FULCRUM
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Hazardous Building Materials Inspection Report

Inlow Hall
One University Boulevard
La Grande, Oregon 997850

Project Number: 223507.00

June 16, 2022

Prepared for:

Eastern Oregon University
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INSPECTOR CERTIFICATION SUMMARY

The following summarizes the relevant professionals and their certification(s) responsible for the completion of field inspection services for this project. See certificates in Appendix A.

Inspector	License Type	License	Expiration
Nick Gulling	AHERA Building Inspector	#184823	4/22/2023
Brayan Rosas	AHERA Building Inspector	#184841	4/22/2023
Roque Reyes	AHERA Building Inspector	#183074	11/24/2022
Ryan Mathews	AHERA Building Inspector	#210397	4/30/2022
	AHERA Project Designer	#184143	3/14/2023
	Certified Hazardous Materials Manager	#14149	1/31/2023
	Certified Industrial Hygienist	#9916	12/1/2026

1.0 INTRODUCTION

This report provides the methods, results, and summary of a supplemental inspection for Hazardous Building Materials (HBM) completed by Fulcrum Environmental Consulting, Inc. (Fulcrum) of the Inlow Hall (Inlow) building located on the Eastern Oregon University (EOU) campus. The EOU campus has a property address of One University Boulevard in La Grande, Oregon. Fulcrum was retained by EOU to provide a HBM Inspection of the Inlow Hall building prior to building modernization. See Figure 1 for Site Location.

On May 2 and May 3, 2022, Roque Reyes, Brayan Rosas, and Nick Gulling, all with Fulcrum completed the HBM inspection. The site inspection was completed under the direction of Ryan K. Mathews, a Certified Industrial Hygienist with Fulcrum. See Appendix A for applicable certifications.

On June 3, 2022, Mr. Reyes returned to Inlow Hall to complete a supplemental inspection.

2.0 SCOPE OF WORK

Fulcrum was retained by EOU, to complete a hazardous building materials (HBM) inspection of Inlow Hall located on the EOU campus in La Grande, Oregon. Fulcrum's inspection was limited to the following HBM:

- Asbestos Containing Materials (ACM)
- Lead Containing Materials (LCM)
- Lighting and Electrical Components (LEC)
- Refrigerant Containing Systems (RCS)
- Polychlorinated Biphenyls (PCBs)

Fulcrum's scope of work consisted of site inspections, material sampling, sample analysis, and reporting. All inspection tasks were completed by accredited, certified, or qualified professionals. Fulcrum did not dismantle onsite equipment to determine if potentially hazardous material components were present.

3.0 PURPOSE

The purpose of this inspection was to identify the presence of ACM, LCM, LEC, RCS, and PCBs within the Inlow Hall building prior to modernization.

4.0 BUILDING DESCRIPTION

Inlow Hall was constructed in 1929. Inlow Hall consists of a partial basement, full first and second floors, and a mezzanine between the second floor and roof elevation. The building has a common center core

and corridors to the east and west of the core. A large patio and a Grand Staircase are located north of the building and connects the campus to the lower elevation in the north.
The building has been renovated during multiple events. Most recently in 2009 during which the first floor was substantially modernized and mechanical systems in the basement were replaced.

The building is constructed of poured in place concrete perimeter walls and interior wood framed walls with plaster finishes. Building drawings identify the use of "Keen's Cement", "Kalamine Doors", suspended metal lathe and plaster ceilings, plaster cove ceiling to wall transitions, blackboards, mason safety treads, etc.

The observed original building finishes consist of concrete and plaster walls, plaster or metal lathe and plaster ceilings, and concrete, fir, or hardwood floors. Restrooms were finished with ceramic floors. Since construction, new building finishes have been introduced during maintenance or improvement projects.

Cold water for the air conditioning (AC) systems throughout the building is delivered from a campus central plant.

The main building entry is to the south and secondary access and associated stairways to the northwest and northeast ends of the building.

Exterior

The building exterior is comprised of painted stucco-type surfacing material on the underlying concrete walls. Tan paint on the exterior stucco of the building is generally in good condition with localized areas of stucco damage and paint wear. Other wood painted surfaces were found to be in poor condition with cracking, flaking and wear occurring. Exterior windows are mostly single pane with wood frames with localized window replacement. Concrete steps and stairways are located on south and north entrances.

The roof is comprised of three separate elevations. The east and west elevations are comprised of flat built-up roof systems. The center elevation is comprised of a flat white single ply membrane roof. All elevations are surrounded by sloped orange clay roofing tile systems. Each elevation is accessed through a hatch and ladder from the mezzanine. Rooftop heating, ventilation, and air conditioning (HVAC) units are on the central roof elevation and exhaust vents were observed on each of the elevations.

Basement

The basement has office spaces, maintenance rooms, classrooms, storage rooms, and a server room. The north and south crawlspace areas in the core of the building were not accessible.

Basement walls and ceilings are comprised of finished plaster and gypsum wallboard. Paint finishes throughout the basement area are generally in good condition. Floors consists of a combination of carpet, vinyl tile, and unfinished concrete. Various sizes of insulated piping is located along the ceiling and above suspended ceiling tiles in the basement.

Lighting is comprised of 4-foot lamps, compound fluorescent lights (CFLs), magnetic and electronic ballasts. HVAC system rooms were found on the east end of the basement.

1st Floor

The first floor contains office spaces, conference rooms, a staff breakroom, a main lobby area, and restrooms.

First floor walls and ceilings are comprised of a combination of finished plaster and gypsum wallboard. Paint finishes throughout the 1st floor area are generally in good condition. Floors are comprised a combination of carpet, sheet vinyl flooring, and ceramic tile. Fiberglass pipe insulation located on pipe systems above suspended ceiling tiles in office rooms.

HVAC systems throughout the first floor were likely updated during the recent modernizations that occurred. Radiators were only observed in the historic entryway that was left intact during building modernizations. Lighting systems included 4-foot lamps, CFLs, electronic and magnetic ballasts.

2nd Floor

The second floor contains office spaces, conference rooms, trustees board room, a staff breakroom, restrooms, storage rooms, maintenance rooms, and a server room. The mezzanine is accessed through a staircase on the north side of the second floor.

Second floor walls and ceilings are comprised of a combination of finished plaster and gypsum wallboard. Painted finishes throughout the 2nd floor area are generally in good condition with localized areas of wear on painted wood surfaces throughout the area. Nailed on 12-inch fibrous wall and ceiling tiles are located in localized offices. Flooring is a combination of carpet, ceramic tile, and sheet vinyl flooring. Fiberglass pipe insulation is present on pipe systems located above suspended ceiling tiles in localized office spaces.

Lighting systems included 4-foot lamps, CFLs, electronic and magnetic ballasts. Radiator units are evident throughout the 2nd floor area and localized office areas have window AC units. HVAC ducting systems are seen throughout the interstitial space between the second floor and the mezzanine

Mezzanine

The mezzanine is comprised of a series of walkways throughout the building footprint. The majority of the mezzanine is comprised of exposed wood and steel framing. Walls are comprised of plaster and unfinished gypsum wallboard. Painted finishes in the mezzanine were generally in good condition. The mezzanine contains both blown-in and batt-type insulations. Heating, Ventilation, and Air Conditioning (HVAC) ducting and various sizes of pipe systems run throughout the mezzanine. Lighting systems included 4-foot lamps, CFLs, electronic and magnetic ballasts.

5.0 ASBESTOS CONTAINING MATERIALS

Asbestos containing materials (ACM) were used extensively from the early 1900s to the late 1970s, when the manufacture of most asbestos products was banned in the U.S. The ban did not include all products nor the use and application of asbestos products. Therefore, suspect ACM may be present in structures

built after the initial ACM ban and in newly constructed facilities. Since the 1990s, importation of building materials from foreign countries, perhaps unknowingly, has resulted in the use of ACM in new construction.

5.1 Regulatory Basis

Asbestos inspection purpose is in compliance with regulatory requirements enforced by local, state and federal agencies, including: Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1926.1101, *Asbestos*; U.S. Environmental Protection Agency (EPA) 40 CFR Part 61, *National Emissions Standard for Hazardous Air Pollutants* (NESHAPs), and 40 CFR Part 763 *Asbestos Hazard Emergency Response Act (AHERA)*; and Oregon Department of Environmental Quality (DEQ) Chapter 340, Division 248: *Asbestos Requirements*. Under these regulations an ACM is defined as any material containing greater than one (1) percent (%) asbestos.

These regulations require the owner to inspect a facility for the presence of ACM prior to undertaking a construction, remodel, renovation, maintenance, or demolition project, and to provide inspection results to affected contractors or employees.

5.2 Sampling Methodology

The asbestos inspection was conducted by the AHERA accredited Building Inspector(s), as specified in pertinent regulatory references.

Fulcrum's ACM sampling method consists of the following tasks:

- Visual inspection of the area of investigation for the presence of suspect ACM, determination of friability, and any damage to highly suspect ACM.
- Identification of homogeneous materials present within the area of investigation and the AHERA classification of the material as either a surfacing material (SUR), thermal system insulation (TSI), or miscellaneous (MSC) material.
- Establishment of the homogeneous material identifier and a description of the homogeneous material, such as, dimensions, color, texture, etc.
- Collection of representative sample(s) of the homogeneous material per AHERA sampling requirements.

5.2.1 Visual Inspection

A visual inspection of all accessible spaces within the building was conducted in accordance with applicable regulatory and industry standards.

5.2.2 Asbestos Hazard Emergency Response Act Material Classification

Under Asbestos Hazard Emergency Response Act (AHERA), suspect ACM are classified as surfacing (SUR), thermal system insulation (TSI), or Miscellaneous (MSC). As defined in AHERA, 40 CFR 763:

"*Surfacing Material*" (SUR) means material in a school building that is sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

"Thermal System Insulation" (TSI) means material in a school building applied to pipes, fittings, boilers, breeching, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.

"Miscellaneous Material" (MSC) means interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include SUR or TSI.

Subsequent revisions and regulatory guidance has applied these definitions to all buildings, regardless of use, and inclusion of exterior ACM based on their material type. For instance, pipe insulation in an exterior tunnel is considered TSI.

5.2.3 Homogeneous Areas

An AHERA material classification was further subdivided into "Homogeneous Areas". Homogeneous Areas are those materials that are consistent throughout a building and are based on color, texture and/or construction era. Identification of suspect building materials using this homogeneous area definition is the current industry standard, and is the process used by federal, state, and local agencies for determining regulatory compliance.

Homogeneous Areas are often then subcategorized into general material type groups or systems, such as vinyl tile, that can be indexed with an abbreviation, such as VT, for ease of reference in summary data tables.

5.2.4 Representative Samples

Fulcrum collected samples of suspect materials per AHERA regulations, the industry standard for both sample collection and analysis. Except where the AHERA accredited Building Inspector has identified a limited quantity of suspect MSC, Fulcrum's standard sampling method requires that analytical results from three (3) samples of each suspect material are collected to determine if a material is non-ACM. Of each suspect ACM, a representative, full depth sample of the material is sampled and placed into a labelled resealable bag.

Where Fulcrum's AHERA accredited Building Inspector identifies a suspect ACM to be unique, the total area/length of the suspect ACM to be limited, or an additional confirmatory sample unlikely useful to conclude a report, less than three may be determined by the inspector to be sufficient.

5.2.5 Friability

Friability is an indicator of a material's potential to release asbestos fibers. Materials are divided into two general friability categories, friable or non-friable.

"*Friable*" means that the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Friable material also includes previously non-friable material that has become damaged to the extent that when dry it may be crumbled, pulverized, or reduced to powder by hand pressure.

"*Non-friable*" materials are defined as materials which when dry may not be crumbled, pulverized, or reduced to a powder by hand pressure.

Friable materials are the most hazardous form of ACM. Their physical composition lends them more susceptible to releasing asbestos fibers into the air when they are disturbed.

Non-friable ACM are generally associated with materials that have the asbestos fibers bound within a protective covering or in an asphalt or concrete/mortar matrix. The release of asbestos fibers by these materials is typically associated with an external force or aggressive action being applied to the material: sawing, grinding, chipping, sanding, etc. Non-friable ACM are considered the less hazardous of these two categories.

The friability of a material is an important consideration when assessing and recommending a material's response action. In addition to the assessment considerations, the friability of a material is important with respect to regulatory compliance. Compliance considerations include, but not limited to, worker certification and protection, engineering controls, notification and disposal requirements.

When determining the friability of a material, Fulcrum inspectors utilize the "hand pressure or touch" test as required by law. However, this friability test was further supplemented by visual observations as to the material's matrix structure and judging whether an external aggressive action (cutting, sawing, grinding, sanding, etc.) would be required to release asbestos fibers. If a non-aggressive action, such as striking or bumping the material with a sharp object, water damage, delamination, etc. is anticipated to release fibers, the material is classified as a friable material by Fulcrum.

5.3 Homogeneous Materials Identified During the Inspection

This section provides an overview of the homogeneous materials located throughout the building. Sections were organized by the areas of the building due to varying elevations in which the materials are located. Materials that are found to be the same composition but are on separate elevations are treated as different homogeneous materials.

The following summary presents the homogeneous materials identified during the inspection by AHERA material classification:

5.3.1 East Roof

SUR: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the east roof as surfacing materials.

TSI: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the east roof as thermal system insulation.

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the east roof as miscellaneous materials and assigned the associated homogeneous abbreviation:

- White painted black roofing material over fibrous layer (RFM-ER-01)
- Built up roofing on sloped roof (RFM-ER-02)
- Gray sealant around exhaust ducts (SEA-ER-01)

5.3.2 Center Roof

SUR: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the center roof as surfacing materials.

TSI: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the center roof as thermal system insulation.

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the center roof as miscellaneous materials and assigned the associated homogeneous abbreviation:

- White tarp layers over gray chalky material over Styrofoam layer (RFM-CR-01)
- Black built up roofing on sloped roof (RFM-CR-02)
- Black built up roofing with tar layer around roof perimeter (RFM-CR-03)
- Gray sealant around exhaust ducts (SEA-CR-01)
- Tan sealant around perimeter (SEA-CR-02)
- Black sealant on center roof corners (SEA-CR-03)

5.3.3 West Roof

SUR: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the west roof as surfacing materials.

TSI: The AHERA accredited Building Inspector(s) did not identify any suspect ACM on the west roof as thermal system insulation.

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the west roof miscellaneous materials and assigned the associated homogeneous abbreviation:

- White painted black roofing material over white fibrous layer (RFM-WR-01)
- Black built up roofing on sloped roof (RFM-WR-02)
- Gray sealant around exhaust ducts (SEA-WR-01)

5.3.4 Mezzanine

SUR: The AHERA accredited Building Inspector(s) classified the following suspect ACM located in the mezzanine as surfacing materials:

- White/light blue rough textured plaster walls (PL-M-01)
- Unfinished plaster walls (PL-M-02)

TSI: The AHERA accredited Building Inspector(s) classified the following suspect ACM located in the mezzanine as thermal system insulation:

- 4-inch white wrap over yellow fiberglass insulation (TSI-M-01)
- 4-inch fiberglass joints, elbows, and tees (TSI-M-02)
- 6-inch white wrap over yellow fiberglass insulation (TSI-M-03)
- 6-inch fiberglass joints, elbows, and tees (TSI-M-04)
- 8-inch white wrap over yellow fiberglass insulation (TSI-M-05)
- 8-inch fiberglass joints, elbows, and tees (TSI-M-06)

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM located in the mezzanine as miscellaneous materials and assigned the associated homogeneous abbreviation:

- Unfinished gypsum wallboard walls (GWB-M-01)
- Residual Brown glue dots on south plaster wall (ADV-M-01)
- Dark gray HVAC duct sealant (SEA-M-01)
- Black tar material on concrete walls (MSC-M-01)

5.3.5 2nd Floor

SUR: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 2nd floor as surfacing materials:

- Granular texture plaster walls (PL-2F-01)
- Granular textured plaster ceilings (PL-2F-02)
- Rough textured plaster walls in staff lounge (PL-2F-03)
- Tan rough dot textured plaster walls (PL-2F-04)
- Tan heavy wavy textured plaster walls (PL-2F-05)

TSI: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 2nd floor as thermal system insulation:

- 6-inch white wrap over yellow fiberglass insulation (TSI-2F-01)
- 4-inch white wrap over yellow fiberglass insulation (TSI-2F-02)
- 4-inch fiberglass joints, elbows, and tees (TSI-2F-03)
- 6-inch fiberglass joints, elbows, and tees (TSI-2F-04)

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 2nd floor as miscellaneous materials and assigned the associated homogeneous abbreviation:

- Tan adhesive underneath tan wallpaper (ADV-2F-01)
- Tan adhesive underneath light blue with white striped carpet (ADV-2F-02)

- Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive (ADV-2F-03)
- Brown glue dot on plaster walls in IT closet (ADV-2F-04)
- Tan adhesive associated with purple multi-colored carpet in storage room 207 (ADV-2F-05)
- Tan adhesive beneath carpet squares in HR room (ADV-2F-06)
- Glued on ceiling tile with large pin holes in room 218 (CT-2F-01)
- 2-foot by 4-foot speckled suspended ceiling tiles (CT-2F-02)
- 2-foot by 4-foot streaked suspended ceiling tile (CT-2F-03)
- 1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office (CT-2F-04)
- 12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll (CT-2F-06)
- 4-inch black floor base with tan adhesive (FB-2F-01)
- Orange peel textured gypsum wallboard walls (GWB-2F-01)
- White smooth textured gypsum wallboard walls (GWB-2F-02)
- Unfinished gypsum wallboard walls (GWB-2F-03)
- Thick textured gypsum wallboard walls (GWB-2F-04**)**
- Orange peel textured gypsum wallboard ceilings (GWB-2F-05)
- Tan rough dot textured gypsum wallboard patch around electrical panel (GWB-2F-06)
- Glued on wall tile with large pin holes in room 218 (MSC-2F-01)
- Tan adhesive beneath blue carpet over black flooring material over gray felt (MSC-2F-02)
- 2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud (MSC-2F-03)
- 4-inch by 4-inch tan ceramic tile in bathroom (MSC-2F-04)
- Chalkboard in payroll office (MSC-2F-05)
- Black sink undercoat (MSC-2F-06)
- Gray speckled sheet vinyl flooring with tan adhesive in University President's office (SVF-2F-01)
- Gray sheet vinyl flooring underneath staff lounge sink (SVF-2F-02)

5.3.6 1st Floor

SUR: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 1st floor as surfacing materials:

- Rough textured plaster ceilings (PL-1F-01)

TSI: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 1st floor as thermal system insulation:

- 6-inch white wrap over yellow fiberglass insulation (TSI-1F-01)
- 6-inch fiberglass joints, elbows, and tees (TSI-1F-02)

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM on the 1st floor as miscellaneous materials and assigned the associated homogeneous abbreviation:

- Tan adhesive associated with multi-colored carpet (ADV-1F-01)
- Adhesive associated with dark gray carpet (ADV-1F-02)
- 2-foot by 4-foot rough textured ceiling tile (CT-1F-01)

- 4-inch dark gray floor base (FB-1F-01)
- Rough textured gypsum wallboard walls (GWB-1F-01)
- White smooth textured gypsum wallboard walls (GWB-1F-02)
- Light gray sink undercoat (MSC-1F-01)
- Tan adhesive over gray levelling compound on wood subfloor (MSC-1F-02)
- Dark gray sheet vinyl flooring with tan adhesive (SVF-1F-01)

5.3.7 Basement

SUR: The AHERA accredited Building Inspector(s) classified the following suspect ACM in the basement as surfacing materials:

- Granular textured plaster walls (PL-B-01)
- Granular plaster ceilings (PL-B-02)
- Granular texture on concrete (SUR-B-01)
- Smooth plaster ceiling patch around pipe hanger penetrations (PL-B-03)

TSI: The AHERA accredited Building Inspector(s) classified the following suspect ACM in the basement as thermal system insulation:

- 4-inch white wrap over yellow fiberglass insulation (TSI-B-01)
- 4-inch fiberglass joints, elbows, and tees (TSI-B-02)
- 6-inch white wrap over yellow fiberglass insulation (TSI-B-03)
- 6-inch fiberglass joints, elbows, and tees (TSI-B-04)
- 8-inch white wrap over yellow fiberglass insulation (TSI-B-05)
- 8-inch fiberglass joints, elbows, and tees (TSI-B-06)
- White chalky 4" pipe insulation (TSI-B-07)
- White chalky 6" pipe insulation (TSI-B-08)
- Jets associated with chalky 4" pipe insulation (TSI-B-09)

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM in the basement as miscellaneous materials and assigned the associated homogeneous abbreviation:

- Tan adhesive associated with tan/gray carpet (ADV-B-01
- Tan adhesive assocaited with black/brown 2' by 2' carpet tiles (ADV-B-02)
- 1-foot by 1-foot ceiling tile on walls (CT-B-01)
- 1-foot by 2-foot ceiling tile (CT-B-02)
- 4-inch black floor base with tan adhesive (FB-B-01)
- 4-inch dark gray floor base with tan adhesive (FB-B-02)
- 6-inch dark gray floor base (FB-B-03)
- Smooth Gypsum Wallboard (GWB-B-01)
- Rough gypsum wallboard (GWB-B-02)
- 9-inch tan vinyl tile with green streaks (VT-B-01)
- 12-inch tan vinyl tile with grey streaks (VT-B-02)
- 12-inch tan vinyl tile with brown blobs (VT-B-03)
- 9-inch green vinyl tile with tan streaks (VT-B-04)

- 12-inch tan vinyl tile with brown streaks (VT-B-05)
- Red pipe sealant (SEA-B-01)
- Dark red sealant (SEA-B-02)
- White sink undercoat (MSC-B-01)

5.3.8 Exterior

SUR: The AHERA accredited Building Inspector(s) classified the following suspect ACM as surfacing materials:

- Tan stucco on exterior walls (SUR-E-01)

TSI: The AHERA accredited Building Inspector(s) did not identify any suspect ACM as thermal system insulation.

MSC: The AHERA accredited Building Inspector(s) classified the following suspect ACM as miscellaneous materials and assigned the associated homogeneous abbreviation:

- Tan door putty around old basement door (DP-E-01)
- Tan door putty around new exterior door (DP-E-02)
- Light gray grand staircase sealant/caulking (SEA-E-01)
- Thick window glazing on basement windows (WG-E-01)

5.3.9 Assumed Asbestos Containing Materials

An assumed ACM is any material that the inspector assumes contains greater than 1 percent asbestos based on previous inspection results; manufacturers' labels, age, appearance; or inspector's expertise. Due to the inaccessibility or other means, all materials not sampled by Fulcrum are assumed to be ACM unless otherwise tested. The following materials were visually identified and assumed to be ACM until otherwise tested:

- Ceramic tile in first floor restrooms
- 2-foot by 2-foot ceiling tile in the second floor center Trustees Board room
- Interior concrete staircases and landings

The following materials were identified on original building drawings and were reported by staff to remain behind new building finishes:

- Original chalkboards behind finished gypsum wallboard walls on the first and second floors
- Original plaster walls on the first floor behind finished gypsum wallboard walls

5.3.10 Assumed Non-Asbestos Containing Materials

Under AHERA inspection criteria, some materials can be assumed to be non-ACM based on manufacturers' labels, age, appearance, or inspector's expertise. The following materials were identified

and were assumed to be non-ACM based on manufacturers' labels, age, appearance, or inspector's expertise:

- Wood components – shelves, doors, trims, framing throughout.
- Glass – windows exterior/interior throughout
- Concrete – foundation throughout
- Metal – plumbing

5.4 Laboratory Methodologies

Fulcrum collected a total of 348 suspect ACM samples during the initial and supplemental inspections. Samples were shipped by common carrier, under chain of custody, to Aerobiology Laboratories, a NVLAP accredited laboratory (500097-0), located at 2226 West Northern Avenue, Suite C110, in Phoenix, Arizona. Samples were analyzed using Polarized Light Microscopy (PLM) method EPA 600/R-93/116.

Fulcrum also collected 31 duplicate samples for quality assurance. Duplicate samples were shipped by common carrier, under chain of custody, to NVL Laboratories, a NVLAP accredited laboratory (#102063-0), located at 4708 Aurora Avenue North in Seattle, Washington. Samples were analyzed using Polarized Light Microscopy (PLM) method EPA 600/R-93/116.

5.5 Laboratory Results

Samples that could be separated into multiple layers in the laboratory were analyzed by individual layer. Except in specific cases, individual layer analysis, rather than composite analysis, is the determining factor in declaring a material an ACM or a non-ACM. See Appendix C for sample analysis results.

5.5.1 Asbestos Containing Materials

By regulatory definition an asbestos containing material (ACM) is any homogeneous areas that contains greater than 1 percent asbestos in one or more of the samples analyzed or were classified as ACM based on the inability to differentiate between ACM and non-ACM areas. See Table 1 for summary of asbestos containing materials.

Table 1: Asbestos Laboratory Results Summary

Sample ID	Index	Material	Location[1]	Results
5322-CR-13 5322-CR-14 5322-CR-15	SEA-CR-03	Black sealant on center roof corners	Roof, Center	**12% Chrysotile** in black sealant
5322-CR-16 5322-CR-17 5322-CR-18	RFM-CR-03	Black built up roofing with tar layer around roof perimeter	Roof, Center	**7% Chrysotile** in black sealant
5222-2F-008 5222-2F-009	ADV-2F-03	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive	2nd Floor, West Wing, Staff Lounge	**3% Chrysotile** in tan tile**,** *<0.25% Chrysotile in* black adhesive after point count analysis
5222-2F-031[2] 6322-2F-001 6322-2F-002	PL-2F-04	Tan rough dot textured plaster walls	2nd Floor, Room 218C	**2% Chrysotile** in white texture with yellow paint, *1.25% Chrysotile in* white texture after point count analysis
6322-2F-003 6322-2F-004 6322-2F-005	PL-2F-05	Tan heavy wavy textured plaster walls	2nd Floor, Room 218C	**2% Chrysotile** in off white texture with yellow/white paint
5322-B-001 5322-B-002 5322-B-003	VT-B-01	9-inch tan vinyl tile with green streaks with black adhesive	Basement, IT Room/Server Room	**15% Chrysotile** in tan/green tile**,** *<0.5% Chrysotile* in black adhesive after point count analysis
5322-B-010 5322-B-011 5322-B-012	VT-B-04	9-inch green vinyl tile with white adhesive	Basement, Server Room	**7% Chrysotile** in green tile with non-ACM white adhesive
5322-B-075[2]	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations	Basement, Hallway	**4% Chrysotile** in white texture with cream paint and **5% Chrysotile** in white plaster
5322-B-082 5322-B-083 5322-B-084	TSI-B-07	White chalky 4-inch pipe insulation	Basement, Hallway	**12% Chrysotile** and **3% Amosite** in white insulation
5322-B-085 5322-B-086 5322-B-087	TSI-B-08	White chalky 6-inch pipe insulation	Basement, Hallway	**18% Chrysotile** and **2% Amosite** in white insulation

Sample ID	Index	Material	Location[1]	Results
5322-B-088 5322-B-089 5322-B-090	TSI-B-09	JETs associated with chalky 4-inch pipe insulation	Basement, Hallway	**18% Chrysotile** and **2% Amosite** in white insulation
5322-E-003	WG-E-01	Thick window glazing on basement windows	Exterior, East	**1% Chrysotile** in light gray caulk with gray paint after point count analysis
5322-B-017 5322-B-018 5322-B-019	SEA-E-01	Light gray staircase sealant/caulking	Grand Staircase, East/West/North	**4% Chrysotile** in Gray Sealant

[1]Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
[2]Sample was reassigned to different homogenous group after the supplemental inspection. See section 5.5.2 supplemental inspection findings.

5.5.2 Supplemental Inspection

On June 3, 2022, Fulcrum returned to re-evaluate plaster walls on the second floor and plaster ceilings on the basement floor.

2nd Floor

Sample 5222-2F-031 was originally assigned to the homogenous group PL-2F-01 and was collected from room 218C. Laboratory analysis identified a white texture with yellow paint layer with 1.25% Chrysotile asbestos. The white texture layer was not identified in the other six samples collected as part of homogenous group PL-2F-01. During the supplemental inspection, Fulcrum observed the plaster walls in room 218C to have a rough dot texturing and is a different finish from the granular plaster walls observed throughout the second floor. Sample 5222-2F-031 was then reassigned to homogenous group PL-2F-04 and two supplemental samples, 6322-2F-001 and 6322-2F-002, were collected from plaster walls in room 218C. Laboratory analysis identified a white texture with 2% Chrysotile in sample 6322-2F-001. Material PL-2F-04 was confirmed to be an ACM. Material PL-2F-01 is considered non-ACM

Basement

Sample 5322-B-075 was originally assigned to homogenous group PL-B-02 and was collected from a pipe hanger penetrating through the hallway ceiling on the west wing. Laboratory analysis identified a white texture with cream paint with 4% Chrysotile asbestos. The white texture layer was not identified in the other six samples within the homogenous group. During the supplemental inspection, Fulcrum observed a plaster patch around the pipe hanger penetrations. The plaster patch has a smooth finish while the original plaster ceiling has a rough granular finish. Sample 5322-B-075 was reassigned to homogenous group PL-B-03 and two supplemental samples were collected from pipe hanger penetrations in the hallway. Laboratory analysis identified the white plaster with 5% Chrysotile in sample 6322-B-009. Material PL-B-03 was confirmed to be an ACM. Material PL-B-02 is considered non-ACM.

5.5.3 Materials Containing Less than 1% Asbestos

By regulatory definition a non-ACM is any materials that contains 1 percent or less asbestos. However, materials with no asbestos identified are managed differently than materials where asbestos is present though at concentrations below the threshold for a regulated asbestos material. See Table 2 for a summary of less than 1% asbestos containing materials

Table 2: Less Than 1% Asbestos Containing Material Summary

Sample ID	Index	Material	Location[1]	Results
5322-B-072 5322-B-073 5322-B-074	VT-B-05	12-inch tan vinyl tile with brown streaks	Basement, IT Room	**Trace Chrysotile** in Tan/Brown Tile, *0.25% Chrysotile* after point count analysis

[1]Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.

5.5.4 Non-Asbestos Containing Materials

By regulatory definition a non-ACM is any materials that contains 1 percent or less asbestos. However, for purposes of this inspection, only homogeneous materials where all samples collected were reported by the project laboratory to contain no detectable asbestos fibers are regarded as non-ACM. See Appendix C for a summary of non-ACM materials.

5.6 Asbestos Inspection Quality Assurance

Select duplicate samples, approximately 10% of samples, were sent to NVL Laboratories Inc. (NVL), for quality assurance purposes. NVL is a NVLAP accredited laboratory (#102063-0) located in Seattle, Washington. A total of 31 samples were submitted to NVL for analysis and reviewed by Fulcrum.

Samples were analyzed using Polarized Light Microscopy (PLM) method EPA 600/R-93/116. The purpose of the duplicate sample analysis was to evaluate quality assurance and quality control procedures of sample collection process and the selected primary laboratory analysis. See Table 3 for a comparison of laboratory results.

