version‡: 15612505-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-GRT-18-B, Grout**

Lab ID-Version‡: 15612506-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-GRT-18-C, Grout

Lab ID-Version‡: 15612507-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-03-A, Concrete

Lab ID-Version‡: 15612508-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-03-B, Concrete

Lab ID-Version‡: 15612509-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

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Eurofins EPK Built Environment Testing, LLC

931 Corporate Center Drive, Pomona, CA 91768

(866) 888-6653 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103Z737736 - MT DEQ - The Madison

Apartments; The Madison Apartments - Great Falls,
Montana

Date of Submittal: 04-05-2023

Date of Receipt: 04-07-2023

Date of Report: 04-24-2023

ASBESTOS PLM REPORT**Location: MA-CON-03-C, Concrete**

Lab ID-Version‡: 15612510-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-03-D, Concrete

Lab ID-Version‡: 15612511-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-03-E, Concrete

Lab ID-Version‡: 15612512-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-03-F, Concrete

Lab ID-Version‡: 15612513-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-CON-03-G, Concrete**

Lab ID-Version‡: 15612514-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-A, Concrete

Lab ID-Version‡: 15612515-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-B, Concrete

Lab ID-Version‡: 15612516-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-C, Concrete

Lab ID-Version‡: 15612517-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT

Location: MA-CON-04-D, Concrete

Lab ID-Version‡: 15612518-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-E, Concrete

Lab ID-Version‡: 15612519-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-F, Concrete

Lab ID-Version‡: 15612520-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

Location: MA-CON-04-G, Concrete

Lab ID-Version‡: 15612521-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Moderate	

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ASBESTOS PLM REPORT**Location: MA-FT-26-A, Floor Tile Red with Mastic**

Lab ID-Version‡: 15612522-1

Sample Layers	Asbestos Content
Red Floor Tile	2% Chrysotile
Black Mastic	3% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-FT-26-B and -26-C were not analyzed due to prior positive series.**Location: MA-FT-27-A, Floor Tile Dark Red with Mastic**

Lab ID-Version‡: 15612525-1

Sample Layers	Asbestos Content
Brown Floor Tile	2% Chrysotile
Sample Composite Homogeneity: Moderate	

Comments: Mastic was not detected. Samples MA-FT-27-B and -27-C were not analyzed due to prior positive series.**Location: MA-TSI-01-A, Thermal System Insulation (Hard Fiberous)**

Lab ID-Version‡: 15612528-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content: 80% Cellulose	
Sample Composite Homogeneity: Moderate	

Location: MA-TSI-01-B, Thermal System Insulation (Hard Fiberous)

Lab ID-Version‡: 15612529-1

Sample Layers	Asbestos Content
Brown Insulation	30% Chrysotile
Composite Non-Asbestos Content: 50% Cellulose	
Sample Composite Homogeneity: Moderate	

Comments: Samples MA-TSI-01-C, -01-D, and -01-E were not analyzed due to prior positive series.

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ASBESTOS PLM REPORT**Location: MA-TSI-02-A, Thermal System Insulation**

Lab ID-Version‡: 15612533-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Semi-Fibrous Material	ND
Silver Foil	ND
Composite Non-Asbestos Content:	85% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-02-B, Thermal System Insulation

Lab ID-Version‡: 15610435-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Semi-Fibrous Material	ND
Silver Foil	ND
Composite Non-Asbestos Content:	85% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-02-C, Thermal System Insulation

Lab ID-Version‡: 15610436-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Beige Semi-Fibrous Material	ND
Silver Foil	ND
Composite Non-Asbestos Content:	85% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-03-A, Thermal System Insulation

Lab ID-Version‡: 15610437-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-TSI-03-B, Thermal System Insulation**

Lab ID-Version‡: 15610438-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-03-C, Thermal System Insulation

Lab ID-Version‡: 15610439-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Silver Foil	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-04-A, Thermal System Insulation

Lab ID-Version‡: 15610440-1

Sample Layers	Asbestos Content
Gray Insulation	7% Chrysotile
Yellow Insulation	ND
Composite Non-Asbestos Content:	50% Glass Fibers
Sample Composite Homogeneity:	Moderate

Comments: Samples MA-TSI-04-B, -04-C, -04-D, and -04-E were not analyzed due to prior positive series.**Location: MA-RS-02-A, Roof System Multi-Layered (Mostly Mush From Moisture Penetration, Layers Indiscernible)**

Lab ID-Version‡: 15610445-1

Sample Layers	Asbestos Content
Black Roofing Material	2% Chrysotile
Brown Roofing Material	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose 3% Glass Fibers
Sample Composite Homogeneity:	Poor

Comments: Samples MA-RS-02-B, -02-C, -02-D, and -02-E were not analyzed due to prior positive series.

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ASBESTOS PLM REPORT**Location: MA-SC-02-A, Surface Coating Stucco on Styrofoam**

Lab ID-Version‡: 15610450-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Stucco	ND
White Foam	ND
Yellow Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-SC-02-B, Surface Coating Stucco on Styrofoam

Lab ID-Version‡: 15610451-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Gray Stucco	ND
White Foam	ND
Yellow Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-SC-02-C, Surface Coating Stucco on Styrofoam

Lab ID-Version‡: 15610452-1

Sample Layers	Asbestos Content
White Skim Coat with Paint	ND
Pink Stucco	ND
Gray Stucco	ND
White Foam	ND
Yellow Semi-Fibrous Material	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: MA-GRT-19-A, Grout

Lab ID-Version‡: 15610453-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-GRT-19-B, Grout**

Lab ID-Version‡: 15610454-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-GRT-19-C, Grout

Lab ID-Version‡: 15610455-1

Sample Layers	Asbestos Content
Gray Grout	ND
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-05-A, Thermal System Insulation (Soft Air Cell)

Lab ID-Version‡: 15610456-1

Sample Layers	Asbestos Content
Gray Insulation	60% Chrysotile
Composite Non-Asbestos Content:	30% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Samples MA-TSI-05-B, -05-C, -05-D, and -05-E were not analyzed due to prior positive series.

Location: MA-TSI-06-A, Thermal System Insulation Yellow

Lab ID-Version‡: 15610461-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Brown Paper	ND
Composite Non-Asbestos Content:	90% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT**Location: MA-TSI-06-B, Thermal System Insulation Yellow**

Lab ID-Version‡: 15610462-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Brown Paper	ND
Composite Non-Asbestos Content:	90% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-06-C, Thermal System Insulation (Older)

Lab ID-Version‡: 15610463-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Brown Paper	ND
Composite Non-Asbestos Content:	90% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: MA-TSI-07-A, Thermal System Insulation (Older)

Lab ID-Version‡: 15610464-1

Sample Layers	Asbestos Content
Gray Insulation	7% Chrysotile
Yellow Insulation	ND
Composite Non-Asbestos Content:	50% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Moderate

Comments: Samples MA-TSI-07-B and -07-C were not analyzed due to prior positive series.**Location: MA-TSI-08-A, Thermal System Insulation Unknown Material Coated in Plaster/Cement**

Lab ID-Version‡: 15610467-1

Sample Layers	Asbestos Content
Brown Non-Fibrous Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Moderate

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ASBESTOS PLM REPORT

**Location: MA-TSI-08-B, Thermal System Insulation Unknown Material Coated in
Plaster/Cement**

Lab ID-Version‡: 15610468-1

Sample Layers	Asbestos Content
Brown Non-Fibrous Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

**Location: MA-TSI-08-C, Thermal System Insulation Unknown Material Coated in
Plaster/Cement**

Lab ID-Version‡: 15610469-1

Sample Layers	Asbestos Content
Brown Non-Fibrous Material	ND
Gray Cementitious Material	ND
Sample Composite Homogeneity: Moderate	

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APPENDIX E: AIR ANALYTICAL PACKAGE



LABORATORY REPORT

April 16, 2023

Brandon Kingsbury
Tetra Tech, Inc.
825 W Custer Ave.
Helena, MT 59602

RE: THE MADISON APARTMENTS / 103Z737736

Dear Brandon:

Enclosed are the results of the samples submitted to our laboratory on April 4, 2023. For your reference, these analyses have been assigned our service request number P2301521.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

ALS | Environmental

9:18 am, Apr 16, 2023

Sue Anderson
Project Manager

Client: Tetra Tech, Inc.
Project: THE MADISON APARTMENTS / 103Z737736

Service Request No: P2301521

CASE NARRATIVE

The samples were received intact under chain of custody on April 5, 2023 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Air-Phase Petroleum Hydrocarbons (APH) Analysis

The samples were analyzed for total aliphatic and aromatic gasoline range hydrocarbons by gas chromatography/mass spectrometry according to the Method for the Determination of Air-Phase Petroleum Hydrocarbons (APH), Massachusetts Department of Environmental Protection, Revision 1, December, 2009. This method is included on the laboratory's NELAP scope of accreditation, however it is not part of the DoD-ELAP accreditation.

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present. Any internal/tuning standards and target APH analytes eluting in the hydrocarbon ranges are also subtracted. Additionally, C₉-C₁₀ Aromatic Hydrocarbons are excluded from the C₉-C₁₂ Aliphatic Hydrocarbon range.

Volatile Organic Compound Analysis

The samples were also analyzed in SIM mode for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph/mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

The containers were cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.4 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and ALS Environmental (ALS) is not responsible for utilization of less than the complete report.

Use of ALS Environmental (ALS)'s Name. Client shall not use ALS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to ALS any test result, tolerance or specification derived from ALS's data ("Attribution") without ALS's prior written consent, which may be withheld by ALS for any reason in its sole discretion. To request ALS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If ALS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use ALS's name or trademark in any Materials or Attribution shall be deemed denied. ALS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of ALS's name or trademark may cause ALS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	https://dec.alaska.gov/spar/csp/lab-approval/list-of-approved-labs	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	https://internet.deq.louisiana.gov/portal/divisions/lelap/accredited-laboratories	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtm	2022028
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	006-999-456
New Jersey DEP (NELAP)	https://dep.nj.gov/dsr/oqa/certified-laboratories/	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-011
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413- 22-13
Utah DOH (NELAP)	https://uphl.utah.gov/certifications/environmental-laboratory-certification/	CA016272022 -14
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946
<p>Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.</p> <p>Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.</p>		

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: Tetra Tech, Inc.
 Project ID: THE MADISON APARTMENTS / 103Z737736

Service Request: P2301521

Date Received: 4/4/2023
 Time Received: 09:19

MA APH 1.0 - MA VOC PH Can
TO-15 - VOC SIM

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pf1 (psig)	2nd Pi (psig)	2nd Pf (psig)	MA APH 1.0 - MA VOC PH Can	TO-15 - VOC SIM
MA-SV-01	P2301521-001	Air	3/23/2023	14:01	SC01827	-3.48	3.83			X	X
MA-SV-03	P2301521-003	Air	3/23/2023	14:00	AC02094	-1.95	3.94			X	X
MA-SV-04	P2301521-004	Air	3/23/2023	14:00	AC02430	-3.20	3.60			X	X
MA-IAQ-01	P2301521-005	Air	3/24/2023	13:07	AC02235	-1.38	3.78			X	X
MA-IAQ-02	P2301521-006	Air	3/24/2023	13:06	AC02512	-1.46	4.06			X	X
MA-IAQ-03	P2301521-007	Air	3/24/2023	09:19	AC02277	-1.47	3.70	-0.25	3.24	X	X
MA-IAQ-04	P2301521-008	Air	3/24/2023	13:43	AS01531	-1.17	3.73			X	X
MA-IAQ-05	P2301521-009	Air	3/24/2023	13:08	AS00749	-0.91	4.01			X	X
MA-IAQ-05-DUPE	P2301521-010	Air	3/24/2023	13:08	AS01714	-3.85	3.60			X	X
MA-IAQ-06	P2301521-011	Air	3/24/2023	13:10	AS00753	-1.53	3.80			X	X
MA-AA-01	P2301521-012	Air	3/24/2023	11:04	AS01159	-2.47	3.58			X	X



Air - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161

Requested Turnaround Time In Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P2301521

Company Name & Address (Reporting Information) TETRA TECH 825 W CUSTER AVE HELENA MT 59602				Project Name THE MADISON APARTMENTS					ALS Contact:		TO-15 SIM	APH	Comments e.g. Actual Preservative or specific instructions		
Project Manager BRANDON KINGSBURY				Project Number 1032737736					Analysis Method						
Phone 360-320-4427		Fax		P.O. # / Billing Information TETRA TECH 825 W CUSTER AVE HELENA MT 59602											
Email Address for Result Reporting jimi.gordon@tetratech.com				Sampler (Print & Sign) Jimi Gordon <i>[Signature]</i>											
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume							
MA-SV-01	1	3/23/23	14:01	SC01827	0A00686	-26.0	-6.0	6L	X	X	1-HR				
MA-SV-02	2	3/23/23	14:00	AC02294	0A00662	⊖	⊖	6L	DD	NOT	ANALYZE				
MA-SV-03	3	3/23/23	14:00	AC02094	0A02193	-19.0	-3.0	6L	X	X	1-HR				
MA-SV-04	4	3/23/23	14:00	AC02430	0A02125	-26.0	-5.0	6L	X	X	1-HR				
MA-IAQ-01	5	3/24/23	13:07	AC02235	FCR00349	-26.0	-2.0	6L	X	X	24-HR				
MA-IAQ-02	6	3/24/23	13:06	AC02512	FCR00343	-26.0	-2.5	6L	X	X	}				
MA-IAQ-03	7	3/24/23	9:19	AC02277	FCR00077	-19.0	-2.5	6L	X	X					
MA-IAQ-04	8	3/24/23	13:43	AS01531	SFC00231	-28.0	-4.5	6L	X	X					
MA-IAQ-05	9	3/24/23	13:08	AS00749	FCR00395	-22.0	-2.0	6L	X	X					
MA-IAQ-05-DUPE	10	3/24/23	13:08	AS01714	FCR00042	-17.0	-5.0	6L	X	X					
MA-IAQ-06	11	3/24/23	13:10	AS00753	SFC00588	>-30.0	-22.0	6L	X	X	END PRESSURE -0.5 W/ DIFFERENT GAUGE				
MA-AA-01	12	3/24/23	11:04	AS01159	SFC00619	-25.0	-2.0	6L	X	X	↓				
*Canister IDs corrected per client instructions based on canister tags.															
Report Tier Levels - please select Tier I - Results (Default if not specified) _____ Tier II (Results + QC Summaries) <u>X</u> Tier III (Results + QC & Calibration Summaries) _____ Tier IV (Data Validation Package) 10% Surcharge _____										EDD required <u>(Yes)</u> / No Type: _____ Units: _____		Chain of Custody Seal: <u>(Circle)</u> INTACT BROKEN <u>ABSENT</u>		Project Requirements (MRLs, QAPP)	
Relinquished by: (Signature) Jimi Gordon <i>[Signature]</i>			Date: 4/3/23	Time: 14:30	Received by: (Signature) <i>[Signature]</i>			Date: 4-3-23	Time: 0713	Cooler / Blank Temperature _____ °C					

**ALS Environmental
Sample Acceptance Check Form**

Client: Tetra Tech, Inc.

Work order: P2301521

Project: THE MADISON APARTMENTS / 103Z737736

Sample(s) received on: 4/4/23

Date opened: 4/4/23

by: ADAVID

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

- | | Yes | No | N/A |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1 Were sample containers properly marked with client sample ID? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 Did sample containers arrive in good condition? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 Were chain-of-custody papers used and filled out? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 Did sample container labels and/or tags agree with custody papers? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5 Was sample volume received adequate for analysis? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 Are samples within specified holding times? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 Was proper temperature (thermal preservation) of cooler at receipt adhered to? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8 Were custody seals on outside of cooler/Box/Container? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Location of seal(s)? _____ Sealing Lid? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were signature and date included? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were seals intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9 Do containers have appropriate preservation , according to method/SOP or Client specified information? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Is there a client indication that the submitted samples are pH preserved? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Were VOA vials checked for presence/absence of air bubbles? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Does the client/method/SOP require that the analyst check the sample pH and <u>if necessary</u> alter it? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10 Tubes: Are the tubes capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11 Badges: Are the badges properly capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Are dual bed badges separated and individually capped and intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2301521-001.01	6.0 L Source Can					
P2301521-002.01	6.0 L Ambient Can					Can ID = AC02294
P2301521-003.01	6.0 L Ambient Can					Can ID = AC02094
P2301521-004.01	6.0 L Ambient Can					Can ID = AC02430
P2301521-005.01	6.0 L Ambient Can					
P2301521-006.01	6.0 L Ambient Can					
P2301521-007.01	6.0 L Ambient Can					
P2301521-008.01	6.0 L Silonite Can					
P2301521-009.01	6.0 L Silonite Can					
P2301521-010.01	6.0 L Silonite Can					
P2301521-011.01	6.0 L Silonite Can					
P2301521-012.01	6.0 L Silonite Can					

Explain any discrepancies: (include lab sample ID numbers): _____

Tags did not match COC. Per sampler the container tags are correct. Noted on COC and indicated correct IDs above.

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-001

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC01827

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.48 Final Pressure (psig): 3.83

Container Dilution Factor: 1.65

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	150	33	
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	1,900	17	
C ₉ - C ₁₀ Aromatic Hydrocarbons	300	4.1	

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-003

Test Code: Massachusetts APH, Revision 1, December 2009
Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
Analyst: Wida Ang
Sample Type: 6.0 L Summa Canister
Test Notes:
Container ID: AC02094

Date Collected: 3/23/23
Date Received: 4/4/23
Date Analyzed: 4/11/23
Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.95 Final Pressure (psig): 3.94

Container Dilution Factor: 1.46

Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	880	29	
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	490	15	
C ₉ - C ₁₀ Aromatic Hydrocarbons	59	3.7	

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-004

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02430

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.20 Final Pressure (psig): 3.60

Container Dilution Factor: 1.59

Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	990	32	
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	92	16	
C ₉ - C ₁₀ Aromatic Hydrocarbons	21	4.0	

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-005

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02235

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.38 Final Pressure (psig): 3.78

Container Dilution Factor: 1.39

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	28	28	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	14	14	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	3.5	3.5	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-02
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-006

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02512

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.46 Final Pressure (psig): 4.06

Container Dilution Factor: 1.42

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	28	28	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	14	14	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	3.6	3.6	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-007

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02277

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.47 Final Pressure (psig): 3.70

Container Dilution Factor: 1.39

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	28	28	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	14	14	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	3.5	3.5	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-008

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01531

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.73

Container Dilution Factor: 1.36

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	27	27	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	14	14	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	5.1	3.4	

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-009

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00749

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -0.91 Final Pressure (psig): 4.01

Container Dilution Factor: 1.36

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	170	27	
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	87	14	
C ₉ - C ₁₀ Aromatic Hydrocarbons	4.2	3.4	

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05-DUPE
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-010

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01714

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.85 Final Pressure (psig): 3.60

Container Dilution Factor: 1.69

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	160	34	
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	96	17	
C ₉ - C ₁₀ Aromatic Hydrocarbons	4.2	4.2	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-06
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-011

Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00753

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.53 Final Pressure (psig): 3.80

Container Dilution Factor: 1.40

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	28	28	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	14	14	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	3.5	3.5	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.

Client Sample ID: MA-AA-01

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

ALS Sample ID: P2301521-012

Test Code: Massachusetts APH, Revision 1, December 2009

Date Collected: 3/24/23

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Date Received: 4/4/23

Analyst: Wida Ang

Date Analyzed: 4/11/23

Sample Type: 6.0 L Silonite Canister

Volume(s) Analyzed: 1.00 Liter(s)

Test Notes:

Container ID: AS01159

Initial Pressure (psig): -2.47 Final Pressure (psig): 3.58

Container Dilution Factor: 1.49

Compound	Result µg/m ³	MRL µg/m ³	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	30	30	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	15	15	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	3.7	3.7	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Sample ID: Method Blank
Client Project ID: THE MADISON APARTMENTS / 103Z737736

 Test Code: Massachusetts APH, Revision 1, December 2009
 Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16
 Analyst: Wida Ang
 Sample Type: 6.0 L Summa Canister
 Test Notes:

ALS Project ID: P2301521
 ALS Sample ID: P230411-MB

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Compound	Result $\mu\text{g}/\text{m}^3$	MRL $\mu\text{g}/\text{m}^3$	Data Qualifier
C ₅ - C ₈ Aliphatic Hydrocarbons ^{1,2}	20	20	U
C ₉ - C ₁₂ Aliphatic Hydrocarbons ^{1,3}	10	10	U
C ₉ - C ₁₀ Aromatic Hydrocarbons	2.5	2.5	U

Significant non-petroleum related peaks (i.e. halogenated, oxygenated, terpenes, etc.) are subtracted from the hydrocarbon range areas when present.