Table 3: Quality Assurance Laboratory Results:

Sample Number	Index	Material	Aerobiology Result	NVL Result
5322-CR-10	SEA-CR-02	Tan Sealant	Non-detect	Non-detect
5322-CR-15	SEA-CR-03	Black sealant on center roof corners	Lab analysis of sample 5322-CR-13, in the same homogenous group, found **12% Chrysotile** in black sealant	**5% Chrysotile** in black sealant

Sample Number	Index	Material	Aerobiology Result	NVL Result
5322-ER-09	RFM-ER-02	Built up roofing on sloped roof	Non-detect	Non-detect
5222-M-003	ADV-M-01	Residual Brown glue dots on south plaster wall	Non-detect	Non-detect
5222-M-011	PL-M-01	White/light blue rough textured plaster walls	Non-detect	Non-detect
5222-M-018	PL-M-02	Unfinished plaster walls	Non-detect	Non-detect
5222-M-042	SEA-M-01	Dark gray HVAC duct sealant	Non-detect	Non-detect
5222-2F-011	SVF-2F-01	Gray speckled sheet vinyl flooring with tan adhesive in president's office	Non-detect	Non-detect
5222-2F-021	GWB-2F-02	White smooth textured gypsum wallboard walls	Non-detect	Non-detect
5222-2F-032	PL-2F-01	Granular texture plaster walls	Non-detect	Non-detect
5222-2F-041	PL-2F-02	Granular textured plaster ceilings	Non-detect	Non-detect
5222-2F-051	CT-2F-02	2-foot by 4-foot speckled suspended ceiling tiles	Non-detect	Non-detect
5222-2F-063	ADV-2F-04	Brown glue dot on plaster walls in IT closet	Non-detect	Non-detect
5222-2F-070	ADV-2F-06	Tan adhesive beneath carpet squares in HR room	Non-detect	Non-detect
5222-2F-081	CT-2F-06	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	Non-detect	Non-detect
5222-2F-090	MSC-2F-06	Black sink undercoat	Non-detect	Non-detect
5222-2F-100	TSI-2F-04	JETs on 6-inch pipe system	Non-detect	Non-detect
5322-1F-010	GWB-1F-01	Rough textured gypsum wallboard walls	Non-detect	Non-detect

Sample Number	Index	Material	Aerobiology Result	NVL Result
5322-1F-020	CT-1F-01	2-foot by 4-foot rough textured ceiling tile	Non-detect	Non-detect
5322-1F-030	TSI-1F-02	6-inch JETs on pipe system	Non-detect	Non-detect
5322-B-010	VT-B-04	9-inch green vinyl tile with tan streaks and white adhesive	**7% Chrysotile** in green tile	**4% Chrysotile** in green vinyl tile
5322-B-025	SUR-B-01	Granular texture on concrete	Non-detect	Non-detect
5322-B-030	CT-B-01	1-foot by 1-foot ceiling tile on walls	Non-detect	Non-detect
5322-B-040	FB-B-03	6-inch dark gray floor base	Non-detect	Non-detect
5322-B-050	TSI-B-03	6-inch fiberglass pipe insulation	Non-detect	Non-detect
5322-B-060	TSI-B-06	8-inch fiberglass pipe JETs	Non-detect	Non-detect
5322-B-070	SEA-B-02	Dark red sealant	Non-detect	Non-detect
5322-B-080	PL-B-02	Granular plaster ceilings	Non-detect	Non-detect
5322-B-090	TSI-B-09	JETs associated with chalky 4-inch pipe insulation	Lab analysis of sample 5322-B-088, in the same homogenous group, found **18% Chrysotile** and **2% Amosite** in white insulation	**4% Chrysotile** and **20% Amosite** in white powdery fibrous material
5322-E-002	WG-E-01	Thick window glazing on basement windows	Non-detect	Non-detect
5322-E-005	SUR-E-01	Tan stucco on exterior walls	Non-detect	Non-detect

5.7 Asbestos Containing Materials Summary

Fulcrum collected 348 samples of suspect ACM during the inspection. Laboratory analysis identified the following materials to be identified as ACM:

5.7.1 Roof

- Black sealant on center roof corners
- Black sealant associated with black built up roofing with tar layer around roof perimeter

5.7.2 Mezzanine

No asbestos containing materials were identified in the Mezzanine of Inlow Hall.

5.7.3 2nd Floor

- Assumed 2-foot by 2-foot ceiling tile in Trustees Board room
- Assumed Interior concrete staircases and landings
- Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive
- Tan rough dot textured plaster walls in room 218C
- Tan heavy wavy textured plaster walls in room 218C

5.7.4 1st Floor

- Assumed ceramic tile in restrooms
- Assumed Interior concrete staircases and landings

Hidden materials may be present behind current wall, ceiling, and flooring system.

5.7.5 Basement

- Assumed Interior concrete staircases and landings
- 9-inch tan vinyl tile with green streaks
- 9-inch green vinyl tile with tan streaks
- 12-inch tan vinyl tile with brown streaks
- Smooth plaster ceiling patch around pipe hanger penetrations
- 4-inch white chalky pipe insulation
- 6-inch white chalky pipe insulation
- JETs associated with 4-inch white chalky pipe insulation

5.7.6 Exterior

- Thick window glazing on basement windows
- Light gray staircase sealant/caulking

5.7.7 Grand Staircase

- Light gray staircase sealant/caulking

6.0 Lead Containing Materials

Lead containing materials (LCM) are any product, with naturally occurring lead, or manufactured, or produced with lead. Lead materials can include, but are not limited to, paint, varnish, mortar, alloys, etc. Lead containing material inspections may be performed using paint chip sampling and laboratory analysis, field x-ray fluorescence (XRF) instrumentation, or a combination of both approaches.

6.1 Regulatory Basis

The purpose of the LCM investigation is to facilitate pending modernization and demolition activities in compliance with pertinent regulations while protecting workers, the public, and the environment. For purposes of this investigation, LCM are being evaluated under or based upon the following regulations:

- **Worker Protection:** OSHA 3142-12R
- **Lead in Construction:** Oregon OSHA OAR Division 3/D

The most stringent lead regulations are found in the lead in construction regulations administered by OSHA, in federally managed areas, and Oregon OSHA. Under these worker protection regulations any material containing a detectable concentration of lead is an LCM. Lead in construction regulations apply to all work environments during many types of tasks including, but not limited to, the following:

- Demolition or salvage of structures where lead or materials containing lead are present;
- Removal or encapsulation of materials containing lead;
- New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead;
- Installation of products containing lead;
- Lead contamination/emergency clean-up;
- Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed; and
- Maintenance operations associated with the construction activities described in this section.

In 1978, the Consumer Product Safety Commission (CPSC), under 16 CFR Part 1303, enacted limits on the lead concentration in household paints to not more than 0.06% lead by weight, or 600 milligrams per kilogram (mg/Kg). Under the Consumer Product Safety Improvement Act of 2008, the acceptable concentration of lead in consumer products was lowered to 0.009% or 90 mg/Kg. While the OSHA has not identified a specific lead concentration below which the lead in construction regulations do not apply, they have issued guidance that the CPSC established values are a reasonable lower concentration for determining applicability of the lead in construction regulations.

6.2 Inspection and Sampling Methodology

A visual inspection of accessible portions of the investigation area was conducted. The inspection was conducted in substantial conformance with applicable regulatory and industry standards. Relevant

portions of the 1995 HUD guidance (Revised in 2012) lead based paint regulations. The LCM inspection consists of following basic steps:

- Identification of homogeneous areas and components
- Paint Chip sample collection for laboratory analysis

Characteristic painted surfaces were classified as homogeneous areas based on color of surface paint, substrate, construction era, and in some cases, color of sublayers. Homogeneous materials are one of the key elements for referencing both lead and non-lead materials identified during the inspection and used within this report. Sample locations in the facility were selected to be representative of the various homogeneous areas. Full-layer thicknesses of existing paint were evaluated to obtain a historical representation of all paints applied to the tested component.

For this inspection report, homogeneous areas/materials were developed using the site figures, surface color, and component composition as primary considerations, supported by visual observations made in the field regarding material appearance, texture, size, color, and/or manufacturers' labels. Suspect painted surfaces were then sampled to determine if they contain lead or are non-lead containing based on laboratory results.

6.2.1 Paint Chip Sample Collection for Laboratory Analysis

Fulcrum's inspector collected paint chip samples from select building materials where homogenous materials were visually identified. Paint chip sample analytical results are used to determine if the lead concentrations in the paint or varnish is above 600 mg/Kg and appropriate for disclosure to the project contractor for worker protection purposes.

Lead paint chip samples were submitted to NVL Laboratories, Inc., a NVLAP accredited laboratory (#102063-0) located in Seattle, Washington, an Environmental Lead Proficiency Analytical Testing (ELPAT) Program certified laboratory. Submitted samples are analyzed by EPA Method 7000B for total lead. See Appendix D for complete Paint Chip Analytical Results.

6.3 Components Identified During the Inspection

Fulcrum's LCM inspection consisted of a paint chip analysis of all paint components. See Section 6.4 for waste characterization results.

Fulcrum's visual inspection observed multiple layers of paint on original plaster walls. Tan paint was observed as the original base paint on plaster walls on the second floor and basement. No exposed plaster walls were observed on the first floor.

Exterior windows were observed to be painted black or gray, on the interior the windows were observed to be painted white or gray.

6.3.1 Assumed Lead Containing Materials Identified

The following materials are assumed to contain lead greater than the limit of detection:

- Metal pipe clamps and plumbing
- Plumbing components
- Solders or pluming and metal brazed components
- Metal structural components

6.3.2 Assumed Non-Lead Containing Materials

The following materials are assumed to be non-lead containing materials:

- Glass
- Unpainted Wood
- Unpainted Concrete
- Unpainted Pipes
- Unpainted Plastics

6.4 Paint Chip Results

Results of this inspection indicate that lead was detected in concentrations greater than or equal to the method reporting limit of detection for the following homogenous area. Sample results shown in Bold represent analytical results greater than 600 mg/Kg for total lead and a potential worker protection concern. Results greater than or equal to 5,000 mg/kg are considered a lead based paint. See Appendix D for all Paint Chip Analytical Results. See Table 4 for a summary of paint chip sample results.

Table 4: Paint Chip Analytical Results

Sample Number	Location	Paint Color	Identified Component	Reporting Limit (mg/Kg)	Results in mg/Kg	Results in Percent
PC-M-01	Mezzanine	Orange	Structural Steel	96	**280,000**	28
PC-M-02	Mezzanine	Red	Steel Beam	120	**190,000**	19
PC-M-03	Mezzanine	White	Plaster	48	90	0.0090
PC-2F-01	2nd Floor	White	Plaster	51	**5,200**	0.52
PC-2F-02	2nd Floor	Red	Metal	120	**3,700**	0.37
PC-2F-03	2nd Floor	White	Wood	54	**1,700**	0.17
PC-2F-04	2nd Floor	Tan	Plaster	52	**5,400**	0.54
PC-2F-05	2nd Floor	Tan	Gypsum Wallboard	53	<53	<0.0053
PC-1F-01	1st Floor	White	Gypsum Wallboard	210	230	0.023
PC-1F-02	1st Floor	Gray	Wood	51	**1,200**	0.12
PC-1F-03	1st Floor	Gray	Wood	51	92	0.0092

Sample Number	Location	Paint Color	Identified Component	Reporting Limit (mg/Kg)	Results in mg/Kg	Results in Percent
PC-BT-01	Basement	White	Concrete	48	460	0.046
PC-BT-02	Basement	Green	Concrete	53	**900**	0.090
PC-BT-03	Basement	White	Wood	140	**16,000**	1.6
PC-BT-04	Basement	White	Plaster	49	340	0.034
PC-BT-05	Basement	White	Gypsum Wallboard	50	<50	<0.0050
PC-E-01	Exterior, 2nd Floor	Black	Wood	54	**26,000**	2.6
PC-E-02	Exterior, 1st Floor	Black	Wood	51	**300,000**	30
PC-E-03	Exterior, Basement	Black	Wood	53	**300,000**	30
PC-E-04	Exterior	Tan	Stucco	54	120	0.012
PC-E-05	Exterior	White	Wood	50	**120,000**	12
PC-E-06	Exterior	Gray	Wood	50	**83,000**	8.3

6.5 Lead Containing Materials Summary

Fulcrum collected a total of 22 paint chip samples. Results of the paint chip collection indicate that painted components associated with red painted doors and green painted concrete have lead in amounts equal or greater than 600 mg/Kg, which is the general guidelines for worker exposure risk. Ten samples collected from structural steel, plaster, and wood windows were above 5,000 mg/Kg and considered lead based paint.

Fulcrum assumed the metal building components to be coated with lead containing paint and that all glazed tile and wall block, metal pipe caps and plumbing, roof jackets, plumbing components, and solder or plumbing and metal brazed components were lead containing.

The identified materials contained in this report are classified as a lead containing material and are regulated OSHA and Oregon OSHA regulations.

7.0 Lighting and Electrical Components

Lighting and electrical components (LEC) is a general term that refers to potential waste streams associated with all electrical equipment when components fail, are replaced, or are removed during renovation or demolition activities. Waste can include transformers and ballasts with polychlorinated biphenyl (PCB), non-PCB ballasts, di(2-ethylhexyl) phthalate (DEHP) ballasts, mercury vapor lamps and bulbs, mercury switches, and other waste streams.

Electrical transformers have utilized mineral oil mixed with varying quantities of PCB as dielectric fluid since the early 1950s. This mixture was also commonly used in fluid filled light ballasts prior to 1978 the end of the PCB phase out enforced by congress due to its toxicity. In 1979 DEHP was used

to replace PCBs as a dielectric in ballasts. By 1985, the dangers of DEHP were realized and all ballasts for four-foot fixtures were manufactured without DEHP, it took six more years, until 1991, to phase out the use of DEHP in ballasts for eight foot fixtures and high intensity fixtures. Light ballasts have also been shown to contain other hazardous materials besides PCB and DEHP, both in newer and older ballasts.

Ballasts that have been manufactured without PCB are labeled as "No PCB" or "Non-PCB," approximately half of all ballast labeled non-PCB have been known to contain DEHP. Individual ballasts that are not labeled are assumed to be PCB containing. Sampling of individual ballasts is not traditionally completed as the testing costs exceed disposal costs.

Fluorescent lamps and bulbs have historically contained mercury. Lamps and bulbs that have low concentrations of mercury may be designated with green ends or caps. Although typically of a low quantity, the mercury present in these lamps and bulbs should be captured and recycled, not disposed of in landfills; mercury lamps and bulbs can be managed as universal waste.

Thermostatic switches have historically utilized a mercury containing device to reflect the temperature within a zone or area. Switches include wall mounted thermostats, and switches incorporated within heating and cooling systems.

7.1 Lighting and Electrical Components Regulatory Basis

This investigation was designed to identify LEC that may require segregation and special handling or waste characterization prior to disposal as a result of modernization and demolition activities. Requirements for waste characterization are identified in Oregon's *Hazardous Waste and Hazardous Materials II*, ORS 466.005; EPA's *Toxic Substance Control Act* (TSCA), 40 CFR Part 761; EPA's *Identification and Listing of Hazardous Waste* in 40 CFR Part 261; and EPA's *Designation, Reportable Quantities, and Notification* in 40 CFR Part 302.

7.2 Lighting and Electrical Components Inspection Methodology

Fulcrum's inspector conducted a visual inspection of LEC to determine potential hazardous constituents such as PCB, DEHP, or mercury. Fulcrum completed the following inspection procedure during this LEC inspection:

- Record and identify the workspace or functional area being inspected.
- Identify the type and number of all lighting fixtures and record tube length, size, and number.
- Observe any plastic or metal diffusers or other covers for indications of oil staining or discoloration that may be associated with an oil release, electrical fire or sparking, failed ballast, etc.
- Identify number of other bulb or fixture types.
- Record observations.

7.3 Lighting and Electrical Components Identified During Inspection

Fulcrum's inspection identified fluorescent lighting fixtures throughout the structure, with localized use of compact fluorescent lamps (CFL). All fluorescent lamps consisted of 4-foot fixtures or single bulb CFLs. See Table 5 for a summary of fluorescent lighting components identified during the inspection.

Table 5: Lighting and Electrical Component Quantities

Component Description	4-Foot Lamps	CFL	Electric Ballasts	Magnetic Ballasts
Mezzanine	32	13	16	-
2nd Floor	528	26	264	16
1st Floor	252	63	126	28
Basement	232	2	116	17

7.4 Lighting and Electrical Components Summary

Fulcrum's LEC inspection identified 4-foot fluorescent lamps, CFLs and magnetic ballasts in Inlow Hall.

All lighting and electrical components should be removed and recycled or disposed of in accordance with local, state, and federal requirements prior to building renovation or demolition.

8.0 Refrigerant Containing Systems

Refrigerant containing systems (RCS) contain some man-made chemicals, generally referred to as ozone depleting compounds (ODC) that are believed to impair the ability of Earth's ozone layer to filter out ultraviolet (UV) radiation. Ozone depleting compounds include a class of chemicals consisting of chlorofluorocarbons (CFCs), hydrochlorofluorocarbons (HCFCs), Halons, and some chlorinated solvents. Most refrigeration systems, from mini-fridges to cooling chillers and automobile air conditioners, use some type of ODCs, typically a CFC. Some aerosol cans use CFCs or HCFCs as propellants. Halon is a common gaseous agent in fire extinguishing systems common to rooms with electronic and computer systems.

New refrigerants utilize a different chemical process for cooling and included pure hydrofluorocarbon (HFC) and perfluorocarbon (PFC) substitutes. The HFC and PFC class of chemicals are generally not considered to be ODC.

8.1 Refrigerant Containing Systems Regulatory Basis

The 1990 Clean Air Act Amendments, codified in 42 CFR Part 85, and titled *Air Pollution Prevention and Control*, commonly known as the Clean Air Act, phase out manufacture of some ODCs. The primary targets of the cutback are CFCs, Halon, carbon tetrachloride, and methyl chloroform. The goal of the program is to prevent releases of ODCs to the atmosphere. In addition to restricting the production of these materials, EPA's Protection of Stratospheric Ozone Program, 40 CFR Part 82, *Protection of Stratospheric Ozone: Substitute Refrigerant Recycling; Amendment to the Definition of Refrigerant*, includes requirements for reporting, tracking, and registration.

Effective November 15, 1995, the Clean Air Act prohibited the knowing venting, release, or disposal of any CFC and HCFC refrigerants by any person maintaining, servicing, repairing, or disposing of air conditioning and refrigeration equipment. Recovery and reuse or disposal of CFCs and HCFC is required.

8.2 Refrigerant Containing Systems Inspection

Potential refrigerant containing systems were identified and included refrigerators, mini-fridges, and roof HVAC units. See Table 6 for Summary of Refrigerant Containing Systems.

Table 6: Summary of Refrigerant Containing Systems

Unit	Quantity
Refrigerators	2
Mini fridges	14
Roof HVAC Units	4

8.3 Refrigerant Containing Systems Summary

Fulcrum's RCS inspection identified three types of potential refrigerant containing systems including refrigerators, mini-fridges, and roof HVAC units. Fulcrum recommends that these units be decommissioned by a qualified contractor prior to demolition.

9.0 Polychlorinated Biphenyls

9.1 Polychlorinated Biphenyl Caulk Regulatory Basis

Polychlorinated biphenyls (PCB)belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were manufactured in the United States from 1929 until Congress banned the manufacture of PCBs in 1976. PCB containing products were phased out of use in 1979. They have a range of toxicity and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating

properties, PCBs were used in hundreds of industrial and commercial applications. PCBs were used widely in caulk and elastic sealant materials from the 1950s through the 1970s to improve the plasticity and flexibility of the caulk. The concentrations of PCBs used in caulk range from 50 mg/Kg to 440,000 mg/Kg.

PCB containing materials are regulated under 40 CFR Part 761, EPA's Toxic Substances Control Act (TSCA) and by Oregon's *Hazardous Waste and Hazardous Materials II*, ORS 466.530 and DEQ OAR Chapter 340, Division 110 Polychlorinated Biphenyls. In recent years, EPA has determined that caulk containing PCBs was used in many buildings dating from the 1950s through the 1970s, including schools.

In general, buildings constructed after about 1978 are unlikely to contain PCBs in caulk or sealants. On September 25, 2009, EPA announced new guidance for school administrators and building managers with important information about managing PCBs in caulk and sealants. In general, EPA recommends, but does not require, that school buildings be evaluated for the potential presence of PCB containing caulk and sealants and that PCB caulk be removed during modernization activities. While these rules are specific to school buildings, the inspection and management protocol can be used as a guidance for inspecting and evaluating commercial and industrial buildings.

Caulk and sealants may be used in the following locations including, but not limited to:

- Surrounding window and door frames
- Expansion and sealing joints between concrete or CMU wall panels
- Expansion and sealing joints between concrete floor slabs, or between the floor slab and surrounding walls
- Building penetration sealants

Suspect PCB containing caulk and sealants may be present below exposed finish materials and may not be apparent until modernization or demolition.

PCB that remains tightly adhered to the substrate can generally be disposed of as a PCB Bulk Product waste in a solid waste landfill, provided the landfill has granted permission for disposal. Caulks and sealants containing PCB that will be segregated from the substrate will require abatement by personnel trained in the potential hazards and work practices appropriate for PCB containing caulks.

9.2 Polychlorinated Biphenyl Caulk Summary

Fulcrum sampled 12 suspect PCB containing products during the inspection. See Table 7.1, 7.2, and 7.3 for a summary of PCB Analytical Results.

Table 7: PCB Analytical Results – Grand Staircase

PCB-Aroclors	PCB-001 Southeast	PCB-002 Center east	PCB-003 Center west	PCB-004 Northwest	PCB-005 Northeast	PCB-006 Southwest
1016	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1221	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1232	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1242	<0.909	<1	<0.847	<0.98	<0.847	<0.794

1248	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1254	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1260	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1262	<0.909	<1	<0.847	<0.98	<0.847	<0.794
1268	<0.909	<1	<0.847	<0.98	<0.847	<0.794
Total	<0.909	<1	<0.847	<0.98	<0.847	<0.794

Table 8: PCB Analytical Results – Main Entrance

PCB-Aroclors	PCB-007 Main Entrance	PCB-008 Main Entrance	PCB-009 Main Entrance
1016	<2.38	<10	<3.33
1221	<2.38	<10	<3.33
1232	<2.38	<10	<3.33
1242	<2.38	<10	<3.33
1248	<2.38	<10	<3.33
1254	<2.38	<10	<3.33
1260	<2.38	<10	<3.33
1262	<2.38	<10	<3.33
1268	<2.38	<10	<3.33
Total	<2.38	<10	<3.33

Table 9: PCB Analytical Results – South Exterior Door

PCB-Aroclors	PCB-010 South Exterior Door	PCB-011 South Exterior Door	PCB-012 South Exterior Door
1016	<2	<1.67	<1.67
1221	<2	<1.67	<1.67
1232	<2	<1.67	<1.67
1242	<2	<1.67	<1.67
1248	<2	<1.67	<1.67
1254	<2	<1.67	<1.67
1260	<2	<1.67	<1.67
1262	<2	<1.67	<1.67
1268	<2	<1.67	<1.67
Total	<2	<1.67	<1.67

Laboratory analysis indicated that the suspect PCB samples were below the reporting limit. See Appendix E for PCB Analytical Results.

10.0 Conclusions

10.1 Asbestos Containing Materials

Fulcrum collected 348 samples of suspect ACM during the supplemental inspection of the Inlow Hall building located on One University Boulevard in La Grande, Oregon. Fulcrum submitted a total of 31 duplicate samples for quality assurance. Laboratory analysis identified the following materials to be ACM:

10.1.1 Roof

- Black sealant on center roof corners
- Black sealant associated with black built up roofing with tar layer around roof perimeter

10.1.2 Mezzanine

No asbestos containing materials were identified in the Mezzanine of Inlow Hall.

10.1.3 2nd Floor

- Assumed 2-foot by 2-foot ceiling tile in Trustees Board room
- Assumed Interior concrete staircases and landings
- Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive
- Tan rough dot textured plaster walls in room 218C
- Tan heavy wavy textured plaster walls in room 218C

10.1.4 1st Floor

- Assumed ceramic tile in restrooms
- Assumed Interior concrete staircases and landings

Hidden materials may be present behind current wall, ceiling, and flooring system.

10.1.5 Basement

- Assumed Interior concrete staircases and landings
- 9-inch tan vinyl tile with green streaks
- 9-inch green vinyl tile with tan streaks
- 12-inch tan vinyl tile with brown streaks
- Smooth plaster ceiling patch around pipe hanger penetrations
- 4-inch white chalky pipe insulation

- 6-inch white chalky pipe insulation
- JETs associated with 4-inch white chalky pipe insulation

10.1.6 Exterior

- Thick window glazing on basement windows
- Light gray staircase sealant/caulking

10.1.7 Grand Staircase

- Light gray staircase sealant/caulking

All ACM materials will require abatement by an Oregon State licensed Asbestos Contractor following all pertinent regulations prior to material impact during modernization. If any new suspect materials are identified during demolition, work should be halted until the material(s) is sampled to confirm asbestos absence or presence.

10.2 Lead Containing Materials

Fulcrum collected a total of 22 paint chip samples. Results of the paint chip collection indicate that painted components associated with red painted doors and green painted concrete have lead in amounts equal or greater than 600 mg/Kg, which is the general guidelines for worker exposure risk. Ten samples collected from structural steel, plaster, and wood windows were above 5,000 mg/Kg and considered lead based paint.

Fulcrum assumed the metal building components to be coated with lead containing paint and that all glazed tile and wall block, metal pipe caps and plumbing, roof jackets, plumbing components, and solder or plumbing and metal brazed components were lead containing.

The identified materials contained in this report are classified as a lead containing material and are regulated OSHA and Oregon OSHA regulations.

10.3 Lighting and Electrical Components

Fulcrum's LEC inspection confirmed the presence of 4-foot fluorescent lamps, CFLs, and magnetic ballasts.

All fluorescent lamps, ballast, fluorescent bulbs, and mercury encountered during demolition activities should be removed and recycled or disposed of in accordance with local, state, and federal requirements prior to building demolition.

10.4 Refrigerant Containing Sytems

Fulcrum's RCS inspection identified potential refrigerant containing refrigerators, mini-fridges, and roof HVAC units. Fulcrum recommends that these units be decommissioned by a qualified contractor prior to demolition.

10.5 Polychlorinated Biphenyls

Fulcrum sampled 12 suspect PCB containing putty and caulks from the main entrance, stair cases, and exterior doors during the inspection. Laboratory analysis indicated that all samples were below the reporting limit. Should any new suspect PCB containing materials be identified the contractor(s) should stop work and samples should be collected by an individual certified in PCB sampling prior to demolition

11.0 Limitations

Fulcrum Environmental Consulting, Inc.'s scope of services for this project was limited to a Hazardous Building Materials inspection of the Inlow Hall building located on the Eastern Oregon University campus at One University Boulevard in La Grande, Oregon as outlined in the preceding sections. Results are specific to the time and day of inspection and may not reflect conditions at other times. Fulcrum makes no warranties, expressed or implied as to the accuracy or completeness of other's work included herein. Fulcrum has performed these services in accordance with generally accepted industry standards of care at the time of the inspection. No warranty, expressed or implied, is made.

If the scope of work should change, including impact to materials not tested during this inspection or if new suspect materials are identified, the contractor(s) should stop work and contact Fulcrum to conduct additional sampling and analysis.

FIGURES

Figure 1	Site Location Map
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Figure 5	ACM Sample Locations – 2nd Floor, East Wing
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Figure 11	ACM Sample Locations – Basement, West Wing
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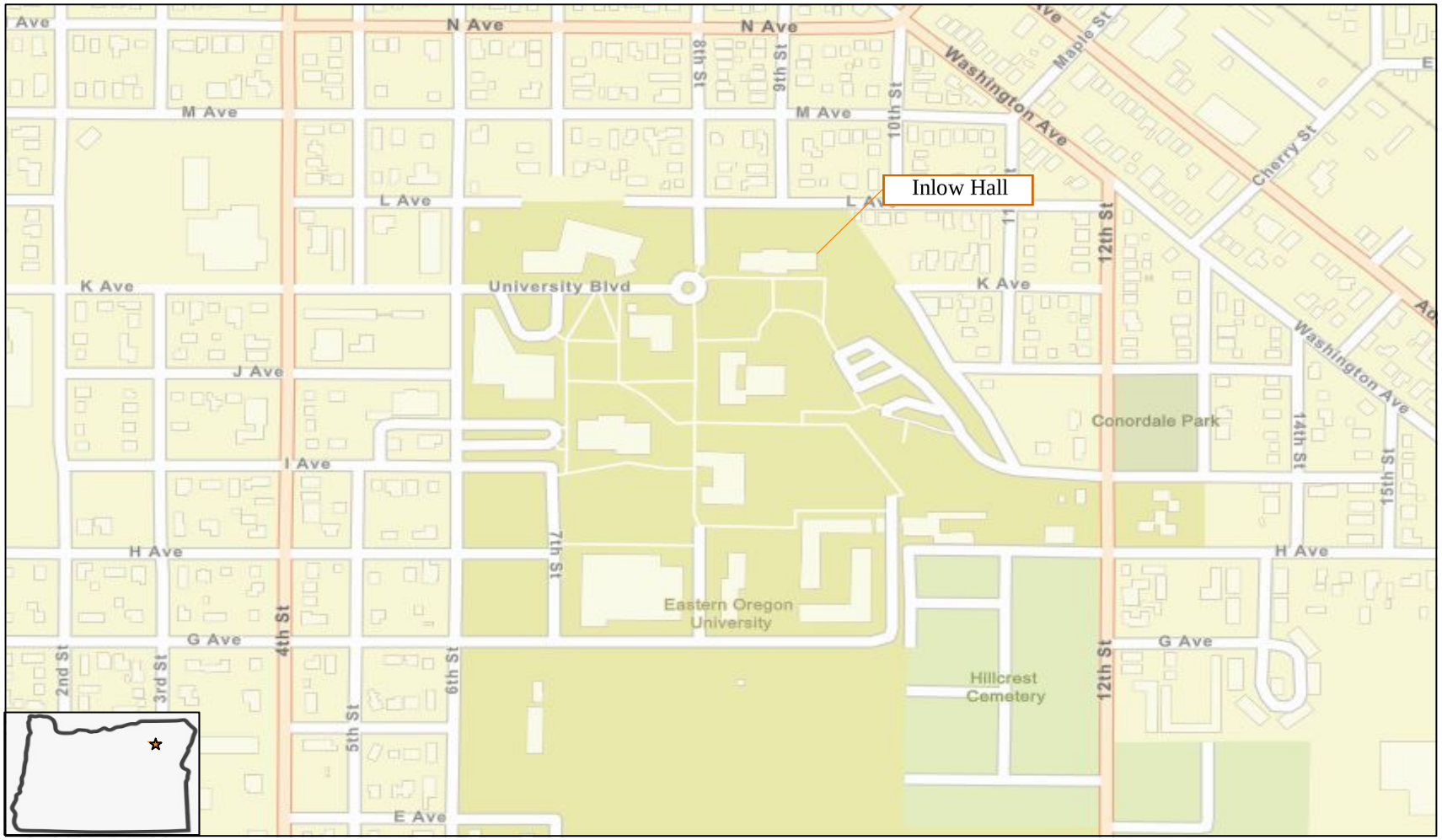
Figure 13	ACM Sample Locations – Basement, Center
Figure 14	ACM Sample Locations – Exterior
Figure 15	ACM Sample Locations – Grand Staircase

FULCRUM environmental consulting



NORTH

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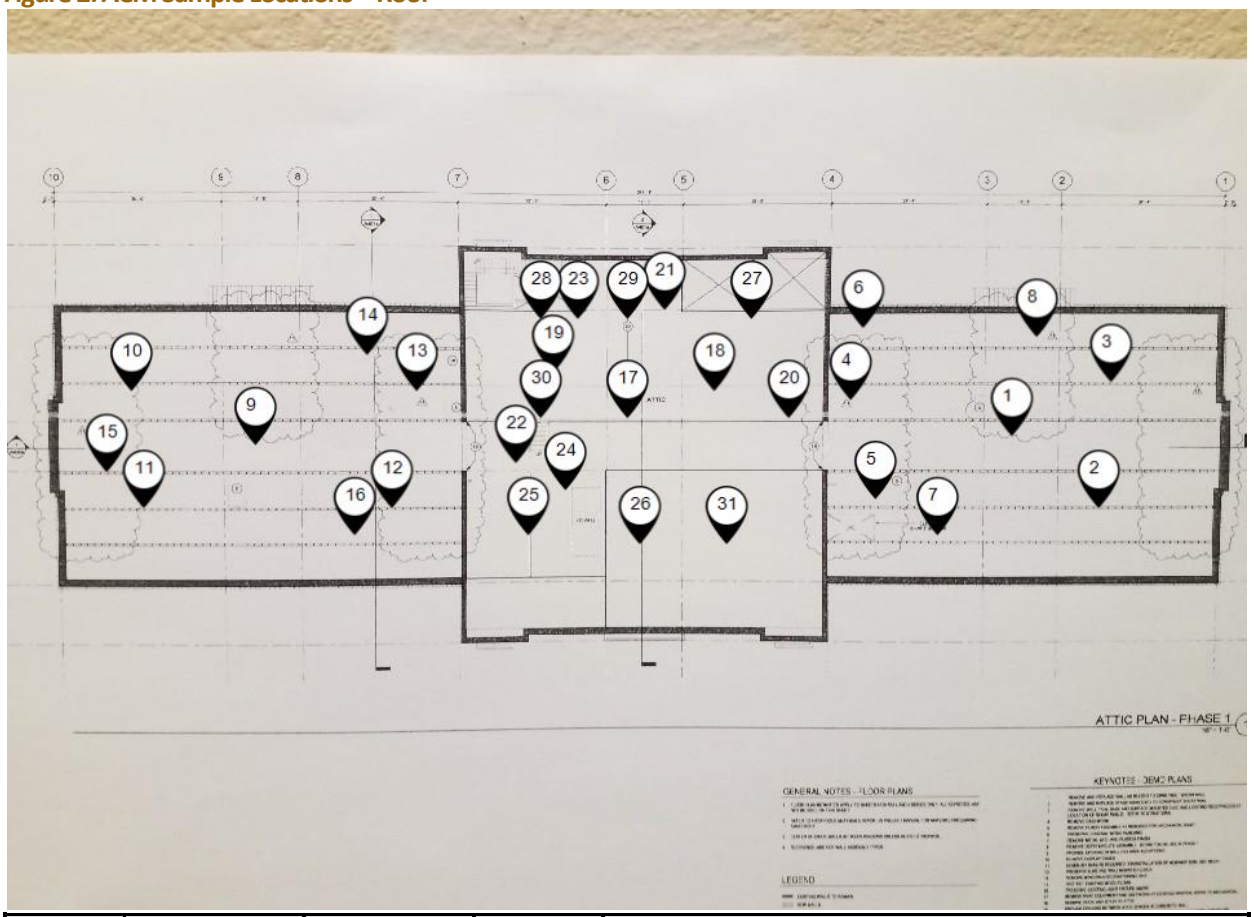
Inlow Hall HBM Inspection . 223507.00 . NJG . 5112022

Inlow Hall
One University Boulevard
La Grande, Oregon

Site Location Map

FIGURE
1

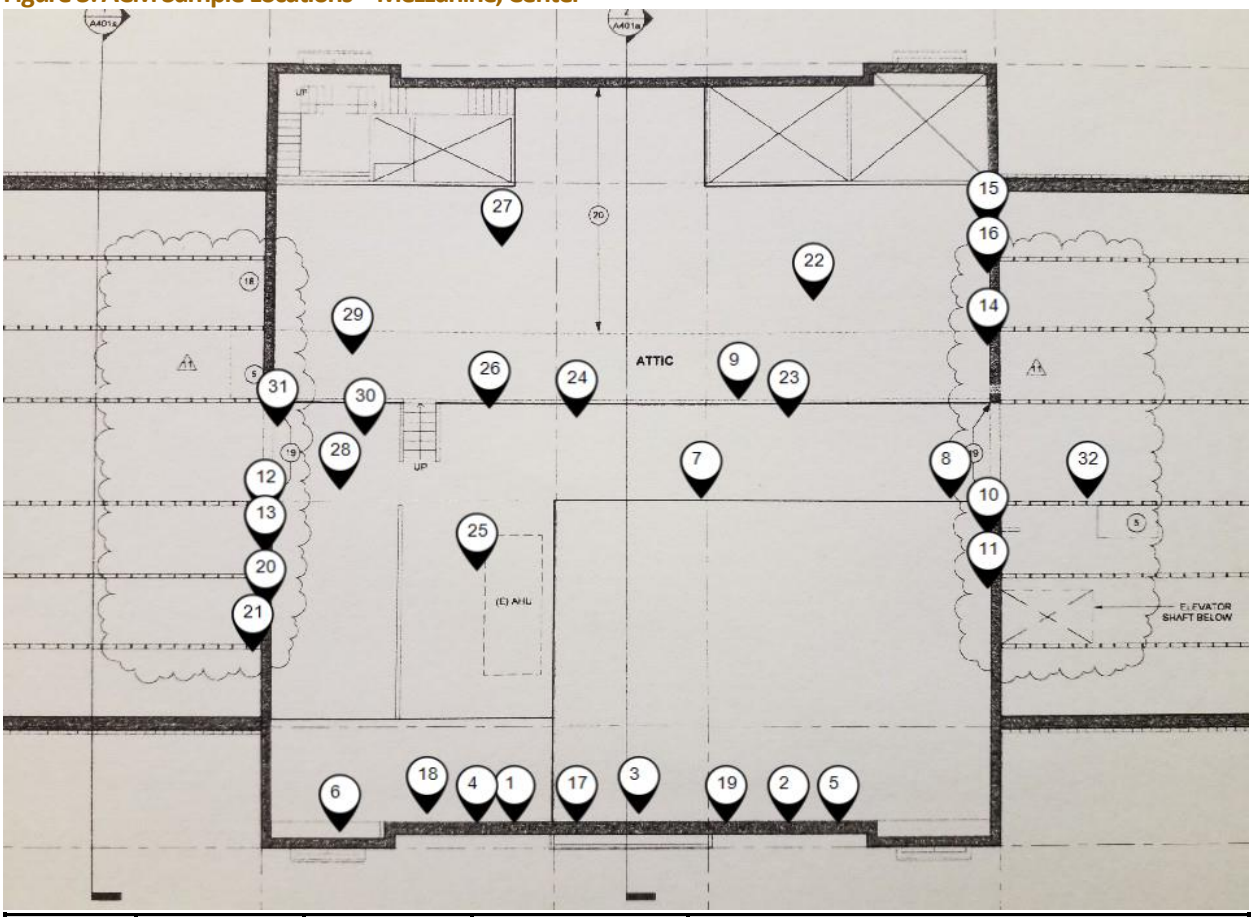
Figure 2: ACM Sample Locations – Roof



Map ID	Sample ID	Index	Location	Material
17	5322-CR-01	RFM-CR-01	Center	White tarp layers over gray chalky material over Styrofoam layer
18	5322-CR-02	RFM-CR-01	Center	White tarp layers over gray chalky material over Styrofoam layer
19	5322-CR-03	RFM-CR-01	Center	White tarp layers over gray chalky material over Styrofoam layer
20	5322-CR-04	RFM-CR-02	Center	Black built up roofing on sloped roof
21	5322-CR-05	RFM-CR-02	Center	Black built up roofing on sloped roof
22	5322-CR-06	RFM-CR-02	Center	Black built up roofing on sloped roof
23	5322-CR-07	SEA-CR-01	Center	Gray sealant around exhaust ducts
24	5322-CR-08	SEA-CR-01	Center	Gray sealant around exhaust ducts
24	5322-CR-09	SEA-CR-01	Center	Gray sealant around exhaust ducts
25	5322-CR-10	SEA-CR-02	Center	Tan sealant around perimeter
26	5322-CR-11	SEA-CR-02	Center	Tan sealant around perimeter
27	5322-CR-12	SEA-CR-02	Center	Tan sealant around perimeter
25	5322-CR-13	SEA-CR-03	Center	Black sealant on center roof corners
28	5322-CR-14	SEA-CR-03	Center	Black sealant on center roof corners
27	5322-CR-15	SEA-CR-03	Center	Black sealant on center roof corners

Map ID	Sample ID	Index	Location	Material
29	5322-CR-16	RFM-CR-03	Center	Black built up roofing with tar layer around roof perimeter
30	5322-CR-17	RFM-CR-03	Center	Black built up roofing with tar layer around roof perimeter
31	5322-CR-18	RFM-CR-03	Center	Black built up roofing with tar layer around roof perimeter
1	5322-ER-01	RFM-ER-01	East	White painted black roofing material over fibrous layer
2	5322-ER-02	RFM-ER-01	East	White painted black roofing material over fibrous layer
3	5322-ER-03	RFM-ER-01	East	White painted black roofing material over fibrous layer
4	5322-ER-04	SEA-ER-01	East	Gray sealant around exhaust ducts
5	5322-ER-05	SEA-ER-01	East	Gray sealant around exhaust ducts
2	5322-ER-06	SEA-ER-01	East	Gray sealant around exhaust ducts
6	5322-ER-07	RFM-ER-02	East	Built up roofing on sloped roof
7	5322-ER-08	RFM-ER-02	East	Built up roofing on sloped roof
8	5322-ER-09	RFM-ER-02	East	Built up roofing on sloped roof
9	5322-WR-01	RFM-WR-01	West	White painted black roofing material over white fibrous layer
10	5322-WR-02	RFM-WR-01	West	White painted black roofing material over white fibrous layer
11	5322-WR-03	RFM-WR-01	West	White painted black roofing material over white fibrous layer
12	5322-WR-04	SEA-WR-01	West	Gray sealant around exhaust ducts
13	5322-WR-05	SEA-WR-01	West	Gray sealant around exhaust ducts
10	5322-WR-06	SEA-WR-01	West	Gray sealant around exhaust ducts
14	5322-WR-07	RFM-WR-02	West	Black built up roofing on sloped roof
15	5322-WR-08	RFM-WR-02	West	Black built up roofing on sloped roof
16	5322-WR-09	RFM-WR-02	West	Black built up roofing on sloped roof

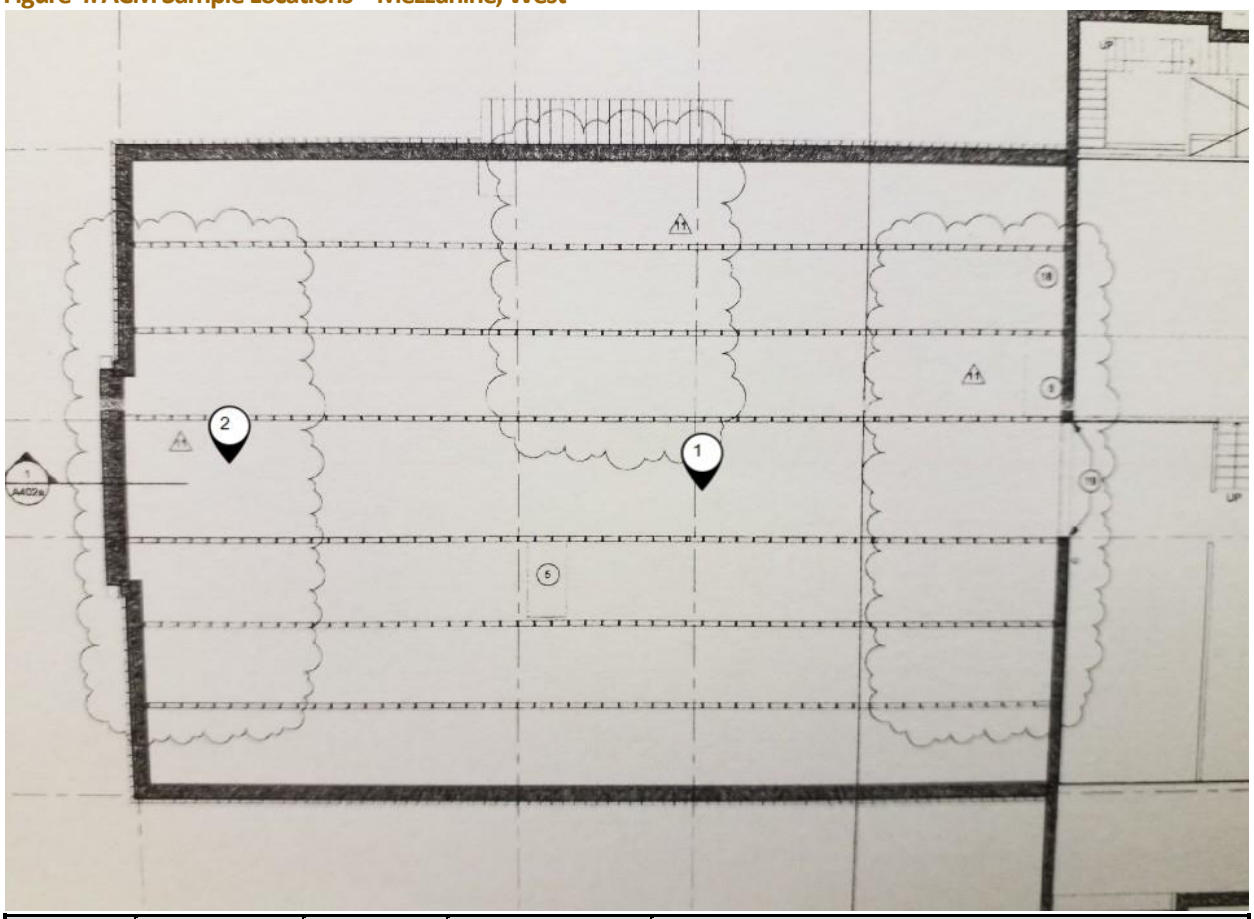
Figure 3: ACM Sample Locations – Mezzanine, Center



Map ID	Sample ID	Index	Location	Material
1	5222-M-001	ADV-M-01	South wall	Residual Brown glue dots on south plaster wall
2	5222-M-002	ADV-M-01	South wall	Residual Brown glue dots on south plaster wall
3	5222-M-003	ADV-M-01	South wall	Residual Brown glue dots on south plaster wall
4	5222-M-004	MSC-M-01	South wall	Black tar material on concrete walls
5	5222-M-005	MSC-M-01	South wall	Black tar material on concrete walls
6	5222-M-006	MSC-M-01	South wall	Black tar material on concrete walls
7	5222-M-007	GWB-M-01	Center area	Unfinished gypsum wallboard walls
8	5222-M-008	GWB-M-01	East area	Unfinished gypsum wallboard walls
9	5222-M-009	GWB-M-01	Upper center area	Unfinished gypsum wallboard walls
10	5222-M-010	PL-M-01	East area	White/light blue rough textured plaster walls
12	5222-M-011	PL-M-01	West area	White/light blue rough textured plaster walls
14	5222-M-012	PL-M-01	Upper area	White/light blue rough textured plaster walls
15	5222-M-013	PL-M-01	Upper area	White/light blue rough textured plaster walls
11	5222-M-014	PL-M-01	East area	White/light blue rough textured plaster walls
13	5222-M-015	PL-M-01	West area	White/light blue rough textured plaster walls
16	5222-M-016	PL-M-01	Upper area	White/light blue rough textured plaster walls
17	5222-M-017	PL-M-02	South wall	Unfinished plaster walls

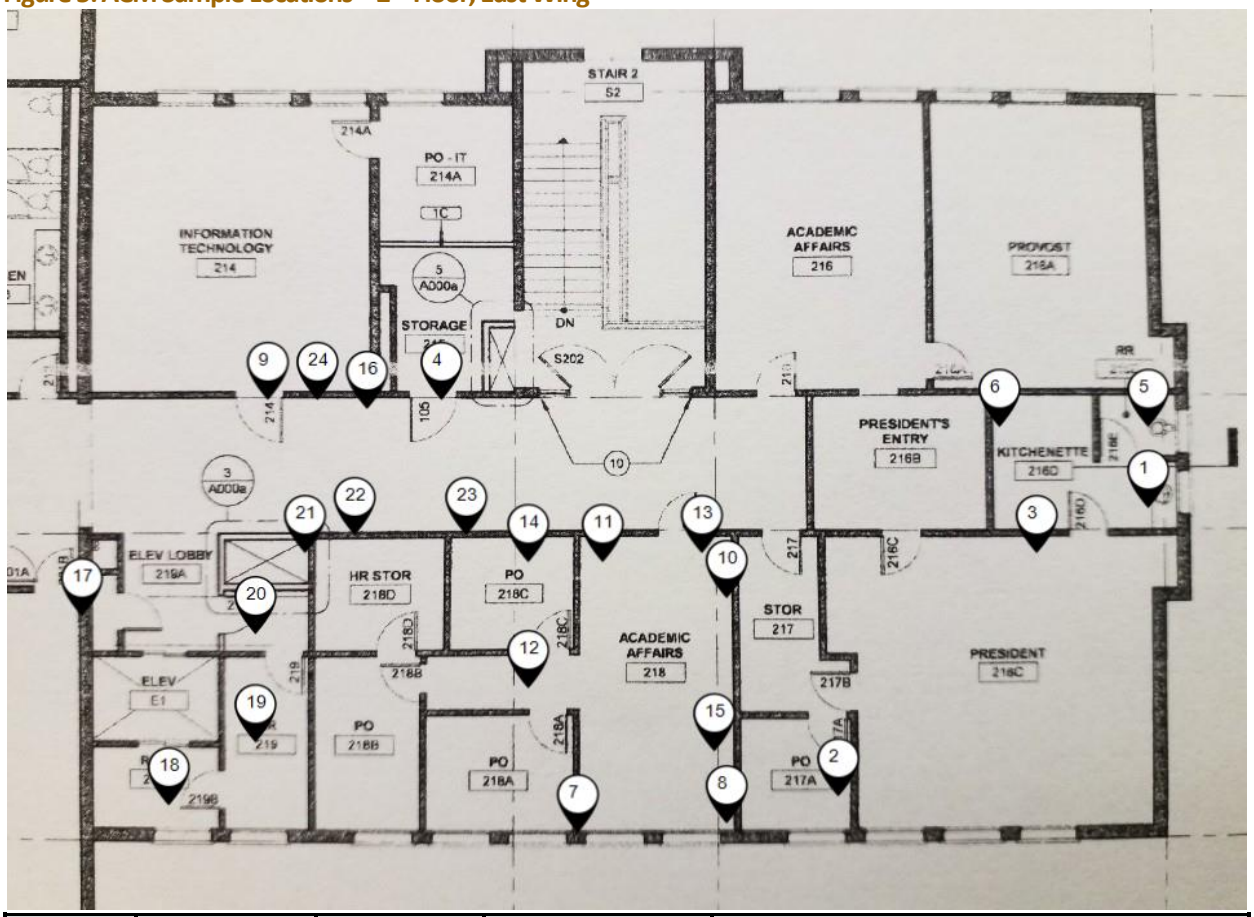
Map ID	Sample ID	Index	Location	Material
18	5222-M-018	PL-M-02	South wall	Unfinished plaster walls
19	5222-M-019	PL-M-02	South wall	Unfinished plaster walls
20	5222-M-020	PL-M-02	West area	Unfinished plaster walls
21	5222-M-021	PL-M-02	West area	Unfinished plaster walls
22	5222-M-022	TSI-M-01	Upper area	4-inch fiberglass pipe insulation with white paper
23	5222-M-023	TSI-M-01	Center area	4-inch fiberglass pipe insulation with white paper
24	5222-M-024	TSI-M-01	Center area	4-inch fiberglass pipe insulation with white paper
22	5222-M-025	TSI-M-02	Upper area	4-inch fiberglass joints, elbows, and tees
23	5222-M-026	TSI-M-02	Center area	4-inch fiberglass joints, elbows, and tees
24	5222-M-027	TSI-M-02	Center area	4-inch fiberglass joints, elbows, and tees
25	5222-M-028	TSI-M-03	South area	6-inch fiberglass pipe insulation with white paper
26	5222-M-029	TSI-M-03	Center area	6-inch fiberglass pipe insulation with white paper
27	5222-M-030	TSI-M-03	Upper area	6-inch fiberglass pipe insulation with white paper
25	5222-M-031	TSI-M-04	South area	6-inch fiberglass joints, elbows, and tees
26	5222-M-032	TSI-M-04	Center area	6-inch fiberglass joints, elbows, and tees
27	5222-M-033	TSI-M-04	Upper area	6-inch fiberglass joints, elbows, and tees
28	5222-M-034	TSI-M-05	West area	8-inch fiberglass pipe insulation with white paper
29	5222-M-039	TSI-M-06	Upper area	8-inch fiberglass joints, elbows, and tees
30	5222-M-040	SEA-M-01	West area	Dark gray HVAC duct sealant
32	5222-M-041	SEA-M-01	East area	Dark gray HVAC duct sealant
31	5222-M-042	SEA-M-01	West area	Dark gray HVAC duct sealant

Figure 4: ACM Sample Locations – Mezzanine, West



Map ID	Sample ID	Index	Location	Material
1	5222-M-035	TSI-M-05	Center walkway	8-inch fiberglass pipe insulation with white paper
2	5222-M-036	TSI-M-05	West end	8-inch fiberglass pipe insulation with white paper
2	5222-M-037	TSI-M-06	West end	8-inch fiberglass joints, elbows, and tees
2	5222-M-038	TSI-M-06	West end	8-inch fiberglass joints, elbows, and tees

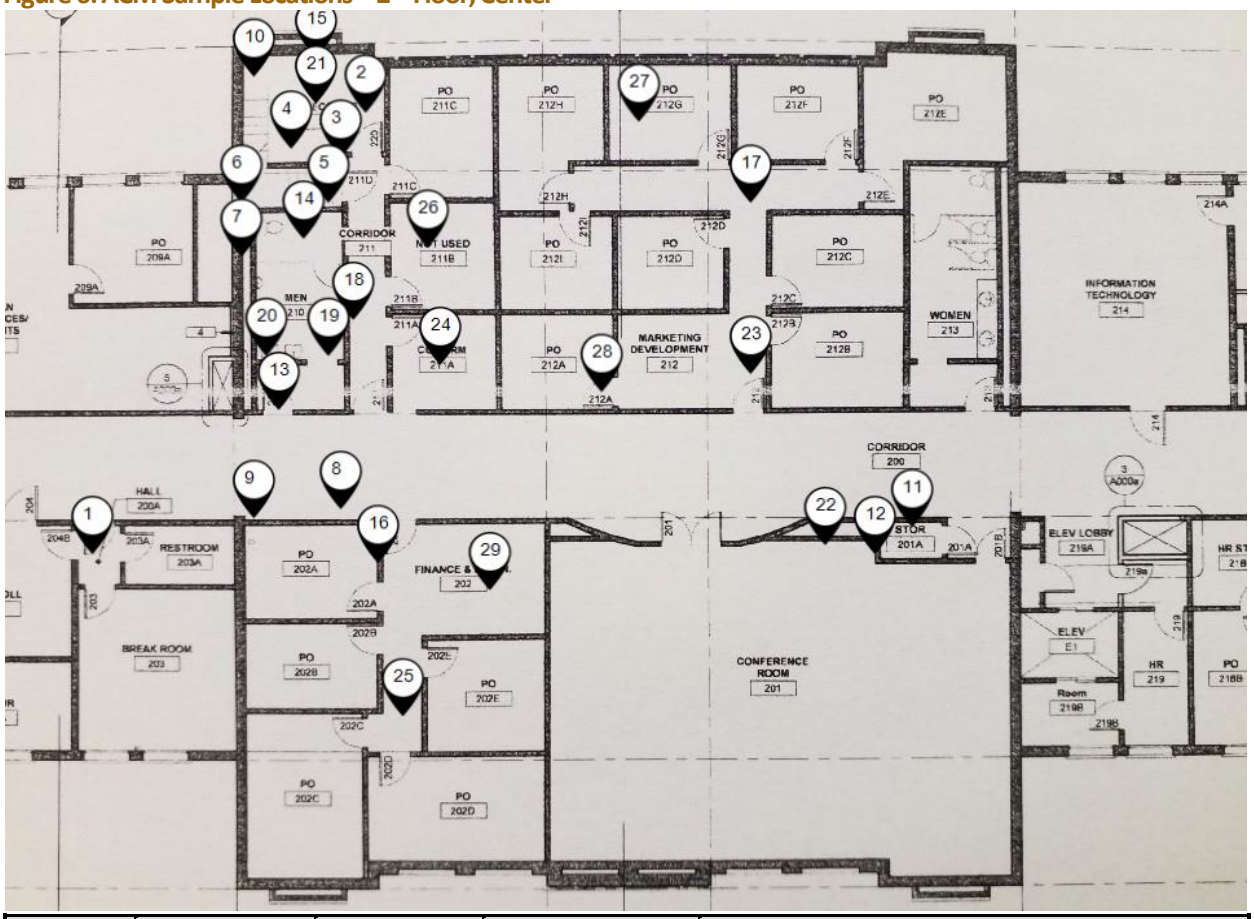
Figure 5: ACM Sample Locations – 2nd Floor, East Wing



Map ID	Sample ID	Index	Location	Material
1	5222-2F-001	ADV-2F-01	President's office	Tan adhesive underneath tan wallpaper
2	5222-2F-002	ADV-2F-01	President's office	Tan adhesive underneath tan wallpaper
2	5222-2F-003	ADV-2F-01	President's office	Tan adhesive underneath tan wallpaper
3	5222-2F-004	ADV-2F-02	President's office	Tan adhesive underneath light blue with white striped carpet
5	5222-2F-006	ADV-2F-02	Hallway	Tan adhesive underneath light blue with white striped carpet
10	5222-2F-007	ADV-2F-03	Room 214	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive
6	5222-2F-010	SVF-2F-01	President's office	Gray speckled sheet vinyl flooring with tan adhesive in president's office
7	5222-2F-011	SVF-2F-01	President's office	Gray speckled sheet vinyl flooring with tan adhesive in president's office
7	5222-2F-012	SVF-2F-01	President's office	Gray speckled sheet vinyl flooring with tan adhesive in president's office
7	5222-2F-025	GWB-2F-04	President's office	Thick textured gypsum wallboard walls
8	5222-2F-026	GWB-2F-04	Room 218	Thick textured gypsum wallboard walls
9	5222-2F-027	GWB-2F-04	Room 218	Thick textured gypsum wallboard walls
16	5222-2F-031	PL-2F-01	Room 218	Granular texture plaster walls

Map ID	Sample ID	Index	Location	Material
17	5222-2F-036	PL-2F-01	Hallway	Granular texture plaster walls
11	5222-2F-038	PL-2F-02	Room 218	Granular textured plaster ceilings
9	5222-2F-039	PL-2F-02	Room 218	Granular textured plaster ceilings
12	5222-2F-040	PL-2F-02	Room 218	Granular textured plaster ceilings
13	5222-2F-045	CT-2F-01	Room 218	Glued on ceiling tile with large pin holes in room 218
11	5222-2F-046	CT-2F-01	Room 218	Glued on ceiling tile with large pin holes in room 218
12	5222-2F-047	CT-2F-01	Room 218	Glued on ceiling tile with large pin holes in room 218
13	5222-2F-048	MSC-2F-01	Room 218	Glued on wall tile with large pin holes in room 218
15	5222-2F-049	MSC-2F-01	Room 218 C	Glued on wall tile with large pin holes in room 218
14	5222-2F-050	MSC-2F-01	Room 218	Glued on wall tile with large pin holes in room 218
4	5222-2F-063	ADV-2F-04	IT Closet	Brown glue dot on plaster walls in IT closet
18	5222-2F-064	ADV-2F-04	IT Closet	Brown glue dot on plaster walls in IT closet
18	5222-2F-065	ADV-2F-04	IT Closet	Brown glue dot on plaster walls in IT closet
19	5222-2F-069	ADV-2F-06	Room 219B	Tan adhesive beneath carpet squares in HR room
20	5222-2F-070	ADV-2F-06	Room 219	Tan adhesive beneath carpet squares in HR room
20	5222-2F-071	ADV-2F-06	Room 219A	Tan adhesive beneath carpet squares in HR room
21	6322-2F-001	PL-2F-04	Room 218 C	Tan rough dot textured plaster walls
22	6322-2F-002	PL-2F-04	Room 218 C	Tan rough dot textured plaster walls
23	6322-2F-003	PL-2F-05	Room 218 C	Tan heavy wavy textured plaster walls
23	6322-2F-004	PL-2F-05	Room 218 C	Tan heavy wavy textured plaster walls
23	6322-2F-005	PL-2F-05	Room 218 C	Tan heavy wavy textured plaster walls
24	6322-2F-006	PL-2F-01	Hallway	Granular texture plaster walls