¹Hydrocarbon Range data from total ion chromatogram excluding any internal/tuning standards eluting in that range.

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target APH analytes eluting in that range.

³C₉-C₁₂ Aliphatic Hydrocarbons exclude concentration of Target APH Analytes eluting in that range and concentration of C₉-C₁₀ Aromatic Hydrocarbons.

U = Compound was analyzed for, but not detected above the laboratory reporting limit.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 1

Client: Tetra Tech, Inc.

Client Sample ID: Duplicate Lab Control Sample

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

ALS Sample ID: P230411-DLCS

Test Code: Massachusetts APH, Revision 1, December 2009

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/6890N/MS16

Analyst: Wida Ang

Sample Type: 6.0 L Summa Canister

Test Notes:

Date Collected: NA

Date Received: NA

Date Analyzed: 4/11/23

Volume(s) Analyzed: 0.125 Liter(s)

Compound	Spike Amount		Result		% Recovery		ALS		Data Qualifier
	LCS / DLCS	LCS	DLCS	LCS	DLCS	Acceptance	RPD	RPD	
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	Limits	Limit				
C5 - C8 Aliphatic Hydrocarbons	42.8	34.3	34.3	80	80	70-130	0	30	
C9 - C12 Aliphatic Hydrocarbons	42.8	32.9	33.0	77	77	70-130	0	30	
C9 - C10 Aromatic Hydrocarbons	85.2	77.0	77.8	90	91	70-130	1	30	

Massachusetts APH
Hydrocarbon Ranges

ICAL Method: M16020123.M

ICAL Date: 2/2/2023

Instrument ID: MS16

C5-C8 Aliphatics	areas						sum:	masses					
	0.5	1	5	25	50	100		0.5	1	5	25	50	100
Isopentane	93031	159066	695215	3585098	6932031	13797015		0.520	1.04	5.20	26.00	52.00	104.00
n-Hexane	107899	183811	770566	4006904	7911340	15685425		0.515	1.03	5.15	25.75	51.50	103.00
Cyclohexane	99170	175962	801517	4257771	8422028	16787666		0.515	1.03	5.15	25.75	51.50	103.00
2,3-Dimethylpentane	104541	184099	831631	4449917	8781508	17463780		0.545	1.09	5.45	27.25	54.50	109.00
n-Heptane	95985	173555	806768	4333650	8573677	17077046		0.520	1.04	5.20	26.00	52.00	104.00
n-Octane	104748	190493	880739	4760603	9377562	18626259		0.530	1.06	5.30	26.50	53.00	106.00
area sum:	605374	1066986	4786436	25393943	49998146	99437191	sum:	3.145	6.290	31.45	157.25	314.50	629.00
C9-C12 Aliphatics	0.5	1	5	25	50	100		0.5	1	5	25	50	100
2,3-Dimethylheptane	111106	201262	931316	5053254	9902319	19622802		0.515	1.03	5.15	25.75	51.5	103
n-Nonane	107063	195550	915274	5106884	10093606	19883908		0.510	1.02	5.10	25.50	51.0	102
n-Decane	105384	191699	902352	5344885	10618597	20544818		0.505	1.01	5.05	25.25	50.5	101
Butylcyclohexane	121062	219409	1024708	5769302	11430834	21975139		0.505	1.01	5.05	25.25	50.5	101
n-Undecane	101000	189136	882583	5561931	11030072	21264048		0.470	0.94	4.70	23.50	47.0	94
n-Dodecane	89114	148575	737433	5268927	10567363	20705873		0.460	0.92	4.60	23.00	46.0	92
area sum:	634729	1145631	5393666	32105183	63642791	123996588	sum:	2.965	5.930	29.65	148.25	296.50	593.00
C9-C10 Aromatics	0.5	1	5	25	50	100		0.5	1	5	25	50	100
Isopropylbenzene	12962	23725	111404	618289	1232120	2390975		0.505	1.01	5.05	25.25	50.5	101
3-Ethyltoluene	13782	25391	121298	694971	1391758	2688080		0.485	0.97	4.85	24.25	48.5	97
1,3,5-Trimethylbenzene	19563	35459	166922	967456	1917444	3661656		0.500	1.00	5.00	25.00	50.0	100
1,2,3-Trimethylbenzene	20331	37368	182480	1071270	2029453	3408351		0.485	0.97	4.85	24.25	48.5	97
p-Isopropyltoluene	12240	22590	108732	623790	1173053	1946504		0.495	0.99	4.95	24.75	49.5	99
area sum:	78878	144533	690836	3975776	7743828	14095566	sum:	2.470	4.940	24.70	123.50	247.00	494.00

Massachusetts APH
Hydrocarbon Ranges

ICAL: M16020123.M

ICAL Date: 2/2/2023

Instrument ID: MS16

Internal Standards (TIC)	areas					
	0.5	1	5	25	50	100
Bromochloromethane (IS1)	1009902	1009327	1002794	1008900	1030196	1025978

1,4-Difluorobenzene (IS2)	1883554	1835772	1846090	1852570	1906646	1933410
Chlorobenzene-d5 (IS3)	2202082	2178165	2182588	2214669	2265112	2320173

Internal Standards (EIC)

Bromochloromethane (IS1)	181839	180991	181506	181553	184909	185435
1,4-Difluorobenzene (IS2)	826033	805200	810972	812523	838168	852475
Chlorobenzene-d5 (IS3)	177692	176312	175134	178538	180839	181519

Surrogates (TIC)

	0.5	1	5	25	50	100
1,2-Dichloroethane-d4	882941	868174	869648	867496	895362	890543
Toluene-d8	2482228	2437386	2450341	2445655	2509481	2538867
p-Bromofluorobenzene	1593398	1587517	1586696	1609638	1650568	1691517

CG 2/2/23

	<u>RRFs</u>						<u>RRF_{avg}</u>	<u>%RSD</u>
<u>C5-C8 Aliphatics</u>	0.5	1	5	25	50	100		
	2.9128	2.6334	2.3458	2.4844	2.3709	2.3181	2.511	9.10
<u>C9-C12 Aliphatics</u>	0.5	1	5	25	50	100	<u>RRF_{avg}</u>	<u>%RSD</u>
	15.0593	13.6968	12.9837	15.1621	14.8369	14.3994	14.356	5.99
<u>C9-C10 Aromatics</u>	0.5	1	5	25	50	100	<u>RRF_{avg}</u>	<u>%RSD</u>
	2.2465	2.0743	1.9963	2.2539	2.1671	1.9649	2.117	5.88

Data File : I:\MS16\DATA\2023 04\10\04102334.D
 Acq On : 10 Apr 2023 23:08
 Sample : CCV2 M16041023 25ng
 Misc : S35-01312301/S37-04042301 (6/3)

Vial: 14
 Operator: WA
 Inst : GCMS-16

4/11/23

Quant Time: Apr 11 03:40:20 2023
 Quant Method : I:\MS16\METHODS\M16020123.M
 Quant Title : Massachusetts APH
 QLast Update : Thu Feb 02 08:25:19 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15B.M

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane (I-1)	11.27	130	300734	12.500	ng	-0.02
7) 1,4-Difluorobenzene (I-2)	13.41	114	1335659	12.500	ng	-0.01
16) Chlorobenzene-d5 (I-3)	17.72	54	274348	12.500	ng	0.00

System Monitoring Compounds

5) 1,2-Dichloroethane-d4 ...	12.13	65	475821	11.758	ng	-0.01
Spiked Amount	12.500		Recovery	=	94.08%	
12) Toluene-d8 (S-2)	15.86	98	1483904	12.837	ng	0.00
Spiked Amount	12.500		Recovery	=	102.72%	
20) p-Bromofluorobenzene (...)	19.09	174	508731	14.517	ng	-0.01
Spiked Amount	12.500		Recovery	=	116.16%	

Target Compounds

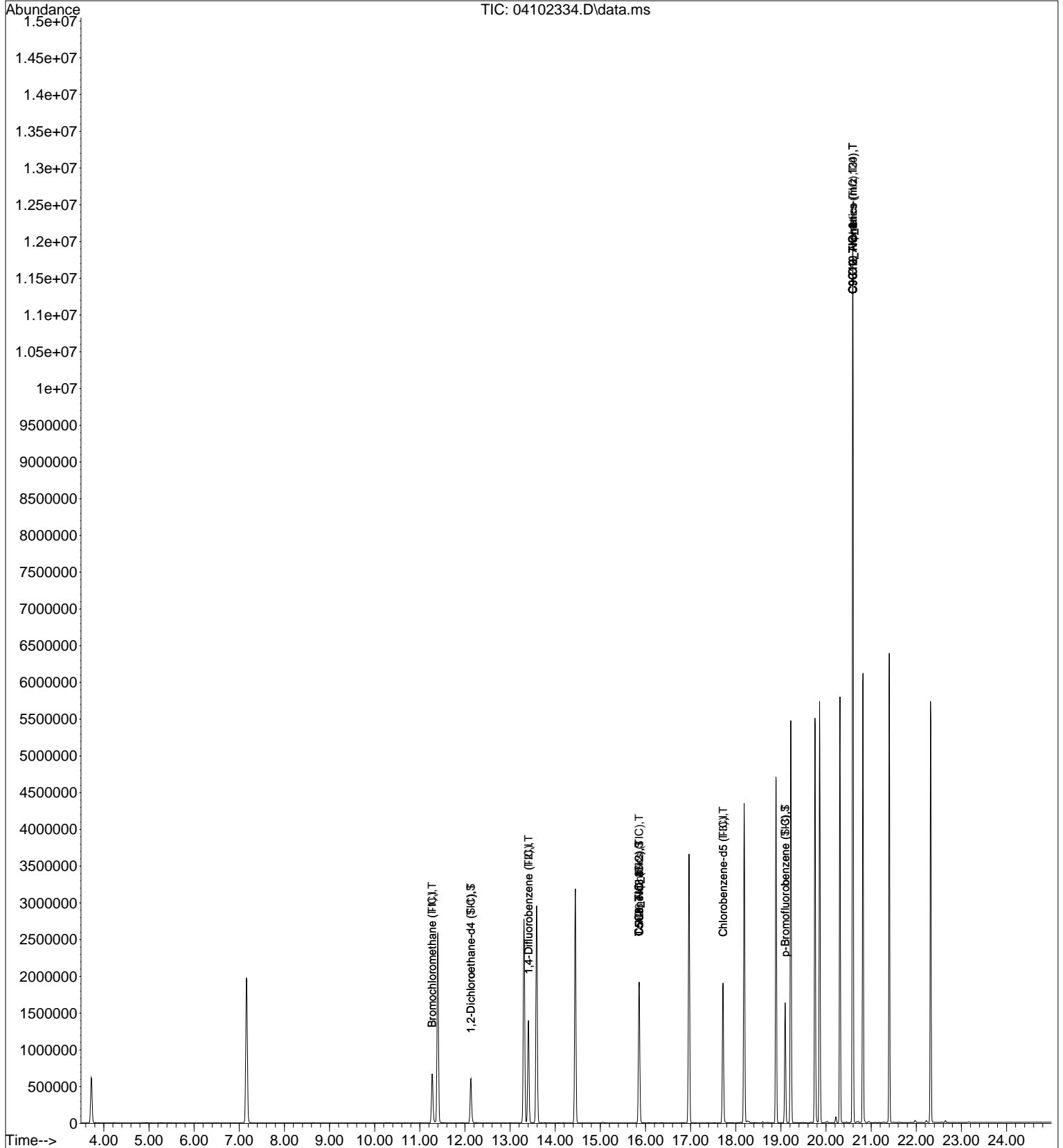
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Bromochloromethane (TIC)	11.27	TIC	1600666	11.982	ng	100
3) Isopentane T	7.16	TIC	4906160	No Calib		
4) n-Hexane T	11.40	TIC	5701409	No Calib		
6) 1,2-Dichloroethane-d4 ...	12.13	TIC	1386293	11.977	ng	100
8) 1,4-Difluorobenzene (TIC)	13.41	TIC	2965361	12.190	ng	100
9) Cyclohexane T	13.31	TIC	6163353	No Calib		
10) 2,3-Dimethylpentane T	13.59	TIC	6354094	No Calib		
11) n-Heptane T	14.45	TIC	6227864	No Calib		
13) Toluene-d8 (TIC)	15.86	TIC	3980449	12.393	ng	100
14) n-Octane T	16.96	TIC	6793545	No Calib		
15) C5-C8 Aliphatics (TIC)	15.86	TIC	3980449	11.435	ng	100
17) Chlorobenzene-d5 (TIC)	17.72	TIC	3660193	13.355	ng	100
18) 2,3-Dimethylheptane T	18.19	TIC	7301259	No Calib		
19) n-Nonane T	18.89	TIC	7391226	No Calib		
21) p-Bromofluorobenzene (...)	19.09	TIC	2776506	13.929	ng	100
22) Isopropylbenzene T	19.22	120	993275	No Calib		
23) 1-Methyl-3-ethylbenzene T	19.76	120	1129316	No Calib		
24) 1,3,5-Trimethylbenzene T	19.86	120	1565200	No Calib		
25) n-Decane T	20.31	TIC	7960350	No Calib		
26) p-Isopropyltoluene T	20.59	134	996070	No Calib		
27) 1,2,3-Trimethylbenzene T	20.59	120	1776786	No Calib		
28) Butylcyclohexane_T	20.82	TIC	8912920	No Calib		
29) n-Undecane T	21.40	TIC	8390658	No Calib		
30) n-Dodecane T	22.32	TIC	7961863	No Calib		
31) C9-C12 Aliphatics-(TIC)	20.59	TIC	18355144	158.778	ng	100
32) C9-C10 Aromatics (m/z ...)	20.59	120	1776786	146.011	ng	100
33) C9-C10 Aromatics (m/z ...)	20.59	134	996070	138.923	ng	100
34) C5C8 TIC 1	15.86	TIC	3980449	1.912	ng	100
35) C5C8 TIC 2	15.86	TIC	3980449	1.912	ng	100
36) C5C8 TIC 3	15.86	TIC	3980449	1.912	ng	100
37) C5C8 TIC 4	15.86	TIC	3980449	1.912	ng	100
38) C9C12 TIC 1	20.59	TIC	18355144	28.830	ng	100
39) C9C12 TIC 2	20.59	TIC	18355144	28.830	ng	100
40) C9C12 TIC 3	20.59	TIC	18355144	28.830	ng	100
41) C9C12 TIC 4	20.59	TIC	18355144	28.830	ng	100
42) C9C10 TIC 1	20.59	120	1776786	29.859	ng	100
43) C9C10 TIC 2	20.59	134	996070	28.410	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : I:\MS16\DATA\2023 04\10\04102334.D
 Acq On : 10 Apr 2023 23:08
 Sample : CCV2 M16041023 25ng
 Misc : S35-01312301/S37-04042301 (6/3)

Vial: 14
 Operator: WA
 Inst : GCMS-16

Quant Time: Apr 11 03:40:20 2023
 Quant Method : I:\MS16\METHODS\M16020123.M
 Quant Title : Massachusetts APH
 QLast Update : Thu Feb 02 08:25:19 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15B.M



ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-001

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC01827

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -3.48 Final Pressure (psig): 3.83

Container Dilution Factor: 1.65

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.3	0.17	0.028	0.47	0.033	0.0057	
74-87-3	Chloromethane	0.14	0.17	0.086	0.067	0.080	0.042	J
75-01-4	Vinyl Chloride	0.083	0.083	0.040	0.032	0.032	0.015	U
106-99-0	1,3-Butadiene	0.24	0.17	0.026	0.11	0.075	0.012	
74-83-9	Bromomethane	0.083	0.083	0.022	0.021	0.021	0.0057	U
75-00-3	Chloroethane	0.047	0.083	0.026	0.018	0.031	0.0098	J
107-02-8	Acrolein	0.22	0.66	0.12	0.097	0.29	0.050	J
67-64-1	Acetone	240	8.3	0.76	100	3.5	0.32	
75-69-4	Trichlorofluoromethane	1.3	0.17	0.027	0.23	0.029	0.0048	
75-35-4	1,1-Dichloroethene	0.083	0.083	0.029	0.021	0.021	0.0073	U
75-09-2	Methylene Chloride	0.10	0.33	0.026	0.029	0.095	0.0074	J, B
76-13-1	Trichlorotrifluoroethane	0.45	0.083	0.027	0.058	0.011	0.0035	
156-60-5	trans-1,2-Dichloroethene	0.083	0.083	0.036	0.021	0.021	0.0092	U
75-34-3	1,1-Dichloroethane	0.083	0.083	0.027	0.020	0.020	0.0067	U
1634-04-4	Methyl tert-Butyl Ether	0.14	0.083	0.040	0.039	0.023	0.011	
156-59-2	cis-1,2-Dichloroethene	0.083	0.083	0.024	0.021	0.021	0.0060	U
67-66-3	Chloroform	2.4	0.33	0.026	0.50	0.068	0.0054	
107-06-2	1,2-Dichloroethane	0.027	0.083	0.027	0.0068	0.020	0.0068	J
71-55-6	1,1,1-Trichloroethane	0.077	0.083	0.030	0.014	0.015	0.0054	J
71-43-2	Benzene	2.7	0.25	0.050	0.85	0.078	0.016	
56-23-5	Carbon Tetrachloride	0.23	0.083	0.023	0.036	0.013	0.0037	
78-87-5	1,2-Dichloropropane	0.083	0.083	0.020	0.018	0.018	0.0044	U
75-27-4	Bromodichloromethane	0.083	0.083	0.019	0.012	0.012	0.0029	U
79-01-6	Trichloroethene	0.15	0.083	0.025	0.028	0.015	0.0047	

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-001

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: SC01827

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -3.48 Final Pressure (psig): 3.83

Container Dilution Factor: 1.65

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.046	0.33	0.029	0.013	0.092	0.0080	J
10061-01-5	cis-1,3-Dichloropropene	0.17	0.17	0.023	0.036	0.036	0.0052	U
10061-02-6	trans-1,3-Dichloropropene	0.17	0.17	0.016	0.036	0.036	0.0035	U
79-00-5	1,1,2-Trichloroethane	0.33	0.33	0.019	0.061	0.061	0.0036	U
108-88-3	Toluene	11	0.33	0.040	2.9	0.088	0.011	B
124-48-1	Dibromochloromethane	0.083	0.083	0.021	0.0097	0.0097	0.0025	U
106-93-4	1,2-Dibromoethane	0.083	0.083	0.022	0.011	0.011	0.0029	U
127-18-4	Tetrachloroethene	0.25	0.083	0.028	0.037	0.012	0.0042	
108-90-7	Chlorobenzene	0.23	0.33	0.032	0.049	0.072	0.0070	J
100-41-4	Ethylbenzene	3.9	0.33	0.040	0.90	0.076	0.0091	
179601-23-1	m,p-Xylenes	8.4	0.33	0.079	1.9	0.076	0.018	
100-42-5	Styrene	2.0	0.33	0.040	0.46	0.078	0.0093	
95-47-6	o-Xylene	4.0	0.33	0.043	0.91	0.076	0.0099	
79-34-5	1,1,2,2-Tetrachloroethane	0.083	0.083	0.029	0.012	0.012	0.0042	U
108-67-8	1,3,5-Trimethylbenzene	12	0.33	0.046	2.5	0.067	0.0094	
95-63-6	1,2,4-Trimethylbenzene	43	0.33	0.053	8.7	0.067	0.011	
541-73-1	1,3-Dichlorobenzene	0.10	0.083	0.056	0.017	0.014	0.0093	
106-46-7	1,4-Dichlorobenzene	0.083	0.083	0.066	0.014	0.014	0.011	U
95-50-1	1,2-Dichlorobenzene	0.083	0.083	0.059	0.014	0.014	0.0099	U
96-12-8	1,2-Dibromo-3-chloropropane	0.33	0.33	0.046	0.034	0.034	0.0048	U
120-82-1	1,2,4-Trichlorobenzene	0.17	0.17	0.066	0.022	0.022	0.0089	U
91-20-3	Naphthalene	18	0.33	0.073	3.4	0.063	0.014	
87-68-3	Hexachlorobutadiene	0.33	0.33	0.043	0.031	0.031	0.0040	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-003