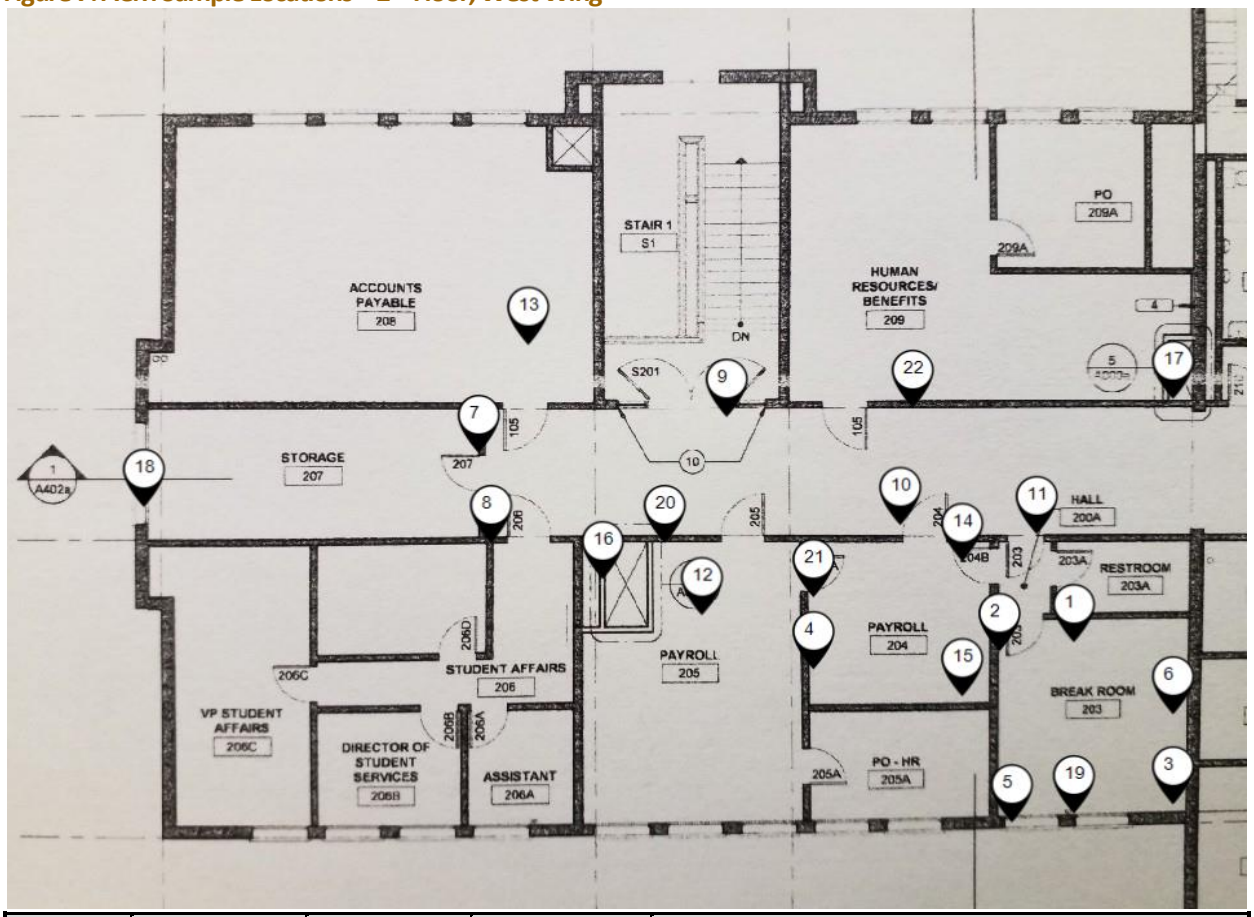
Figure 6: ACM Sample Locations – 2nd Floor, Center



Map ID	Sample ID	Index	Location	Material
1	5222-2F-005	ADV-2F-02	Room 201A	Tan adhesive underneath light blue with white striped carpet
11	5222-2F-016	GWB-2F-01	Room 201A	Orange peel textured gypsum wallboard walls
13	5222-2F-017	GWB-2F-05	Men's Restroom	Orange peel textured gypsum wallboard ceilings
12	5222-2F-018	GWB-2F-05	Room 201A	Orange peel textured gypsum wallboard ceilings
3	5222-2F-019	GWB-2F-02	Room 220	White smooth textured gypsum wallboard walls
5	5222-2F-020	GWB-2F-02	220 Staircase	White smooth textured gypsum wallboard walls
6	5222-2F-021	GWB-2F-02	220 Staircase	White smooth textured gypsum wallboard walls
3	5222-2F-022	GWB-2F-03	Room 220	Unfinished gypsum wallboard walls
2	5222-2F-023	GWB-2F-03	Room 220	Unfinished gypsum wallboard walls
4	5222-2F-024	GWB-2F-03	HVAC closet	Unfinished gypsum wallboard walls
11	5222-2F-028	GWB-2F-05	Room 201A	Orange peel textured gypsum wallboard ceilings
14	5222-2F-029	GWB-2F-05	Men's Restroom	Orange peel textured gypsum wallboard ceilings
15	5222-2F-030	GWB-2F-05	Room 220	Orange peel textured gypsum wallboard ceilings
10	5222-2F-032	PL-2F-01	HVAC closet	Granular texture plaster walls
9	5222-2F-033	PL-2F-01	Hallway	Granular texture plaster walls
8	5222-2F-034	PL-2F-01	Hallway	Granular texture plaster walls
7	5222-2F-042	PL-2F-02	HVAC closet	Granular textured plaster ceilings

Map ID	Sample ID	Index	Location	Material
7	5222-2F-043	PL-2F-02	HVAC closet	Granular textured plaster ceilings
7	5222-2F-044	PL-2F-02	HVAC closet	Granular textured plaster ceilings
16	5222-2F-051	CT-2F-02	Room 211A	2-foot by 4-foot speckled suspended ceiling tiles
18	5222-2F-052	CT-2F-02	Finance and Admin Hallway	2-foot by 4-foot speckled suspended ceiling tiles
17	5222-2F-053	CT-2F-02	Marketing development hallway	2-foot by 4-foot speckled suspended ceiling tiles
18	5222-2F-054	CT-2F-03	Room 211A	2-foot by 4-foot streaked suspended ceiling tile
19	5222-2F-075	MSC-2F-03	Men's Restroom	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud
19	5222-2F-076	MSC-2F-03	Men's Restroom	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud
19	5222-2F-077	MSC-2F-03	Men's Restroom	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud
20	5222-2F-078	MSC-2F-04	Men's Restroom	4-inch by 4-inch tan ceramic tile in bathroom
20	5222-2F-079	MSC-2F-04	Men's Restroom	4-inch by 4-inch tan ceramic tile in bathroom
20	5222-2F-080	MSC-2F-04	Men's Restroom	4-inch by 4-inch tan ceramic tile in bathroom
21	5222-2F-087	TSI-2F-01	Mechanical Room	6-inch white wrap over yellow fiberglass insulation
22	5222-2F-090	MSC-2F-06	Conference Room	Black sink undercoat
22	5222-2F-091	MSC-2F-06	Conference Room	Black sink undercoat
16	5222-2F-092	TSI-2F-02	Marketing development hallway	4-inch white wrap over yellow fiberglass insulation
23	5222-2F-093	TSI-2F-02	Finance and Admin Hallway	4-inch white wrap over yellow fiberglass insulation
24	5222-2F-094	TSI-2F-02	Room 201A	4-inch white wrap over yellow fiberglass insulation
25	5222-2F-095	TSI-2F-03	Marketing development hallway	JETs on 4-inch pipe system
17	5222-2F-096	TSI-2F-03	Finance and Admin Hallway	JETs on 4-inch pipe system
26	5222-2F-097	TSI-2F-03	Room 211B	JETs on 4-inch pipe system
27	5222-2F-098	TSI-2F-04	Room 212G	JETs on 6-inch pipe system
28	5222-2F-099	TSI-2F-04	Room 212A	JETs on 6-inch pipe system
29	5222-2F-100	TSI-2F-04	Room 202	JETs on 6-inch pipe system

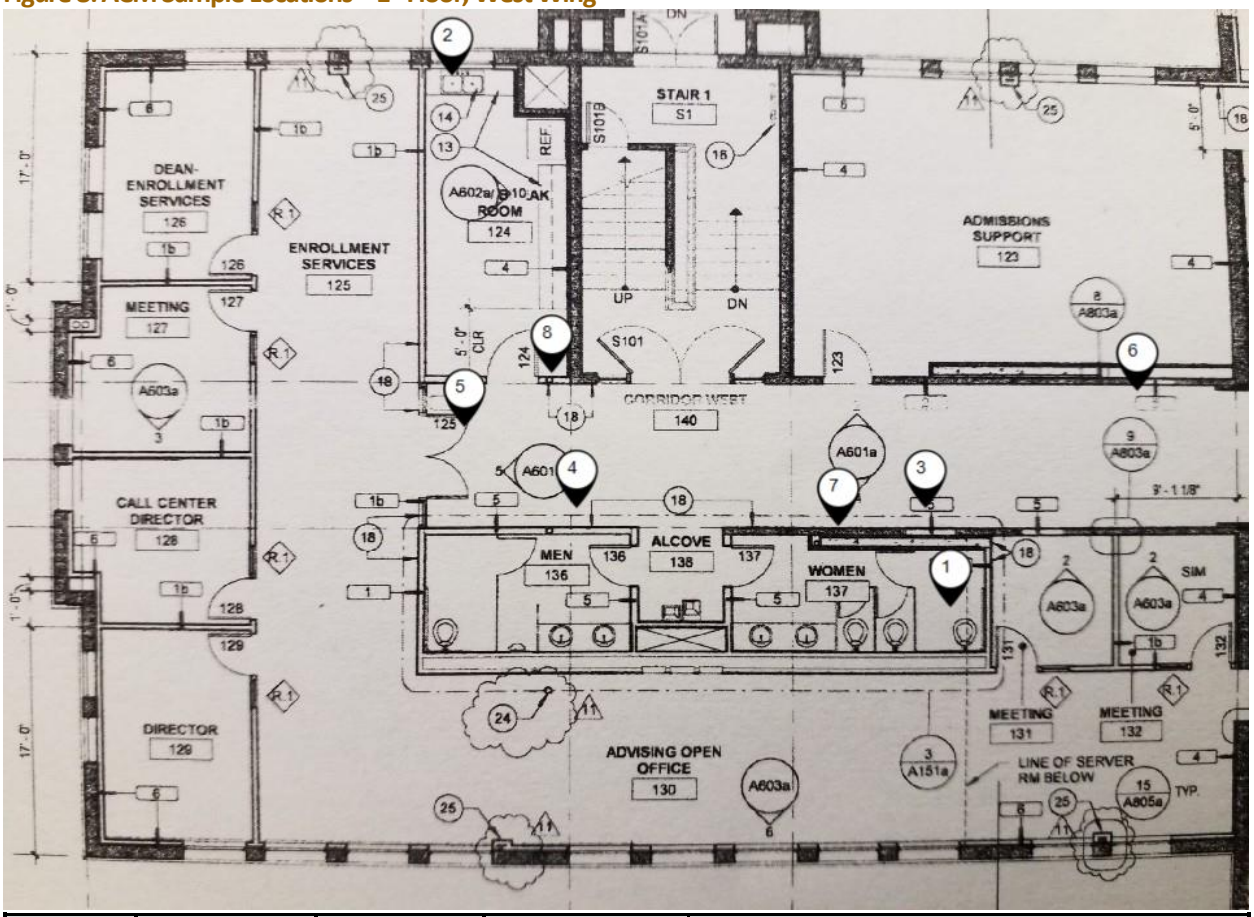
Figure 7: ACM Sample Locations – 2nd Floor, West Wing



Map ID	Sample ID	Index	Location	Material
2	5222-2F-008	ADV-2F-03	Staff Lounge	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive
3	5222-2F-009	ADV-2F-03	Staff Lounge	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive
1	5222-2F-013	SVF-2F-02	Staff Lounge	Gray sheet vinyl flooring underneath staff lounge sink
1	5222-2F-014	SVF-2F-02	Staff Lounge	Gray sheet vinyl flooring underneath staff lounge sink
1	5222-2F-015	SVF-2F-02	Staff Lounge	Gray sheet vinyl flooring underneath staff lounge sink
7	5222-2F-035	PL-2F-01	Hallway	Granular texture plaster walls
8	5222-2F-037	PL-2F-01	Hallway	Granular texture plaster walls
4	5222-2F-041	PL-2F-02	Room 204	Granular textured plaster ceilings
13	5222-2F-055	CT-2F-03	Room 208	2-foot by 4-foot streaked suspended ceiling tile
12	5222-2F-056	CT-2F-03	Room 205	2-foot by 4-foot streaked suspended ceiling tile
5	5222-2F-057	PL-2F-03	Staff Lounge	Rough textured plaster walls in staff lounge
3	5222-2F-058	PL-2F-03	Staff Lounge	Rough textured plaster walls in staff lounge
6	5222-2F-059	PL-2F-03	Staff Lounge	Rough textured plaster walls in staff lounge

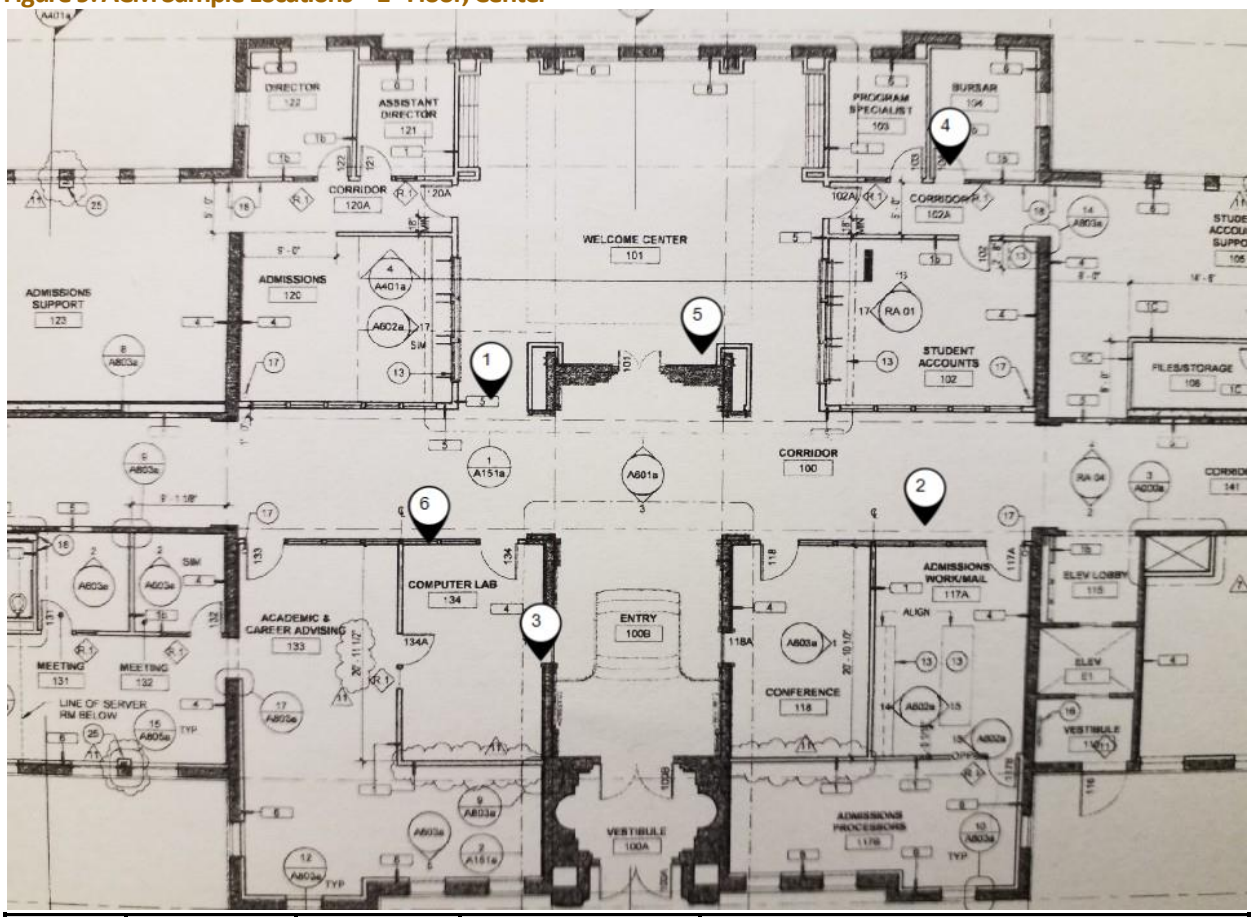
Map ID	Sample ID	Index	Location	Material
17	5222-2F-060	CT-2F-04	Room 209	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office
17	5222-2F-061	CT-2F-04	Room 209	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office
17	5222-2F-062	CT-2F-04	Room 209	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office
7	5222-2F-066	ADV-2F-05	Room 207	Tan adhesive associated with purple multicolored carpet in storage room 207
7	5222-2F-067	ADV-2F-05	Room 207	Tan adhesive associated with purple multicolored carpet in storage room 207
7	5222-2F-068	ADV-2F-05	Room 207	Tan adhesive associated with purple multicolored carpet in storage room 207
9	5222-2F-072	MSC-2F-02	Hallway	Tan adhesive beneath blue carpet over black flooring material over gray felt
10	5222-2F-073	MSC-2F-02	Hallway	Tan adhesive beneath blue carpet over black flooring material over gray felt
11	5222-2F-074	MSC-2F-02	Hallway	Tan adhesive beneath blue carpet over black flooring material over gray felt
14	5222-2F-081	CT-2F-06	Room 204	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll
15	5222-2F-082	CT-2F-06	Room 204	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll
16	5222-2F-083	CT-2F-06	Room 205	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll
20	5222-2F-084	MSC-2F-05	Room 205	Chalkboard in payroll office
20	5222-2F-085	MSC-2F-05	Room 205	Chalkboard in payroll office
20	5222-2F-086	MSC-2F-05	Room 205	Chalkboard in payroll office
18	5222-2F-088	TSI-2F-01	Room 207	6-inch white wrap over yellow fiberglass insulation
19	5222-2F-089	TSI-2F-01	Breakroom	6-inch white wrap over yellow fiberglass insulation
14	5222-2F-101	FB-2F-01	Room 204	4-inch black floor base with tan adhesive
15	5222-2F-102	FB-2F-01	Room 204	4-inch black floor base with tan adhesive
21	5222-2F-103	FB-2F-01	Room 204	4-inch black floor base with tan adhesive
22	6322-2F-007	GWB-2F-06	Hallway	Tan rough dot textured gypsum wallboard patch around electrical panel
22	6322-2F-008	GWB-2F-06	Hallway	Tan rough dot textured gypsum wallboard patch around electrical panel
22	6322-2F-009	GWB-2F-06	Hallway	Tan rough dot textured gypsum wallboard patch around electrical panel

Figure 8: ACM Sample Locations – 1st Floor, West Wing



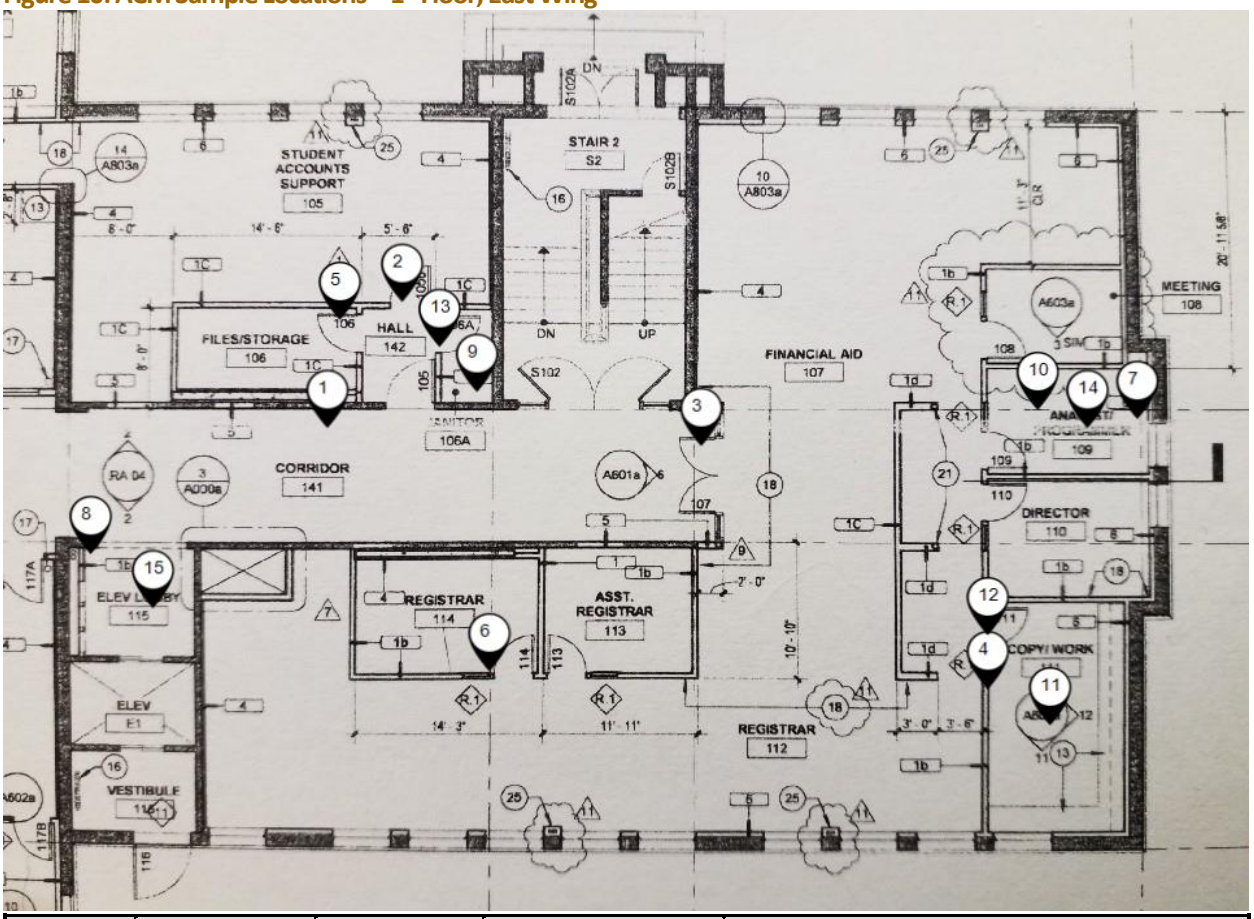
Map ID	Sample ID	Index	Location	Material
6	5322-1F-010	GWB-1F-01	Hallway	Rough textured gypsum wallboard walls
6	5322-1F-011	GWB-1F-01	Hallway	Rough textured gypsum wallboard walls
7	5322-1F-012	GWB-1F-01	Hallway	Rough textured gypsum wallboard walls
1	5322-1F-021	CT-1F-01	Women's Bathroom	2-foot by 4-foot rough textured ceiling tile
8	5322-1F-023	SVF-1F-01	Copy Room 114	Dark gray sheet vinyl flooring with tan adhesive
1	5322-1F-030	TSI-1F-02	Women's Bathroom	6-inch JETs on pipe system
2	5322-1F-031	MSC-1F-01	Copy Room 114	Light gray sink undercoat
2	5322-1F-032	MSC-1F-01	Copy Room 114	Light gray sink undercoat
3	5322-1F-033	PL-1F-01	Hallway	Rough textured plaster ceilings
4	5322-1F-034	PL-1F-01	Hallway	Rough textured plaster ceilings
5	5322-1F-035	PL-1F-01	Hallway	Rough textured plaster ceilings

Figure 9: ACM Sample Locations – 1st Floor, Center



Map ID	Sample ID	Index	Location	Material
3	5322-1F-002	ADV-1F-01	West Conference Room	Tan adhesive associated with multicolored carpet
4	5322-1F-003	ADV-1F-01	Room 101B	Tan adhesive associated with multicolored carpet
5	5322-1F-005	ADV-1F-02	Welcome Center	Adhesive associated with dark gray carpet
3	5322-1F-006	ADV-1F-02	West Conference Room	Adhesive associated with dark gray carpet
6	5322-1F-015	GWB-1F-02	West Conference Room	White smooth textured gypsum wallboard walls
1	5322-1F-026	TSI-1F-01	Welcome Center	6-inch pipe insulation
1	5322-1F-029	TSI-1F-02	Welcome Center	6-inch JETs on pipe system
2	5322-1F-036	PL-1F-01	Hallway	Rough textured plaster ceilings

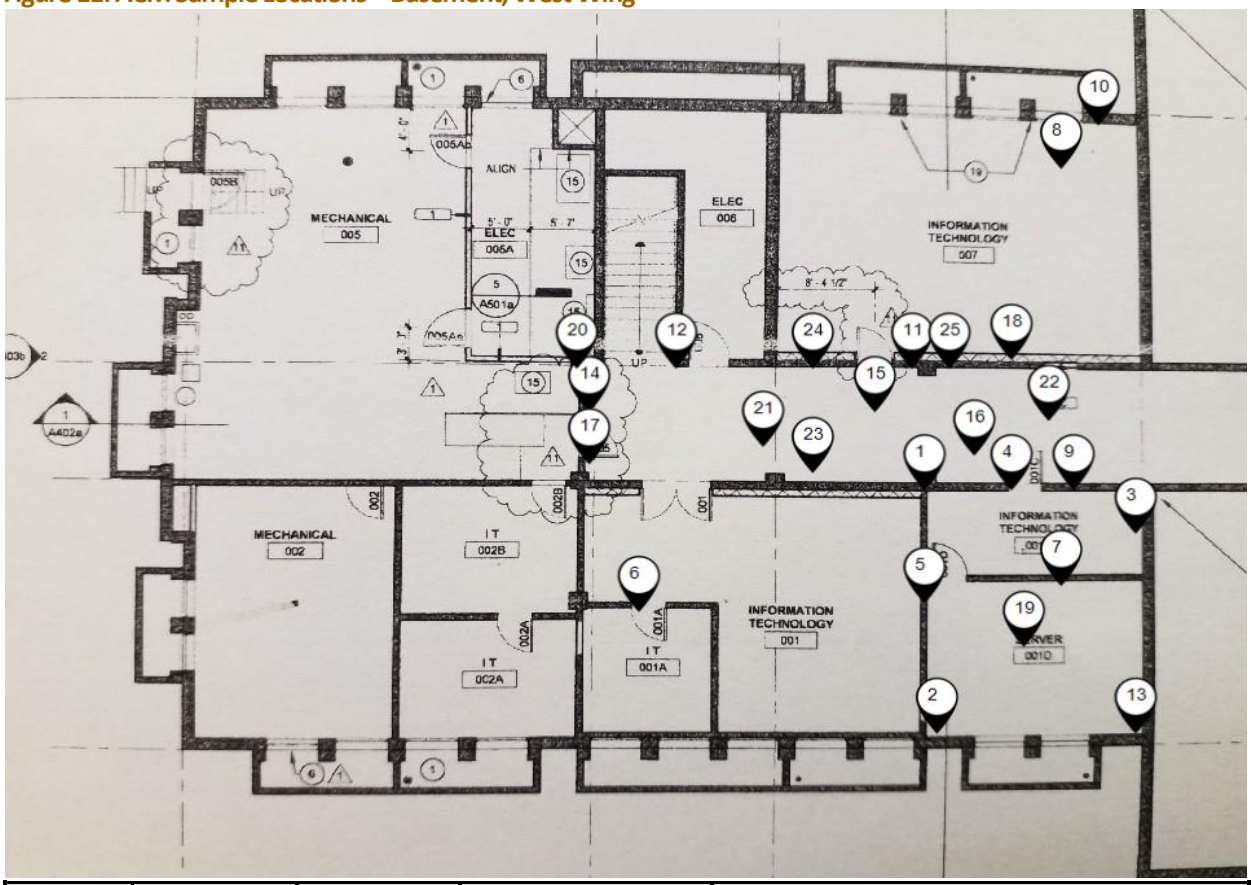
Figure 10: ACM Sample Locations – 1st Floor, East Wing



Map ID	Sample ID	Index	Location	Material
2	5322-1F-001	ADV-1F-01	Student Accounts Support	Tan adhesive associated with multicolored carpet
3	5322-1F-004	ADV-1F-02	Financial Aid Office	Adhesive associated with dark gray carpet
4	5322-1F-007	FB-1F-01	Financial Aid Copy Room	4-inch dark gray floor base
5	5322-1F-008	FB-1F-01	Room 106	4-inch dark gray floor base
6	5322-1F-009	FB-1F-01	Room 114	4-inch dark gray floor base
7	5322-1F-013	GWB-1F-02	Room 109	White smooth textured gypsum wallboard walls
8	5322-1F-014	GWB-1F-02	Room 115	White smooth textured gypsum wallboard walls
9	5322-1F-016	MSC-1F-02	Janitor Closet	Tan adhesive over gray leveling compound on wood subfloor
9	5322-1F-017	MSC-1F-02	Janitor Closet	Tan adhesive over gray leveling compound on wood subfloor
9	5322-1F-018	MSC-1F-02	Janitor Closet	Tan adhesive over gray leveling compound on wood subfloor
10	5322-1F-019	CT-1F-01	Room 109	2-foot by 4-foot rough textured ceiling tile

Map ID	Sample ID	Index	Location	Material
11	5322-1F-020	CT-1F-01	Financial Aid Copy Room	2-foot by 4-foot rough textured ceiling tile
12	5322-1F-022	SVF-1F-01	Financial Aid Copy Room	Dark gray sheet vinyl flooring with tan adhesive
13	5322-1F-024	SVF-1F-01	Janitor Closet	Dark gray sheet vinyl flooring with tan adhesive
14	5322-1F-025	TSI-1F-01	Room 109	6-inch pipe insulation
15	5322-1F-027	TSI-1F-01	Elevator Lobby	6-inch pipe insulation
14	5322-1F-028	TSI-1F-02	Room 109	6-inch JETs on pipe system
1	5322-1F-037	PL-1F-01	Hallway	Rough textured plaster ceilings

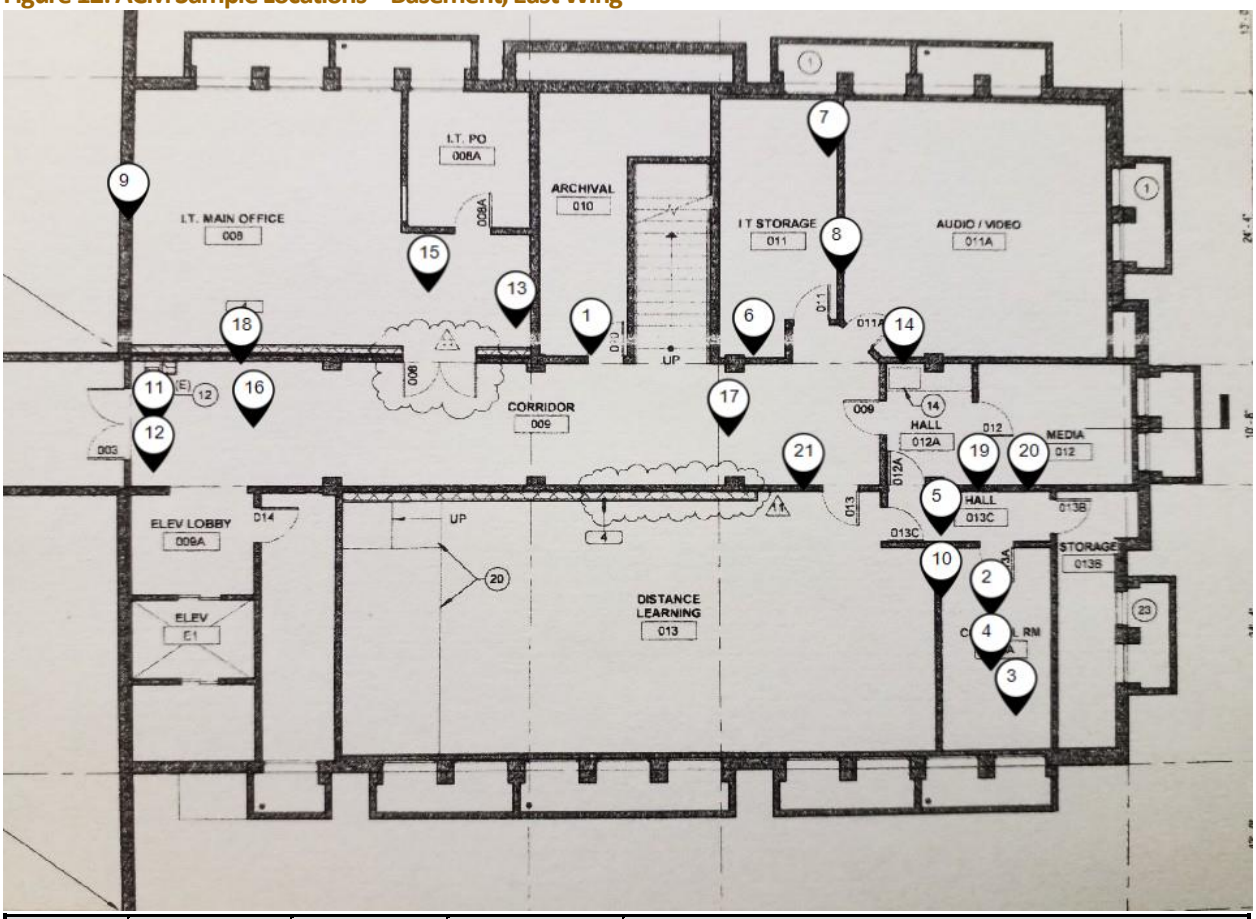
Figure 11: ACM Sample Locations – Basement, West Wing



Map ID	Sample ID	Index	Location	Material
1	5322-B-001	VT-B-01	IT Room	9-inch tan vinyl tile with green streaks
2	5322-B-002	VT-B-01	Server Room	9-inch tan vinyl tile with green streaks
2	5322-B-003	VT-B-01	Server Room	9-inch tan vinyl tile with green streaks
1	5322-B-004	VT-B-02	IT Room	12-inch tan vinyl tile with grey streaks
3	5322-B-005	VT-B-02	IT Room	12-inch tan vinyl tile with grey streaks
3	5322-B-006	VT-B-02	IT Room	12-inch tan vinyl tile with grey streaks
4	5322-B-007	VT-B-03	IT Room	12-inch tan vinyl tile with brown blobs
2	5322-B-008	VT-B-03	Server Room	12-inch tan vinyl tile with brown blobs
2	5322-B-009	VT-B-03	Server Room	12-inch tan vinyl tile with brown blobs
5	5322-B-010	VT-B-04	Server Room	9-inch green vinyl tile with tan streaks
5	5322-B-011	VT-B-04	Server Room	9-inch green vinyl tile with tan streaks
5	5322-B-012	VT-B-04	Server Room	9-inch green vinyl tile with tan streaks
6	5322-B-013	ADV-B-01	Room 001B	Tan adhesive associated with tan/gray carpet
4	5322-B-014	ADV-B-01	IT Room	Tan adhesive associated with tan/gray carpet
7	5322-B-019	GWB-B-01	Server Room	Smooth Gypsum Wallboard
8	5322-B-020	GWB-B-01	Veteran Resource Center Storage	Smooth Gypsum Wallboard
9	5322-B-025	SUR-B-01	IT Room	Granular texture on concrete
9	5322-B-026	SUR-B-01	IT Room	Granular texture on concrete

Map ID	Sample ID	Index	Location	Material
9	5322-B-027	SUR-B-01	IT Room	Granular texture on concrete
10	5322-B-031	PL-B-01	Veteran Resource Center Storage	Granular textured plaster walls
11	5322-B-032	PL-B-01	Hallway	Granular textured plaster walls
12	5322-B-033	PL-B-01	Hallway	Granular textured plaster walls
13	5322-B-034	FB-B-01	Server Room	4-inch black floor base with tan adhesive
13	5322-B-035	FB-B-01	Server Room	4-inch black floor base with tan adhesive
13	5322-B-036	FB-B-01	Server Room	4-inch black floor base with tan adhesive
8	5322-B-037	FB-B-02	Veteran Resource Center Storage	4-inch dark gray floor base with tan adhesive
14	5322-B-043	TSI-B-01	Hallway	4-inch fiberglass pipe insulation
14	5322-B-046	TSI-B-02	Hallway	4-inch fiberglass pipe JETs
15	5322-B-047	TSI-B-02	Hallway	4-inch fiberglass pipe JETs
14	5322-B-049	TSI-B-03	Hallway	6-inch fiberglass pipe insulation
16	5322-B-052	TSI-B-04	Hallway	6-inch fiberglass pipe jets
16	5322-B-054	TSI-B-04	Hallway	6-inch fiberglass pipe jets
14	5322-B-055	TSI-B-05	Hallway	8-inch fiberglass pipe insulation
17	5322-B-060	TSI-B-06	Hallway	8-inch fiberglass pipe jets
14	5322-B-061	SEA-B-01	Hallway	Red pipe sealant
18	5322-B-062	SEA-B-01	Hallway	Red pipe sealant
19	5322-B-067	CT-B-02	Server Room	1-foot by 2-foot ceiling tile
19	5322-B-068	CT-B-02	Server Room	1-foot by 2-foot ceiling tile
17	5322-B-069	SEA-B-02	Hallway	Dark red sealant
17	5322-B-070	SEA-B-02	Hallway	Dark red sealant
17	5322-B-071	SEA-B-02	Hallway	Dark red sealant
3	5322-B-072	VT-B-05	IT Room	12-inch tan vinyl tile with brown streaks
3	5322-B-073	VT-B-05	IT Room	12-inch tan vinyl tile with brown streaks
3	5322-B-074	VT-B-05	IT Room	12-inch tan vinyl tile with brown streaks
20	5322-B-075	PL-B-02	Hallway	Granular plaster ceilings
21	5322-B-076	PL-B-02	Hallway	Granular plaster ceilings
22	5322-B-077	PL-B-02	Hallway	Granular plaster ceilings
14	5322-B-082	TSI-B-07	Hallway	White chalky 4-inch pipe insulation
11	5322-B-083	TSI-B-07	Hallway	White chalky 4-inch pipe insulation
23	6322-B-005	West Wing	PL-B-01	Granular textured plaster walls
24	6322-B-006	West Wing	PL-B-01	Granular textured plaster walls
20	6322-B-009	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations
25	6322-B-010	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations
20	6322-B-011	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations
14	6322-B-012	West Wing	PL-B-02	Granular plaster ceilings

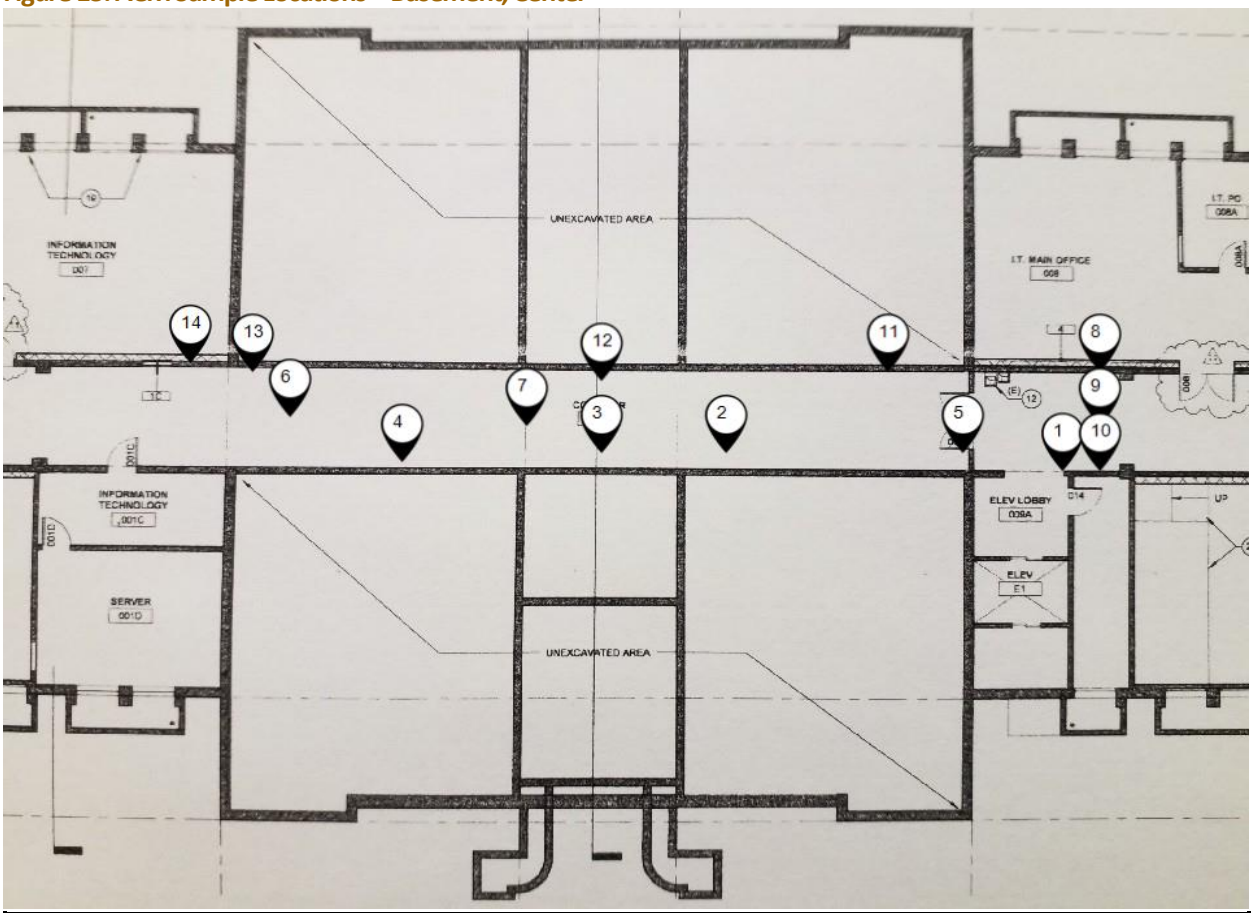
Figure 12: ACM Sample Locations – Basement, East Wing



Map ID	Sample ID	Index	Location	Material
1	5322-B-015	ADV-B-01	Archival	Tan adhesive associated with tan/gray carpet
2	5322-B-016	ADV-B-02	Recording Studio	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles
4	5322-B-017	ADV-B-02	Room 013C	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles
3	5322-B-018	ADV-B-02	Recording Studio	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles
5	5322-B-021	GWB-B-01	Room 013C	Smooth Gypsum Wallboard
6	5322-B-022	GWB-B-02	Room 011	Rough gypsum wallboard
7	5322-B-023	GWB-B-02	Room 011	Rough gypsum wallboard
8	5322-B-024	GWB-B-02	Room 011A	Rough gypsum wallboard
9	5322-B-028	CT-B-01	Room 008	1-foot by 1-foot ceiling tile on walls
9	5322-B-029	CT-B-01	Room 008	1-foot by 1-foot ceiling tile on walls
9	5322-B-030	CT-B-01	Room 008	1-foot by 1-foot ceiling tile on walls
10	5322-B-040	FB-B-03	Recording Studio	6-inch dark gray floor base
10	5322-B-041	FB-B-03	Recording Studio	6-inch dark gray floor base

Map ID	Sample ID	Index	Location	Material
10	5322-B-042	FB-B-03	Recording Studio	6-inch dark gray floor base
11	5322-B-045	TSI-B-01	Hallway	4-inch fiberglass pipe insulation
12	5322-B-048	TSI-B-02	Hallway	4-inch fiberglass pipe JETs
13	5322-B-057	TSI-B-05	Room 008	8-inch fiberglass pipe insulation
13	5322-B-058	TSI-B-06	Room 008	8-inch fiberglass pipe jets
14	5322-B-064	MSC-B-01	Area 012A	White sink undercoat
14	5322-B-065	MSC-B-01	Area 012A	White sink undercoat
15	5322-B-066	CT-B-02	Room 008	1-foot by 2-foot ceiling tile
16	5322-B-080	PL-B-02	Hallway	Granular plaster ceilings
17	5322-B-081	PL-B-02	Hallway	Granular plaster ceilings
18	5322-B-084	TSI-B-07	Hallway	White chalky 4-inch pipe insulation
19	6322-B-001	SUR-B-01	Hallway	Granular texture on concrete
19	6322-B-002	SUR-B-01	Hallway	Granular texture on concrete
20	6322-B-003	SUR-B-01	Hallway	Granular texture on concrete
20	6322-B-004	SUR-B-01	Hallway	Granular texture on concrete
21	6322-B-008	PL-B-01	Hallway	Granular textured plaster walls

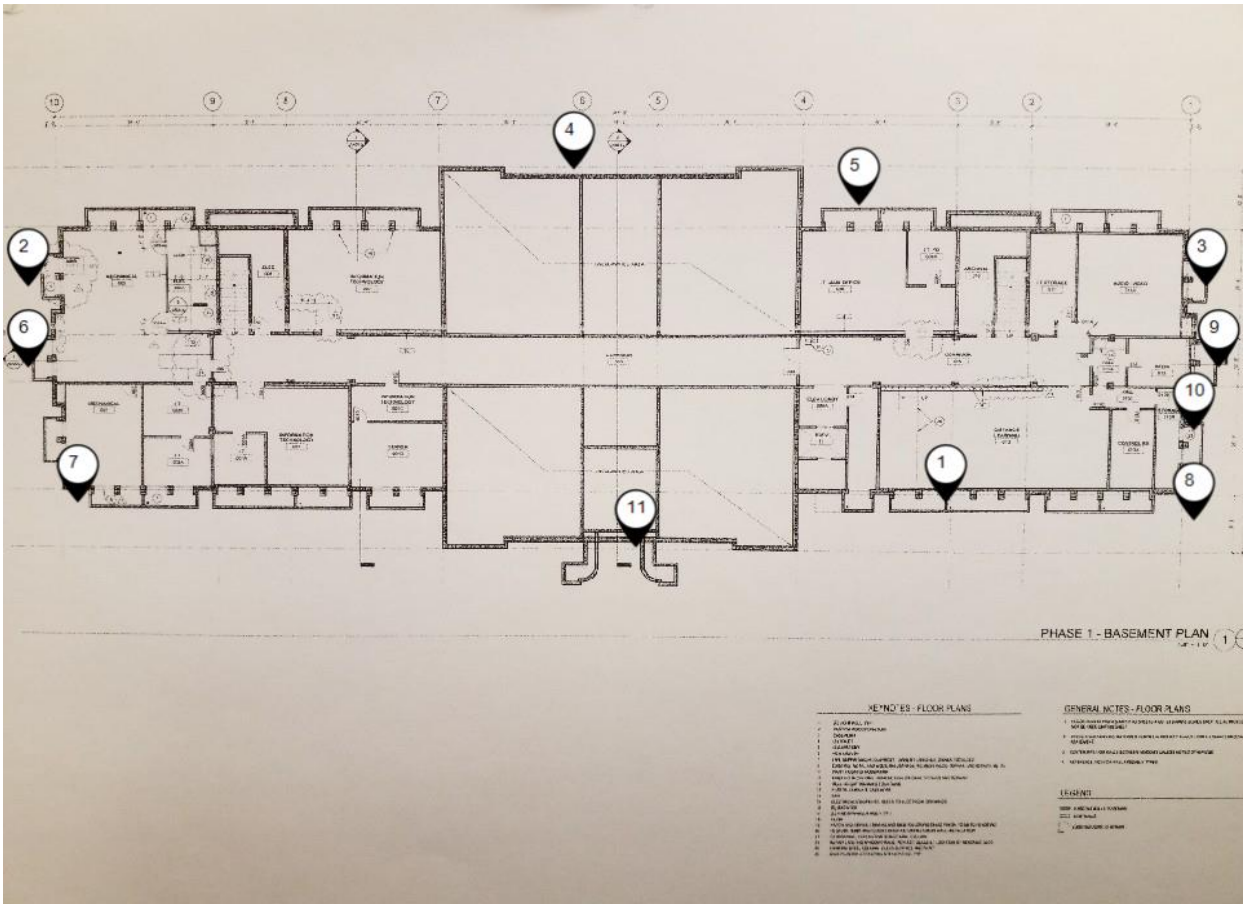
Figure 13: ACM Sample Locations – Basement, Center



Map ID	Sample ID	Index	Location	Material
1	5322-B-038	FB-B-02	Elevator lobby	4-inch dark gray floor base with tan adhesive
1	5322-B-039	FB-B-02	Elevator lobby	4-inch dark gray floor base with tan adhesive
2	5322-B-044	TSI-B-01	Hallway	4-inch fiberglass pipe insulation
2	5322-B-050	TSI-B-03	Hallway	6-inch fiberglass pipe insulation
3	5322-B-051	TSI-B-03	Hallway	6-inch fiberglass pipe insulation
4	5322-B-053	TSI-B-04	Hallway	6-inch fiberglass pipe jets
2	5322-B-056	TSI-B-05	Hallway	8-inch fiberglass pipe insulation
4	5322-B-059	TSI-B-06	Hallway	8-inch fiberglass pipe jets
5	5322-B-063	SEA-B-01	Hallway	Red pipe sealant
6	5322-B-078	PL-B-02	Hallway	Granular plaster ceilings
7	5322-B-079	PL-B-02	Hallway	Granular plaster ceilings
8	5322-B-085	TSI-B-08	Hallway	White chalky 6-inch pipe insulation
9	5322-B-086	TSI-B-08	Hallway	White chalky 6-inch pipe insulation
10	5322-B-087	TSI-B-08	Hallway	White chalky 6-inch pipe insulation
11	5322-B-088	TSI-B-09	Hallway	JETs associated with chalky 4-inch pipe insulation
12	5322-B-089	TSI-B-09	Hallway	JETs associated with chalky 4-inch pipe insulation

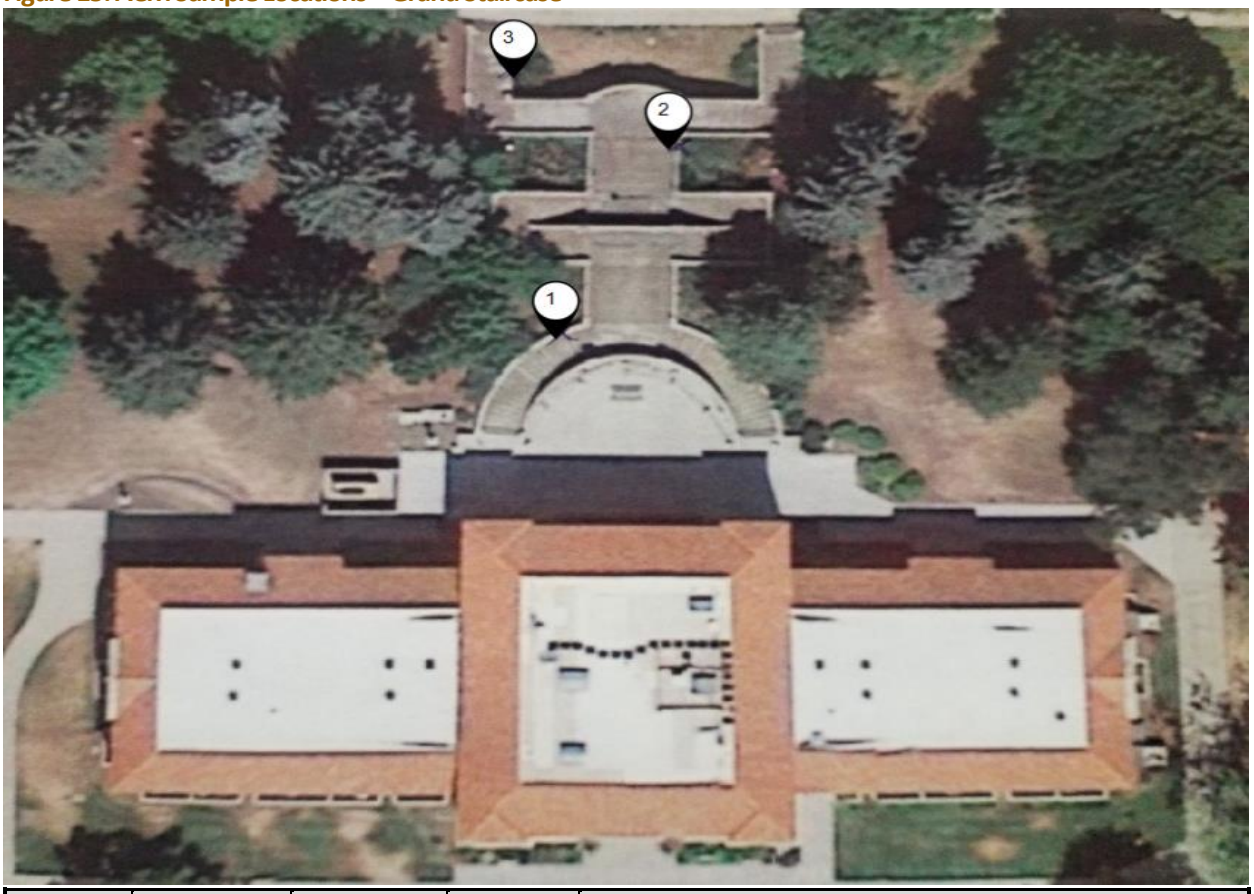
Map ID	Sample ID	Index	Location	Material
13	5322-B-090	TSI-B-09	Hallway	JETs associated with chalky 4-inch pipe insulation
14	6322-B-007	PL-B-01	Hallway	Granular textured plaster walls

Figure 14: ACM Sample Locations – Exterior



Map ID	Sample ID	Index	Location	Material
1	5322-E-001	WG-E-01	South	Thick window glazing on basement windows
2	5322-E-002	WG-E-01	West	Thick window glazing on basement windows
3	5322-E-003	WG-E-01	East	Thick window glazing on basement windows
4	5322-E-004	SUR-E-01	North	Tan stucco on exterior walls
6	5322-E-005	SUR-E-01	West	Tan stucco on exterior walls
7	5322-E-006	SUR-E-01	South	Tan stucco on exterior walls
8	5322-E-007	SUR-E-01	South	Tan stucco on exterior walls
9	5322-E-008	SUR-E-01	East	Tan stucco on exterior walls
10	5322-E-009	SUR-E-01	East	Tan stucco on exterior walls
5	5322-E-010	SUR-E-01	North	Tan stucco on exterior walls
6	5322-E-011	DP-E-01	West	Tan door putty around old basement door
6	5322-E-012	DP-E-01	West	Tan door putty around old basement door
6	5322-E-013	DP-E-01	West	Tan door putty around old basement door
11	5322-E-014	DP-E-02	South	Tan door putty around new exterior door
11	5322-E-015	DP-E-02	South	Tan door putty around new exterior door
11	5322-E-016	DP-E-02	South	Tan door putty around new exterior door

Figure 15: ACM Sample Locations – Grand Staircase



Map ID	Sample ID	Index	Location	Material
1	5322-E-017	SEA-E-01	Grand Staircase	Light gray staircase sealant/caulking
2	5322-E-018	SEA-E-01	Grand Staircase	Light gray staircase sealant/caulking
3	5322-E-019	SEA-E-01	Grand Staircase	Light gray staircase sealant/caulking

APPENDIX A

Professional Certifications

Certificate of Completion

This is to certify that

Brayan Rosas

has satisfactorily completed
4 hours of online refresher training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

184841
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Apr 22, 2022 Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

Instructor: Andre Zwanenburg

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

Certificate of Completion

This is to certify that

Nicholas Gulling

has satisfactorily completed
4 hours of online refresher training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

184823
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Apr 22, 2022 Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

Instructor: Andre Zwanenburg

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

Certificate of Completion

This is to certify that

Roque E. Reyes

has satisfactorily completed
4 hours of online refresher training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

183074
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Nov 24, 2021 Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

Instructor: David Welch

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

HEALTH
UNIVERSITY OF UTAH

Rocky Mountain Center
for Occupational and Environmental Health
Department of Family & Preventive Medicine
PO Box 58088
Salt Lake City UT 84158
Phone: (801) 581-4055
Fax: (801) 585-5275

THIS CERTIFIES THAT

Ryan K. Mathews

HAS COMPLETED THE REQUISITE TRAINING FOR ASBESTOS ACCREDITATION UNDER TSCA TITLE II

ATTENDED AN ANNUAL REFRESHER COURSE IN

PRACTICES AND PROCEDURES IN ASBESTOS ABATEMENT

Asbestos Inspector/Management Planner Refresher

DATE: April 30, 2021
NUMBER: W 210397
EXPIRES: April 30, 2022
CREDITS: 0.80 CEUs / 1.34 ABIH CM Points

Luz E. Dominguez
Luz E. Dominguez
Continuing Education - Operations Manager

Certificate of Completion

This is to certify that

Ryan K. Mathews

has satisfactorily completed
8 hours of online refresher training as an

AHERA Project Designer

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

184143
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Mar 14, 2022 Expires in 1 year.
Date(s) of Training

Exam Score: N/A
(if applicable)

Instructor: Andre Zwanenburg

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

INSTITUTE OF HAZARDOUS MATERIALS MANAGEMENT

THIS CERTIFIES THAT

RYAN K. MATHEWS

HAS SUCCESSFULLY MET ALL THE REQUIREMENTS OF EDUCATION, EXPERIENCE AND EXAMINATION, AND IS HEREBY DESIGNATED A

CERTIFIED HAZARDOUS MATERIALS MANAGER
CHMM

January 31, 2007
DATE OF CERTIFICATION

14149
CREDENTIAL NUMBER

January 31, 2023
CERTIFICATION EXPIRES

EXECUTIVE DIRECTOR

VALID SO LONG AS THIS CREDENTIAL IS RENEWED ACCORDING TO SCHEDULE AND IS NOT OTHERWISE REVOKED.

ANSI Accredited Program PERSONNEL CERTIFICATION

Accredited by the American National Standards Institute and the Council of Engineering and Scientific Specialty Boards

The Board for Global EHS Credentialing (BGC)

through its vested authority, hereby confirms that

Ryan K. Mathews

has met all requirements of education, experience, and examination, and on-going maintenance set forth through the BGC's American Board of Industrial Hygiene® (ABIH®) credentialing division for re-certification in the Comprehensive Practice of Industrial Hygiene and is thereby conferred the credential of

Certified Industrial Hygienist® (CIH®)

The aforenamed individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of the CIH credential, provided that the credential is not suspended or revoked, and it is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.

Credential Number:	9916 CP
Award Date:	May 6, 2011
Expiration Date:	December 1, 2026

Alan Leibowitz, CIH, CSP, FAIHA
Chair of the Board of Directors

Ulric K. Chung, MCS, PhD
Chief Executive Officer and Secretary

APPENDIX B

Site Photographs

South exterior of Inlow Hall building.

North exterior of Inlow Hall building.

Black sealant on center roof corners found to be asbestos containing.

Black sealant associated with black built-up roofing with tar layer around roof perimeter found to be asbestos containing.

Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive in staff break room found to be asbestos containing.

Granular texture plaster walls in room 218C found to be asbestos containing.

9-inch tan vinyl tile with green streaks and 12-inch tan vinyl tile with brown streaks in the basement IT room found to be asbestos containing.

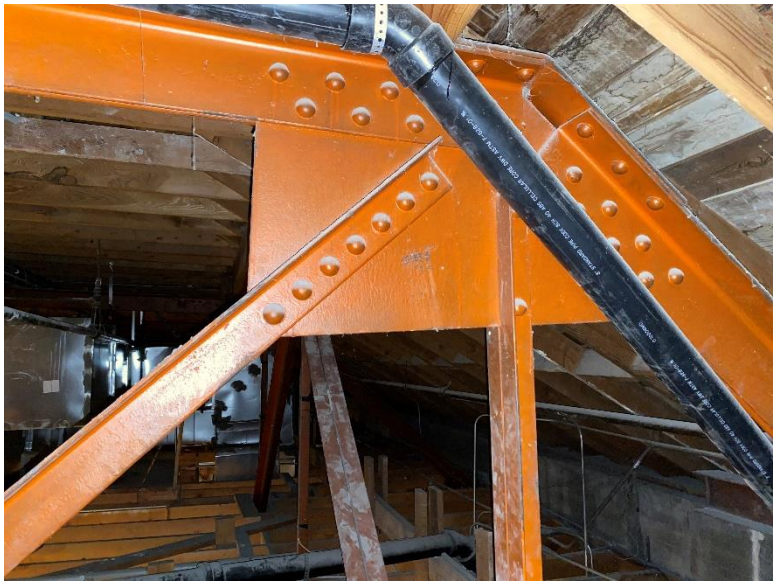
Plaster patch around pipe hanger penetrations in basement west wing hallway found to be asbestos containing.

Penetrations along the basement hallway were observed with the asbestos containing plaster patch.

4-inch and 6-inch white chalky pipe insulation in basement found to be asbestos containing.

Thick window glazing around basement windows found to be asbestos containing.

Light gray staircase sealant/caulking on the grand staircase found to be asbestos containing.

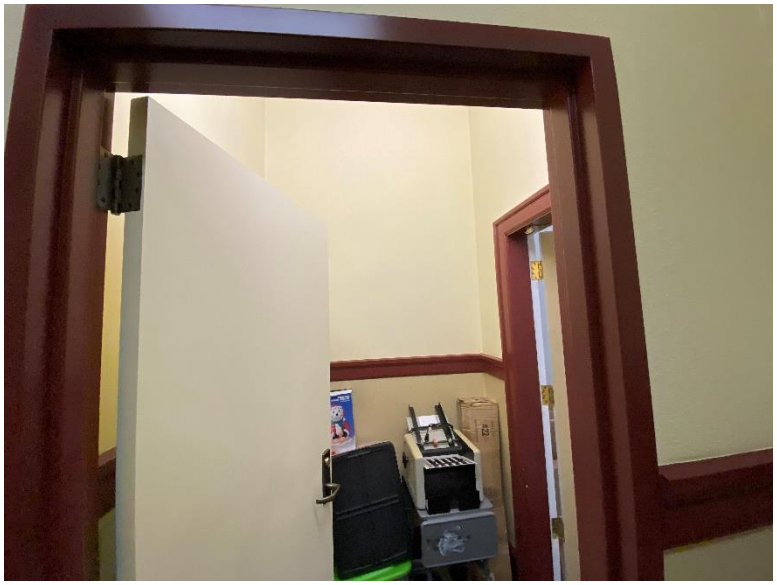


Orange paint on structural steel in the mezzanine contains lead.

Red paint on steel beams in the mezzanine contains lead.

White paint on plaster walls on the second floor contains lead.

Tan paint on plaster walls on the second floor contains lead.

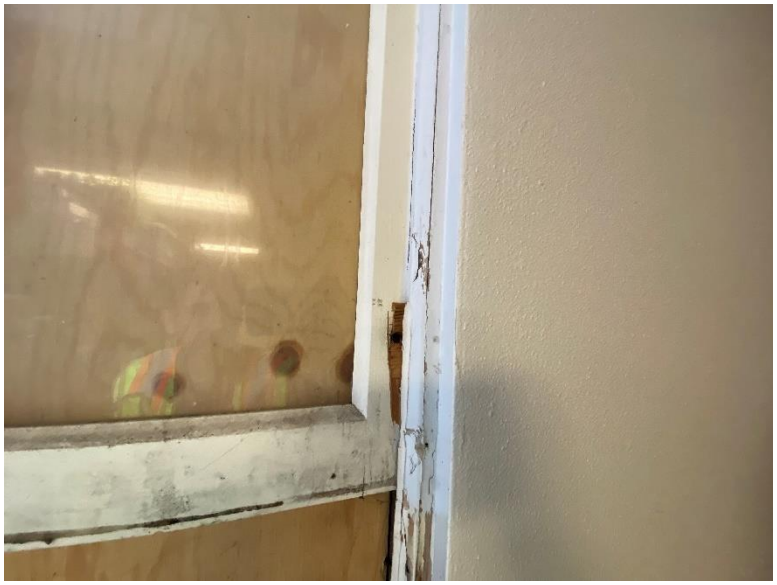


Red paint on metal door frame on the second floor contains lead.