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02094

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -1.95 Final Pressure (psig): 3.94

Container Dilution Factor: 1.46

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	1.9	0.15	0.025	0.39	0.030	0.0050	
74-87-3	Chloromethane	0.14	0.15	0.076	0.066	0.071	0.037	J
75-01-4	Vinyl Chloride	0.073	0.073	0.035	0.029	0.029	0.014	U
106-99-0	1,3-Butadiene	1.3	0.15	0.023	0.61	0.066	0.010	
74-83-9	Bromomethane	0.073	0.073	0.020	0.019	0.019	0.0050	U
75-00-3	Chloroethane	0.056	0.073	0.023	0.021	0.028	0.0086	J
107-02-8	Acrolein	1.3	0.58	0.10	0.56	0.25	0.045	
67-64-1	Acetone	95	7.3	0.67	40	3.1	0.28	
75-69-4	Trichlorofluoromethane	0.71	0.15	0.024	0.13	0.026	0.0042	
75-35-4	1,1-Dichloroethene	0.073	0.073	0.026	0.018	0.018	0.0065	U
75-09-2	Methylene Chloride	0.48	0.29	0.023	0.14	0.084	0.0066	B
76-13-1	Trichlorotrifluoroethane	0.32	0.073	0.024	0.042	0.0095	0.0031	
156-60-5	trans-1,2-Dichloroethene	0.088	0.073	0.032	0.022	0.018	0.0081	
75-34-3	1,1-Dichloroethane	0.18	0.073	0.024	0.044	0.018	0.0059	
1634-04-4	Methyl tert-Butyl Ether	0.31	0.073	0.035	0.086	0.020	0.0097	
156-59-2	cis-1,2-Dichloroethene	0.073	0.073	0.021	0.018	0.018	0.0053	U
67-66-3	Chloroform	0.66	0.29	0.023	0.13	0.060	0.0048	
107-06-2	1,2-Dichloroethane	0.11	0.073	0.024	0.026	0.018	0.0060	
71-55-6	1,1,1-Trichloroethane	0.16	0.073	0.026	0.030	0.013	0.0048	
71-43-2	Benzene	7.5	0.22	0.044	2.3	0.069	0.014	
56-23-5	Carbon Tetrachloride	0.16	0.073	0.021	0.026	0.012	0.0033	
78-87-5	1,2-Dichloropropane	0.027	0.073	0.018	0.0059	0.016	0.0039	J
75-27-4	Bromodichloromethane	0.073	0.073	0.017	0.011	0.011	0.0025	U
79-01-6	Trichloroethene	0.55	0.073	0.022	0.10	0.014	0.0042	

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-003

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02094

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -1.95 Final Pressure (psig): 3.94

Container Dilution Factor: 1.46

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.46	0.29	0.025	0.13	0.081	0.0071	
10061-01-5	cis-1,3-Dichloropropene	0.15	0.15	0.021	0.032	0.032	0.0046	U
10061-02-6	trans-1,3-Dichloropropene	0.15	0.15	0.014	0.032	0.032	0.0031	U
79-00-5	1,1,2-Trichloroethane	0.29	0.29	0.017	0.054	0.054	0.0032	U
108-88-3	Toluene	27	0.29	0.035	7.3	0.078	0.0093	B
124-48-1	Dibromochloromethane	0.073	0.073	0.019	0.0086	0.0086	0.0022	U
106-93-4	1,2-Dibromoethane	0.073	0.073	0.020	0.0095	0.0095	0.0025	U
127-18-4	Tetrachloroethene	3.1	0.073	0.025	0.46	0.011	0.0037	
108-90-7	Chlorobenzene	0.68	0.29	0.028	0.15	0.063	0.0062	
100-41-4	Ethylbenzene	7.0	0.29	0.035	1.6	0.067	0.0081	
179601-23-1	m,p-Xylenes	18	0.29	0.070	4.1	0.067	0.016	
100-42-5	Styrene	4.4	0.29	0.035	1.0	0.069	0.0082	
95-47-6	o-Xylene	7.2	0.29	0.038	1.7	0.067	0.0087	
79-34-5	1,1,2,2-Tetrachloroethane	0.073	0.073	0.025	0.011	0.011	0.0037	U
108-67-8	1,3,5-Trimethylbenzene	2.9	0.29	0.041	0.59	0.059	0.0083	
95-63-6	1,2,4-Trimethylbenzene	7.9	0.29	0.047	1.6	0.059	0.0095	
541-73-1	1,3-Dichlorobenzene	0.050	0.073	0.050	0.0083	0.012	0.0083	J
106-46-7	1,4-Dichlorobenzene	0.073	0.073	0.058	0.012	0.012	0.0097	U
95-50-1	1,2-Dichlorobenzene	0.073	0.073	0.053	0.012	0.012	0.0087	U
96-12-8	1,2-Dibromo-3-chloropropane	0.29	0.29	0.041	0.030	0.030	0.0042	U
120-82-1	1,2,4-Trichlorobenzene	0.15	0.15	0.058	0.020	0.020	0.0079	U
91-20-3	Naphthalene	2.2	0.29	0.064	0.43	0.056	0.012	
87-68-3	Hexachlorobutadiene	0.29	0.29	0.038	0.027	0.027	0.0036	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-004

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02430

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -3.20 Final Pressure (psig): 3.60

Container Dilution Factor: 1.59

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.0	0.16	0.027	0.41	0.032	0.0055	
74-87-3	Chloromethane	0.20	0.16	0.083	0.099	0.077	0.040	
75-01-4	Vinyl Chloride	0.080	0.080	0.038	0.031	0.031	0.015	U
106-99-0	1,3-Butadiene	0.55	0.16	0.025	0.25	0.072	0.011	
74-83-9	Bromomethane	0.080	0.080	0.021	0.020	0.020	0.0055	U
75-00-3	Chloroethane	0.077	0.080	0.025	0.029	0.030	0.0094	J
107-02-8	Acrolein	0.20	0.64	0.11	0.086	0.28	0.049	J
67-64-1	Acetone	43	8.0	0.73	18	3.3	0.31	
75-69-4	Trichlorofluoromethane	1.1	0.16	0.026	0.20	0.028	0.0046	
75-35-4	1,1-Dichloroethene	0.080	0.080	0.028	0.020	0.020	0.0071	U
75-09-2	Methylene Chloride	0.19	0.32	0.025	0.054	0.092	0.0071	J, B
76-13-1	Trichlorotrifluoroethane	0.32	0.080	0.026	0.042	0.010	0.0034	
156-60-5	trans-1,2-Dichloroethene	0.080	0.080	0.035	0.020	0.020	0.0088	U
75-34-3	1,1-Dichloroethane	0.080	0.080	0.026	0.020	0.020	0.0064	U
1634-04-4	Methyl tert-Butyl Ether	0.080	0.080	0.038	0.022	0.022	0.011	U
156-59-2	cis-1,2-Dichloroethene	0.080	0.080	0.023	0.020	0.020	0.0058	U
67-66-3	Chloroform	2.0	0.32	0.025	0.41	0.065	0.0052	
107-06-2	1,2-Dichloroethane	0.11	0.080	0.026	0.026	0.020	0.0065	
71-55-6	1,1,1-Trichloroethane	0.080	0.080	0.029	0.015	0.015	0.0052	U
71-43-2	Benzene	6.1	0.24	0.048	1.9	0.075	0.015	
56-23-5	Carbon Tetrachloride	0.17	0.080	0.023	0.027	0.013	0.0036	
78-87-5	1,2-Dichloropropane	0.080	0.080	0.019	0.017	0.017	0.0042	U
75-27-4	Bromodichloromethane	0.080	0.080	0.018	0.012	0.012	0.0028	U
79-01-6	Trichloroethene	0.080	0.080	0.024	0.015	0.015	0.0046	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Tetra Tech, Inc.
Client Sample ID: MA-SV-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-004

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02430

Date Collected: 3/23/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.50 Liter(s)

Initial Pressure (psig): -3.20 Final Pressure (psig): 3.60

Container Dilution Factor: 1.59

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.32	0.32	0.028	0.088	0.088	0.0077	U
10061-01-5	cis-1,3-Dichloropropene	0.16	0.16	0.023	0.035	0.035	0.0050	U
10061-02-6	trans-1,3-Dichloropropene	0.16	0.16	0.015	0.035	0.035	0.0034	U
79-00-5	1,1,2-Trichloroethane	0.32	0.32	0.019	0.058	0.058	0.0034	U
108-88-3	Toluene	14	0.32	0.038	3.8	0.084	0.010	B
124-48-1	Dibromochloromethane	0.080	0.080	0.020	0.0093	0.0093	0.0024	U
106-93-4	1,2-Dibromoethane	0.080	0.080	0.021	0.010	0.010	0.0028	U
127-18-4	Tetrachloroethene	0.039	0.080	0.027	0.0057	0.012	0.0040	J
108-90-7	Chlorobenzene	0.32	0.32	0.031	0.069	0.069	0.0067	U
100-41-4	Ethylbenzene	4.0	0.32	0.038	0.93	0.073	0.0088	
179601-23-1	m,p-Xylenes	9.9	0.32	0.076	2.3	0.073	0.018	
100-42-5	Styrene	1.6	0.32	0.038	0.38	0.075	0.0090	
95-47-6	o-Xylene	3.6	0.32	0.041	0.82	0.073	0.0095	
79-34-5	1,1,2,2-Tetrachloroethane	0.080	0.080	0.028	0.012	0.012	0.0040	U
108-67-8	1,3,5-Trimethylbenzene	2.1	0.32	0.045	0.42	0.065	0.0091	
95-63-6	1,2,4-Trimethylbenzene	5.5	0.32	0.051	1.1	0.065	0.010	
541-73-1	1,3-Dichlorobenzene	0.063	0.080	0.054	0.010	0.013	0.0090	J
106-46-7	1,4-Dichlorobenzene	0.080	0.080	0.064	0.013	0.013	0.011	U
95-50-1	1,2-Dichlorobenzene	0.080	0.080	0.057	0.013	0.013	0.0095	U
96-12-8	1,2-Dibromo-3-chloropropane	0.32	0.32	0.045	0.033	0.033	0.0046	U
120-82-1	1,2,4-Trichlorobenzene	0.16	0.16	0.064	0.021	0.021	0.0086	U
91-20-3	Naphthalene	0.55	0.32	0.070	0.10	0.061	0.013	
87-68-3	Hexachlorobutadiene	0.32	0.32	0.041	0.030	0.030	0.0039	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-005

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02235

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.38 Final Pressure (psig): 3.78

Container Dilution Factor: 1.39

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.4	0.070	0.012	0.48	0.014	0.0024	
74-87-3	Chloromethane	0.18	0.070	0.036	0.088	0.034	0.018	
75-01-4	Vinyl Chloride	0.035	0.035	0.017	0.014	0.014	0.0065	U
106-99-0	1,3-Butadiene	0.026	0.070	0.011	0.012	0.031	0.0050	J
74-83-9	Bromomethane	0.033	0.035	0.0093	0.0086	0.0090	0.0024	J
75-00-3	Chloroethane	0.023	0.035	0.011	0.0086	0.013	0.0041	J
107-02-8	Acrolein	0.21	0.28	0.049	0.091	0.12	0.021	J
67-64-1	Acetone	6.5	3.5	0.32	2.7	1.5	0.13	
75-69-4	Trichlorofluoromethane	1.4	0.070	0.011	0.25	0.012	0.0020	
75-35-4	1,1-Dichloroethene	0.035	0.035	0.012	0.0088	0.0088	0.0031	U
75-09-2	Methylene Chloride	0.82	0.14	0.011	0.24	0.040	0.0031	B
76-13-1	Trichlorotrifluoroethane	0.50	0.035	0.011	0.065	0.0045	0.0015	
156-60-5	trans-1,2-Dichloroethene	0.035	0.035	0.015	0.0088	0.0088	0.0039	U
75-34-3	1,1-Dichloroethane	0.035	0.035	0.011	0.0086	0.0086	0.0028	U
1634-04-4	Methyl tert-Butyl Ether	0.035	0.035	0.017	0.0096	0.0096	0.0046	U
156-59-2	cis-1,2-Dichloroethene	0.035	0.035	0.010	0.0088	0.0088	0.0025	U
67-66-3	Chloroform	0.076	0.14	0.011	0.016	0.028	0.0023	J
107-06-2	1,2-Dichloroethane	0.087	0.035	0.012	0.021	0.0086	0.0029	
71-55-6	1,1,1-Trichloroethane	0.035	0.035	0.013	0.0064	0.0064	0.0023	U
71-43-2	Benzene	0.41	0.10	0.021	0.13	0.033	0.0065	
56-23-5	Carbon Tetrachloride	0.42	0.035	0.0099	0.067	0.0055	0.0016	
78-87-5	1,2-Dichloropropane	0.021	0.035	0.0085	0.0046	0.0075	0.0018	J
75-27-4	Bromodichloromethane	0.035	0.035	0.0081	0.0052	0.0052	0.0012	U
79-01-6	Trichloroethene	0.012	0.035	0.011	0.0023	0.0065	0.0020	J

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-005

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02235

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.38 Final Pressure (psig): 3.78

Container Dilution Factor: 1.39

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.025	0.14	0.012	0.0068	0.039	0.0034	J
10061-01-5	cis-1,3-Dichloropropene	0.070	0.070	0.0099	0.015	0.015	0.0022	U
10061-02-6	trans-1,3-Dichloropropene	0.070	0.070	0.0067	0.015	0.015	0.0015	U
79-00-5	1,1,2-Trichloroethane	0.14	0.14	0.0082	0.025	0.025	0.0015	U
108-88-3	Toluene	1.2	0.14	0.017	0.32	0.037	0.0044	B
124-48-1	Dibromochloromethane	0.035	0.035	0.0089	0.0041	0.0041	0.0010	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0093	0.0045	0.0045	0.0012	U
127-18-4	Tetrachloroethene	0.047	0.035	0.012	0.0069	0.0051	0.0018	
108-90-7	Chlorobenzene	0.14	0.14	0.013	0.030	0.030	0.0029	U
100-41-4	Ethylbenzene	0.099	0.14	0.017	0.023	0.032	0.0038	J
179601-23-1	m,p-Xylenes	0.34	0.14	0.033	0.079	0.032	0.0077	
100-42-5	Styrene	0.057	0.14	0.017	0.013	0.033	0.0039	J
95-47-6	o-Xylene	0.13	0.14	0.018	0.031	0.032	0.0042	J
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.012	0.0051	0.0051	0.0018	U
108-67-8	1,3,5-Trimethylbenzene	0.067	0.14	0.019	0.014	0.028	0.0040	J
95-63-6	1,2,4-Trimethylbenzene	0.24	0.14	0.022	0.049	0.028	0.0045	
541-73-1	1,3-Dichlorobenzene	0.035	0.035	0.024	0.0058	0.0058	0.0039	U
106-46-7	1,4-Dichlorobenzene	0.035	0.035	0.028	0.0058	0.0058	0.0046	U
95-50-1	1,2-Dichlorobenzene	0.035	0.035	0.025	0.0058	0.0058	0.0042	U
96-12-8	1,2-Dibromo-3-chloropropane	0.14	0.14	0.019	0.014	0.014	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.070	0.070	0.028	0.0094	0.0094	0.0037	U
91-20-3	Naphthalene	0.092	0.14	0.031	0.018	0.027	0.0058	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.018	0.013	0.013	0.0017	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-02
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-006

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02512

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.46 Final Pressure (psig): 4.06

Container Dilution Factor: 1.42

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.2	0.071	0.012	0.45	0.014	0.0024	
74-87-3	Chloromethane	0.19	0.071	0.037	0.093	0.034	0.018	
75-01-4	Vinyl Chloride	0.036	0.036	0.017	0.014	0.014	0.0067	U
106-99-0	1,3-Butadiene	0.020	0.071	0.011	0.0093	0.032	0.0051	J
74-83-9	Bromomethane	0.027	0.036	0.0095	0.0071	0.0091	0.0025	J
75-00-3	Chloroethane	0.016	0.036	0.011	0.0059	0.013	0.0042	J
107-02-8	Acrolein	0.14	0.28	0.050	0.063	0.12	0.022	J
67-64-1	Acetone	5.0	3.6	0.33	2.1	1.5	0.14	
75-69-4	Trichlorofluoromethane	1.2	0.071	0.012	0.21	0.013	0.0020	
75-35-4	1,1-Dichloroethene	0.036	0.036	0.012	0.0090	0.0090	0.0032	U
75-09-2	Methylene Chloride	0.36	0.14	0.011	0.10	0.041	0.0032	B
76-13-1	Trichlorotrifluoroethane	0.47	0.036	0.012	0.061	0.0046	0.0015	
156-60-5	trans-1,2-Dichloroethene	0.036	0.036	0.016	0.0090	0.0090	0.0039	U
75-34-3	1,1-Dichloroethane	0.036	0.036	0.012	0.0088	0.0088	0.0029	U
1634-04-4	Methyl tert-Butyl Ether	0.036	0.036	0.017	0.0099	0.0099	0.0047	U
156-59-2	cis-1,2-Dichloroethene	0.036	0.036	0.010	0.0090	0.0090	0.0026	U
67-66-3	Chloroform	0.066	0.14	0.011	0.014	0.029	0.0023	J
107-06-2	1,2-Dichloroethane	0.084	0.036	0.012	0.021	0.0088	0.0029	
71-55-6	1,1,1-Trichloroethane	0.036	0.036	0.013	0.0065	0.0065	0.0023	U
71-43-2	Benzene	0.35	0.11	0.021	0.11	0.033	0.0067	
56-23-5	Carbon Tetrachloride	0.41	0.036	0.010	0.065	0.0056	0.0016	
78-87-5	1,2-Dichloropropane	0.021	0.036	0.0087	0.0045	0.0077	0.0019	J
75-27-4	Bromodichloromethane	0.036	0.036	0.0082	0.0053	0.0053	0.0012	U
79-01-6	Trichloroethene	0.036	0.036	0.011	0.0066	0.0066	0.0020	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-02
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-006

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02512

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.46 Final Pressure (psig): 4.06

Container Dilution Factor: 1.42

CAS #	Compound	Result µg/m ³	MRL µg/m ³	MDL µg/m ³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
123-91-1	1,4-Dioxane	0.14	0.14	0.012	0.039	0.039	0.0034	U
10061-01-5	cis-1,3-Dichloropropene	0.071	0.071	0.010	0.016	0.016	0.0022	U
10061-02-6	trans-1,3-Dichloropropene	0.071	0.071	0.0068	0.016	0.016	0.0015	U
79-00-5	1,1,2-Trichloroethane	0.14	0.14	0.0084	0.026	0.026	0.0015	U
108-88-3	Toluene	0.78	0.14	0.017	0.21	0.038	0.0045	B
124-48-1	Dibromochloromethane	0.036	0.036	0.0091	0.0042	0.0042	0.0011	U
106-93-4	1,2-Dibromoethane	0.036	0.036	0.0095	0.0046	0.0046	0.0012	U
127-18-4	Tetrachloroethene	0.036	0.036	0.012	0.0053	0.0052	0.0018	
108-90-7	Chlorobenzene	0.14	0.14	0.014	0.031	0.031	0.0030	U
100-41-4	Ethylbenzene	0.070	0.14	0.017	0.016	0.033	0.0039	J
179601-23-1	m,p-Xylenes	0.24	0.14	0.034	0.054	0.033	0.0078	
100-42-5	Styrene	0.025	0.14	0.017	0.0059	0.033	0.0040	J
95-47-6	o-Xylene	0.089	0.14	0.018	0.021	0.033	0.0043	J
79-34-5	1,1,2,2-Tetrachloroethane	0.036	0.036	0.012	0.0052	0.0052	0.0018	U
108-67-8	1,3,5-Trimethylbenzene	0.036	0.14	0.020	0.0073	0.029	0.0040	J
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	0.023	0.029	0.029	0.0046	
541-73-1	1,3-Dichlorobenzene	0.036	0.036	0.024	0.0059	0.0059	0.0040	U
106-46-7	1,4-Dichlorobenzene	0.036	0.036	0.028	0.0059	0.0059	0.0047	U
95-50-1	1,2-Dichlorobenzene	0.036	0.036	0.026	0.0059	0.0059	0.0043	U
96-12-8	1,2-Dibromo-3-chloropropane	0.14	0.14	0.020	0.015	0.015	0.0021	U
120-82-1	1,2,4-Trichlorobenzene	0.071	0.071	0.028	0.0096	0.0096	0.0038	U
91-20-3	Naphthalene	0.041	0.14	0.031	0.0077	0.027	0.0060	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.018	0.013	0.013	0.0017	U

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-007

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02277

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.47 Final Pressure (psig): 3.70
 Initial Pressure 2 (psig): -0.25 Final Pressure 2 (psig): 3.24

Container Dilution Factor: 1.73

CAS #	Compound	Result µg/m ³	MRL µg/m ³	MDL µg/m ³	Result ppbV	MRL ppbV	MDL ppbV	Data Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.2	0.087	0.015	0.44	0.018	0.0030	
74-87-3	Chloromethane	0.22	0.087	0.045	0.11	0.042	0.022	
75-01-4	Vinyl Chloride	0.043	0.043	0.021	0.017	0.017	0.0081	U
106-99-0	1,3-Butadiene	0.089	0.087	0.014	0.040	0.039	0.0062	
74-83-9	Bromomethane	0.027	0.043	0.012	0.0071	0.011	0.0030	J
75-00-3	Chloroethane	0.022	0.043	0.013	0.0084	0.016	0.0051	J
107-02-8	Acrolein	0.29	0.35	0.061	0.13	0.15	0.026	J
67-64-1	Acetone	10	4.3	0.40	4.3	1.8	0.17	
75-69-4	Trichlorofluoromethane	1.2	0.087	0.014	0.21	0.015	0.0025	
75-35-4	1,1-Dichloroethene	0.043	0.043	0.015	0.011	0.011	0.0038	U
75-09-2	Methylene Chloride	0.50	0.17	0.013	0.14	0.050	0.0039	B
76-13-1	Trichlorotrifluoroethane	0.47	0.043	0.014	0.061	0.0056	0.0018	
156-60-5	trans-1,2-Dichloroethene	0.043	0.043	0.019	0.011	0.011	0.0048	U
75-34-3	1,1-Dichloroethane	0.043	0.043	0.014	0.011	0.011	0.0035	U
1634-04-4	Methyl tert-Butyl Ether	0.043	0.043	0.021	0.012	0.012	0.0058	U
156-59-2	cis-1,2-Dichloroethene	0.043	0.043	0.012	0.011	0.011	0.0031	U
67-66-3	Chloroform	0.086	0.17	0.014	0.018	0.035	0.0028	J
107-06-2	1,2-Dichloroethane	0.099	0.043	0.014	0.025	0.011	0.0035	
71-55-6	1,1,1-Trichloroethane	0.043	0.043	0.016	0.0079	0.0079	0.0029	U
71-43-2	Benzene	0.73	0.13	0.026	0.23	0.041	0.0081	
56-23-5	Carbon Tetrachloride	0.40	0.043	0.012	0.064	0.0069	0.0020	
78-87-5	1,2-Dichloropropane	0.026	0.043	0.011	0.0057	0.0094	0.0023	J
75-27-4	Bromodichloromethane	0.043	0.043	0.010	0.0065	0.0065	0.0015	U
79-01-6	Trichloroethene	0.043	0.043	0.013	0.0081	0.0081	0.0025	U

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MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-007

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02277

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.47 Final Pressure (psig): 3.70
 Initial Pressure 2 (psig): -0.25 Final Pressure 2 (psig): 3.24

Container Dilution Factor: 1.73

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.17	0.17	0.015	0.048	0.048	0.0042	U
10061-01-5	cis-1,3-Dichloropropene	0.087	0.087	0.012	0.019	0.019	0.0027	U
10061-02-6	trans-1,3-Dichloropropene	0.087	0.087	0.0083	0.019	0.019	0.0018	U
79-00-5	1,1,2-Trichloroethane	0.17	0.17	0.010	0.032	0.032	0.0019	U
108-88-3	Toluene	1.9	0.17	0.021	0.51	0.046	0.0055	B
124-48-1	Dibromochloromethane	0.043	0.043	0.011	0.0051	0.0051	0.0013	U
106-93-4	1,2-Dibromoethane	0.043	0.043	0.012	0.0056	0.0056	0.0015	U
127-18-4	Tetrachloroethene	0.075	0.043	0.015	0.011	0.0064	0.0022	
108-90-7	Chlorobenzene	0.17	0.17	0.017	0.038	0.038	0.0036	U
100-41-4	Ethylbenzene	0.20	0.17	0.021	0.045	0.040	0.0048	
179601-23-1	m,p-Xylenes	0.80	0.17	0.042	0.18	0.040	0.0096	
100-42-5	Styrene	0.094	0.17	0.021	0.022	0.041	0.0049	J
95-47-6	o-Xylene	0.28	0.17	0.022	0.063	0.040	0.0052	
79-34-5	1,1,2,2-Tetrachloroethane	0.043	0.043	0.015	0.0063	0.0063	0.0022	U
108-67-8	1,3,5-Trimethylbenzene	0.079	0.17	0.024	0.016	0.035	0.0049	J
95-63-6	1,2,4-Trimethylbenzene	0.33	0.17	0.028	0.067	0.035	0.0056	
541-73-1	1,3-Dichlorobenzene	0.043	0.043	0.029	0.0072	0.0072	0.0049	U
106-46-7	1,4-Dichlorobenzene	0.043	0.043	0.035	0.0072	0.0072	0.0058	U
95-50-1	1,2-Dichlorobenzene	0.043	0.043	0.031	0.0072	0.0072	0.0052	U
96-12-8	1,2-Dibromo-3-chloropropane	0.17	0.17	0.024	0.018	0.018	0.0025	U
120-82-1	1,2,4-Trichlorobenzene	0.087	0.087	0.035	0.012	0.012	0.0047	U
91-20-3	Naphthalene	0.096	0.17	0.038	0.018	0.033	0.0073	J
87-68-3	Hexachlorobutadiene	0.17	0.17	0.022	0.016	0.016	0.0021	U

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ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-008

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01531

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.73

Container Dilution Factor: 1.36

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.4	0.068	0.012	0.49	0.014	0.0023	
74-87-3	Chloromethane	0.23	0.068	0.035	0.11	0.033	0.017	
75-01-4	Vinyl Chloride	0.034	0.034	0.016	0.013	0.013	0.0064	U
106-99-0	1,3-Butadiene	0.068	0.068	0.011	0.031	0.031	0.0049	U
74-83-9	Bromomethane	0.027	0.034	0.0091	0.0071	0.0088	0.0023	J
75-00-3	Chloroethane	0.020	0.034	0.011	0.0077	0.013	0.0040	J
107-02-8	Acrolein	0.12	0.27	0.048	0.052	0.12	0.021	J
67-64-1	Acetone	5.3	3.4	0.31	2.2	1.4	0.13	
75-69-4	Trichlorofluoromethane	2.0	0.068	0.011	0.35	0.012	0.0020	
75-35-4	1,1-Dichloroethene	0.034	0.034	0.012	0.0086	0.0086	0.0030	U
75-09-2	Methylene Chloride	0.35	0.14	0.011	0.10	0.039	0.0031	B
76-13-1	Trichlorotrifluoroethane	0.46	0.034	0.011	0.060	0.0044	0.0014	
156-60-5	trans-1,2-Dichloroethene	0.034	0.034	0.015	0.0086	0.0086	0.0038	U
75-34-3	1,1-Dichloroethane	0.034	0.034	0.011	0.0084	0.0084	0.0028	U
1634-04-4	Methyl tert-Butyl Ether	0.034	0.034	0.016	0.0094	0.0094	0.0045	U
156-59-2	cis-1,2-Dichloroethene	0.034	0.034	0.0098	0.0086	0.0086	0.0025	U
67-66-3	Chloroform	0.068	0.14	0.011	0.014	0.028	0.0022	J
107-06-2	1,2-Dichloroethane	0.083	0.034	0.011	0.021	0.0084	0.0028	
71-55-6	1,1,1-Trichloroethane	0.034	0.034	0.012	0.0062	0.0062	0.0022	U
71-43-2	Benzene	0.34	0.10	0.020	0.11	0.032	0.0064	
56-23-5	Carbon Tetrachloride	0.39	0.034	0.0097	0.062	0.0054	0.0015	
78-87-5	1,2-Dichloropropane	0.020	0.034	0.0083	0.0044	0.0074	0.0018	J
75-27-4	Bromodichloromethane	0.034	0.034	0.0079	0.0051	0.0051	0.0012	U
79-01-6	Trichloroethene	0.034	0.034	0.010	0.0063	0.0063	0.0019	U

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B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-04
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-008

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01531

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.17 Final Pressure (psig): 3.73

Container Dilution Factor: 1.36

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.015	0.14	0.012	0.0041	0.038	0.0033	J
10061-01-5	cis-1,3-Dichloropropene	0.068	0.068	0.0097	0.015	0.015	0.0021	U
10061-02-6	trans-1,3-Dichloropropene	0.068	0.068	0.0065	0.015	0.015	0.0014	U
79-00-5	1,1,2-Trichloroethane	0.14	0.14	0.0080	0.025	0.025	0.0015	U
108-88-3	Toluene	1.0	0.14	0.016	0.27	0.036	0.0043	B
124-48-1	Dibromochloromethane	0.034	0.034	0.0087	0.0040	0.0040	0.0010	U
106-93-4	1,2-Dibromoethane	0.034	0.034	0.0091	0.0044	0.0044	0.0012	U
127-18-4	Tetrachloroethene	0.033	0.034	0.012	0.0049	0.0050	0.0017	J
108-90-7	Chlorobenzene	0.14	0.14	0.013	0.030	0.030	0.0029	U
100-41-4	Ethylbenzene	0.075	0.14	0.016	0.017	0.031	0.0038	J
179601-23-1	m,p-Xylenes	0.24	0.14	0.033	0.056	0.031	0.0075	
100-42-5	Styrene	0.028	0.14	0.016	0.0065	0.032	0.0038	J
95-47-6	o-Xylene	0.10	0.14	0.018	0.023	0.031	0.0041	J
79-34-5	1,1,2,2-Tetrachloroethane	0.034	0.034	0.012	0.0050	0.0050	0.0017	U
108-67-8	1,3,5-Trimethylbenzene	0.16	0.14	0.019	0.032	0.028	0.0039	
95-63-6	1,2,4-Trimethylbenzene	0.79	0.14	0.022	0.16	0.028	0.0044	
541-73-1	1,3-Dichlorobenzene	0.034	0.034	0.023	0.0057	0.0057	0.0038	U
106-46-7	1,4-Dichlorobenzene	0.034	0.034	0.027	0.0057	0.0057	0.0045	U
95-50-1	1,2-Dichlorobenzene	0.034	0.034	0.024	0.0057	0.0057	0.0041	U
96-12-8	1,2-Dibromo-3-chloropropane	0.14	0.14	0.019	0.014	0.014	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.068	0.068	0.027	0.0092	0.0092	0.0037	U
91-20-3	Naphthalene	0.098	0.14	0.030	0.019	0.026	0.0057	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.018	0.013	0.013	0.0017	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-009

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00749

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -0.91 Final Pressure (psig): 4.01

Container Dilution Factor: 1.36

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.3	0.068	0.012	0.46	0.014	0.0023	
74-87-3	Chloromethane	0.23	0.068	0.035	0.11	0.033	0.017	
75-01-4	Vinyl Chloride	0.034	0.034	0.016	0.013	0.013	0.0064	U
106-99-0	1,3-Butadiene	0.093	0.068	0.011	0.042	0.031	0.0049	
74-83-9	Bromomethane	0.029	0.034	0.0091	0.0074	0.0088	0.0023	J
75-00-3	Chloroethane	0.037	0.034	0.011	0.014	0.013	0.0040	
107-02-8	Acrolein	0.36	0.27	0.048	0.16	0.12	0.021	
67-64-1	Acetone	45	3.4	0.31	19	1.4	0.13	
75-69-4	Trichlorofluoromethane	1.5	0.068	0.011	0.27	0.012	0.0020	
75-35-4	1,1-Dichloroethene	0.034	0.034	0.012	0.0086	0.0086	0.0030	U
75-09-2	Methylene Chloride	0.46	0.14	0.011	0.13	0.039	0.0031	B
76-13-1	Trichlorotrifluoroethane	0.45	0.034	0.011	0.059	0.0044	0.0014	
156-60-5	trans-1,2-Dichloroethene	0.034	0.034	0.015	0.0086	0.0086	0.0038	U
75-34-3	1,1-Dichloroethane	0.054	0.034	0.011	0.013	0.0084	0.0028	
1634-04-4	Methyl tert-Butyl Ether	0.37	0.034	0.016	0.10	0.0094	0.0045	
156-59-2	cis-1,2-Dichloroethene	0.034	0.034	0.0098	0.0086	0.0086	0.0025	U
67-66-3	Chloroform	0.080	0.14	0.011	0.016	0.028	0.0022	J
107-06-2	1,2-Dichloroethane	0.10	0.034	0.011	0.026	0.0084	0.0028	
71-55-6	1,1,1-Trichloroethane	0.034	0.034	0.012	0.0062	0.0062	0.0022	U
71-43-2	Benzene	0.78	0.10	0.020	0.25	0.032	0.0064	
56-23-5	Carbon Tetrachloride	0.40	0.034	0.0097	0.064	0.0054	0.0015	
78-87-5	1,2-Dichloropropane	0.025	0.034	0.0083	0.0054	0.0074	0.0018	J
75-27-4	Bromodichloromethane	0.034	0.034	0.0079	0.0051	0.0051	0.0012	U
79-01-6	Trichloroethene	0.034	0.034	0.010	0.0063	0.0063	0.0019	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-009

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00749

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -0.91 Final Pressure (psig): 4.01

Container Dilution Factor: 1.36

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.046	0.14	0.012	0.013	0.038	0.0033	J
10061-01-5	cis-1,3-Dichloropropene	0.068	0.068	0.0097	0.015	0.015	0.0021	U
10061-02-6	trans-1,3-Dichloropropene	0.068	0.068	0.0065	0.015	0.015	0.0014	U
79-00-5	1,1,2-Trichloroethane	0.14	0.14	0.0080	0.025	0.025	0.0015	U
108-88-3	Toluene	6.1	0.14	0.016	1.6	0.036	0.0043	B
124-48-1	Dibromochloromethane	0.034	0.034	0.0087	0.0040	0.0040	0.0010	U
106-93-4	1,2-Dibromoethane	0.034	0.034	0.0091	0.0044	0.0044	0.0012	U
127-18-4	Tetrachloroethene	0.051	0.034	0.012	0.0075	0.0050	0.0017	
108-90-7	Chlorobenzene	0.31	0.14	0.013	0.067	0.030	0.0029	
100-41-4	Ethylbenzene	2.3	0.14	0.016	0.52	0.031	0.0038	
179601-23-1	m,p-Xylenes	4.4	0.14	0.033	1.0	0.031	0.0075	
100-42-5	Styrene	2.4	0.14	0.016	0.56	0.032	0.0038	
95-47-6	o-Xylene	2.0	0.14	0.018	0.46	0.031	0.0041	
79-34-5	1,1,2,2-Tetrachloroethane	0.034	0.034	0.012	0.0050	0.0050	0.0017	U
108-67-8	1,3,5-Trimethylbenzene	0.25	0.14	0.019	0.051	0.028	0.0039	
95-63-6	1,2,4-Trimethylbenzene	0.65	0.14	0.022	0.13	0.028	0.0044	
541-73-1	1,3-Dichlorobenzene	0.057	0.034	0.023	0.0095	0.0057	0.0038	
106-46-7	1,4-Dichlorobenzene	0.034	0.034	0.027	0.0057	0.0057	0.0045	U
95-50-1	1,2-Dichlorobenzene	0.034	0.034	0.024	0.0057	0.0057	0.0041	U
96-12-8	1,2-Dibromo-3-chloropropane	0.14	0.14	0.019	0.014	0.014	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.068	0.068	0.027	0.0092	0.0092	0.0037	U
91-20-3	Naphthalene	0.082	0.14	0.030	0.016	0.026	0.0057	J
87-68-3	Hexachlorobutadiene	0.14	0.14	0.018	0.013	0.013	0.0017	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05-DUPE
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-010

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01714

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.85 Final Pressure (psig): 3.60

Container Dilution Factor: 1.69

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.3	0.085	0.014	0.47	0.017	0.0029	
74-87-3	Chloromethane	0.23	0.085	0.044	0.11	0.041	0.021	
75-01-4	Vinyl Chloride	0.042	0.042	0.020	0.017	0.017	0.0079	U
106-99-0	1,3-Butadiene	0.085	0.085	0.013	0.038	0.038	0.0060	U
74-83-9	Bromomethane	0.028	0.042	0.011	0.0073	0.011	0.0029	J
75-00-3	Chloroethane	0.033	0.042	0.013	0.013	0.016	0.0050	J
107-02-8	Acrolein	0.34	0.34	0.059	0.15	0.15	0.026	
67-64-1	Acetone	44	4.2	0.39	19	1.8	0.16	
75-69-4	Trichlorofluoromethane	1.6	0.085	0.014	0.29	0.015	0.0024	
75-35-4	1,1-Dichloroethene	0.042	0.042	0.015	0.011	0.011	0.0038	U
75-09-2	Methylene Chloride	0.36	0.17	0.013	0.10	0.049	0.0038	B
76-13-1	Trichlorotrifluoroethane	0.47	0.042	0.014	0.062	0.0055	0.0018	
156-60-5	trans-1,2-Dichloroethene	0.042	0.042	0.019	0.011	0.011	0.0047	U
75-34-3	1,1-Dichloroethane	0.041	0.042	0.014	0.010	0.010	0.0034	J
1634-04-4	Methyl tert-Butyl Ether	0.39	0.042	0.020	0.11	0.012	0.0056	
156-59-2	cis-1,2-Dichloroethene	0.042	0.042	0.012	0.011	0.011	0.0031	U
67-66-3	Chloroform	0.071	0.17	0.014	0.015	0.035	0.0028	J
107-06-2	1,2-Dichloroethane	0.093	0.042	0.014	0.023	0.010	0.0035	
71-55-6	1,1,1-Trichloroethane	0.042	0.042	0.015	0.0077	0.0077	0.0028	U
71-43-2	Benzene	0.42	0.13	0.025	0.13	0.040	0.0079	
56-23-5	Carbon Tetrachloride	0.40	0.042	0.012	0.064	0.0067	0.0019	
78-87-5	1,2-Dichloropropane	0.021	0.042	0.010	0.0046	0.0091	0.0022	J
75-27-4	Bromodichloromethane	0.042	0.042	0.0098	0.0063	0.0063	0.0015	U
79-01-6	Trichloroethene	0.042	0.042	0.013	0.0079	0.0079	0.0024	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-05-DUPE
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-010

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01714

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -3.85 Final Pressure (psig): 3.60