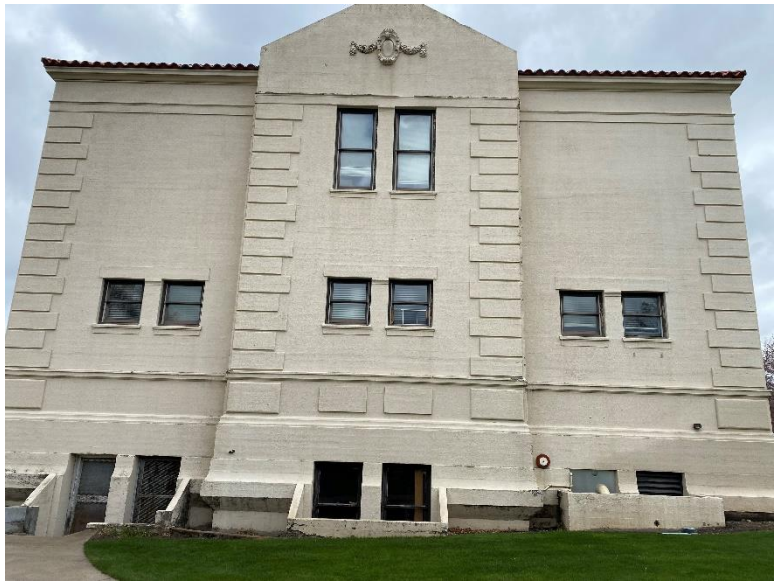
White paint on wood window sill on the second floor contains lead.

Gray paint on wood door frame on the first floor contains lead.

Green paint on concrete wall in the basement contains lead.



White paint on wood windowsill in the basement contains lead.



Black paint on wood exterior windows on the basement, first, and second floor contains lead.

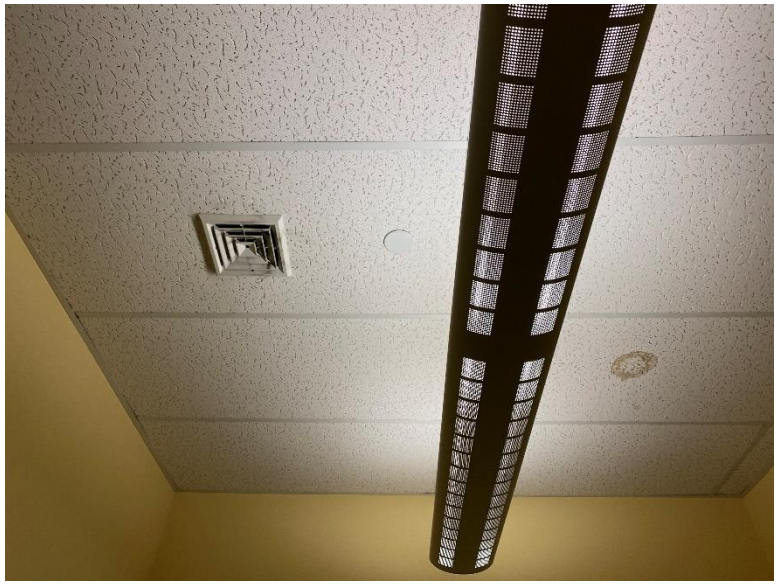
White paint on wood exterior door to the basement contains lead.

Gray paint on wood exterior windows of the basement contains lead.

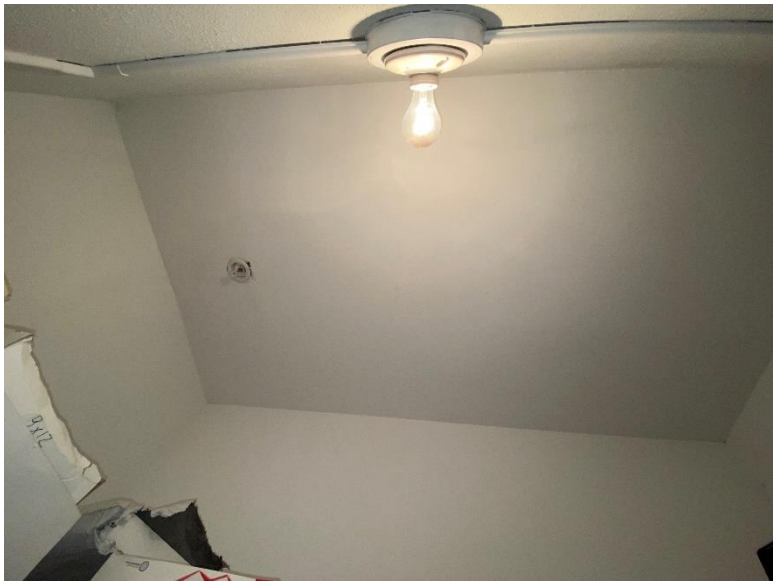
Typical 4-foot lamp fixture in mezzanine.

CFLs were observed in the mezzanine lamp in mezzanine.

Box-style 4-foot lamp fixture on the second floor.



Rounded 4-foot lamp fixture on the second floor.



CFL lamp on the second floor.

Rounded 4-foot lamp fixture on the first floor.

CFL lamp fixture on the first floor.

Suspended 4-foot lamp fixture on the first floor.

Suspended 4-foot lamp fixture in the basement.

CFL lamp fixtures in the basement.

4-foot lamp fixtures in the mechanical room in the basement.

Rooftop HVAC units on the east roof.

Light gray caulking on grand staircase sampled for PCB analysis.

Dark gray caulking on grand staircase sampled for PCB analysis.

Tan hard caulking at main entrance sampled for PCB analysis.

South exterior door with tan door putty sampled for PCB analysis.

APPENDIX C

Asbestos Containing Material Results

Asbestos Containing Materials Summary Results – Inlow Hall, Roof

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-CR-01	Aerobiology	Center	Roof	RFM-CR-01	White tarp layers over gray chalky material over styrofoam layer	3	Composite		No	Non-Friable	Good	No
5322-CR-01 Layer 1	Aerobiology	Center	Roof	-	Cream/Green Membrane	-	ND		No	Non-Friable	Good	No
5322-CR-01 Layer 2	Aerobiology	Center	Roof	-	Gray Gypsum Material with Brown/Off White Tape	-	ND		No	Non-Friable	Good	No
5322-CR-01 Layer 3	Aerobiology	Center	Roof	-	White Foamy Material	-	ND		No	Non-Friable	Good	No
5322-CR-02	Aerobiology	Center	Roof	RFM-CR-01	White tarp layers over gray chalky material over styrofoam layer	3	Composite		No	Non-Friable	Good	No
5322-CR-02 Layer 1	Aerobiology	Center	Roof	-	Cream/Green Membrane	-	ND		No	Non-Friable	Good	No
5322-CR-02 Layer 2	Aerobiology	Center	Roof	-	Gray Gypsum Material with Dark Brown Tape	-	ND		No	Non-Friable	Good	No
5322-CR-02 Layer 3	Aerobiology	Center	Roof	-	White Foamy Material	-	ND		No	Non-Friable	Good	No
5322-CR-03	Aerobiology	Center	Roof	RFM-CR-01	White tarp layers over gray chalky material over styrofoam layer	3	Composite		No	Non-Friable	Good	No
5322-CR-03 Layer 1	Aerobiology	Center	Roof	-	Cream/Green Membrane	-	ND		No	Non-Friable	Good	No
5322-CR-03 Layer 2	Aerobiology	Center	Roof	-	Gray Gypsum Material with Brown/Off White Tape	-	ND		No	Non-Friable	Good	No
5322-CR-03 Layer 3	Aerobiology	Center	Roof	-	White Foamy Material	-	ND		No	Non-Friable	Good	No
5322-CR-04	Aerobiology	Center	Roof	RFM-CR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-CR-05	Aerobiology	Center	Roof	RFM-CR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-CR-06	Aerobiology	Center	Roof	RFM-CR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-CR-07	Aerobiology	Center	Roof	SEA-CR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-CR-08	Aerobiology	Center	Roof	SEA-CR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-CR-09	Aerobiology	Center	Roof	SEA-CR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-CR-10	Aerobiology	Center	Roof	SEA-CR-02	Tan sealant around perimeter	1	ND		No	Non-Friable	Good	No
5322-CRD-10[2]	NVL	Center	Roof	SEA-CR-02	Tan sealant around perimeter	1	ND		No	Non-Friable	Good	No
5322-CR-11	Aerobiology	Center	Roof	SEA-CR-02	Tan sealant around perimeter	2	Composite		No	Non-Friable	Good	No
5322-CR-11 Layer 1	Aerobiology	Center	Roof	-	Tan Sealant	-	ND		No	Non-Friable	Good	No
5322-CR-11 Layer 2	Aerobiology	Center	Roof	-	White Coating	-	ND		No	Non-Friable	Good	No
5322-CR-12	Aerobiology	Center	Roof	SEA-CR-02	Tan sealant around perimeter	1	ND		No	Non-Friable	Good	No
5322-CR-13	Aerobiology	Center	Roof	SEA-CR-03	Black sealant on center roof corners	1	**12% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-CR-14	Aerobiology	Center	Roof	SEA-CR-03	Black sealant on center roof corners	N/A	Not Analyzed	*Refer to sample 5322-CR-13 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-CR-15	Aerobiology	Center	Roof	SEA-CR-03	Black sealant on center roof corners	N/A	Not Analyzed	*Refer to sample 5322-CR-13 for sample analysis*	**Yes**	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-CRD-15[2]	NVL	Center	Roof	SEA-CR-03	Black sealant on center roof corners	1	**5% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-CR-16	Aerobiology	Center	Roof	RFM-CR-03	Black built up roofing with tar layer around roof perimeter	6	Composite	**7% Chrysotile** in black sealant	**Yes**	Non-Friable	Good	No
5322-CR-16 Layer 1	Aerobiology	Center	Roof	-	Black Tar	-	ND		No	Non-Friable	Good	No
5322-CR-16 Layer 2	Aerobiology	Center	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-CR-16 Layer 3	Aerobiology	Center	Roof	-	Black Sealant	-	**7% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-CR-16 Layer 4	Aerobiology	Center	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-CR-16 Layer 5	Aerobiology	Center	Roof	-	Black Tar	-	ND		No	Non-Friable	Good	No
5322-CR-16 Layer 6	Aerobiology	Center	Roof	-	Black Multilayered Felt	-	ND		No	Non-Friable	Good	No
5322-CR-17	Aerobiology	Center	Roof	RFM-CR-03	Black built up roofing with tar layer around roof perimeter	N/A	Not Analyzed	*Refer to sample 5322-CR-16 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-CR-18	Aerobiology	Center	Roof	RFM-CR-03	Black built up roofing with tar layer around roof perimeter	N/A	Not Analyzed	*Refer to sample 5322-CR-16 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-ER-01	Aerobiology	East	Roof	RFM-ER-01	White painted black roofing material over fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-ER-01 Layer 1	Aerobiology	East	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No
5322-ER-01 Layer 2	Aerobiology	East	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-01 Layer 3	Aerobiology	East	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-ER-01 Layer 4	Aerobiology	East	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-01 Layer 5	Aerobiology	East	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-ER-02	Aerobiology	East	Roof	RFM-ER-01	White painted black roofing material over fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-ER-02 Layer 1	Aerobiology	East	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No
5322-ER-02 Layer 2	Aerobiology	East	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-02 Layer 3	Aerobiology	East	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-ER-02 Layer 4	Aerobiology	East	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-02 Layer 5	Aerobiology	East	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-ER-03	Aerobiology	East	Roof	RFM-ER-01	White painted black roofing material over fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-ER-03 Layer 1	Aerobiology	East	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-ER-03 Layer 2	Aerobiology	East	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-03 Layer 3	Aerobiology	East	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-ER-03 Layer 4	Aerobiology	East	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-03 Layer 5	Aerobiology	East	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-ER-04	Aerobiology	East	Roof	SEA-ER-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-ER-05	Aerobiology	East	Roof	SEA-ER-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-ER-06	Aerobiology	East	Roof	SEA-ER-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-ER-07	Aerobiology	East	Roof	RFM-ER-02	Built up roofing on sloped roof	2	Composite	*Laboratory identified additional black roofing layer*	No	Non-Friable	Good	No
5322-ER-07 Layer 1	Aerobiology	East	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-ER-07 Layer 2	Aerobiology	East	Roof	-	Black Roof Material with Black Tar	-	ND		No	Non-Friable	Good	No
5322-ER-08	Aerobiology	East	Roof	RFM-ER-02	Built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-ER-09	Aerobiology	East	Roof	RFM-ER-02	Built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-ERD-09[2]	NVL	East	Roof	RFM-ER-02	Built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-WR-01	Aerobiology	West	Roof	RFM-WR-01	White painted black roofing material over white fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-WR-01 Layer 1	Aerobiology	West	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No
5322-WR-01 Layer 2	Aerobiology	West	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-01 Layer 3	Aerobiology	West	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-WR-01 Layer 4	Aerobiology	West	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-01 Layer 5	Aerobiology	West	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-WR-02	Aerobiology	West	Roof	RFM-WR-01	White painted black roofing material over white fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-WR-02 Layer 1	Aerobiology	West	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No
5322-WR-02 Layer 2	Aerobiology	West	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-02 Layer 3	Aerobiology	West	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-WR-02 Layer 4	Aerobiology	West	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-02 Layer 5	Aerobiology	West	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-WR-03	Aerobiology	West	Roof	RFM-WR-01	White painted black roofing material over white fibrous layer	5	Composite		No	Non-Friable	Good	No
5322-WR-03 Layer 1	Aerobiology	West	Roof	-	White Resinous Material	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-WR-03 Layer 2	Aerobiology	West	Roof	-	Black/Gray Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-03 Layer 3	Aerobiology	West	Roof	-	Clear Sheet	-	ND		No	Non-Friable	Good	No
5322-WR-03 Layer 4	Aerobiology	West	Roof	-	Black Roofing Material	-	ND		No	Non-Friable	Good	No
5322-WR-03 Layer 5	Aerobiology	West	Roof	-	Gray Gypsum Material with White Tape	-	ND		No	Non-Friable	Good	No
5322-WR-04	Aerobiology	West	Roof	SEA-WR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-WR-05	Aerobiology	West	Roof	SEA-WR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-WR-06	Aerobiology	West	Roof	SEA-WR-01	Gray sealant around exhaust ducts	1	ND		No	Non-Friable	Good	No
5322-WR-07	Aerobiology	West	Roof	RFM-WR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-WR-08	Aerobiology	West	Roof	RFM-WR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No
5322-WR-09	Aerobiology	West	Roof	RFM-WR-02	Black built up roofing on sloped roof	1	ND		No	Non-Friable	Good	No

[1.] Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
[2.] Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

Asbestos Containing Materials Summary Results – Inlow Hall, Mezzanine

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-M-001	Aerobiology	South wall	Mezzanine Center Portion	ADV-M-01	Residual Brown glue dots on south plaster wall	1	ND		No	Non-Friable	Good	No
5222-M-002	Aerobiology	South wall	Mezzanine Center Portion	ADV-M-01	Residual Brown glue dots on south plaster wall	1	ND		No	Non-Friable	Good	No
5222-M-003	Aerobiology	South wall	Mezzanine Center Portion	ADV-M-01	Residual Brown glue dots on south plaster wall	1	ND		No	Non-Friable	Good	No
5222-M-003[2]	NVL	South wall	Mezzanine Center Portion	ADV-M-01	Residual Brown glue dots on south plaster wall	2	Composite	*Laboratory identified additional tan fibrous backing layer*	No	Non-Friable	Good	No
5222-M-003 Layer 1	NVL	South wall	Mezzanine Center Portion	-	Gray brittle material with adhesive	-	ND		No	Non-Friable	Good	No
5222-M-003 Layer 2	NVL	South wall	Mezzanine Center Portion	-	Tan fibrous backing	-	ND		No	Non-Friable	Good	No
5222-M-004	Aerobiology	South wall	Mezzanine Center Portion	MSC-M-01	Black tar material on concrete walls	1	ND		No	Non-Friable	Good	No
5222-M-005	Aerobiology	South wall	Mezzanine Center Portion	MSC-M-01	Black tar material on concrete walls	1	ND		No	Non-Friable	Good	No
5222-M-006	Aerobiology	South wall	Mezzanine Center Portion	MSC-M-01	Black tar material on concrete walls	1	ND		No	Non-Friable	Good	No
5222-M-007	Aerobiology	Center area	Mezzanine Center Portion	GWB-M-01	Unfinished gypsum wallboard walls	3	Composite	*Laboratory did not identify white joint compound layer*	No	Non-Friable	Good	No
5222-M-007 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-M-007 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-M-007 Layer 3	Aerobiology	Center area	Mezzanine Center Portion	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-M-008	Aerobiology	East area	Mezzanine Center Portion	GWB-M-01	Unfinished gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-M-008 Layer 1	Aerobiology	East area	Mezzanine Center Portion	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-M-008 Layer 2	Aerobiology	East area	Mezzanine Center Portion	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-M-008 Layer 3	Aerobiology	East area	Mezzanine Center Portion	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-M-008 Layer 4	Aerobiology	East area	Mezzanine Center Portion	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-M-009	Aerobiology	Upper center area	Mezzanine Center Portion	GWB-M-01	Unfinished gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-M-009 Layer 1	Aerobiology	Upper center area	Mezzanine Center Portion	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-M-009 Layer 2	Aerobiology	Upper center area	Mezzanine Center Portion	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-M-009 Layer 3	Aerobiology	Upper center area	Mezzanine Center Portion	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-M-009 Layer 4	Aerobiology	Upper center area	Mezzanine Center Portion	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-M-010	Aerobiology	East area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-M-010 Layer 1	Aerobiology	East area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-010 Layer 2	Aerobiology	East area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-011	Aerobiology	West area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No
5222-M-011 Layer 1	Aerobiology	West area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-011 Layer 2	Aerobiology	West area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-011[2]	NVL	West area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	1	ND	*Laboratory did not identify white granular plaster layer*	No	Non-Friable	Damaged	No
5222-M-012	Aerobiology	Upper area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	1	ND	*Laboratory did not identify white granular plaster layer*	No	Non-Friable	Damaged	No
5222-M-013	Aerobiology	Upper area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No
5222-M-013 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-013 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-014	Aerobiology	East area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No
5222-M-014 Layer 1	Aerobiology	East area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-014 Layer 2	Aerobiology	East area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-015	Aerobiology	West area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No
5222-M-015 Layer 1	Aerobiology	West area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-015 Layer 2	Aerobiology	West area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-016	Aerobiology	Upper area	Mezzanine Center Portion	PL-M-01	White/light blue rough textured plaster walls	2	Composite		No	Non-Friable	Damaged	No
5222-M-016 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White Granular Plaster with Blue/Gray Paint	-	ND		No	Non-Friable	Damaged	No
5222-M-016 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Off White Granular Plaster	-	ND		No	Non-Friable	Damaged	No
5222-M-017	Aerobiology	South wall	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-018	Aerobiology	South wall	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-018[2]	NVL	South wall	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-019	Aerobiology	South wall	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-020	Aerobiology	West area	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-021	Aerobiology	West area	Mezzanine Center Portion	PL-M-02	Unfinished plaster walls	1	ND		No	Non-Friable	Damaged	No
5222-M-022	Aerobiology	Upper area	Mezzanine Center Portion	TSI-M-01	4-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-022 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-M-022 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-023	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-01	4-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-023 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-023 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-024	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-01	4-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-024 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-024 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-025	Aerobiology	Upper area	Mezzanine Center Portion	TSI-M-02	4-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-025 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-025 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-026	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-02	4-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-026 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-026 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-027	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-02	4-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-027 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-027 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-028	Aerobiology	South area	Mezzanine Center Portion	TSI-M-03	6-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-028 Layer 1	Aerobiology	South area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-028 Layer 2	Aerobiology	South area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-029	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-03	6-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-029 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-029 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-030	Aerobiology	Upper area	Mezzanine Center Portion	TSI-M-03	6-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-030 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-030 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-031	Aerobiology	South area	Mezzanine Center Portion	TSI-M-04	6-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-031 Layer 1	Aerobiology	South area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-M-031 Layer 2	Aerobiology	South area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-032	Aerobiology	Center area	Mezzanine Center Portion	TSI-M-04	6-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-032 Layer 1	Aerobiology	Center area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-032 Layer 2	Aerobiology	Center area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-033	Aerobiology	Upper area	Mezzanine Center Portion	TSI-M-04	6-inch fiberglass joints, elbows, and tees	3	Composite	*Laboratory identified additional white/silver wrap layer*	No	Friable	Good	No
5222-M-033 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-033 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-033 Layer 3	Aerobiology	Upper area	Mezzanine Center Portion	-	Tan Insulation	-	ND		No	Friable	Good	No
5222-M-034	Aerobiology	West area	Mezzanine Center Portion	TSI-M-05	8-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-034 Layer 1	Aerobiology	West area	Mezzanine Center Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-034 Layer 2	Aerobiology	West area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-035	Aerobiology	Center walkway	Mezzanine West Portion	TSI-M-05	8-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-035 Layer 1	Aerobiology	Center walkway	Mezzanine West Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-035 Layer 2	Aerobiology	Center walkway	Mezzanine West Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-036	Aerobiology	West end	Mezzanine West Portion	TSI-M-05	8-inch fiberglass pipe insulation with white paper	2	Composite		No	Friable	Good	No
5222-M-036 Layer 1	Aerobiology	West end	Mezzanine West Portion	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-M-036 Layer 2	Aerobiology	West end	Mezzanine West Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-037	Aerobiology	West end	Mezzanine West Portion	TSI-M-06	8-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-037 Layer 1	Aerobiology	West end	Mezzanine West Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-037 Layer 2	Aerobiology	West end	Mezzanine West Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-038	Aerobiology	West end	Mezzanine West Portion	TSI-M-06	8-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-038 Layer 1	Aerobiology	West end	Mezzanine West Portion	-	White Wrap	-	ND		No	Friable	Good	No
5222-M-038 Layer 2	Aerobiology	West end	Mezzanine West Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-039	Aerobiology	Upper area	Mezzanine Center Portion	TSI-M-06	8-inch fiberglass joints, elbows, and tees	2	Composite		No	Friable	Good	No
5222-M-039 Layer 1	Aerobiology	Upper area	Mezzanine Center Portion	-	White Wrap	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-M-039 Layer 2	Aerobiology	Upper area	Mezzanine Center Portion	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-M-040	Aerobiology	West area	Mezzanine Center Portion	SEA-M-01	Dark gray HVAC duct sealant	1	ND		No	Non-Friable	Good	No
5222-M-041	Aerobiology	East area	Mezzanine Center Portion	SEA-M-01	Dark gray HVAC duct sealant	1	ND		No	Non-Friable	Good	No
5222-M-042	Aerobiology	West area	Mezzanine Center Portion	SEA-M-01	Dark gray HVAC duct sealant	1	ND		No	Non-Friable	Good	No
5222-M-042[2]	NVL	West area	Mezzanine Center Portion	SEA-M-01	Dark gray HVAC duct sealant	1	ND		No	Non-Friable	Good	No

1. Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
2. Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