Container Dilution Factor: 1.69

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.044	0.17	0.015	0.012	0.047	0.0041	J
10061-01-5	cis-1,3-Dichloropropene	0.085	0.085	0.012	0.019	0.019	0.0026	U
10061-02-6	trans-1,3-Dichloropropene	0.085	0.085	0.0081	0.019	0.019	0.0018	U
79-00-5	1,1,2-Trichloroethane	0.17	0.17	0.010	0.031	0.031	0.0018	U
108-88-3	Toluene	5.3	0.17	0.020	1.4	0.045	0.0054	B
124-48-1	Dibromochloromethane	0.042	0.042	0.011	0.0050	0.0050	0.0013	U
106-93-4	1,2-Dibromoethane	0.042	0.042	0.011	0.0055	0.0055	0.0015	U
127-18-4	Tetrachloroethene	0.046	0.042	0.015	0.0068	0.0062	0.0021	
108-90-7	Chlorobenzene	0.32	0.17	0.016	0.069	0.037	0.0036	
100-41-4	Ethylbenzene	2.2	0.17	0.020	0.50	0.039	0.0047	
179601-23-1	m,p-Xylenes	4.1	0.17	0.041	0.94	0.039	0.0093	
100-42-5	Styrene	2.6	0.17	0.020	0.62	0.040	0.0048	
95-47-6	o-Xylene	1.9	0.17	0.022	0.44	0.039	0.0051	
79-34-5	1,1,2,2-Tetrachloroethane	0.042	0.042	0.015	0.0062	0.0062	0.0021	U
108-67-8	1,3,5-Trimethylbenzene	0.22	0.17	0.024	0.045	0.034	0.0048	
95-63-6	1,2,4-Trimethylbenzene	0.59	0.17	0.027	0.12	0.034	0.0055	
541-73-1	1,3-Dichlorobenzene	0.046	0.042	0.029	0.0076	0.0070	0.0048	
106-46-7	1,4-Dichlorobenzene	0.042	0.042	0.034	0.0070	0.0070	0.0056	U
95-50-1	1,2-Dichlorobenzene	0.042	0.042	0.030	0.0070	0.0070	0.0051	U
96-12-8	1,2-Dibromo-3-chloropropane	0.17	0.17	0.024	0.017	0.017	0.0024	U
120-82-1	1,2,4-Trichlorobenzene	0.085	0.085	0.034	0.011	0.011	0.0046	U
91-20-3	Naphthalene	0.20	0.17	0.037	0.039	0.032	0.0071	
87-68-3	Hexachlorobutadiene	0.17	0.17	0.022	0.016	0.016	0.0021	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

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Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-06
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-011

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00753

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.53 Final Pressure (psig): 3.80

Container Dilution Factor: 1.40

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.5	0.070	0.012	0.50	0.014	0.0024	
74-87-3	Chloromethane	0.23	0.070	0.036	0.11	0.034	0.018	
75-01-4	Vinyl Chloride	0.035	0.035	0.017	0.014	0.014	0.0066	U
106-99-0	1,3-Butadiene	0.032	0.070	0.011	0.015	0.032	0.0050	J
74-83-9	Bromomethane	0.028	0.035	0.0094	0.0073	0.0090	0.0024	J
75-00-3	Chloroethane	0.023	0.035	0.011	0.0086	0.013	0.0041	J
107-02-8	Acrolein	0.15	0.28	0.049	0.066	0.12	0.021	J
67-64-1	Acetone	6.1	3.5	0.32	2.6	1.5	0.14	
75-69-4	Trichlorofluoromethane	1.6	0.070	0.011	0.29	0.012	0.0020	
75-35-4	1,1-Dichloroethene	0.035	0.035	0.012	0.0088	0.0088	0.0031	U
75-09-2	Methylene Chloride	0.37	0.14	0.011	0.11	0.040	0.0031	B
76-13-1	Trichlorotrifluoroethane	0.47	0.035	0.011	0.062	0.0046	0.0015	
156-60-5	trans-1,2-Dichloroethene	0.035	0.035	0.015	0.0088	0.0088	0.0039	U
75-34-3	1,1-Dichloroethane	0.035	0.035	0.011	0.0087	0.0087	0.0028	U
1634-04-4	Methyl tert-Butyl Ether	0.035	0.035	0.017	0.0097	0.0097	0.0047	U
156-59-2	cis-1,2-Dichloroethene	0.035	0.035	0.010	0.0088	0.0088	0.0025	U
67-66-3	Chloroform	0.070	0.14	0.011	0.014	0.029	0.0023	J
107-06-2	1,2-Dichloroethane	0.086	0.035	0.012	0.021	0.0087	0.0029	
71-55-6	1,1,1-Trichloroethane	0.035	0.035	0.013	0.0064	0.0064	0.0023	U
71-43-2	Benzene	0.47	0.11	0.021	0.15	0.033	0.0066	
56-23-5	Carbon Tetrachloride	0.41	0.035	0.0099	0.065	0.0056	0.0016	
78-87-5	1,2-Dichloropropane	0.021	0.035	0.0085	0.0046	0.0076	0.0018	J
75-27-4	Bromodichloromethane	0.011	0.035	0.0081	0.0016	0.0052	0.0012	J
79-01-6	Trichloroethene	0.035	0.035	0.011	0.0065	0.0065	0.0020	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-06
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-011

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS00753

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.53 Final Pressure (psig): 3.80

Container Dilution Factor: 1.40

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.025	0.14	0.012	0.0070	0.039	0.0034	J
10061-01-5	cis-1,3-Dichloropropene	0.070	0.070	0.0099	0.015	0.015	0.0022	U
10061-02-6	trans-1,3-Dichloropropene	0.070	0.070	0.0067	0.015	0.015	0.0015	U
79-00-5	1,1,2-Trichloroethane	0.14	0.14	0.0083	0.026	0.026	0.0015	U
108-88-3	Toluene	0.73	0.14	0.017	0.19	0.037	0.0045	B
124-48-1	Dibromochloromethane	0.035	0.035	0.0090	0.0041	0.0041	0.0011	U
106-93-4	1,2-Dibromoethane	0.035	0.035	0.0094	0.0046	0.0046	0.0012	U
127-18-4	Tetrachloroethene	0.029	0.035	0.012	0.0043	0.0052	0.0018	J
108-90-7	Chlorobenzene	0.14	0.14	0.014	0.030	0.030	0.0029	U
100-41-4	Ethylbenzene	0.027	0.14	0.017	0.0063	0.032	0.0039	J
179601-23-1	m,p-Xylenes	0.050	0.14	0.034	0.012	0.032	0.0077	J
100-42-5	Styrene	0.14	0.14	0.017	0.033	0.033	0.0039	U
95-47-6	o-Xylene	0.14	0.14	0.018	0.032	0.032	0.0042	U
79-34-5	1,1,2,2-Tetrachloroethane	0.035	0.035	0.012	0.0051	0.0051	0.0018	U
108-67-8	1,3,5-Trimethylbenzene	0.14	0.14	0.020	0.028	0.028	0.0040	U
95-63-6	1,2,4-Trimethylbenzene	0.14	0.14	0.022	0.028	0.028	0.0046	U
541-73-1	1,3-Dichlorobenzene	0.035	0.035	0.024	0.0058	0.0058	0.0040	U
106-46-7	1,4-Dichlorobenzene	0.035	0.035	0.028	0.0058	0.0058	0.0047	U
95-50-1	1,2-Dichlorobenzene	0.035	0.035	0.025	0.0058	0.0058	0.0042	U
96-12-8	1,2-Dibromo-3-chloropropane	0.14	0.14	0.020	0.014	0.014	0.0020	U
120-82-1	1,2,4-Trichlorobenzene	0.070	0.070	0.028	0.0094	0.0094	0.0038	U
91-20-3	Naphthalene	0.14	0.14	0.031	0.027	0.027	0.0059	U
87-68-3	Hexachlorobutadiene	0.14	0.14	0.018	0.013	0.013	0.0017	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-AA-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-012

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01159

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -2.47 Final Pressure (psig): 3.58

Container Dilution Factor: 1.49

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	2.2	0.075	0.013	0.45	0.015	0.0026	
74-87-3	Chloromethane	0.22	0.075	0.039	0.11	0.036	0.019	
75-01-4	Vinyl Chloride	0.037	0.037	0.018	0.015	0.015	0.0070	U
106-99-0	1,3-Butadiene	0.042	0.075	0.012	0.019	0.034	0.0053	J
74-83-9	Bromomethane	0.033	0.037	0.010	0.0086	0.0096	0.0026	J
75-00-3	Chloroethane	0.019	0.037	0.012	0.0074	0.014	0.0044	J
107-02-8	Acrolein	0.12	0.30	0.052	0.053	0.13	0.023	J
67-64-1	Acetone	5.0	3.7	0.34	2.1	1.6	0.14	
75-69-4	Trichlorofluoromethane	1.1	0.075	0.012	0.20	0.013	0.0021	
75-35-4	1,1-Dichloroethene	0.037	0.037	0.013	0.0094	0.0094	0.0033	U
75-09-2	Methylene Chloride	0.40	0.15	0.012	0.11	0.043	0.0033	B
76-13-1	Trichlorotrifluoroethane	0.46	0.037	0.012	0.061	0.0049	0.0016	
156-60-5	trans-1,2-Dichloroethene	0.037	0.037	0.016	0.0094	0.0094	0.0041	U
75-34-3	1,1-Dichloroethane	0.037	0.037	0.012	0.0092	0.0092	0.0030	U
1634-04-4	Methyl tert-Butyl Ether	0.037	0.037	0.018	0.010	0.010	0.0050	U
156-59-2	cis-1,2-Dichloroethene	0.037	0.037	0.011	0.0094	0.0094	0.0027	U
67-66-3	Chloroform	0.069	0.15	0.012	0.014	0.031	0.0024	J
107-06-2	1,2-Dichloroethane	0.089	0.037	0.012	0.022	0.0092	0.0031	
71-55-6	1,1,1-Trichloroethane	0.037	0.037	0.013	0.0068	0.0068	0.0025	U
71-43-2	Benzene	0.45	0.11	0.022	0.14	0.035	0.0070	
56-23-5	Carbon Tetrachloride	0.40	0.037	0.011	0.064	0.0059	0.0017	
78-87-5	1,2-Dichloropropane	0.024	0.037	0.0091	0.0051	0.0081	0.0020	J
75-27-4	Bromodichloromethane	0.037	0.037	0.0086	0.0056	0.0056	0.0013	U
79-01-6	Trichloroethene	0.037	0.037	0.011	0.0069	0.0069	0.0021	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-AA-01
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-012

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:
 Container ID: AS01159

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -2.47 Final Pressure (psig): 3.58

Container Dilution Factor: 1.49

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.15	0.15	0.013	0.041	0.041	0.0036	U
10061-01-5	cis-1,3-Dichloropropene	0.075	0.075	0.011	0.016	0.016	0.0023	U
10061-02-6	trans-1,3-Dichloropropene	0.075	0.075	0.0072	0.016	0.016	0.0016	U
79-00-5	1,1,2-Trichloroethane	0.15	0.15	0.0088	0.027	0.027	0.0016	U
108-88-3	Toluene	1.1	0.15	0.018	0.29	0.040	0.0047	B
124-48-1	Dibromochloromethane	0.037	0.037	0.0095	0.0044	0.0044	0.0011	U
106-93-4	1,2-Dibromoethane	0.037	0.037	0.010	0.0048	0.0048	0.0013	U
127-18-4	Tetrachloroethene	0.036	0.037	0.013	0.0053	0.0055	0.0019	J
108-90-7	Chlorobenzene	0.15	0.15	0.014	0.032	0.032	0.0031	U
100-41-4	Ethylbenzene	0.10	0.15	0.018	0.023	0.034	0.0041	J
179601-23-1	m,p-Xylenes	0.34	0.15	0.036	0.078	0.034	0.0082	
100-42-5	Styrene	0.058	0.15	0.018	0.014	0.035	0.0042	J
95-47-6	o-Xylene	0.14	0.15	0.019	0.032	0.034	0.0045	J
79-34-5	1,1,2,2-Tetrachloroethane	0.037	0.037	0.013	0.0054	0.0054	0.0019	U
108-67-8	1,3,5-Trimethylbenzene	0.030	0.15	0.021	0.0061	0.030	0.0042	J
95-63-6	1,2,4-Trimethylbenzene	0.14	0.15	0.024	0.029	0.030	0.0049	J
541-73-1	1,3-Dichlorobenzene	0.037	0.037	0.025	0.0062	0.0062	0.0042	U
106-46-7	1,4-Dichlorobenzene	0.037	0.037	0.030	0.0062	0.0062	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.037	0.037	0.027	0.0062	0.0062	0.0045	U
96-12-8	1,2-Dibromo-3-chloropropane	0.15	0.15	0.021	0.015	0.015	0.0022	U
120-82-1	1,2,4-Trichlorobenzene	0.075	0.075	0.030	0.010	0.010	0.0040	U
91-20-3	Naphthalene	0.15	0.15	0.033	0.028	0.028	0.0063	U
87-68-3	Hexachlorobutadiene	0.15	0.15	0.019	0.014	0.014	0.0018	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Method Blank
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230411-MB

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Container Dilution Factor: 1.00

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	0.050	0.050	0.0085	0.010	0.010	0.0017	U
74-87-3	Chloromethane	0.050	0.050	0.026	0.024	0.024	0.013	U
75-01-4	Vinyl Chloride	0.025	0.025	0.012	0.0098	0.0098	0.0047	U
106-99-0	1,3-Butadiene	0.050	0.050	0.0079	0.023	0.023	0.0036	U
74-83-9	Bromomethane	0.025	0.025	0.0067	0.0064	0.0064	0.0017	U
75-00-3	Chloroethane	0.025	0.025	0.0078	0.0095	0.0095	0.0030	U
107-02-8	Acrolein	0.20	0.20	0.035	0.087	0.087	0.015	U
67-64-1	Acetone	2.5	2.5	0.23	1.1	1.1	0.097	U
75-69-4	Trichlorofluoromethane	0.050	0.050	0.0081	0.0089	0.0089	0.0014	U
75-35-4	1,1-Dichloroethene	0.025	0.025	0.0088	0.0063	0.0063	0.0022	U
75-09-2	Methylene Chloride	0.0080	0.10	0.0078	0.0023	0.029	0.0022	J
76-13-1	Trichlorotrifluoroethane	0.025	0.025	0.0081	0.0033	0.0033	0.0011	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.025	0.011	0.0063	0.0063	0.0028	U
75-34-3	1,1-Dichloroethane	0.025	0.025	0.0082	0.0062	0.0062	0.0020	U
1634-04-4	Methyl tert-Butyl Ether	0.025	0.025	0.012	0.0069	0.0069	0.0033	U
156-59-2	cis-1,2-Dichloroethene	0.025	0.025	0.0072	0.0063	0.0063	0.0018	U
67-66-3	Chloroform	0.10	0.10	0.0080	0.020	0.020	0.0016	U
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0083	0.0062	0.0062	0.0021	U
71-55-6	1,1,1-Trichloroethane	0.025	0.025	0.0090	0.0046	0.0046	0.0017	U
71-43-2	Benzene	0.075	0.075	0.015	0.023	0.023	0.0047	U
56-23-5	Carbon Tetrachloride	0.025	0.025	0.0071	0.0040	0.0040	0.0011	U
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0061	0.0054	0.0054	0.0013	U
75-27-4	Bromodichloromethane	0.025	0.025	0.0058	0.0037	0.0037	0.00087	U
79-01-6	Trichloroethene	0.025	0.025	0.0077	0.0047	0.0047	0.0014	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Method Blank
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230411-MB

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Container Dilution Factor: 1.00

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.10	0.10	0.0087	0.028	0.028	0.0024	U
10061-01-5	cis-1,3-Dichloropropene	0.050	0.050	0.0071	0.011	0.011	0.0016	U
10061-02-6	trans-1,3-Dichloropropene	0.050	0.050	0.0048	0.011	0.011	0.0011	U
79-00-5	1,1,2-Trichloroethane	0.10	0.10	0.0059	0.018	0.018	0.0011	U
108-88-3	Toluene	0.030	0.10	0.012	0.0081	0.027	0.0032	J
124-48-1	Dibromochloromethane	0.025	0.025	0.0064	0.0029	0.0029	0.00075	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0067	0.0033	0.0033	0.00087	U
127-18-4	Tetrachloroethene	0.025	0.025	0.0086	0.0037	0.0037	0.0013	U
108-90-7	Chlorobenzene	0.10	0.10	0.0097	0.022	0.022	0.0021	U
100-41-4	Ethylbenzene	0.10	0.10	0.012	0.023	0.023	0.0028	U
179601-23-1	m,p-Xylenes	0.10	0.10	0.024	0.023	0.023	0.0055	U
100-42-5	Styrene	0.10	0.10	0.012	0.023	0.023	0.0028	U
95-47-6	o-Xylene	0.10	0.10	0.013	0.023	0.023	0.0030	U
79-34-5	1,1,2,2-Tetrachloroethane	0.025	0.025	0.0087	0.0036	0.0036	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.10	0.10	0.014	0.020	0.020	0.0028	U
95-63-6	1,2,4-Trimethylbenzene	0.10	0.10	0.016	0.020	0.020	0.0033	U
541-73-1	1,3-Dichlorobenzene	0.025	0.025	0.017	0.0042	0.0042	0.0028	U
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.020	0.0042	0.0042	0.0033	U
95-50-1	1,2-Dichlorobenzene	0.025	0.025	0.018	0.0042	0.0042	0.0030	U
96-12-8	1,2-Dibromo-3-chloropropane	0.10	0.10	0.014	0.010	0.010	0.0014	U
120-82-1	1,2,4-Trichlorobenzene	0.050	0.050	0.020	0.0067	0.0067	0.0027	U
91-20-3	Naphthalene	0.10	0.10	0.022	0.019	0.019	0.0042	U
87-68-3	Hexachlorobutadiene	0.10	0.10	0.013	0.0094	0.0094	0.0012	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Method Blank
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230412-MB

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Container Dilution Factor: 1.00

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
75-71-8	Dichlorodifluoromethane (CFC 12)	0.050	0.050	0.0085	0.010	0.010	0.0017	U
74-87-3	Chloromethane	0.050	0.050	0.026	0.024	0.024	0.013	U
75-01-4	Vinyl Chloride	0.025	0.025	0.012	0.0098	0.0098	0.0047	U
106-99-0	1,3-Butadiene	0.050	0.050	0.0079	0.023	0.023	0.0036	U
74-83-9	Bromomethane	0.025	0.025	0.0067	0.0064	0.0064	0.0017	U
75-00-3	Chloroethane	0.025	0.025	0.0078	0.0095	0.0095	0.0030	U
107-02-8	Acrolein	0.20	0.20	0.035	0.087	0.087	0.015	U
67-64-1	Acetone	2.5	2.5	0.23	1.1	1.1	0.097	U
75-69-4	Trichlorofluoromethane	0.050	0.050	0.0081	0.0089	0.0089	0.0014	U
75-35-4	1,1-Dichloroethene	0.025	0.025	0.0088	0.0063	0.0063	0.0022	U
75-09-2	Methylene Chloride	0.012	0.10	0.0078	0.0034	0.029	0.0022	J
76-13-1	Trichlorotrifluoroethane	0.025	0.025	0.0081	0.0033	0.0033	0.0011	U
156-60-5	trans-1,2-Dichloroethene	0.025	0.025	0.011	0.0063	0.0063	0.0028	U
75-34-3	1,1-Dichloroethane	0.025	0.025	0.0082	0.0062	0.0062	0.0020	U
1634-04-4	Methyl tert-Butyl Ether	0.025	0.025	0.012	0.0069	0.0069	0.0033	U
156-59-2	cis-1,2-Dichloroethene	0.025	0.025	0.0072	0.0063	0.0063	0.0018	U
67-66-3	Chloroform	0.10	0.10	0.0080	0.020	0.020	0.0016	U
107-06-2	1,2-Dichloroethane	0.025	0.025	0.0083	0.0062	0.0062	0.0021	U
71-55-6	1,1,1-Trichloroethane	0.025	0.025	0.0090	0.0046	0.0046	0.0017	U
71-43-2	Benzene	0.075	0.075	0.015	0.023	0.023	0.0047	U
56-23-5	Carbon Tetrachloride	0.025	0.025	0.0071	0.0040	0.0040	0.0011	U
78-87-5	1,2-Dichloropropane	0.025	0.025	0.0061	0.0054	0.0054	0.0013	U
75-27-4	Bromodichloromethane	0.025	0.025	0.0058	0.0037	0.0037	0.00087	U
79-01-6	Trichloroethene	0.025	0.025	0.0077	0.0047	0.0047	0.0014	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Method Blank
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230412-MB