Asbestos Containing Materials Summary Results – Inlow Hall, 2nd Floor

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-001	Aerobiology	President's office	East Wing	ADV-2F-01	Tan adhesive underneath tan wallpaper	2	Composite		No	Non-Friable	Good	No
5222-2F-001 Layer 1	Aerobiology	President's office	East Wing	-	Tan Wall Covering	-	ND		No	Non-Friable	Good	No
5222-2F-001 Layer 2	Aerobiology	President's office	East Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-002	Aerobiology	President's office	East Wing	ADV-2F-01	Tan adhesive underneath tan wallpaper	2	Composite		No	Non-Friable	Good	No
5222-2F-002 Layer 1	Aerobiology	President's office	East Wing	-	Tan Wall Covering	-	ND		No	Non-Friable	Good	No
5222-2F-002 Layer 2	Aerobiology	President's office	East Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-003	Aerobiology	President's office	East Wing	ADV-2F-01	Tan adhesive underneath tan wallpaper	2	Composite		No	Non-Friable	Good	No
5222-2F-003 Layer 1	Aerobiology	President's office	East Wing	-	Tan Wall Covering	-	ND		No	Non-Friable	Good	No
5222-2F-003 Layer 2	Aerobiology	President's office	East Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-004	Aerobiology	President's office	East Wing	ADV-2F-02	Tan adhesive underneath light blue with white striped carpet	1	ND		No	Non-Friable	Good	No
5222-2F-005	Aerobiology	Room 201A	Center	ADV-2F-02	Tan adhesive underneath light blue with white striped carpet	1	ND		No	Non-Friable	Good	No
5222-2F-006	Aerobiology	Hallway	East Wing	ADV-2F-02	Tan adhesive underneath light blue with white striped carpet	1	ND		No	Non-Friable	Good	No
5222-2F-007	Aerobiology	Room 214	East Wing	ADV-2F-03	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive	2	Composite		No	Non-Friable	Good	No
5222-2F-007 Layer 1	Aerobiology	Room 214	East Wing	-	Tan/Green Tile	-	ND		No	Non-Friable	Good	No
5222-2F-007 Layer 2	Aerobiology	Room 214	East Wing	-	Dark Brown Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-008	Aerobiology	Staff Lounge	West Wing	ADV-2F-03	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive	2	Composite	**3% Chrysotile** in Tan Tile and **<0.25% Chrysotile** in black adhesive after point count analysis	**Yes**	Non-Friable	Good	No
5222-2F-008 Layer 1	Aerobiology	Staff Lounge	West Wing	-	Tan Tile	-	**3% Chrysotile**		**Yes**	Non-Friable	Good	No
5222-2F-008 Layer 2	Aerobiology	Staff Lounge	West Wing	-	Black Adhesive	-	**<0.25% Chrysotile**		No	Non-Friable	Good	**Yes**
5222-2F-009	Aerobiology	Staff Lounge	West Wing	ADV-2F-03	Green multi-colored carpet over 9-inch tan vinyl tile with black adhesive	2	Composite	**3% Chrysotile** in Tan Tile and **0.25% Chrysotile** in black adhesive after point count analysis	**Yes**	Non-Friable	Good	No
5222-2F-009 Layer 1	Aerobiology	Staff Lounge	West Wing	-	Tan Tile	-	**3% Chrysotile**		**Yes**	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-009 Layer 2	Aerobiology	Staff Lounge	West Wing	-	Black Adhesive	-	**0.25% Chrysotile**		No	Non-Friable	Good	**Yes**
5222-2F-010	Aerobiology	President's office	East Wing	SVF-2F-01	Gray speckled sheet vinyl flooring with tan adhesive in president's office	2	Composite		No	Non-Friable	Good	No
5222-2F-010 Layer 1	Aerobiology	President's office	East Wing	-	Gray Sheet Flooring with Gray Fibrous Backing	-	ND		No	Non-Friable	Good	No
5222-2F-010 Layer 2	Aerobiology	President's office	East Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-011	Aerobiology	President's office	East Wing	SVF-2F-01	Gray speckled sheet vinyl flooring with tan adhesive in president's office	2	Composite		No	Non-Friable	Good	No
5222-2F-011 Layer 1	Aerobiology	President's office	East Wing	-	Gray Sheet Flooring with Gray Fibrous Backing	-	ND		No	Non-Friable	Good	No
5222-2F-011 Layer 2	Aerobiology	President's office	East Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2FD-011[2]	NVL	President's office	East Wing	SVF-2F-01	Gray speckled sheet vinyl flooring with tan adhesive in president's office	2	ND		No	Non-Friable	Good	No
5222-2FD-011 Layer 1	NVL	President's office	East Wing	-	Gray patterned sheet vinyl	-	ND		No	Non-Friable	Good	No
5222-2FD-011 Layer 2	NVL	President's office	East Wing	-	Gray fibrous backing with mastic and debris	-	ND		No	Non-Friable	Good	No
5222-2F-012	Aerobiology	President's office	East Wing	SVF-2F-01	Gray speckled sheet vinyl flooring with tan adhesive in president's office	2	Composite		No	Non-Friable	Good	No
5222-2F-012 Layer 1	Aerobiology	President's office	East Wing	-	Gray Sheet Flooring with Gray Fibrous Backing	-	ND		No	Non-Friable	Good	No
5222-2F-012 Layer 2	Aerobiology	President's office	East Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-013	Aerobiology	Staff Lounge	West Wing	SVF-2F-02	Gray sheet vinyl flooring underneath staff lounge sink	1	ND		No	Non-Friable	Good	No
5222-2F-014	Aerobiology	Staff Lounge	West Wing	SVF-2F-02	Gray sheet vinyl flooring underneath staff lounge sink	1	ND		No	Non-Friable	Good	No
5222-2F-015	Aerobiology	Staff Lounge	West Wing	SVF-2F-02	Gray sheet vinyl flooring underneath staff lounge sink	1	ND		No	Non-Friable	Good	No
5222-2F-016	Aerobiology	Room 201A	Center	GWB-2F-01	Orange peel textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-016 Layer 1	Aerobiology	Room 201A	Center	-	White Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-016 Layer 2	Aerobiology	Room 201A	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-016 Layer 3	Aerobiology	Room 201A	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-016 Layer 4	Aerobiology	Room 201A	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-017	Aerobiology	Men's Restroom	Center	GWB-2F-05	Orange peel textured gypsum wallboard walls	2	Composite	*Laboratory did not identify joint compound or cream tape layers*	No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-017 Layer 1	Aerobiology	Men's Restroom	Center	-	White Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-017 Layer 2	Aerobiology	Men's Restroom	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-018	Aerobiology	Room 201A	Center	GWB-2F-05	Orange peel textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-018 Layer 1	Aerobiology	Room 201A	Center	-	White Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-018 Layer 2	Aerobiology	Room 201A	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-018 Layer 3	Aerobiology	Room 201A	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-018 Layer 4	Aerobiology	Room 201A	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-019	Aerobiology	Room 220	Center	GWB-2F-02	White smooth textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-019 Layer 1	Aerobiology	Room 220	Center	-	White Texture with Yellow/White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-019 Layer 2	Aerobiology	Room 220	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-019 Layer 3	Aerobiology	Room 220	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-019 Layer 4	Aerobiology	Room 220	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-020	Aerobiology	220 Staircase	Center	GWB-2F-02	White smooth textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-020 Layer 1	Aerobiology	220 Staircase	Center	-	White Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-020 Layer 2	Aerobiology	220 Staircase	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-020 Layer 3	Aerobiology	220 Staircase	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-020 Layer 4	Aerobiology	220 Staircase	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-021	Aerobiology	220 Staircase	Center	GWB-2F-02	White smooth textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-021 Layer 1	Aerobiology	220 Staircase	Center	-	Cream Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-021 Layer 2	Aerobiology	220 Staircase	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-021 Layer 3	Aerobiology	220 Staircase	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-021 Layer 4	Aerobiology	220 Staircase	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2FD-021[2]	NVL	220 Staircase	Center	GWB-2F-02	White smooth textured gypsum wallboard walls	2	ND	*Laboratory did not identify joint compound or cream tape layers*	No	Non-Friable	Good	No
5222-2FD-021 Layer 1	NVL	220 Staircase	Center	-	White compacted powdery material with paint	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2FD-021 Layer 2	NVL	220 Staircase	Center	-	White chalky material with paper	-	ND		No	Non-Friable	Good	No
5222-2F-022	Aerobiology	Room 220	Center	GWB-2F-03	Unfinished gypsum wallboard walls	3	Composite	*Laboratory did not identify joint compound layer*	No	Non-Friable	Good	No
5222-2F-022 Layer 1	Aerobiology	Room 220	Center	-	Cream Tape with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-022 Layer 2	Aerobiology	Room 220	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-022 Layer 3	Aerobiology	Room 220	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-023	Aerobiology	Room 220	Center	GWB-2F-03	Unfinished gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-023 Layer 1	Aerobiology	Room 220	Center	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-2F-023 Layer 2	Aerobiology	Room 220	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-023 Layer 3	Aerobiology	Room 220	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-023 Layer 4	Aerobiology	Room 220	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-024	Aerobiology	HVAC closet	Center	GWB-2F-03	Unfinished gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5222-2F-024 Layer 1	Aerobiology	HVAC closet	Center	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-2F-024 Layer 2	Aerobiology	HVAC closet	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-024 Layer 3	Aerobiology	HVAC closet	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-024 Layer 4	Aerobiology	HVAC closet	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-025	Aerobiology	President's office	East Wing	GWB-2F-04	Thick textured gypsum wallboard walls	3	Composite		No	Non-Friable	Good	No
5222-2F-025 Layer 1	Aerobiology	President's office	East Wing	-	Cream Compound with Beige Paint	-	ND		No	Non-Friable	Good	No
5222-2F-025 Layer 2	Aerobiology	President's office	East Wing	-	White Mesh	-	ND		No	Non-Friable	Good	No
5222-2F-025 Layer 3	Aerobiology	President's office	East Wing	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-026	Aerobiology	Room 218	East Wing	GWB-2F-04	Thick textured gypsum wallboard walls	1	ND		No	Non-Friable	Good	No
5222-2F-027	Aerobiology	Room 218	East Wing	GWB-2F-04	Thick textured gypsum wallboard walls	1	ND		No	Non-Friable	Good	No
5222-2F-028	Aerobiology	Room 201A	Center	GWB-2F-05	Orange peel textured gypsum wallboard ceilings	2	Composite	*Laboratory did not identify joint compound or cream tape layers*	No	Non-Friable	Good	No
5222-2F-028 Layer 1	Aerobiology	Room 201A	Center	-	White/Texture with Cream Paint	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-028 Layer 2	Aerobiology	Room 201A	Center	-	Gray/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-029	Aerobiology	Men's Restroom	Center	GWB-2F-05	Orange peel textured gypsum wallboard ceilings	4	Composite		No	Non-Friable	Good	No
5222-2F-029 Layer 1	Aerobiology	Men's Restroom	Center	-	Cream/White Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-029 Layer 2	Aerobiology	Men's Restroom	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-029 Layer 3	Aerobiology	Men's Restroom	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-029 Layer 4	Aerobiology	Men's Restroom	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-030	Aerobiology	Room 220	Center	GWB-2F-05	Orange peel textured gypsum wallboard ceilings	4	Composite		No	Non-Friable	Good	No
5222-2F-030 Layer 1	Aerobiology	Room 220	Center	-	Cream Texture with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-030 Layer 2	Aerobiology	Room 220	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-030 Layer 3	Aerobiology	Room 220	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-030 Layer 4	Aerobiology	Room 220	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2F-031	Aerobiology	Room 218	East Wing	PL-2F-04	Granular texture plaster walls	3	Composite	**1.25% Chrysotile** in white texture with yellow paint after point count analysis. Sample was reassigned to homogenous group PL-2F-04 after a supplemental inspection was completed.	**Yes**	Non-Friable	Good	No
5222-2F-031 Layer 1	Aerobiology	Room 218	East Wing	-	White Texture with Yellow Paint	-	**1.25% Chrysotile**		**Yes**	Non-Friable	Good	No
5222-2F-031 Layer 2	Aerobiology	Room 218	East Wing	-	White Plaster with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-031 Layer 3	Aerobiology	Room 218	East Wing	-	Gray Granular Plaster	-	ND		No	Non-Friable	Good	No
5222-2F-032	Aerobiology	HVAC closet	Center	PL-2F-01	Granular texture plaster walls	3	Composite		No	Non-Friable	Good	No
5222-2F-032 Layer 1	Aerobiology	HVAC closet	Center	-	White Granular Plaster with White/Brown Paint	-	ND		No	Non-Friable	Good	No
5222-2F-032 Layer 2	Aerobiology	HVAC closet	Center	-	White Pearlitic Plaster with White/Brown Paint	-	ND		No	Non-Friable	Good	No
5222-2F-032 Layer 3	Aerobiology	HVAC closet	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5222-2FD-032[2]	NVL	HVAC closet	Center	PL-2F-01	Granular texture plaster walls	2	Composite	*Laboratory did not identify light cream compound layer*	No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2FD-032 Layer 1	NVL	HVAC closet	Center	-	White sandy material with paint	-	ND		No	Non-Friable	Good	No
5222-2FD-032 Layer 2	NVL	HVAC closet	Center	-	White chalky material with paper	-	ND		No	Non-Friable	Good	No
5222-2F-033	Aerobiology	Hallway	Center	PL-2F-01	Granular texture plaster walls	3	Composite		No	Non-Friable	Good	No
5222-2F-033 Layer 1	Aerobiology	Hallway	Center	-	Light Cream Compound	-	ND		No	Non-Friable	Good	No
5222-2F-033 Layer 2	Aerobiology	Hallway	Center	-	White Caulk with Cream Paint	-	ND		No	Non-Friable	Good	No
5222-2F-033 Layer 3	Aerobiology	Hallway	Center	-	White Granular Plaster with Tan/White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-034	Aerobiology	Hallway	Center	PL-2F-01	Granular texture plaster walls	4	Composite	*Laboratory identified additional cream tape layer*	No	Non-Friable	Good	No
5222-2F-034 Layer 1	Aerobiology	Hallway	Center	-	Light Cream Texture with Cream/White Pain	-	ND		No	Non-Friable	Good	No
5222-2F-034 Layer 2	Aerobiology	Hallway	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5222-2F-034 Layer 3	Aerobiology	Hallway	Center	-	Light Cream Joint Compound	-	ND		No	Non-Friable	Good	No
5222-2F-034 Layer 4	Aerobiology	Hallway	Center	-	Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-035	Aerobiology	Hallway	West Wing	PL-2F-01	Granular texture plaster walls	2	Composite	*Laboratory did not identify cream compound layer*	No	Non-Friable	Good	No
5222-2F-035 Layer 1	Aerobiology	Hallway	West Wing	-	Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-035 Layer 2	Aerobiology	Hallway	West Wing	-	Gray Granular Plaster with Yellow Paint	-	ND		No	Non-Friable	Good	No
5222-2F-036	Aerobiology	Hallway	East Wing	PL-2F-01	Granular texture plaster walls	3	Composite		No	Non-Friable	Good	No
5222-2F-036 Layer 1	Aerobiology	Hallway	East Wing	-	White Texture with Yellow/White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-036 Layer 2	Aerobiology	Hallway	East Wing	-	White Compound	-	ND		No	Non-Friable	Good	No
5222-2F-036 Layer 3	Aerobiology	Hallway	East Wing	-	Gray Granular Plaster with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-037	Aerobiology	Hallway	West Wing	PL-2F-01	Granular texture plaster walls	3	Composite	*Laboratory did not identify cream compound layer*	No	Non-Friable	Good	No
5222-2F-037 Layer 1	Aerobiology	Hallway	West Wing	-	Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-037 Layer 2	Aerobiology	Hallway	West Wing	-	Gray Granular Plaster with Yellow Paint	-	ND		No	Non-Friable	Good	No
5222-2F-037 Layer 3	Aerobiology	Hallway	West Wing	-	Brown Sealant	-	ND		No	Non-Friable	Good	No
5222-2F-038	Aerobiology	Room 218	East Wing	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-039	Aerobiology	Room 218	East Wing	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2F-040	Aerobiology	Room 218	East Wing	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2F-041	Aerobiology	Room 204	West Wing	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2FD-041[2]	NVL	Room 204	West Wing	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2F-042	Aerobiology	HVAC closet	Center	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2F-043	Aerobiology	HVAC closet	Center	PL-2F-02	Granular textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5222-2F-044	Aerobiology	HVAC closet	Center	PL-2F-02	Granular textured plaster ceilings	2	Composite	*Laboratory identified additional white texture layer*	No	Non-Friable	Good	No
5222-2F-044 Layer 1	Aerobiology	HVAC closet	Center	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-044 Layer 2	Aerobiology	HVAC closet	Center	-	White/Gray Granular Plaster	-	ND		No	Non-Friable	Good	No
5222-2F-045	Aerobiology	Room 218	East Wing	CT-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-046	Aerobiology	Room 218	East Wing	CT-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-047	Aerobiology	Room 218	East Wing	CT-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-048	Aerobiology	Room 218	East Wing	MSC-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-049	Aerobiology	Room 218 C	East Wing	MSC-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-050	Aerobiology	Room 218	East Wing	MSC-2F-01	Nailed on ceiling tile with large pin holes in room 218	1	ND		No	Non-Friable	Good	No
5222-2F-051	Aerobiology	Room 211A	Center	CT-2F-02	2-foot by 4-foot speckled suspended ceiling tiles	1	ND		No	Non-Friable	Good	No
5222-2FD-051[2]	NVL	Room 211A	Center	CT-2F-02	2-foot by 4-foot speckled suspended ceiling tiles	1	ND		No	Non-Friable	Good	No
5222-2F-052	Aerobiology	Finance and Admin Hallway	Center	CT-2F-02	2-foot by 4-foot speckled suspended ceiling tiles	1	ND		No	Non-Friable	Good	No
5222-2F-053	Aerobiology	Marketing development hallway	Center	CT-2F-02	2-foot by 4-foot speckled suspended ceiling tiles	1	ND		No	Non-Friable	Good	No
5222-2F-054	Aerobiology	Room 211A	Center	CT-2F-03	2-foot by 4-foot streaked suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5222-2F-055	Aerobiology	Room 208	West Wing	CT-2F-03	2-foot by 4-foot streaked suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5222-2F-056	Aerobiology	Room 205	West Wing	CT-2F-03	2-foot by 4-foot streaked suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5222-2F-057	Aerobiology	Staff Lounge	West Wing	PL-2F-03	Rough textured plaster walls in staff lounge	2	Composite		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-057 Layer 1	Aerobiology	Staff Lounge	West Wing	-	White Texture with Gray/Yellow Paint	-	ND		No	Non-Friable	Good	No
5222-2F-057 Layer 2	Aerobiology	Staff Lounge	West Wing	-	White/Gray Granular Plaster	-	ND		No	Non-Friable	Good	No
5222-2F-058	Aerobiology	Staff Lounge	West Wing	PL-2F-03	Rough textured plaster walls in staff lounge	2	Composite		No	Non-Friable	Good	No
5222-2F-058 Layer 1	Aerobiology	Staff Lounge	West Wing	-	Off White Texture with Gray/Off White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-058 Layer 2	Aerobiology	Staff Lounge	West Wing	-	White/Gray Granular Plaster with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-059	Aerobiology	Staff Lounge	West Wing	PL-2F-03	Rough textured plaster walls in staff lounge	2	Composite		No	Non-Friable	Good	No
5222-2F-059 Layer 1	Aerobiology	Staff Lounge	West Wing	-	Off White Texture with Gray/White Paint	-	ND		No	Non-Friable	Good	No
5222-2F-059 Layer 2	Aerobiology	Staff Lounge	West Wing	-	White/Gray Granular Plaster with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5222-2F-060	Aerobiology	Room 209	West Wing	CT-2F-04	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	2	Composite		No	Non-Friable	Good	No
5222-2F-060 Layer 1	Aerobiology	Room 209	West Wing	-	White/Gray Ceiling Tile	-	ND		No	Non-Friable	Good	No
5222-2F-060 Layer 2	Aerobiology	Room 209	West Wing	-	Amber Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-061	Aerobiology	Room 209	West Wing	CT-2F-04	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	2	Composite		No	Non-Friable	Good	No
5222-2F-061 Layer 1	Aerobiology	Room 209	West Wing	-	White /Gray Ceiling Tile	-	ND		No	Non-Friable	Good	No
5222-2F-061 Layer 2	Aerobiology	Room 209	West Wing	-	Amber Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-062	Aerobiology	Room 209	West Wing	CT-2F-04	1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	2	Composite		No	Non-Friable	Good	No
5222-2F-062 Layer 1	Aerobiology	Room 209	West Wing	-	White/Gray Ceiling Tile	-	ND		No	Non-Friable	Good	No
5222-2F-062 Layer 2	Aerobiology	Room 209	West Wing	-	Amber Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-063	Aerobiology	IT Closet	East Wing	ADV-2F-04	Brown glue dot on plaster walls in IT closet	1	ND		No	Non-Friable	Good	No
5222-2FD-063[2]	NVL	IT Closet	East Wing	ADV-2F-04	Brown glue dot on plaster walls in IT closet	1	ND		No	Non-Friable	Good	No
5222-2F-064	Aerobiology	IT Closet	East Wing	ADV-2F-04	Brown glue dot on plaster walls in IT closet	1	ND		No	Non-Friable	Good	No
5222-2F-065	Aerobiology	IT Closet	East Wing	ADV-2F-04	Brown glue dot on plaster walls in IT closet	1	ND		No	Non-Friable	Good	No
5222-2F-066	Aerobiology	Room 207	West Wing	ADV-2F-05	Tan adhesive associated with purple multicolored carpet in storage room 207	1	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-067	Aerobiology	Room 207	West Wing	ADV-2F-05	Tan adhesive associated with purple multicolored carpet in storage room 207	1	ND		No	Non-Friable	Good	No
5222-2F-068	Aerobiology	Room 207	West Wing	ADV-2F-05	Tan adhesive associated with purple multicolored carpet in storage room 207	1	ND		No	Non-Friable	Good	No
5222-2F-069	Aerobiology	Room 219B	East Wing	ADV-2F-06	Tan adhesive beneath carpet squares in HR room	1	ND		No	Non-Friable	Good	No
5222-2F-070	Aerobiology	Room 219	East Wing	ADV-2F-06	Tan adhesive beneath carpet squares in HR room	1	ND		No	Non-Friable	Good	No
5222-2FD-070[2]	NVL	Room 219	East Wing	ADV-2F-06	Tan adhesive beneath carpet squares in HR room	1	ND		No	Non-Friable	Good	No
5222-2F-071	Aerobiology	Room 219A	East Wing	ADV-2F-06	Tan adhesive beneath carpet squares in HR room	1	ND		No	Non-Friable	Good	No
5222-2F-072	Aerobiology	Hallway	West Wing	MSC-2F-02	Tan adhesive beneath blue carpet over black flooring material over gray felt	3	Composite		No	Non-Friable	Good	No
5222-2F-072 Layer 1	Aerobiology	Hallway	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-072 Layer 2	Aerobiology	Hallway	West Wing	-	Black Flooring Material with Tan Mesh	-	ND		No	Non-Friable	Good	No
5222-2F-072 Layer 3	Aerobiology	Hallway	West Wing	-	Gray/Black Felt	-	ND		No	Non-Friable	Good	No
5222-2F-073	Aerobiology	Hallway	West Wing	MSC-2F-02	Tan adhesive beneath blue carpet over black flooring material over gray felt	3	Composite		No	Non-Friable	Good	No
5222-2F-073 Layer 1	Aerobiology	Hallway	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-073 Layer 2	Aerobiology	Hallway	West Wing	-	Black Flooring Material with Tan Mesh	-	ND		No	Non-Friable	Good	No
5222-2F-073 Layer 3	Aerobiology	Hallway	West Wing	-	Gray Felt W/Brown Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-074	Aerobiology	Hallway	West Wing	MSC-2F-02	Tan adhesive beneath blue carpet over black flooring material over gray felt	3	Composite		No	Non-Friable	Good	No
5222-2F-074 Layer 1	Aerobiology	Hallway	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-074 Layer 2	Aerobiology	Hallway	West Wing	-	Black Flooring Material with Tan Mesh	-	ND		No	Non-Friable	Good	No
5222-2F-074 Layer 3	Aerobiology	Hallway	West Wing	-	Gray Felt W/Brown Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-075	Aerobiology	Men's Restroom	Center	MSC-2F-03	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud	4	Composite		No	Non-Friable	Good	No
5222-2F-075 Layer 1	Aerobiology	Men's Restroom	Center	-	Clear Yellow Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-075 Layer 2	Aerobiology	Men's Restroom	Center	-	Gray Speckled Tile	-	ND		No	Non-Friable	Good	No
5222-2F-075 Layer 3	Aerobiology	Men's Restroom	Center	-	Beige Grout	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-075 Layer 4	Aerobiology	Men's Restroom	Center	-	Gray Mortar	-	ND		No	Non-Friable	Good	No
5222-2F-076	Aerobiology	Men's Restroom	Center	MSC-2F-03	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud	3	Composite	*Laboratory analysis did not identify beige grout layer*	No	Non-Friable	Good	No
5222-2F-076 Layer 1	Aerobiology	Men's Restroom	Center	-	Clear Yellow Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-076 Layer 2	Aerobiology	Men's Restroom	Center	-	Gray Speckled Tile	-	ND		No	Non-Friable	Good	No
5222-2F-076 Layer 3	Aerobiology	Men's Restroom	Center	-	Gray Mortar	-	ND		No	Non-Friable	Good	No
5222-2F-077	Aerobiology	Men's Restroom	Center	MSC-2F-03	2-inch by 2-inch gray ceramic tile under tan transition strip adhesive over gray mud	4	Composite		No	Non-Friable	Good	No
5222-2F-077 Layer 1	Aerobiology	Men's Restroom	Center	-	Clear Yellow Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-077 Layer 2	Aerobiology	Men's Restroom	Center	-	Gray Speckled Tile	-	ND		No	Non-Friable	Good	No
5222-2F-077 Layer 3	Aerobiology	Men's Restroom	Center	-	Beige Grout	-	ND		No	Non-Friable	Good	No
5222-2F-077 Layer 4	Aerobiology	Men's Restroom	Center	-	Gray Mortar	-	ND		No	Non-Friable	Good	No
5222-2F-078	Aerobiology	Men's Restroom	Center	MSC-2F-04	4-inch by 4-inch tan ceramic tile in bathroom	1	ND	*Laboratory analysis did not identify beige grout layer*	No	Non-Friable	Good	No
5222-2F-079	Aerobiology	Men's Restroom	Center	MSC-2F-04	4-inch by 4-inch tan ceramic tile in bathroom	1	ND	*Laboratory analysis did not identify beige grout layer*	No	Non-Friable	Good	No
5222-2F-080	Aerobiology	Men's Restroom	Center	MSC-2F-04	4-inch by 4-inch tan ceramic tile in bathroom	2	Composite		No	Non-Friable	Good	No
5222-2F-080 Layer 1	Aerobiology	Men's Restroom	Center	-	Beige Tile	-	ND		No	Non-Friable	Good	No
5222-2F-080 Layer 2	Aerobiology	Men's Restroom	Center	-	Beige Grout	-	ND		No	Non-Friable	Good	No
5222-2F-081	Aerobiology	Room 204	West Wing	CT-2F-06	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	1	ND		No	Non-Friable	Good	No
5222-2FD-081[2]	NVL	Room 204	West Wing	CT-2F-06	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	1	ND		No	Non-Friable	Good	No
5222-2F-082	Aerobiology	Room 204	West Wing	CT-2F-06	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	1	ND		No	Non-Friable	Good	No
5222-2F-083	Aerobiology	Room 205	West Wing	CT-2F-06	12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	1	ND		No	Non-Friable	Good	No
5222-2F-084	Aerobiology	Room 205	West Wing	MSC-2F-05	Chalkboard in payroll office	1	ND	*Laboratory analysis did not identify adhesive layer*	No	Non-Friable	Good	No
5222-2F-085	Aerobiology	Room 205	West Wing	MSC-2F-05	Chalkboard in payroll office	1	ND	*Laboratory analysis did not identify adhesive layer*	No	Non-Friable	Good	No
5222-2F-086	Aerobiology	Room 205	West Wing	MSC-2F-05	Chalkboard in payroll office	1	ND	*Laboratory analysis did not identify adhesive layer*	No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-087	Aerobiology	Mechanical Room	Center	TSI-2F-01	6-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-087 Layer 1	Aerobiology	Mechanical Room	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-2F-087 Layer 2	Aerobiology	Mechanical Room	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-088	Aerobiology	Room 207	West Wing	TSI-2F-01	6-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-088 Layer 1	Aerobiology	Room 207	West Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-2F-088 Layer 2	Aerobiology	Room 207	West Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-089	Aerobiology	Breakroom	West Wing	TSI-2F-01	6-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-089 Layer 1	Aerobiology	Breakroom	West Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-2F-089 Layer 2	Aerobiology	Breakroom	West Wing	-	Yellow/Tan Insulation	-	ND		No	Friable	Good	No
5222-2F-090	Aerobiology	Conference Room	Center	MSC-2F-06	Black sink undercoat	1	ND		No	Friable	Good	No
5222-2FD-090[2]	NVL	Conference Room	Center	MSC-2F-06	Black sink undercoat	1	ND		No	Friable	Good	No
5222-2F-091	Aerobiology	Conference Room	Center	MSC-2F-06	Black sink undercoat	1	ND		No	Friable	Good	No
5222-2F-092	Aerobiology	Marketing development hallway	Center	TSI-2F-02	4-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-092 Layer 1	Aerobiology	Marketing development hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-2F-092 Layer 2	Aerobiology	Marketing development hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-093	Aerobiology	Finance and Admin Hallway	Center	TSI-2F-02	4-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-093 Layer 1	Aerobiology	Finance and Admin Hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5222-2F-093 Layer 2	Aerobiology	Finance and Admin Hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-094	Aerobiology	Room 201A	Center	TSI-2F-02	4-inch white wrap over yellow fiberglass insulation	2	Composite		No	Friable	Good	No
5222-2F-094 Layer 1	Aerobiology	Room 201A	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2F-094 Layer 2	Aerobiology	Room 201A	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-095	Aerobiology	Marketing development hallway	Center	TSI-2F-03	Yellow fiberglass JETs on 4-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-095 Layer 1	Aerobiology	Marketing development hallway	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-095 Layer 2	Aerobiology	Marketing development hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-096	Aerobiology	Finance and Admin Hallway	Center	TSI-2F-03	Yellow fiberglass JETs on 4-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-096 Layer 1	Aerobiology	Finance and Admin Hallway	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-096 Layer 2	Aerobiology	Finance and Admin Hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-097	Aerobiology	Room 211B	Center	TSI-2F-03	Yellow fiberglass JETs on 4-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-097 Layer 1	Aerobiology	Room 211B	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-097 Layer 2	Aerobiology	Room 211B	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-098	Aerobiology	Room 212G	Center	TSI-2F-04	Yellow fiberglass JETs on 6-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-098 Layer 1	Aerobiology	Room 212G	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-098 Layer 2	Aerobiology	Room 212G	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-099	Aerobiology	Room 212A	Center	TSI-2F-04	Yellow fiberglass JETs on 6-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-099 Layer 1	Aerobiology	Room 212A	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-099 Layer 2	Aerobiology	Room 212A	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2F-100	Aerobiology	Room 202	Center	TSI-2F-04	Yellow fiberglass JETs on 6-inch pipe system	2	Composite		No	Friable	Good	No
5222-2F-100 Layer 1	Aerobiology	Room 202	Center	-	White Wrap	-	ND		No	Friable	Good	No
5222-2F-100 Layer 2	Aerobiology	Room 202	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5222-2FD-100[2]	NVL	Room 202	Center	TSI-2F-04	Yellow fiberglass JETs on 6-inch pipe system	2	ND		No	Friable	Good	No
5222-2FD-100 Layer 1	NVL	Room 202	Center	-	White hard plastic	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5222-2FD-100 Layer 2	NVL	Room 202	Center	-	Yellow fluffy fibrous material	-	ND		No	Friable	Good	No
5222-2F-101	Aerobiology	Room 204	West Wing	FB-2F-01	4-inch black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5222-2F-101 Layer 1	Aerobiology	Room 204	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5222-2F-101 Layer 2	Aerobiology	Room 204	West Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-102	Aerobiology	Room 204	West Wing	FB-2F-01	4-inch black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5222-2F-102 Layer 1	Aerobiology	Room 204	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5222-2F-102 Layer 2	Aerobiology	Room 204	West Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5222-2F-103	Aerobiology	Room 204	West Wing	FB-2F-01	4-inch black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5222-2F-103 Layer 1	Aerobiology	Room 204	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5222-2F-103 Layer 2	Aerobiology	Room 204	West Wing	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
6322-2F-001	Aerobiology	Room 218 C	East Wing	PL-2F-04	Tan rough dot textured plaster walls	2	Composite	**2% Chrysotile** in off white texture with yellow/white paint	**Yes**	Non-Friable	Good	No
6322-2F-001 Layer 1	Aerobiology	Room 218 C	East Wing	-	Off White Texture with Yellow/White Paint	-	**2% Chrysotile**		**Yes**	Non-Friable	Good	No
6322-2F-001 Layer 2	Aerobiology	Room 218 C	East Wing	-	Light Gray Perlitic Plaster with Multicolored Paint layers	-			No	Non-Friable	Good	No
6322-2F-002	Aerobiology	Room 218 C	East Wing	PL-2F-04	Tan rough dot textured plaster walls ND	-	N/A	*Refer to sample 6322-2F-001 for sample analysis*	**Yes**	Non-Friable	Good	No
6322-2F-003	Aerobiology	Room 218 C	East Wing	PL-2F-05	Tan heavy wavy textured plaster walls	3	Composite	**2% Chrysotile** in off white texture with yellow/white paint	**Yes**	Non-Friable	Good	No
6322-2F-003 Layer 1	Aerobiology	Room 218 C	East Wing	-	Off White Texture with Yellow/White Paint	-	**2% Chrysotile**		**Yes**	Non-Friable	Good	No
6322-2F-003 Layer 2	Aerobiology	Room 218 C	East Wing	-	White Plaster with Multicolored Paint Layers	-			No	Non-Friable	Good	No
6322-2F-003 Layer 3	Aerobiology	Room 218 C	East Wing	-	Gray Granular Plaster	-			No	Non-Friable	Good	No
6322-2F-004	Aerobiology	Room 218 C	East Wing	PL-2F-05	Tan heavy wavy textured plaster walls	N/A	Not Analyzed	*Refer to sample 6322-2F-003 for sample analysis*	**Yes**	Non-Friable	Good	No
6322-2F-005	Aerobiology	Room 218 C	East Wing	PL-2F-05 -	Tan heavy wavy textured plaster walls	N/A	Not Analyzed	*Refer to sample 6322-2F-003 for sample analysis*	**Yes**	Non-Friable	Good	No
6322-2F-006	Aerobiology	Hallway	East Wing	PL-2F-01	Granular texture plaster walls	1	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
6322-2F-007	Aerobiology	Hallway	West Wing	GWB-2F-06	Tan rough dot textured gypsum wallboard patch around electrical panel	3	Composite		No	Non-Friable	Good	No
6322-2F-007 Layer 1	Aerobiology	Hallway	West Wing	-	White Perlitic Texture with Yellow/White Paint	-	ND		No	Non-Friable	Good	No
6322-2F-007 Layer 2	Aerobiology	Hallway	West Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-2F-007 Layer 3	Aerobiology	Hallway	West Wing	-	Light Pink/Tan Drywall	-	ND		No	Non-Friable	Good	No
6322-2F-008	Aerobiology	Hallway	West Wing	GWB-2F-06	Tan rough dot textured gypsum wallboard patch around electrical panel	3	Composite		No	Non-Friable	Good	No
6322-2F-008 Layer 1	Aerobiology	Hallway	West Wing	-	White Compound with Yellow/White Paint	-	ND		No	Non-Friable	Good	No
6322-2F-008 Layer 2	Aerobiology	Hallway	West Wing	-	White Mesh	-	ND		No	Non-Friable	Good	No
6322-2F-008 Layer 3	Aerobiology	Hallway	West Wing	-	Light Pink/Tan Drywall	-	ND		No	Non-Friable	Good	No
6322-2F-009	Aerobiology	Hallway	West Wing	GWB-2F-06	Tan rough dot textured gypsum wallboard patch around electrical panel	3	Composite		No	Non-Friable	Good	No
6322-2F-009 Layer 1	Aerobiology	Hallway	West Wing		White Perlitic Texture with Yellow/White Paint	-	ND		No	Non-Friable	Good	No
6322-2F-009 Layer 2	Aerobiology	Hallway	West Wing		White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-2F-009 Layer 3	Aerobiology	Hallway	West Wing		Light Pink/Tan Drywall	-	ND		No	Non-Friable	Good	No

[1.] Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
[2.] Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

Asbestos Containing Materials Summary Results – Inlow Hall, 1st Floor

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-1F-001	Aerobiology	Student Accounts Support	East Wing	ADV-1F-01	Tan adhesive associated with multicolored carpet	3	Composite		No	Non-Friable	Good	No
5322-1F-001 Layer 1	Aerobiology	Student Accounts Support	East Wing	-	Tan/Cream adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-001 Layer 2	Aerobiology	Student Accounts Support	East Wing	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-001 Layer 3	Aerobiology	Student Accounts Support	East Wing	-	Brown Wood Grain	-	ND		No	Non-Friable	Good	No
5322-1F-002	Aerobiology	West Conference Room	Center	ADV-1F-01	Tan adhesive associated with multicolored carpet	2	Composite	*Laboratory analysis did not identify brown wood grain layer*	No	Non-Friable	Good	No
5322-1F-002 Layer 1	Aerobiology	West Conference Room	Center	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-002 Layer 2	Aerobiology	West Conference Room	Center	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-003	Aerobiology	Room 101B	Center	ADV-1F-01	Tan adhesive associated with multicolored carpet	2	Composite	*Laboratory analysis did not identify brown wood grain layer*	No	Non-Friable	Good	No
5322-1F-003 Layer 1	Aerobiology	Room 101B	Center	-	Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-003 Layer 2	Aerobiology	Room 101B	Center	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-004	Aerobiology	Financial Aid Office	East Wing	ADV-1F-02	Yellow/Cream adhesive associated with dark gray carpet	1	ND	*Laboratory analysis did not identify tan wood grain layer*	No	Non-Friable	Good	No
5322-1F-005	Aerobiology	Welcome Center	Center	ADV-1F-02	Adhesive associated with dark gray carpet	2	Composite		No	Non-Friable	Good	No
5322-1F-005 Layer 1	Aerobiology	Welcome Center	Center	-	Tan/Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-005 Layer 2	Aerobiology	Welcome Center	Center	-	Tan Wood Grain	-	ND		No	Non-Friable	Good	No
5322-1F-006	Aerobiology	West Conference Room	Center	ADV-1F-02	Adhesive associated with dark gray carpet	2	Composite		No	Non-Friable	Good	No
5322-1F-006 Layer 1	Aerobiology	West Conference Room	Center	-	Tan/Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-006 Layer 2	Aerobiology	West Conference Room	Center	-	Tan Wood Grain	-	ND		No	Non-Friable	Good	No
5322-1F-007	Aerobiology	Financial Aid Copy Room	East Wing	FB-1F-01	4-inch dark gray floor base	2	Composite		No	Non-Friable	Good	No
5322-1F-007 Layer 1	Aerobiology	Financial Aid Copy Room	East Wing	-	Dark Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-1F-007 Layer 2	Aerobiology	Financial Aid Copy Room	East Wing	-	Off White Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-008	Aerobiology	Room 106	East Wing	FB-1F-01	4-inch dark gray floor base	2	Composite		No	Non-Friable	Good	No
5322-1F-008 Layer 1	Aerobiology	Room 106	East Wing	-	Dark Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-1F-008 Layer 2	Aerobiology	Room 106	East Wing	-	Off White Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-009	Aerobiology	Room 114	East Wing	FB-1F-01	4-inch dark gray floor base	2	Composite		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-1F-009	Aerobiology	Room 114	East Wing	-	Dark Gray Cove Base with Tan Mesh	-	ND		No	Non-Friable	Good	No
5322-1F-009	Aerobiology	Room 114	East Wing	-	Yellow Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-010	Aerobiology	Hallway	West Wing	GWB-1F-01	Rough textured gypsum wallboard walls	1	ND	*Laboratory analysis did not identify white/tan drywall layer*	No	Non-Friable	Good	No
5322-1FD-010[2]	NVL	Hallway	West Wing	GWB-1F-01	Rough textured gypsum wallboard walls	1	ND		No	Non-Friable	Good	No
5322-1F-011	Aerobiology	Hallway	West Wing	GWB-1F-01	Rough textured gypsum wallboard walls	2	Composite		No	Non-Friable	Good	No
5322-1F-011 Layer 1	Aerobiology	Hallway	West Wing	-	White Texture with Gray Paint	-	ND		No	Non-Friable	Good	No
5322-1F-011 Layer 2	Aerobiology	Hallway	West Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-1F-012	Aerobiology	Hallway	West Wing	GWB-1F-01	Rough textured gypsum wallboard walls	2	Composite		No	Non-Friable	Good	No
5322-1F-012 Layer 1	Aerobiology	Hallway	West Wing	-	White Texture with Gray Paint	-	ND		No	Non-Friable	Good	No
5322-1F-012 Layer 2	Aerobiology	Hallway	West Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-1F-013	Aerobiology	Room 109	East Wing	GWB-1F-02	White smooth textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5322-1F-013 Layer 1	Aerobiology	Room 109	East Wing	-	White Compound	-	ND		No	Non-Friable	Good	No
5322-1F-013 Layer 2	Aerobiology	Room 109	East Wing	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5322-1F-013 Layer 3	Aerobiology	Room 109	East Wing	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5322-1F-013 Layer 4	Aerobiology	Room 109	East Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-1F-014	Aerobiology	Room 115	East Wing	GWB-1F-02	White smooth textured gypsum wallboard walls	2	Composite	*Laboratory analysis did not identify cream tape and white joint compound*	No	Non-Friable	Good	No
5322-1F-014 Layer 1	Aerobiology	Room 115	East Wing	-	White Compound	-	ND		No	Non-Friable	Good	No
5322-1F-014 Layer 2	Aerobiology	Room 115	East Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-1F-015	Aerobiology	West Conference Room	Center	GWB-1F-02	White smooth textured gypsum wallboard walls	4	Composite		No	Non-Friable	Good	No
5322-1F-015 Layer 1	Aerobiology	West Conference Room	Center	-	White Compound	-	ND		No	Non-Friable	Good	No
5322-1F-015 Layer 2	Aerobiology	West Conference Room	Center	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5322-1F-015 Layer 3	Aerobiology	West Conference Room	Center	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5322-1F-015 Layer 4	Aerobiology	West Conference Room	Center	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-1F-016	Aerobiology	Janitor Closet	East Wing	MSC-1F-02	Tan adhesive over gray leveling compound on wood subfloor	2	Composite	*Laboratory analysis did not identify brown foamy material*	No	Non-Friable	Good	No
5322-1F-016 Layer 1	Aerobiology	Janitor Closet	East Wing	-	Tan/Cream Adhesive	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-1F-016 Layer 2	Aerobiology	Janitor Closet	East Wing	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-017	Aerobiology	Janitor Closet	East Wing	MSC-1F-02	Tan adhesive over gray leveling compound on wood subfloor	2	Composite	*Laboratory analysis did not identify brown foamy material*	No	Non-Friable	Good	No
5322-1F-017 Layer 1	Aerobiology	Janitor Closet	East Wing	-	Tan/Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-017 Layer 2	Aerobiology	Janitor Closet	East Wing	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-018	Aerobiology	Janitor Closet	East Wing	MSC-1F-02	Tan adhesive over gray leveling compound on wood subfloor	3	Composite		No	Non-Friable	Good	No
5322-1F-018 Layer 1	Aerobiology	Janitor Closet	East Wing	-	Tan/Cream Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-018 Layer 2	Aerobiology	Janitor Closet	East Wing	-	Gray Compound	-	ND		No	Non-Friable	Good	No
5322-1F-018 Layer 3	Aerobiology	Janitor Closet	East Wing	-	Brown Foamy Material	-	ND		No	Non-Friable	Good	No
5322-1F-019	Aerobiology	Room 109	East Wing	CT-1F-01	2-foot by 4-foot rough textured ceiling tile	1	ND		No	Non-Friable	Good	No
5322-1F-020	Aerobiology	Financial Aid Copy Room	East Wing	CT-1F-01	2-foot by 4-foot rough textured ceiling tile	1	ND		No	Non-Friable	Good	No
5322-1FD-020[2]	NVL	Financial Aid Copy Room	East Wing	CT-1F-01	2-foot by 4-foot rough textured ceiling tile	1	ND		No	Non-Friable	Good	No
5322-1F-021	Aerobiology	Women's Bathroom	West Wing	CT-1F-01	2-foot by 4-foot rough textured ceiling tile	1	ND		No	Non-Friable	Good	No
5322-1F-022	Aerobiology	Financial Aid Copy Room	East Wing	SVF-1F-01	Dark gray sheet vinyl flooring with tan adhesive	3	Composite		No	Non-Friable	Good	No
5322-1F-022 Layer 1	Aerobiology	Financial Aid Copy Room	East Wing	-	Clear Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-022 Layer 2	Aerobiology	Financial Aid Copy Room	East Wing	-	Dark Gray Sheet Flooring with Tan Mesh	-	ND		No	Non-Friable	Good	No
5322-1F-022 Layer 3	Aerobiology	Financial Aid Copy Room	East Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-023	Aerobiology	Copy Room 114	West Wing	SVF-1F-01	Dark gray sheet vinyl flooring with tan adhesive	3	Composite		No	Non-Friable	Good	No
5322-1F-023 Layer 1	Aerobiology	Copy Room 114	West Wing	-	Clear Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-023 Layer 2	Aerobiology	Copy Room 114	West Wing	-	Dark Gray Sheet Flooring with Tan Mesh	-	ND		No	Non-Friable	Good	No
5322-1F-023 Layer 3	Aerobiology	Copy Room 114	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-1F-024	Aerobiology	Janitor Closet	East Wing	SVF-1F-01	Dark gray sheet vinyl flooring with tan adhesive	1	ND	*Laboratory analysis did not identify tan adhesive and clear adhesive*	No	Non-Friable	Good	No
5322-1F-025	Aerobiology	Room 109	East Wing	TSI-1F-01	6-inch yellow fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-1F-025 Layer 1	Aerobiology	Room 109	East Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-1F-025 Layer 2	Aerobiology	Room 109	East Wing	-	Silver/White Wrap	-	ND		No	Friable	Good	No
5322-1F-026	Aerobiology	Welcome Center	Center	TSI-1F-01	6-inch yellow fiberglass pipe insulation	1	ND	*Laboratory analysis did not identify silver/white wrap*	No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-1F-027	Aerobiology	Elevator Lobby	East Wing	TSI-1F-01	6-inch yellow fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-1F-027 Layer 1	Aerobiology	Elevator Lobby	East Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-1F-027 Layer 2	Aerobiology	Elevator Lobby	East Wing	-	Silver/White Wrap	-	ND		No	Friable	Good	No
5322-1F-028	Aerobiology	Room 109	East Wing	TSI-1F-02	6-inch yellow fiberglass JETs on pipe system	2	Composite		No	Friable	Good	No
5322-1F-028 Layer 1	Aerobiology	Room 109	East Wing	-	Light Cream Insulation	-	ND		No	Friable	Good	No
5322-1F-028 Layer 2	Aerobiology	Room 109	East Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-1F-029	Aerobiology	Welcome Center	Center	TSI-1F-02	6-inch yellow fiberglass JETs on pipe system	2	Composite		No	Friable	Good	No
5322-1F-029 Layer 1	Aerobiology	Welcome Center	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-1F-029 Layer 2	Aerobiology	Welcome Center	Center	-	White Wrap	-	ND		No	Friable	Good	No
5322-1F-030	Aerobiology	Women's Bathroom	West Wing	TSI-1F-02	6-inch yellow fiberglass JETs on pipe system	2	Composite		No	Friable	Good	No
5322-1F-030 Layer 1	Aerobiology	Women's Bathroom	West Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-1F-030 Layer 2	Aerobiology	Women's Bathroom	West Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-1FD-030[2]	NVL	Women's Bathroom	West Wing	TSI-1F-02	6-inch yellow fiberglass JETs on pipe system	2	ND		No	Friable	Good	No
5322-1FD-030 Layer 1	NVL	Women's Bathroom	West Wing	TSI-1F-02	White Flexible Plastic	-	ND		No	Friable	Good	No
5322-1FD-030 Layer 2	NVL	Women's Bathroom	West Wing	TSI-1F-02	Yellow Fluffy Fibrous Material	-	ND		No	Friable	Good	No
5322-1F-031	Aerobiology	Copy Room 114	West Wing	MSC-1F-01	Light gray sink undercoat	1	ND		No	Non-Friable	Good	No
5322-1F-032	Aerobiology	Copy Room 114	West Wing	MSC-1F-01	Light gray sink undercoat	1	ND		No	Non-Friable	Good	No
5322-1F-033	Aerobiology	Hallway	West Wing	PL-1F-01	Rough textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-1F-034	Aerobiology	Hallway	West Wing	PL-1F-01	Rough textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-1F-035	Aerobiology	Hallway	West Wing	PL-1F-01	Rough textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-1F-036	Aerobiology	Hallway	Center	PL-1F-01	Rough textured plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-1F-037	Aerobiology	Hallway	East Wing	PL-1F-01	Rough textured plaster ceilings	1	ND		No	Non-Friable	Good	No

1. Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
2. Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

Asbestos Containing Materials Summary Results – Inlow Hall, Basement

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-001	Aerobiology	IT Room	West Wing	VT-B-01	9" tan vinyl tile with green streaks with black adhesive	2	Composite	**15% Chrysotile** in Tan/Green Tile and **0.5% Chrysotile** in black adhesive after point count analysis	**Yes**	Non-Friable	Good	No
5322-B-001 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Green Tile	-	**15% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-B-001 Layer 2	Aerobiology	IT Room	West Wing	-	Black Adhesive	-	**0.5% Chrysotile**		No	Non-Friable	Good	**Yes**
5322-B-002	Aerobiology	Server Room	West Wing	VT-B-01	9" tan vinyl tile with green streaks with black adhesive	2	Composite	**15% Chrysotile** in Tan/Green Tile	**Yes**	Non-Friable	Good	No
5322-B-002 Layer 1	Aerobiology	Server Room	West Wing	-	Tan/Green Tile	-	**15% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-B-002 Layer 2	Aerobiology	Server Room	West Wing	-	Black Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-003	Aerobiology	Server Room	West Wing	VT-B-01	9" tan vinyl tile with green streaks with black adhesive	1	**15% Chrysotile**	*Laboratory analysis did not identify black adhesive layer*	**Yes**	Non-Friable	Good	No
5322-B-004	Aerobiology	IT Room	West Wing	VT-B-02	12" tan vinyl tile with grey streaks with black/tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-004 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Gray Tile	-	ND		No	Non-Friable	Good	No
5322-B-004 Layer 2	Aerobiology	IT Room	West Wing	-	Black/Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-005	Aerobiology	IT Room	West Wing	VT-B-02	12" tan vinyl tile with grey streaks with black/tan adhesive	3	Composite		No	Non-Friable	Good	No
5322-B-005 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Gray Tile	-	ND		No	Non-Friable	Good	No
5322-B-005 Layer 2	Aerobiology	IT Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-005 Layer 3	Aerobiology	IT Room	West Wing	-	Black Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-006	Aerobiology	IT Room	West Wing	VT-B-02	12" tan vinyl tile with grey streaks with black/tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-006 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Gray Tile	-	ND		No	Non-Friable	Good	No
5322-B-006 Layer 2	Aerobiology	IT Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-007	Aerobiology	IT Room	West Wing	VT-B-03	12" tan vinyl tile with brown blobs with yellow adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-007 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Brown Tile	-	ND		No	Non-Friable	Good	No
5322-B-007 Layer 2	Aerobiology	IT Room	West Wing	-	Clear/Yellow Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-008	Aerobiology	Server Room	West Wing	VT-B-03	12" tan vinyl tile with brown blobs with yellow adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-008 Layer 1	Aerobiology	Server Room	West Wing	-	Tan/Brown Tile	-	ND		No	Non-Friable	Good	No
5322-B-008 Layer 2	Aerobiology	Server Room	West Wing	-	Yellow Adhesive	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-009	Aerobiology	Server Room	West Wing	VT-B-03	12" tan vinyl tile with brown blobs with yellow adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-009 Layer 1	Aerobiology	Server Room	West Wing	-	Tan Brown Tile	-	ND		No	Non-Friable	Good	No
5322-B-009 Layer 2	Aerobiology	Server Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-010	Aerobiology	Server Room	West Wing	VT-B-04	9" green vinyl tile with tan streaks with white adhesive	2	Composite	**7% Chrysotile** in Green Tile	**Yes**	Non-Friable	Good	No
5322-B-010 Layer 1	Aerobiology	Server Room	West Wing	-	Green Tile	-	**7% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-B-010 Layer 2	Aerobiology	Server Room	West Wing	-	White Adhesive	-	ND		No	Non-Friable	Good	No
5322-BD-010[2]	NVL	Server Room	West Wing	VT-B-04	9" tan vinyl tile with green streaks with white adhesive	1	**4% Chrysotile**	*Laboratory analysis did not identify white adhesive layer*	**Yes**	Non-Friable	Good	No
5322-B-011	Aerobiology	Server Room	West Wing	VT-B-04	9" green vinyl tile with tan streaks with white adhesive	N/A	Not analyzed	*Refer to sample 5322-B-010 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-B-012	Aerobiology	Server Room	West Wing	VT-B-04	9" green vinyl tile with tan streaks with white adhesive	N/A	Not analyzed	*Refer to sample 5322-B-010 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-B-013	Aerobiology	Room 001B	West Wing	ADV-B-01	Tan adhesive associated with tan/gray carpet	1	ND		No	Non-Friable	Good	No
5322-B-014	Aerobiology	IT Room	West Wing	ADV-B-01	Tan adhesive associated with tan/gray carpet	1	ND		No	Non-Friable	Good	No
5322-B-015	Aerobiology	Archival	East Wing	ADV-B-01	Tan adhesive associated with tan/gray carpet	1	ND		No	Non-Friable	Good	No
5322-B-016	Aerobiology	Recording Studio	East Wing	ADV-B-02	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles	1	ND		No	Non-Friable	Good	No
5322-B-017	Aerobiology	Room 013C	East Wing	ADV-B-02	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles	1	ND		No	Non-Friable	Good	No
5322-B-018	Aerobiology	Recording Studio	East Wing	ADV-B-02	Tan adhesive associated with black/brown 2-foot by 2-foot carpet tiles	1	ND		No	Non-Friable	Good	No
5322-B-019	Aerobiology	Server Room	West Wing	GWB-B-01	Smooth Gypsum Wallboard	2	Composite	*Laboratory analysis did not identify joint compound layers*	No	Non-Friable	Good	No
5322-B-019 Layer 1	Aerobiology	Server Room	West Wing	-	White Texture with Blue Paint	-	ND		No	Non-Friable	Good	No
5322-B-019 Layer 2	Aerobiology	Server Room	West Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-B-020	Aerobiology	Veteran Resource Center Storage	West Wing	GWB-B-01	Smooth Gypsum Wallboard	2	Composite		No	Non-Friable	Good	No
5322-B-020 Layer 1	Aerobiology	Veteran Resource Center Storage	West Wing	-	White Texture with Gray Paint	-	ND		No	Non-Friable	Good	No
5322-B-020 Layer 2	Aerobiology	Veteran Resource Center Storage	West Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-B-021	Aerobiology	Room 013C	East Wing	GWB-B-01	Smooth Gypsum Wallboard	1	ND	*Laboratory analysis did not identify white texture layers*	No	Non-Friable	Good	No
5322-B-022	Aerobiology	Room 011	East Wing	GWB-B-02	Rough gypsum wallboard	2	Composite	*Laboratory analysis did not identify joint compound or cream tape layers*	No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-022 Layer 1	Aerobiology	Room 011	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
5322-B-022 Layer 2	Aerobiology	Room 011	East Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-B-023	Aerobiology	Room 011	East Wing	GWB-B-02	Rough gypsum wallboard	4	Composite		No	Non-Friable	Good	No
5322-B-023 Layer 1	Aerobiology	Room 011	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
5322-B-023 Layer 2	Aerobiology	Room 011	East Wing	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5322-B-023 Layer 3	Aerobiology	Room 011	East Wing	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5322-B-023 Layer 4	Aerobiology	Room 011	East Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-B-024	Aerobiology	Room 011A	East Wing	GWB-B-02	Rough gypsum wallboard	4	Composite		No	Non-Friable	Good	No
5322-B-024 Layer 1	Aerobiology	Room 011A	East Wing	-	White Texture with Blue Paint	-	ND		No	Non-Friable	Good	No
5322-B-024 Layer 2	Aerobiology	Room 011A	East Wing	-	Cream Tape	-	ND		No	Non-Friable	Good	No
5322-B-024 Layer 3	Aerobiology	Room 011A	East Wing	-	White Joint Compound	-	ND		No	Non-Friable	Good	No
5322-B-024 Layer 4	Aerobiology	Room 011A	East Wing	-	White/Tan Drywall	-	ND		No	Non-Friable	Good	No
5322-B-025	Aerobiology	IT Room	West Wing	SUR-B-01	Granular texture on concrete	1	ND		No	Non-Friable	Good	No
5322-BD-025[2]	NVL	IT Room	West Wing	SUR-B-01	Granular texture on concrete	1	ND		No	Non-Friable	Good	No
5322-B-026	Aerobiology	IT Room	West Wing	SUR-B-01	Granular texture on concrete	1	ND		No	Non-Friable	Good	No
5322-B-027	Aerobiology	IT Room	West Wing	SUR-B-01	Granular texture on concrete	1	ND		No	Non-Friable	Good	No
5322-B-028	Aerobiology	Room 008	East Wing	CT-B-01	1-foot by 1-foot ceiling tile on walls	2	Composite		No	Non-Friable	Good	No
5322-B-028 Layer 1	Aerobiology	Room 008	East Wing	-	White/Gray Ceiling Tile	-	ND		No	Non-Friable	Good	No
5322-B-028 Layer 2	Aerobiology	Room 008	East Wing	-	Orange Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-029	Aerobiology	Room 008	East Wing	CT-B-01	1-foot by 1-foot ceiling tile on walls	2	Composite		No	Friable	Good	No
5322-B-029 Layer 1	Aerobiology	Room 008	East Wing	-	White/Gray Ceiling Tile	-	ND		No	Friable	Good	No
5322-B-029 Layer 2	Aerobiology	Room 008	East Wing	-	Orange Adhesive	-	ND		No	Friable	Good	No
5322-B-030	Aerobiology	Room 008	East Wing	CT-B-01	1-foot by 1-foot ceiling tile on walls	2	Composite		No	Friable	Good	No
5322-B-030 Layer 1	Aerobiology	Room 008	East Wing	-	White/Gray Ceiling Tile	-	ND		No	Friable	Good	No
5322-B-030 Layer 2	Aerobiology	Room 008	East Wing	-	Orange Adhesive	-	ND		No	Friable	Good	No
5322-BD-030[2]	NVL	Recording Studio	East Wing	CT-B-01	1-foot by 1-foot ceiling tile on walls	2	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-BD-030 Layer 1	NVL	Recording Studio	East Wing	-	Gray fibrous material with paint	-	ND		No	Friable	Good	No
5322-BD-030 Layer 2	NVL	Recording Studio	East Wing	-	Tan brittle adhesive	-	ND		No	Friable	Good	No
5322-B-031	Aerobiology	Veteran Resource Center Storage	West Wing	PL-B-01	Granular textured plaster walls	2	Composite	*Laboratory analysis did not identify white compound layer*	No	Non-Friable	Good	No
5322-B-031 Layer 1	Aerobiology	Veteran Resource Center Storage	West Wing	-	White Granular Texture with White Paint	-	ND		No	Non-Friable	Good	No
5322-B-031 Layer 2	Aerobiology	Veteran Resource Center Storage	West Wing	-	White Plaster	-	ND		No	Non-Friable	Good	No
5322-B-032	Aerobiology	Hallway	West Wing	PL-B-01	Granular textured plaster walls	3	Composite		No	Non-Friable	Good	No
5322-B-032 Layer 1	Aerobiology	Hallway	West Wing	-	White Texture with Multiple White Paint Layers	-	ND		No	Non-Friable	Good	No
5322-B-032 Layer 2	Aerobiology	Hallway	West Wing	-	Gray/White Granular Plaster	-	ND		No	Non-Friable	Good	No
5322-B-032 Layer 3	Aerobiology	Hallway	West Wing	-	White Compound	-	ND		No	Non-Friable	Good	No
5322-B-033	Aerobiology	Hallway	West Wing	PL-B-01	Granular textured plaster walls	3	Composite		No	Non-Friable	Good	No
5322-B-033 Layer 1	Aerobiology	Hallway	West Wing	-	White Texture with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5322-B-033 Layer 2	Aerobiology	Hallway	West Wing	-	White Granular Texture with Orange Paint	-	ND		No	Non-Friable	Good	No
5322-B-033 Layer 3	Aerobiology	Hallway	West Wing	-	White Plaster	-	ND		No	Non-Friable	Good	No
5322-B-034	Aerobiology	Server Room	West Wing	FB-B-01	4" black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-034 Layer 1	Aerobiology	Server Room	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-034 Layer 2	Aerobiology	Server Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-035	Aerobiology	Server Room	West Wing	FB-B-01	4" black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-035 Layer 1	Aerobiology	Server Room	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-035 Layer 2	Aerobiology	Server Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-036	Aerobiology	Server Room	West Wing	FB-B-01	4" black floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-036 Layer 1	Aerobiology	Server Room	West Wing	-	Black Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-036 Layer 2	Aerobiology	Server Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-037	Aerobiology	Veteran Resource Center Storage	West Wing	FB-B-02	4" dark gray floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-037 Layer 1	Aerobiology	Veteran Resource Center Storage	West Wing	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-037 Layer 2	Aerobiology	Veteran Resource Center Storage	West Wing	-	White Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-038	Aerobiology	Elevator lobby	Center	FB-B-02	4" dark gray floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-038 Layer 1	Aerobiology	Elevator lobby	Center	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-038 Layer 2	Aerobiology	Elevator lobby	Center	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-039	Aerobiology	Elevator lobby	Center	FB-B-02	4" dark gray floor base with tan adhesive	2	Composite		No	Non-Friable	Good	No
5322-B-039 Layer 1	Aerobiology	Elevator lobby	Center	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-039 Layer 2	Aerobiology	Elevator lobby	Center	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-040	Aerobiology	Recording Studio	East Wing	FB-B-03	6" dark gray floor base	2	Composite		No	Non-Friable	Good	No
5322-B-040 Layer 1	Aerobiology	Recording Studio	East Wing	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-040 Layer 2	Aerobiology	Recording Studio	East Wing	-	Orange Adhesive	-	ND		No	Non-Friable	Good	No
5322-BD-040[2]	NVL	Recording Studio	East Wing	FB-B-03	6" dark gray floor base	2	ND		No	Non-Friable	Good	No
5322-BD-040 Layer 1	NVL	Recording Studio	East Wing	-	Gray rubbery material	-	ND		No	Non-Friable	Good	No
5322-BD-040 Layer 2	NVL	Recording Studio	East Wing	-	White compacted powdery material with tan adhesive	-	ND		No	Non-Friable	Good	No
5322-B-041	Aerobiology	Recording Studio	East Wing	FB-B-03	6" dark gray floor base	2	Composite		No	Non-Friable	Good	No
5322-B-041 Layer 1	Aerobiology	Recording Studio	East Wing	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-041 Layer 2	Aerobiology	Recording Studio	East Wing	-	Orange Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-042	Aerobiology	Recording Studio	East Wing	FB-B-03	6" dark gray floor base	2	Composite		No	Non-Friable	Good	No
5322-B-042 Layer 1	Aerobiology	Recording Studio	East Wing	-	Gray Cove Base	-	ND		No	Non-Friable	Good	No
5322-B-042 Layer 2	Aerobiology	Recording Studio	East Wing	-	Orange Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-043	Aerobiology	Hallway	West Wing	TSI-B-01	4" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-043 Layer 1	Aerobiology	Hallway	West Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-043 Layer 2	Aerobiology	Hallway	West Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-044	Aerobiology	Hallway	Center	TSI-B-01	4" fiberglass pipe insulation	3	Composite	*Laboratory analysis identified blue/green adhesive layer*	No	Friable	Good	No
5322-B-044 Layer 1	Aerobiology	Hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-044 Layer 2	Aerobiology	Hallway	Center	-	Blue/Green Adhesive	-	ND		No	Friable	Good	No
5322-B-044 Layer 3	Aerobiology	Hallway	Center	-	Brown Insulation	-	ND		No	Friable	Good	No
5322-B-045	Aerobiology	Hallway	East Wing	TSI-B-01	4" fiberglass pipe insulation	3	Composite	*Laboratory analysis identified clear/tan adhesive layer*	No	Friable	Good	No
5322-B-045 Layer 1	Aerobiology	Hallway	East Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-045 Layer 2	Aerobiology	Hallway	East Wing	-	Clear Tan Adhesive	-	ND		No	Friable	Good	No
5322-B-045 Layer 3	Aerobiology	Hallway	East Wing	-	Brown Insulation	-	ND		No	Friable	Good	No
5322-B-046	Aerobiology	Hallway	West Wing	TSI-B-02	4" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-046 Layer 1	Aerobiology	Hallway	West Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-046 Layer 2	Aerobiology	Hallway	West Wing	-	Cream Insulation	-	ND		No	Friable	Good	No
5322-B-047	Aerobiology	Hallway	West Wing	TSI-B-02	4" fiberglass pipe JETs	1	ND	*Laboratory analysis did not identify insulation layer*	No	Friable	Good	No
5322-B-048	Aerobiology	Hallway	East Wing	TSI-B-02	4" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-048 Layer 1	Aerobiology	Hallway	East Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-048 Layer 2	Aerobiology	Hallway	East Wing	-	Brown Insulation	-	ND		No	Friable	Good	No
5322-B-049	Aerobiology	Hallway	West Wing	TSI-B-03	6" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-049 Layer 1	Aerobiology	Hallway	West Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-049 Layer 2	Aerobiology	Hallway	West Wing	-	Tan Insulation	-	ND		No	Friable	Good	No
5322-B-050	Aerobiology	Hallway	Center	TSI-B-03	6" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-050 Layer 1	Aerobiology	Hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-050 Layer 2	Aerobiology	Hallway	Center	-	Yellow/Tan Insulation	-	ND		No	Friable	Good	No
5322-BD-050[2]	NVL	Hallway	Center	TSI-B-03	6" fiberglass pipe insulation	2	ND		No	Friable	Good	No
5322-BD-050 Layer 1	NVL	Hallway	Center	-	White fibrous felt with metal foil	-	ND		No	Friable	Good	No
5322-BD-050 Layer 2	NVL	Hallway	Center	-	Yellow fluffy fibrous material	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-051	Aerobiology	Hallway	Center	TSI-B-03	6" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-051 Layer 1	Aerobiology	Hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-051 Layer 2	Aerobiology	Hallway	Center	-	Yellow/Tan Insulation	-	ND		No	Friable	Good	No
5322-B-052	Aerobiology	Hallway	West Wing	TSI-B-04	6" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-052 Layer 1	Aerobiology	Hallway	West Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-052 Layer 2	Aerobiology	Hallway	West Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-B-053	Aerobiology	Hallway	Center	TSI-B-04	6" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-053 Layer 1	Aerobiology	Hallway	Center	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-053 Layer 2	Aerobiology	Hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-B-054	Aerobiology	Hallway	West Wing	TSI-B-04	6" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-054 Layer 1	Aerobiology	Hallway	West Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-054 Layer 2	Aerobiology	Hallway	West Wing	-	Cream Insulation	-	ND		No	Friable	Good	No
5322-B-055	Aerobiology	Hallway	West Wing	TSI-B-05	8" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-055 Layer 1	Aerobiology	Hallway	West Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-055 Layer 2	Aerobiology	Hallway	West Wing	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-B-056	Aerobiology	Hallway	Center	TSI-B-05	8" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-056 Layer 1	Aerobiology	Hallway	Center	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-056 Layer 2	Aerobiology	Hallway	Center	-	Yellow Insulation	-	ND		No	Friable	Good	No
5322-B-057	Aerobiology	Room 008	East Wing	TSI-B-05	8" fiberglass pipe insulation	2	Composite		No	Friable	Good	No
5322-B-057 Layer 1	Aerobiology	Room 008	East Wing	-	White/Silver Wrap	-	ND		No	Friable	Good	No
5322-B-057 Layer 2	Aerobiology	Room 008	East Wing	-	Yellow/Tan Insulation	-	ND		No	Friable	Good	No
5322-B-058	Aerobiology	Room 008	East Wing	TSI-B-06	8" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-058 Layer 1	Aerobiology	Room 008	East Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-058 Layer 2	Aerobiology	Room 008	East Wing	-	Cream Insulation	-	ND		No	Friable	Good	No
5322-B-059	Aerobiology	Hallway	Center	TSI-B-06	8" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-059 Layer 1	Aerobiology	Hallway	Center	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-059 Layer 2	Aerobiology	Hallway	Center	-	Cream Insulation	-	ND		No	Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-060	Aerobiology	Hallway	West Wing	TSI-B-06	8" fiberglass pipe JETs	2	Composite		No	Friable	Good	No
5322-B-060 Layer 1	Aerobiology	Hallway	West Wing	-	White Wrap	-	ND		No	Friable	Good	No
5322-B-060 Layer 2	Aerobiology	Hallway	West Wing	-	Cream Insulation	-	ND		No	Friable	Good	No
5322-BD-060[2]	NVL	Hallway	West Wing	TSI-B-06	8" fiberglass pipe jets	2	ND		No	Friable	Good	No
5322-BD-060 Layer 1	NVL	Hallway	West Wing	-	White hard plastic	-	ND		No	