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 1.00 Liter(s)

Container Dilution Factor: 1.00

CAS #	Compound	Result	MRL	MDL	Result	MRL	MDL	Data
		µg/m ³	µg/m ³	µg/m ³	ppbV	ppbV	ppbV	Qualifier
123-91-1	1,4-Dioxane	0.10	0.10	0.0087	0.028	0.028	0.0024	U
10061-01-5	cis-1,3-Dichloropropene	0.050	0.050	0.0071	0.011	0.011	0.0016	U
10061-02-6	trans-1,3-Dichloropropene	0.050	0.050	0.0048	0.011	0.011	0.0011	U
79-00-5	1,1,2-Trichloroethane	0.10	0.10	0.0059	0.018	0.018	0.0011	U
108-88-3	Toluene	0.029	0.10	0.012	0.0076	0.027	0.0032	J
124-48-1	Dibromochloromethane	0.025	0.025	0.0064	0.0029	0.0029	0.00075	U
106-93-4	1,2-Dibromoethane	0.025	0.025	0.0067	0.0033	0.0033	0.00087	U
127-18-4	Tetrachloroethene	0.025	0.025	0.0086	0.0037	0.0037	0.0013	U
108-90-7	Chlorobenzene	0.10	0.10	0.0097	0.022	0.022	0.0021	U
100-41-4	Ethylbenzene	0.10	0.10	0.012	0.023	0.023	0.0028	U
179601-23-1	m,p-Xylenes	0.10	0.10	0.024	0.023	0.023	0.0055	U
100-42-5	Styrene	0.10	0.10	0.012	0.023	0.023	0.0028	U
95-47-6	o-Xylene	0.10	0.10	0.013	0.023	0.023	0.0030	U
79-34-5	1,1,2,2-Tetrachloroethane	0.025	0.025	0.0087	0.0036	0.0036	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.10	0.10	0.014	0.020	0.020	0.0028	U
95-63-6	1,2,4-Trimethylbenzene	0.10	0.10	0.016	0.020	0.020	0.0033	U
541-73-1	1,3-Dichlorobenzene	0.025	0.025	0.017	0.0042	0.0042	0.0028	U
106-46-7	1,4-Dichlorobenzene	0.025	0.025	0.020	0.0042	0.0042	0.0033	U
95-50-1	1,2-Dichlorobenzene	0.025	0.025	0.018	0.0042	0.0042	0.0030	U
96-12-8	1,2-Dibromo-3-chloropropane	0.10	0.10	0.014	0.010	0.010	0.0014	U
120-82-1	1,2,4-Trichlorobenzene	0.050	0.050	0.020	0.0067	0.0067	0.0027	U
91-20-3	Naphthalene	0.10	0.10	0.022	0.019	0.019	0.0042	U
87-68-3	Hexachlorobutadiene	0.10	0.10	0.013	0.0094	0.0094	0.0012	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Page 1 of 1

Client: Tetra Tech, Inc.
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister(s) / 6.0 L Silonite Canister(s)
 Test Notes:

Date(s) Collected: 3/23 - 3/24/23
 Date(s) Received: 4/4/23
 Date(s) Analyzed: 4/11 - 4/12/23

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4	Toluene-d8	Bromofluorobenzene	Acceptance Limits	Data Qualifier
		% Recovered	% Recovered	% Recovered		
Method Blank	P230411-MB	89	112	89	70-130	
Method Blank	P230412-MB	89	110	92	70-130	
Lab Control Sample	P230411-LCS	96	94	100	70-130	
Lab Control Sample	P230412-LCS	95	97	104	70-130	
Duplicate Lab Control Sample	P230411-DLCS	99	95	101	70-130	
Duplicate Lab Control Sample	P230412-DLCS	95	98	103	70-130	
MA-SV-01	P2301521-001	91	107	120	70-130	
MA-SV-03	P2301521-003	88	108	121	70-130	
MA-SV-04	P2301521-004	85	106	117	70-130	
MA-IAQ-01	P2301521-005	85	109	120	70-130	
MA-IAQ-02	P2301521-006	85	108	116	70-130	
MA-IAQ-03	P2301521-007	85	104	114	70-130	
MA-IAQ-03	P2301521-007DUP	86	106	114	70-130	
MA-IAQ-04	P2301521-008	89	107	111	70-130	
MA-IAQ-05	P2301521-009	88	108	118	70-130	
MA-IAQ-05-DUPE	P2301521-010	89	108	116	70-130	
MA-IAQ-06	P2301521-011	88	105	96	70-130	
MA-AA-01	P2301521-012	88	107	111	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.

Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Duplicate Lab Control Sample
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230411-DLCS

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.050 Liter(s)

CAS #	Compound	Spike Amount		Result		% Recovery		ALS		Data Qualifier
		LCS / DLCS µg/m ³	LCS µg/m ³	DLCS µg/m ³	LCS	DLCS	Acceptance Limits	RPD	RPD Limit	
75-71-8	Dichlorodifluoromethane (CFC 12)	21.2	22.6	23.1	107	109	65-122	2	25	
74-87-3	Chloromethane	21.0	20.8	21.0	99	100	48-162	1	25	
75-01-4	Vinyl Chloride	21.0	20.6	21.2	98	101	43-138	3	25	
106-99-0	1,3-Butadiene	21.0	24.3	24.7	116	118	45-150	2	25	
74-83-9	Bromomethane	21.0	22.6	22.9	108	109	60-126	0.9	25	
75-00-3	Chloroethane	21.2	23.6	24.3	111	115	57-130	4	25	
107-02-8	Acrolein	44.0	49.9	52.4	113	119	54-130	5	25	
67-64-1	Acetone	106	111	115	105	108	54-123	3	25	
75-69-4	Trichlorofluoromethane	21.0	22.8	23.0	109	110	69-117	0.9	25	
75-35-4	1,1-Dichloroethene	20.4	21.6	22.2	106	109	65-135	3	25	
75-09-2	Methylene Chloride	20.4	23.3	23.6	114	116	63-120	2	25	
76-13-1	Trichlorotrifluoroethane	21.0	23.1	22.9	110	109	67-123	0.9	25	
156-60-5	trans-1,2-Dichloroethene	21.6	21.1	21.8	98	101	67-123	3	25	
75-34-3	1,1-Dichloroethane	21.6	23.1	23.6	107	109	62-123	2	25	
1634-04-4	Methyl tert-Butyl Ether	21.6	20.5	21.5	95	100	75-131	5	25	
156-59-2	cis-1,2-Dichloroethene	21.4	21.3	21.9	100	102	69-123	2	25	
67-66-3	Chloroform	21.6	22.9	23.2	106	107	67-117	0.9	25	
107-06-2	1,2-Dichloroethane	20.4	22.5	22.9	110	112	68-118	2	25	
71-55-6	1,1,1-Trichloroethane	21.0	22.6	22.8	108	109	73-124	0.9	25	
71-43-2	Benzene	20.4	22.2	22.7	109	111	60-122	2	25	
56-23-5	Carbon Tetrachloride	21.0	23.8	23.9	113	114	73-118	0.9	25	
78-87-5	1,2-Dichloropropane	21.4	21.4	21.7	100	101	66-126	1	25	
75-27-4	Bromodichloromethane	21.6	21.8	21.8	101	101	69-117	0	25	
79-01-6	Trichloroethene	21.2	21.9	21.8	103	103	71-119	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Duplicate Lab Control Sample
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230411-DLCS

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 0.050 Liter(s)

CAS #	Compound	Spike Amount		Result		% Recovery		ALS		Data Qualifier
		LCS / DLCS µg/m ³	LCS µg/m ³	DLCS µg/m ³	LCS	DLCS	Acceptance Limits	RPD	RPD Limit	
123-91-1	1,4-Dioxane	21.2	20.4	20.9	96	99	69-119	3	25	
10061-01-5	cis-1,3-Dichloropropene	21.2	22.6	23.1	107	109	73-125	2	25	
10061-02-6	trans-1,3-Dichloropropene	19.6	17.2	17.7	88	90	77-128	2	25	
79-00-5	1,1,2-Trichloroethane	21.6	21.9	22.0	101	102	68-123	1	25	
108-88-3	Toluene	21.4	20.9	21.1	98	99	69-120	1	25	
124-48-1	Dibromochloromethane	21.4	21.7	21.6	101	101	74-122	0	25	
106-93-4	1,2-Dibromoethane	20.4	20.3	20.4	100	100	72-124	0	25	
127-18-4	Tetrachloroethene	21.4	21.1	21.0	99	98	72-122	1	25	
108-90-7	Chlorobenzene	21.6	20.5	20.6	95	95	65-133	0	25	
100-41-4	Ethylbenzene	21.8	19.4	19.9	89	91	70-134	2	25	
179601-23-1	m,p-Xylenes	43.2	43.6	44.0	101	102	73-132	1	25	
100-42-5	Styrene	21.4	17.9	18.2	84	85	71-142	1	25	
95-47-6	o-Xylene	21.6	22.9	23.2	106	107	69-136	0.9	25	
79-34-5	1,1,2,2-Tetrachloroethane	21.6	22.8	22.9	106	106	66-136	0	25	
108-67-8	1,3,5-Trimethylbenzene	21.6	24.0	24.2	111	112	76-139	0.9	25	
95-63-6	1,2,4-Trimethylbenzene	21.2	23.0	22.2	108	105	75-139	3	25	
541-73-1	1,3-Dichlorobenzene	21.4	22.0	20.9	103	98	64-138	5	25	
106-46-7	1,4-Dichlorobenzene	21.4	20.9	20.8	98	97	55-137	1	25	
95-50-1	1,2-Dichlorobenzene	21.2	21.8	21.7	103	102	62-138	1	25	
96-12-8	1,2-Dibromo-3-chloropropane	41.6	42.2	42.1	101	101	66-149	0	25	
120-82-1	1,2,4-Trichlorobenzene	44.0	29.9	31.0	68	70	53-145	3	25	
91-20-3	Naphthalene	22.0	15.6	16.6	71	75	43-144	5	25	
87-68-3	Hexachlorobutadiene	21.8	19.0	18.9	87	87	54-146	0	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Duplicate Lab Control Sample
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230412-DLCS

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 0.050 Liter(s)

CAS #	Compound	Spike Amount		Result		% Recovery		ALS		Data Qualifier
		LCS / DLCS µg/m ³	LCS µg/m ³	DLCS µg/m ³	LCS	DLCS	Acceptance Limits	RPD	RPD Limit	
75-71-8	Dichlorodifluoromethane (CFC 12)	21.2	22.0	22.2	104	105	65-122	1	25	
74-87-3	Chloromethane	21.0	19.0	19.6	90	93	48-162	3	25	
75-01-4	Vinyl Chloride	21.0	19.3	19.5	92	93	43-138	1	25	
106-99-0	1,3-Butadiene	21.0	23.6	23.5	112	112	45-150	0	25	
74-83-9	Bromomethane	21.0	22.1	22.3	105	106	60-126	0.9	25	
75-00-3	Chloroethane	21.2	23.4	23.8	110	112	57-130	2	25	
107-02-8	Acrolein	44.0	50.7	51.6	115	117	54-130	2	25	
67-64-1	Acetone	106	109	110	103	104	54-123	1	25	
75-69-4	Trichlorofluoromethane	21.0	22.3	22.4	106	107	69-117	0.9	25	
75-35-4	1,1-Dichloroethene	20.4	22.7	22.8	111	112	65-135	0.9	25	
75-09-2	Methylene Chloride	20.4	23.1	23.1	113	113	63-120	0	25	
76-13-1	Trichlorotrifluoroethane	21.0	23.0	22.5	110	107	67-123	3	25	
156-60-5	trans-1,2-Dichloroethene	21.6	22.4	22.6	104	105	67-123	1	25	
75-34-3	1,1-Dichloroethane	21.6	23.1	23.1	107	107	62-123	0	25	
1634-04-4	Methyl tert-Butyl Ether	21.6	22.4	23.0	104	106	75-131	2	25	
156-59-2	cis-1,2-Dichloroethene	21.4	22.6	22.8	106	107	69-123	0.9	25	
67-66-3	Chloroform	21.6	22.5	22.5	104	104	67-117	0	25	
107-06-2	1,2-Dichloroethane	20.4	22.1	22.3	108	109	68-118	0.9	25	
71-55-6	1,1,1-Trichloroethane	21.0	22.6	22.7	108	108	73-124	0	25	
71-43-2	Benzene	20.4	23.0	23.4	113	115	60-122	2	25	
56-23-5	Carbon Tetrachloride	21.0	23.7	23.7	113	113	73-118	0	25	
78-87-5	1,2-Dichloropropane	21.4	21.2	21.2	99	99	66-126	0	25	
75-27-4	Bromodichloromethane	21.6	21.0	20.8	97	96	69-117	1	25	
79-01-6	Trichloroethene	21.2	21.7	21.4	102	101	71-119	1	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE / DUPLICATE LABORATORY CONTROL SAMPLE SUMMARY

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: Duplicate Lab Control Sample
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P230412-DLCS

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Silonite Canister
 Test Notes:

Date Collected: NA
 Date Received: NA
 Date Analyzed: 4/12/23
 Volume(s) Analyzed: 0.050 Liter(s)

CAS #	Compound	Spike Amount		Result		% Recovery		ALS		Data Qualifier
		LCS / DLCS µg/m ³	LCS µg/m ³	DLCS µg/m ³	LCS	DLCS	Acceptance Limits	RPD	RPD Limit	
123-91-1	1,4-Dioxane	21.2	21.7	21.6	102	102	69-119	0	25	
10061-01-5	cis-1,3-Dichloropropene	21.2	23.5	23.5	111	111	73-125	0	25	
10061-02-6	trans-1,3-Dichloropropene	19.6	18.2	18.3	93	93	77-128	0	25	
79-00-5	1,1,2-Trichloroethane	21.6	21.4	21.2	99	98	68-123	1	25	
108-88-3	Toluene	21.4	21.4	21.4	100	100	69-120	0	25	
124-48-1	Dibromochloromethane	21.4	21.0	20.8	98	97	74-122	1	25	
106-93-4	1,2-Dibromoethane	20.4	20.3	20.2	100	99	72-124	1	25	
127-18-4	Tetrachloroethene	21.4	21.2	20.9	99	98	72-122	1	25	
108-90-7	Chlorobenzene	21.6	20.7	20.6	96	95	65-133	1	25	
100-41-4	Ethylbenzene	21.8	21.0	21.0	96	96	70-134	0	25	
179601-23-1	m,p-Xylenes	43.2	44.6	44.3	103	103	73-132	0	25	
100-42-5	Styrene	21.4	19.9	19.5	93	91	71-142	2	25	
95-47-6	o-Xylene	21.6	23.6	23.4	109	108	69-136	0.9	25	
79-34-5	1,1,2,2-Tetrachloroethane	21.6	22.0	21.6	102	100	66-136	2	25	
108-67-8	1,3,5-Trimethylbenzene	21.6	24.3	24.0	113	111	76-139	2	25	
95-63-6	1,2,4-Trimethylbenzene	21.2	23.6	23.4	111	110	75-139	0.9	25	
541-73-1	1,3-Dichlorobenzene	21.4	21.6	21.5	101	100	64-138	1	25	
106-46-7	1,4-Dichlorobenzene	21.4	20.9	20.5	98	96	55-137	2	25	
95-50-1	1,2-Dichlorobenzene	21.2	21.4	21.1	101	100	62-138	1	25	
96-12-8	1,2-Dibromo-3-chloropropane	41.6	41.4	40.8	100	98	66-149	2	25	
120-82-1	1,2,4-Trichlorobenzene	44.0	32.0	32.2	73	73	53-145	0	25	
91-20-3	Naphthalene	22.0	16.8	17.2	76	78	43-144	3	25	
87-68-3	Hexachlorobutadiene	21.8	19.0	18.6	87	85	54-146	2	25	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result. Reported results are shown in concentration units and as a result of the calculation, may vary slightly.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 1 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-007DUP

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02277

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.47 Final Pressure (psig): 3.70
 Initial Pressure 2 (psig): -0.25 Final Pressure 2 (psig): 3.24

Container Dilution Factor: 1.73

CAS #	Compound	Sample Result		Duplicate Sample Result		Average µg/m ³	% RPD	RPD Limit	Data Qualifier
		µg/m ³	ppbV	µg/m ³	ppbV				
75-71-8	Dichlorodifluoromethane (CFC 12)	2.19	0.443	2.22	0.449	2.205	1	25	
74-87-3	Chloromethane	0.223	0.108	0.205	0.0993	0.214	8	25	
75-01-4	Vinyl Chloride	0.043	0.017	0.043	0.017	-	-	25	U
106-99-0	1,3-Butadiene	0.0894	0.0404	0.0912	0.0412	0.0903	2	25	
74-83-9	Bromomethane	0.0275	0.00708	0.0276	0.00710	0.02755	0.4	25	J
75-00-3	Chloroethane	0.0221	0.00838	0.0227	0.00860	0.0224	3	25	J
107-02-8	Acrolein	0.291	0.127	0.299	0.131	0.295	3	25	J
67-64-1	Acetone	10.2	4.29	10.4	4.37	10.3	2	25	
75-69-4	Trichlorofluoromethane	1.16	0.206	1.17	0.208	1.165	0.9	25	
75-35-4	1,1-Dichloroethene	0.043	0.011	0.043	0.011	-	-	25	U
75-09-2	Methylene Chloride	0.497	0.143	0.500	0.144	0.4985	0.6	25	B
76-13-1	Trichlorotrifluoroethane	0.471	0.0614	0.482	0.0629	0.4765	2	25	
156-60-5	trans-1,2-Dichloroethene	0.043	0.011	0.043	0.011	-	-	25	U
75-34-3	1,1-Dichloroethane	0.043	0.011	0.043	0.011	-	-	25	U
1634-04-4	Methyl tert-Butyl Ether	0.043	0.012	0.043	0.012	-	-	25	U
156-59-2	cis-1,2-Dichloroethene	0.043	0.011	0.043	0.011	-	-	25	U
67-66-3	Chloroform	0.0861	0.0176	0.0879	0.0180	0.087	2	25	J
107-06-2	1,2-Dichloroethane	0.0995	0.0246	0.101	0.0249	0.10025	1	25	
71-55-6	1,1,1-Trichloroethane	0.043	0.0079	0.043	0.0079	-	-	25	U
71-43-2	Benzene	0.732	0.229	0.735	0.230	0.7335	0.4	25	
56-23-5	Carbon Tetrachloride	0.403	0.0641	0.403	0.0640	0.403	0	25	
78-87-5	1,2-Dichloropropane	0.0264	0.00572	0.0271	0.00586	0.02675	3	25	J
75-27-4	Bromodichloromethane	0.043	0.0065	0.043	0.0065	-	-	25	U
79-01-6	Trichloroethene	0.043	0.0081	0.043	0.0081	-	-	25	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

LABORATORY DUPLICATE SUMMARY RESULTS

Page 2 of 2

Client: Tetra Tech, Inc.
Client Sample ID: MA-IAQ-03
Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521
 ALS Sample ID: P2301521-007DUP

Test Code: EPA TO-15 SIM
 Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19
 Analyst: Chase Griffin
 Sample Type: 6.0 L Summa Canister
 Test Notes:
 Container ID: AC02277

Date Collected: 3/24/23
 Date Received: 4/4/23
 Date Analyzed: 4/11/23
 Volume(s) Analyzed: 1.00 Liter(s)

Initial Pressure (psig): -1.47 Final Pressure (psig): 3.70
 Initial Pressure 2 (psig): -0.250 Final Pressure 2 (psig): 3.240

Container Dilution Factor: 1.73

CAS #	Compound	Sample Result		Duplicate Sample Result		Average µg/m ³	% RPD	RPD Limit	Data Qualifier
		µg/m ³	ppbV	µg/m ³	ppbV				
123-91-1	1,4-Dioxane	0.17	0.048	0.17	0.048	-	-	25	U
10061-01-5	cis-1,3-Dichloropropene	0.087	0.019	0.087	0.019	-	-	25	U
10061-02-6	trans-1,3-Dichloropropene	0.087	0.019	0.087	0.019	-	-	25	U
79-00-5	1,1,2-Trichloroethane	0.17	0.032	0.17	0.032	-	-	25	U
108-88-3	Toluene	1.90	0.505	1.95	0.518	1.925	3	25	B
124-48-1	Dibromochloromethane	0.043	0.0051	0.043	0.0051	-	-	25	U
106-93-4	1,2-Dibromoethane	0.043	0.0056	0.043	0.0056	-	-	25	U
127-18-4	Tetrachloroethene	0.0747	0.0110	0.0754	0.0111	0.07505	0.9	25	
108-90-7	Chlorobenzene	0.17	0.038	0.17	0.038	-	-	25	U
100-41-4	Ethylbenzene	0.197	0.0453	0.200	0.0461	0.1985	2	25	
179601-23-1	m,p-Xylenes	0.795	0.183	0.802	0.185	0.7985	0.9	25	
100-42-5	Styrene	0.0942	0.0221	0.0954	0.0224	0.0948	1	25	J
95-47-6	o-Xylene	0.275	0.0634	0.280	0.0644	0.2775	2	25	
79-34-5	1,1,2,2-Tetrachloroethane	0.043	0.0063	0.043	0.0063	-	-	25	U
108-67-8	1,3,5-Trimethylbenzene	0.0794	0.0161	0.0803	0.0163	0.07985	1	25	J
95-63-6	1,2,4-Trimethylbenzene	0.331	0.0674	0.348	0.0707	0.3395	5	25	
541-73-1	1,3-Dichlorobenzene	0.043	0.0072	0.043	0.0072	-	-	25	U
106-46-7	1,4-Dichlorobenzene	0.043	0.0072	0.043	0.0072	-	-	25	U
95-50-1	1,2-Dichlorobenzene	0.043	0.0072	0.043	0.0072	-	-	25	U
96-12-8	1,2-Dibromo-3-chloropropane	0.17	0.018	0.17	0.018	-	-	25	U
120-82-1	1,2,4-Trichlorobenzene	0.087	0.012	0.087	0.012	-	-	25	U
91-20-3	Naphthalene	0.0955	0.0182	0.0933	0.0178	0.0944	2	25	J
87-68-3	Hexachlorobutadiene	0.17	0.016	0.17	0.016	-	-	25	U

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

J = The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.

B = Analyte detected in both the sample and associated method blank.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

Method Blank Summary

Test Code: EPA TO-15 SIM

Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19

Analyst: Chase Griffin

Sample Type: 6.0 L Summa Canister(s)

Test Notes:

Lab File ID: 04112320.D

Date Analyzed: 4/11/23

Time Analyzed: 16:24

Client Sample ID	ALS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P230411-LCS	04112321.D	16:55
Duplicate Lab Control Sample	P230411-DLCS	04112322.D	17:26
MA-SV-01	P2301521-001	04112324.D	18:28
MA-SV-03	P2301521-003	04112325.D	18:59
MA-SV-04	P2301521-004	04112330.D	21:38
MA-IAQ-01	P2301521-005	04112331.D	22:16
MA-IAQ-02	P2301521-006	04112332.D	22:48
MA-IAQ-03	P2301521-007	04112333.D	23:20
MA-IAQ-03 (Lab Duplicate)	P2301521-007DUP	04112334.D	23:53

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

Method Blank Summary

Test Code: EPA TO-15 SIM

Instrument ID: Tekmar AUTOCAN/Agilent 5973N/HP6890A/MS19

Analyst: Chase Griffin

Sample Type: 6.0 L Silonite Canister(s)

Test Notes:

Lab File ID: 04122304.D

Date Analyzed: 4/12/23

Time Analyzed: 02:21

Client Sample ID	ALS Sample ID	Lab File ID	Time Analyzed
Lab Control Sample	P230412-LCS	04122305.D	02:51
Duplicate Lab Control Sample	P230412-DLCS	04122306.D	03:22
MA-IAQ-04	P2301521-008	04122308.D	09:32
MA-IAQ-05	P2301521-009	04122309.D	10:05
MA-IAQ-05-DUPE	P2301521-010	04122310.D	10:37
MA-IAQ-06	P2301521-011	04122311.D	11:09
MA-AA-01	P2301521-012	04122312.D	11:42

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

Internal Standard Area and RT Summary

Test Code: EPA TO-15 SIM

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/7890A/MS19

Lab File ID: 04112318.D

Analyst: Chase Griffin

Date Analyzed: 4/11/23

Sample Type: 6.0 L Summa Canister(s)

Time Analyzed: 14:52

Test Notes:

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA	#	RT	#	AREA	#
24 Hour Standard	53832		9.73		253739	11.69
Upper Limit	75365		10.06		355235	12.02
Lower Limit	32299		9.40		152243	11.36

Client Sample ID		IS1 (BCM)	IS2 (DFB)	IS3 (CBZ)
		AREA	RT	AREA
01	Method Blank	47187	9.74	164571
02	Lab Control Sample	48339	9.73	225279
03	Duplicate Lab Control Sample	48255	9.73	226808
04	MA-SV-01	48762	9.73	228190
05	MA-SV-03	60443	9.74	305260
06	MA-SV-04	63740	9.73	315930
07	MA-IAQ-01	60360	9.73	284173
08	MA-IAQ-02	59049	9.73	270433
09	MA-IAQ-03	59369	9.73	278307
10	MA-IAQ-03 (Lab Duplicate)	58495	9.73	272030
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits. See case narrative.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Page 1 of 1

Client: Tetra Tech, Inc.

Client Project ID: THE MADISON APARTMENTS / 103Z737736

ALS Project ID: P2301521

Internal Standard Area and RT Summary

Test Code: EPA TO-15 SIM

Instrument ID: Tekmar AUTOCAN/Agilent 5975Cinert/7890A/MS19

Lab File ID: 04122302.D

Analyst: Chase Griffin

Date Analyzed: 4/12/23

Sample Type: 6.0 L Summa Canister(s)

Time Analyzed: 01:16

Test Notes:

	IS1 (BCM)		IS2 (DFB)		IS3 (CBZ)	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
24 Hour Standard	54187	9.73	259643	11.68		
Upper Limit	75862	10.06	363500	12.01	0	0.33
Lower Limit	32512	9.40	155786	11.35	0	-0.33

Client Sample ID		IS1 (BCM)	IS2 (DFB)	IS3 (CBZ)
01	Method Blank	50118	9.74	195424 11.69
02	Lab Control Sample	51125	9.73	244516 11.69
03	Duplicate Lab Control Sample	51432	9.73	249933 11.69
04	MA-IAQ-04	55315	9.73	239860 11.68
05	MA-IAQ-05	55200	9.73	278790 11.69
06	MA-IAQ-05-DUPE	58440	9.73	293678 11.69
07	MA-IAQ-06	58243	9.73	271727 11.68
08	MA-AA-01			
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = 140% of internal standard area

AREA LOWER LIMIT = 60% of internal standard area

RT UPPER LIMIT = 0.33 minutes of internal standard RT

RT LOWER LIMIT = 0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an I.

I = Internal standard not within the specified limits. See case narrative.

Method Path : I:\MS19\METHODS\
 Method File : S19021323.M
 Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 Last Update : Mon Feb 13 17:05:11 2023
 Response Via : Initial Calibration

Calibration Files

20 =02132305.D 50 =02132306.D 100 =02132307.D 500 =02132308.D 1000=02132309.D 5000=02132310.D 10K =02132311.D
 25K =02132313.D

	Compound	20	50	100	500	1000	5000	10K	25K	Avg	%RSD
1) I	Bromochloromethane...	-----ISTD-----									
2) T	Dichlorodifluo...	2.515	2.814	2.650	2.338	2.439	2.287	2.297	2.107	2.431	9.24
3) T	Chloromethane	0.435	0.414	0.328	0.433	0.468	0.470	0.461	0.345	0.419	13.06
4) T	1,2-Dichloro,1...	1.668	1.845	1.752	1.573	1.617	1.496	1.444	1.215	1.576	12.41
5) T	Vinyl Chloride	1.320	1.438	1.381	1.230	1.254	1.175	1.146	1.000	1.243	11.22
6) T	1,3-Butadiene	0.888	1.076	1.000	1.057	1.195	1.266	1.259	1.167	1.113	11.87
7) T	Bromomethane	0.963	1.038	0.974	0.892	0.924	0.901	0.915	0.831	0.930	6.68
8) T	Chloroethane	0.672	0.762	0.726	0.658	0.693	0.672	0.682	0.622	0.686	6.22
9) T	Acrolein	0.530	0.555	0.541	0.508	0.563	0.588	0.596	0.549	0.554	5.24
10) T	Acetone	0.803	0.846	0.741	0.639	0.679	0.690	0.680	0.739	0.727	9.55
11) T	Trichlorofluor...	1.923	2.135	2.022	1.816	1.900	1.852	1.881	1.756	1.911	6.26
12) T	1,1-Dichloroet...	1.001	1.103	1.047	0.968	1.037	1.093	1.136	1.079	1.058	5.25
13) T	Methylene Chlo...	1.300	1.399	1.303	1.171	1.223	1.208	1.227	1.145	1.247	6.63
14) T	Trichlorotrifl...	1.059	1.148	1.011	0.987	1.025	1.035	1.070	0.979	1.039	5.22
15) T	trans-1,2-Dich...	1.103	1.224	1.145	1.065	1.132	1.173	1.223	1.149	1.152	4.77
16) T	1,1-Dichloroet...	1.725	1.962	1.800	1.710	1.804	1.799	1.807	1.651	1.782	5.19
17) T	Methyl tert-Bu...	2.324	2.633	2.537	2.525	2.917	3.295	3.540	3.355	2.891	15.73
18) T	cis-1,2-Dichlo...	1.075	1.202	1.119	1.076	1.166	1.234	1.277	1.187	1.167	6.27
19) T	Chloroform	1.979	2.217	2.054	1.937	2.026	2.034	2.048	1.858	2.019	5.15
20) S	1,2-Dichloroet...	1.653	1.666	1.623	1.656	1.651	1.611	1.576	1.499	1.617	3.48
21) T	1,2-Dichloroet...	1.421	1.602	1.538	1.407	1.476	1.449	1.450	1.316	1.458	5.89
22) T	1,1,1-Trichlor...	1.757	1.961	1.853	1.720	1.817	1.828	1.895	1.785	1.827	4.22
23) T	Benzene	4.740	4.874	4.529	4.118	4.408	4.498	4.615	4.319	4.513	5.28
24) T	Carbon Tetrach...	1.453	1.605	1.523	1.413	1.497	1.530	1.595	1.528	1.518	4.26
25) I	1,4-Difluorobenzen...	-----ISTD-----									
26) T	1,2-Dichloropr...	0.233	0.268	0.252	0.226	0.237	0.236	0.236	0.219	0.238	6.37
27) T	Bromodichlorom...	0.339	0.375	0.347	0.314	0.332	0.340	0.346	0.325	0.340	5.33
28) T	Trichloroethene	0.285	0.312	0.287	0.267	0.282	0.283	0.291	0.284	0.286	4.36
29) T	1,4-Dioxane	0.168	0.190	0.181	0.163	0.185	0.223	0.234	0.227	0.196	14.11
30) T	cis-1,3-Dichlo...	0.256	0.314	0.302	0.293	0.333	0.384	0.400	0.371	0.331	15.07
31) T	trans-1,3-Dich...	0.177	0.233	0.239	0.238	0.283	0.347	0.370	0.357	0.281	25.12
32) T	1,1,2-Trichlor...	0.212	0.240	0.224	0.200	0.210	0.209	0.210	0.198	0.213	6.35
33) S	Toluene-d8 (SS2)	0.985	0.977	0.963	0.923	0.927	0.938	0.941	0.941	0.949	2.42
34) T	Toluene	1.036	1.129	1.044	0.933	1.007	1.063	1.071	0.975	1.032	5.85
35) T	Dibromochlorom...	0.240	0.269	0.250	0.229	0.246	0.267	0.279	0.270	0.256	6.86
36) T	1,2-Dibromoethane	0.240	0.285	0.270	0.242	0.259	0.274	0.284	0.272	0.266	6.53
37) T	Tetrachloroethene	0.299	0.328	0.306	0.265	0.275	0.278	0.287	0.282	0.290	6.97
38) I	Chlorobenzene-d5 (...)	-----ISTD-----									
39) T	Chlorobenzene	5.044	5.528	5.208	4.595	4.823	5.015	5.234	4.906	5.044	5.65
40) T	Ethylbenzene	5.780	6.428	6.156	6.265	7.309	8.451	8.766	7.793	7.118	15.84
41) T	m,p-Xylene	4.854	5.455	5.564	5.253	6.129	6.857	7.078	6.028	5.902	13.12

USA 2/15/23

Method Path : I:\MS19\METHODS\
Method File : S19021323.M

Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)

42)	T	Styrene	2.673	2.679	2.894	3.726	5.056	5.426	5.058	3.930	31.23
43)	T	o-Xylene	2.023	2.330	2.347	2.612	3.038	3.420	3.569	3.298	20.43
44)	T	1,1,2,2-Tetrac...	2.629	3.041	2.979	2.737	2.968	3.100	3.137	2.811	6.20
45)	S	Bromofluoroben...	1.130	1.135	1.143	1.236	1.268	1.321	1.342	1.283	6.97
46)	T	1,3,5-Trimethy...	3.796	4.533	4.786	5.495	6.464	7.475	7.762	6.843	24.71
47)	T	1,2,4-Trimethy...	3.485	4.357	4.612	5.293	6.473	7.878	8.206	6.447	28.98
48)	T	1,3-Dichlorobe...	3.199	3.902	3.932	3.463	3.821	4.267	4.528	4.244	11.14
49)	T	1,4-Dichlorobe...	3.188	3.844	3.824	3.248	3.586	4.091	4.282	4.089	10.61
50)	T	1,2-Dichlorobe...	3.321	3.939	3.934	3.399	3.732	4.186	4.435	4.059	9.78
51)	T	1,2-Dibromo-3-...	0.889	1.097	1.122	0.950	1.114	1.413	1.520	1.499	20.42
52)	T	1,2,4-Trichlor...	2.508	2.704	2.618	1.849	1.917	2.600	2.870	2.813	15.67
53)	T	Naphthalene	5.779	6.948	7.104	4.232	4.806	7.580	8.088	7.593	21.69
54)	T	Hexachlorobuta...	1.886	2.035	1.918	1.647	1.541	1.714	1.833	1.875	8.90

(#) = Out of Range

Data File : I:\MS19\DATA\2023 04\11\04112318.D
 Acq On : 11 Apr 2023 14:52
 Sample : CCV2 S19041123 1000pg
 Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
 Operator: CG
 Inst : MS19

CG 4/11/23

Quant Time: Apr 11 15:16:43 2023
 Quant Method : I:\MS19\METHODS\S19021323A.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Tue Mar 07 10:13:00 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15SIM.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev (min)
1 I	Bromochloromethane (IS1)	1.000	1.000	0.0	82	-0.02
2 T	Dichlorodifluoromethane (CF	2.431	2.575	-5.9	87	0.02
3 T	Chloromethane	0.457	0.475	-3.9	84	0.02
4 T	1,2-Dichloro,1,1,2,2-tetra	1.576	1.451	7.9	74	0.01
5 T	Vinyl Chloride	1.250	1.260	-0.8	83	0.01
6 T	1,3-Butadiene	1.113	0.868	22.0	60	0.00
7 T	Bromomethane	0.929	1.017	-9.5	90	0.00
8 T	Chloroethane	0.686	0.776	-13.1	92	0.00
9 T	Acrolein	0.554	0.617	-11.4	90	-0.02
10 T	Acetone	0.727	0.749	-3.0	91	-0.02
11 T	Trichlorofluoromethane	1.910	2.100	-9.9	91	0.00
12 T	1,1-Dichloroethene	1.057	1.117	-5.7	89	0.00
13 T	Methylene Chloride	1.247	1.367	-9.6	92	-0.03
14 T	Trichlorotrifluoroethane	1.039	1.153	-11.0	92	0.00
15 T	trans-1,2-Dichloroethene	1.152	1.187	-3.0	86	-0.02
16 T	1,1-Dichloroethane	1.782	1.925	-8.0	88	-0.02
17 T	Methyl tert-Butyl Ether	2.890	2.893	-0.1	81	0.00
18 T	cis-1,2-Dichloroethene	1.167	1.227	-5.1	86	-0.02
19 T	Chloroform	2.019	2.198	-8.9	89	-0.03
20 S	1,2-Dichloroethane-d4 (SS1)	1.617	1.530	5.4	76	-0.02
21 T	1,2-Dichloroethane	1.457	1.490	-2.3	83	-0.02
22 T	1,1,1-Trichloroethane	1.827	1.977	-8.2	89	-0.02
23 T	Benzene	4.512	4.789	-6.1	89	-0.01
24 T	Carbon Tetrachloride	1.518	1.645	-8.4	90	-0.01
25 I	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	88	-0.01
26 T	1,2-Dichloropropane	0.238	0.238	0.0	88	-0.01
27 T	Bromodichloromethane	0.340	0.336	1.2	89	-0.01
28 T	Trichloroethene	0.286	0.296	-3.5	92	-0.01
29 T	1,4-Dioxane	0.196	0.169	13.8	80	0.00
30 T	cis-1,3-Dichloropropene	0.331	0.326	1.5	86	0.00
31 T	trans-1,3-Dichloropropene	0.280	0.273	2.5	85	0.00
32 T	1,1,2-Trichloroethane	0.213	0.215	-0.9	90	0.00
33 S	Toluene-d8 (SS2)	0.949	0.908	4.3	86	0.00
34 T	Toluene	1.032	1.038	-0.6	91	0.00
35 T	Dibromochloromethane	0.256	0.260	-1.6	93	0.00
36 T	1,2-Dibromoethane	0.266	0.267	-0.4	91	0.00
37 T	Tetrachloroethene	0.290	0.289	0.3	92	0.00
38 T	Chlorobenzene	0.736	0.720	2.2	92	0.00
39 T	Ethylbenzene	1.037	0.991	4.4	84	0.00
40 T	m,p-Xylene	0.858	0.901	-5.0	91	0.00
41 T	Styrene	0.571	0.525	8.1	87	0.00
42 T	o-Xylene	0.412	0.454	-10.2	92	0.00
43 T	1,1,2,2-Tetrachloroethane	0.427	0.442	-3.5	92	0.00
44 S	Bromofluorobenzene (SS3)	0.180	0.187	-3.9	91	0.00
45 T	1,3,5-Trimethylbenzene	0.857	0.979	-14.2	94	0.00
46 T	1,2,4-Trimethylbenzene	0.849	0.956	-12.6	91	0.00
47 T	1,3-Dichlorobenzene	0.572	0.619	-8.2	100	0.00
48 T	1,4-Dichlorobenzene	0.550	0.586	-6.5	101	0.00
49 T	1,2-Dichlorobenzene	0.565	0.592	-4.8	98	0.00
50 T	1,2-Dibromo-3-chloropropane	0.175	0.182	-4.0	101	0.00
51 T	1,2,4-Trichlorobenzene	0.363	0.317	12.7	102	0.00
52 T	Naphthalene	0.952	0.924	2.9	119	0.00
53 T	Hexachlorobutadiene	0.264	0.254	3.8	102	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS19\DATA\2023 04\11\04112318.D
 Acq On : 11 Apr 2023 14:52
 Sample : CCV2 S19041123 1000pg
 Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
 Operator: CG
 Inst : MS19

Quant Time: Apr 11 15:16:43 2023
 Quant Method : I:\MS19\METHODS\S19021323A.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Tue Mar 07 10:13:00 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15SIM.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range	SPCC's out = 0		CCC's out = 0	

Data File : I:\MS19\DATA\2023 04\11\04112318.D
 Acq On : 11 Apr 2023 14:52
 Sample : CCV2 S19041123 1000pg
 Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
 Operator: CG
 Inst : MS19

CG 4/11/23

Quant Time: Apr 11 15:16:43 2023
 Quant Method : I:\MS19\METHODS\S19021323A.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Tue Mar 07 10:13:00 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15SIM.M

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane (IS1)	9.73	130	53832	1000.000	pg	-0.02
25) 1,4-Difluorobenzene (IS2)	11.69	114	253739	1000.000	pg	-0.01

System Monitoring Compounds

20) 1,2-Dichloroethane-d4 ...	10.51	65	82354	946.299	pg	-0.02
Spiked Amount 1000.000	Range 70	- 130	Recovery =	94.63%		
33) Toluene-d8 (SS2)	14.12	98	230321	956.104	pg	0.00
Spiked Amount 1000.000	Range 70	- 130	Recovery =	95.61%		
44) Bromofluorobenzene (SS3)	17.53	174	47423	1040.304	pg	0.00
Spiked Amount 1000.000	Range 70	- 130	Recovery =	104.03%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethan...	4.39	85	146927	1122.861	pg	100
3) Chloromethane	4.61	52	26316	1070.686	pg	98
4) 1,2-Dichloro,1,1,2,2-t...	4.78	85	81234	957.370	pg	100
5) Vinyl Chloride	4.91	62	68482	1017.392	pg	99
6) 1,3-Butadiene	5.10	54	49534	826.606	pg	96
7) Bromomethane	5.43	94	55826	1115.705	pg	100
8) Chloroethane	5.66	64	43022	1165.682	pg	99
9) Acrolein	6.23	56	64091	2150.682	pg	100
10) Acetone	6.37	58	212415	5427.653	pg	# 87
11) Trichlorofluoromethane	6.58	101	117584	1143.538	pg	100
12) 1,1-Dichloroethene	7.31	96	64968	1141.540	pg	95
13) Methylene Chloride	7.44	84	78026	1162.109	pg	93
14) Trichlorotrifluoroethane	7.77	151	67039	1198.340	pg	100
15) trans-1,2-Dichloroethene	8.48	96	69004	1112.937	pg	100
16) 1,1-Dichloroethane	8.69	63	110898	1156.086	pg	100
17) Methyl tert-Butyl Ether	8.77	73	166623	1070.840	pg	99
18) cis-1,2-Dichloroethene	9.57	96	69992	1114.152	pg	100
19) Chloroform	9.87	83	125409	1153.847	pg	100
21) 1,2-Dichloroethane	10.62	62	86638	1104.259	pg	100
22) 1,1,1-Trichloroethane	10.89	97	111765	1136.444	pg	100
23) Benzene	11.34	78	275854	1135.749	pg	100
24) Carbon Tetrachloride	11.49	117	92073	1126.880	pg	100
26) 1,2-Dichloropropane	12.16	63	63402	1048.203	pg	100
27) Bromodichloromethane	12.33	83	91158	1057.471	pg	100
28) Trichloroethene	12.39	130	78859	1085.645	pg	100
29) 1,4-Dioxane	12.36	88	45484	913.632	pg	99
30) cis-1,3-Dichloropropene	13.23	75	89283	1061.800	pg	100
31) trans-1,3-Dichloropropene	13.75	75	70536	991.243	pg	100
32) 1,1,2-Trichloroethane	13.92	83	57933	1072.406	pg	97
34) Toluene	14.23	91	276632	1056.213	pg	99
35) Dibromochloromethane	14.64	129	71297	1096.733	pg	100
36) 1,2-Dibromoethane	14.89	107	70373	1043.990	pg	100
37) Tetrachloroethene	15.38	166	77763	1056.330	pg	99
38) Chlorobenzene	16.08	112	193758	1037.122	pg	100
39) Ethylbenzene	16.46	91	264045	1003.539	pg	99
40) m,p-Xylene	16.63	91	480057	2204.219	pg	100
41) Styrene	16.99	104	141320	976.032	pg	99
42) o-Xylene	17.10	106	121989	1167.339	pg	98
43) 1,1,2,2-Tetrachloroethane	17.07	83	118803	1097.501	pg	100
45) 1,3,5-Trimethylbenzene	18.36	105	263357	1211.114	pg	98
46) 1,2,4-Trimethylbenzene	18.75	105	254644	1181.463	pg	99
47) 1,3-Dichlorobenzene	18.90	146	166355	1147.176	pg	100
48) 1,4-Dichlorobenzene	18.96	146	157517	1128.937	pg	100
49) 1,2-Dichlorobenzene	19.29	146	160619	1119.789	pg	100
50) 1,2-Dibromo-3-chloropr...	19.70	157	96717	2177.715	pg	96
51) 1,2,4-Trichlorobenzene	20.92	182	168165	1824.845	pg	100
52) Naphthalene	21.04	128	257886	1067.481	pg	100
53) Hexachlorobutadiene	21.38	225	68383	1021.440	pg	100

Data File : I:\MS19\DATA\2023 04\11\04112318.D
Acq On : 11 Apr 2023 14:52
Sample : CCV2 S19041123 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
Operator: CG
Inst : MS19

Quant Time: Apr 11 15:16:43 2023
Quant Method : I:\MS19\METHODS\S19021323A.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M

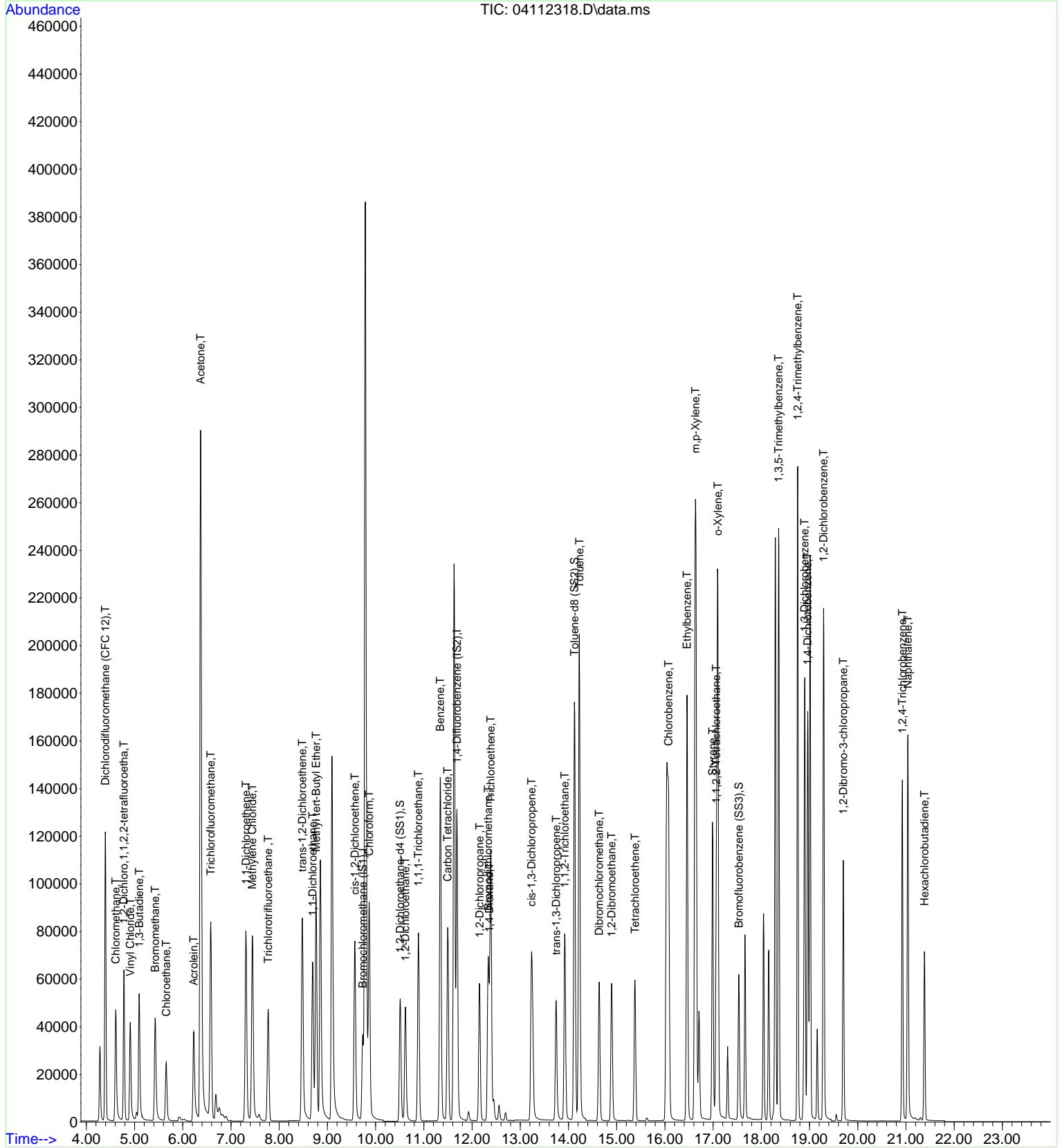
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : I:\MS19\DATA\2023 04\11\04112318.D
Acq On : 11 Apr 2023 14:52
Sample : CCV2 S19041123 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
Operator: CG
Inst : MS19

Quant Time: Apr 11 15:16:43 2023
Quant Method : I:\MS19\METHODS\S19021323A.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M



Data File : I:\MS19\DATA\2023 04\11\04122302.D
 Acq On : 12 Apr 2023 1:16
 Sample : CCV S19041223 1000pg
 Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
 Operator: CG
 Inst : MS19

CG 4/12/23

Quant Time: Apr 12 08:24:13 2023
 Quant Method : I:\MS19\METHODS\S19021323A.M
 Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
 QLast Update : Tue Mar 07 10:13:00 2023
 Response via : Initial Calibration
 DataAcq Meth:TO15SIM.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev (min)
1 I	Bromochloromethane (IS1)	1.000	1.000	0.0	83	-0.03
2 T	Dichlorodifluoromethane (CF	2.431	2.526	-3.9	86	0.00
3 T	Chloromethane	0.457	0.455	0.4	81	0.00
4 T	1,2-Dichloro,1,1,2,2-tetra	1.576	1.373	12.9	70	0.00
5 T	Vinyl Chloride	1.250	1.191	4.7	79	0.00
6 T	1,3-Butadiene	1.113	1.209	-8.6	84	0.00
7 T	Bromomethane	0.929	1.008	-8.5	90	0.00
8 T	Chloroethane	0.686	0.776	-13.1	93	0.00
9 T	Acrolein	0.554	0.637	-15.0	94	-0.03
10 T	Acetone	0.727	0.745	-2.5	91	-0.03
11 T	Trichlorofluoromethane	1.910	2.083	-9.1	91	-0.01
12 T	1,1-Dichloroethene	1.057	1.182	-11.8	94	-0.02
13 T	Methylene Chloride	1.247	1.371	-9.9	93	-0.04
14 T	Trichlorotrifluoroethane	1.039	1.189	-14.4	96	-0.02
15 T	trans-1,2-Dichloroethene	1.152	1.249	-8.4	91	-0.02
16 T	1,1-Dichloroethane	1.782	1.966	-10.3	90	-0.03
17 T	Methyl tert-Butyl Ether	2.890	3.163	-9.4	90	0.00
18 T	cis-1,2-Dichloroethene	1.167	1.308	-12.1	93	-0.02
19 T	Chloroform	2.019	2.205	-9.2	90	-0.03
20 S	1,2-Dichloroethane-d4 (SS1)	1.617	1.488	8.0	74	-0.02
21 T	1,2-Dichloroethane	1.457	1.488	-2.1	83	-0.02
22 T	1,1,1-Trichloroethane	1.827	1.990	-8.9	90	-0.02
23 T	Benzene	4.512	4.935	-9.4	93	-0.01
24 T	Carbon Tetrachloride	1.518	1.647	-8.5	91	-0.01
25 I	1,4-Difluorobenzene (IS2)	1.000	1.000	0.0	90	-0.02
26 T	1,2-Dichloropropane	0.238	0.238	0.0	90	-0.01
27 T	Bromodichloromethane	0.340	0.331	2.6	90	-0.01
28 T	Trichloroethene	0.286	0.296	-3.5	94	-0.01
29 T	1,4-Dioxane	0.196	0.181	7.7	88	0.00
30 T	cis-1,3-Dichloropropene	0.331	0.340	-2.7	92	0.00
31 T	trans-1,3-Dichloropropene	0.280	0.288	-2.9	92	0.00
32 T	1,1,2-Trichloroethane	0.213	0.214	-0.5	92	0.00
33 S	Toluene-d8 (SS2)	0.949	0.931	1.9	90	0.00
34 T	Toluene	1.032	1.068	-3.5	95	-0.01
35 T	Dibromochloromethane	0.256	0.257	-0.4	94	0.00
36 T	1,2-Dibromoethane	0.266	0.270	-1.5	94	0.00
37 T	Tetrachloroethene	0.290	0.291	-0.3	95	0.00
38 T	Chlorobenzene	0.736	0.736	0.0	96	0.00
39 T	Ethylbenzene	1.037	1.066	-2.8	92	0.00
40 T	m,p-Xylene	0.858	0.928	-8.2	96	0.00
41 T	Styrene	0.571	0.576	-0.9	98	0.00
42 T	o-Xylene	0.412	0.469	-13.8	98	0.00
43 T	1,1,2,2-Tetrachloroethane	0.427	0.435	-1.9	93	0.00
44 S	Bromofluorobenzene (SS3)	0.180	0.192	-6.7	96	0.00
45 T	1,3,5-Trimethylbenzene	0.857	1.005	-17.3	98	0.00
46 T	1,2,4-Trimethylbenzene	0.849	0.991	-16.7	97	0.00
47 T	1,3-Dichlorobenzene	0.572	0.616	-7.7	102	0.00
48 T	1,4-Dichlorobenzene	0.550	0.594	-8.0	105	0.00
49 T	1,2-Dichlorobenzene	0.565	0.592	-4.8	100	0.00
50 T	1,2-Dibromo-3-chloropropane	0.175	0.182	-4.0	103	0.00
51 T	1,2,4-Trichlorobenzene	0.363	0.336	7.4	111	0.00
52 T	Naphthalene	0.952	0.955	-0.3	126	0.00
53 T	Hexachlorobutadiene	0.264	0.262	0.8	107	0.00

Evaluate Continuing Calibration Report

Data File : I:\MS19\DATA\2023 04\11\04122302.D
Acq On : 12 Apr 2023 1:16
Sample : CCV S19041223 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
Operator: CG
Inst : MS19

Quant Time: Apr 12 08:24:13 2023
Quant Method : I:\MS19\METHODS\S19021323A.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range	SPCC's out = 0		CCC's out = 0	

Data File : I:\MS19\DATA\2023 04\11\04122302.D
Acq On : 12 Apr 2023 1:16
Sample : CCV S19041223 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

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CG 4/12/23

Quant Time: Apr 12 08:24:13 2023
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Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) Bromochloromethane (IS1)	9.73	130	54187	1000.000	pg	-0.03
25) 1,4-Difluorobenzene (IS2)	11.68	114	259643	1000.000	pg	-0.02

System Monitoring Compounds

20) 1,2-Dichloroethane-d4 ...	10.50	65	80655	920.705	pg	-0.02
Spiked Amount	1000.000	Range	70 - 130	Recovery	=	92.07%
33) Toluene-d8 (SS2)	14.12	98	241722	980.615	pg	0.00
Spiked Amount	1000.000	Range	70 - 130	Recovery	=	98.06%
44) Bromofluorobenzene (SS3)	17.53	174	49757	1066.684	pg	0.00
Spiked Amount	1000.000	Range	70 - 130	Recovery	=	106.67%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethan...	4.38	85	145071	1101.414	pg	100
3) Chloromethane	4.60	52	25411	1027.092	pg	99
4) 1,2-Dichloro,1,1,2,2-t...	4.77	85	77384	906.022	pg	100
5) Vinyl Chloride	4.90	62	65182	962.022	pg	99
6) 1,3-Butadiene	5.09	54	69440	1151.199	pg	94
7) Bromomethane	5.42	94	55693	1105.755	pg	100
8) Chloroethane	5.65	64	43317	1165.986	pg	100
9) Acrolein	6.22	56	66649	2221.868	pg	100
10) Acetone	6.36	58	212705	5399.456	pg	# 86
11) Trichlorofluoromethane	6.57	101	117405	1134.317	pg	100
12) 1,1-Dichloroethene	7.30	96	69144	1206.956	pg	94
13) Methylene Chloride	7.44	84	78751	1165.222	pg	91
14) Trichlorotrifluoroethane	7.76	151	69609	1236.128	pg	100
15) trans-1,2-Dichloroethene	8.47	96	73076	1170.891	pg	100
16) 1,1-Dichloroethane	8.69	63	113976	1180.389	pg	100
17) Methyl tert-Butyl Ether	8.76	73	183379	1170.805	pg	99
18) cis-1,2-Dichloroethene	9.56	96	75111	1187.805	pg	100
19) Chloroform	9.86	83	126627	1157.421	pg	100
21) 1,2-Dichloroethane	10.61	62	87070	1102.494	pg	99
22) 1,1,1-Trichloroethane	10.88	97	113232	1143.818	pg	100
23) Benzene	11.34	78	286157	1170.450	pg	100
24) Carbon Tetrachloride	11.49	117	92820	1128.580	pg	100
26) 1,2-Dichloropropane	12.15	63	64928	1049.024	pg	99
27) Bromodichloromethane	12.33	83	92084	1043.923	pg	100
28) Trichloroethene	12.39	130	80610	1084.516	pg	100
29) 1,4-Dioxane	12.36	88	49811	977.797	pg	96
30) cis-1,3-Dichloropropene	13.23	75	95459	1109.434	pg	100
31) trans-1,3-Dichloropropene	13.74	75	76377	1048.920	pg	100
32) 1,1,2-Trichloroethane	13.92	83	58847	1064.555	pg	96
34) Toluene	14.22	91	291037	1085.945	pg	99
35) Dibromochloromethane	14.64	129	72109	1084.001	pg	100
36) 1,2-Dibromoethane	14.89	107	72832	1055.901	pg	100
37) Tetrachloroethene	15.38	166	80088	1063.175	pg	99
38) Chlorobenzene	16.08	112	202503	1059.283	pg	100
39) Ethylbenzene	16.46	91	290679	1079.644	pg	99
40) m,p-Xylene	16.63	91	505929	2270.189	pg	100
41) Styrene	16.99	104	158420	1069.254	pg	99
42) o-Xylene	17.10	106	129158	1207.836	pg	97
43) 1,1,2,2-Tetrachloroethane	17.07	83	119608	1079.812	pg	100
45) 1,3,5-Trimethylbenzene	18.36	105	276697	1243.527	pg	98
46) 1,2,4-Trimethylbenzene	18.75	105	270143	1224.873	pg	99
47) 1,3-Dichlorobenzene	18.90	146	169674	1143.458	pg	99
48) 1,4-Dichlorobenzene	18.96	146	163401	1144.479	pg	99
49) 1,2-Dichlorobenzene	19.29	146	164594	1121.409	pg	100
50) 1,2-Dibromo-3-chloropr...	19.70	157	99263	2184.219	pg	94
51) 1,2,4-Trichlorobenzene	20.92	182	182409	1934.404	pg	100
52) Naphthalene	21.04	128	272648	1102.923	pg	100
53) Hexachlorobutadiene	21.39	225	72029	1051.436	pg	100

Data File : I:\MS19\DATA\2023 04\11\04122302.D
Acq On : 12 Apr 2023 1:16
Sample : CCV S19041223 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
Operator: CG
Inst : MS19

Quant Time: Apr 12 08:24:13 2023
Quant Method : I:\MS19\METHODS\S19021323A.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : I:\MS19\DATA\2023 04\11\04122302.D
Acq On : 12 Apr 2023 1:16
Sample : CCV S19041223 1000pg
Misc : S35-02062309/S37-04112306 (5/11)

Vial: 16
Operator: CG
Inst : MS19

Quant Time: Apr 12 08:24:13 2023
Quant Method : I:\MS19\METHODS\S19021323A.M
Quant Title : EPA TO-15 per SOP VOA-TO15 (CASS TO-15/GC-MS)
QLast Update : Tue Mar 07 10:13:00 2023
Response via : Initial Calibration
DataAcq Meth:TO15SIM.M

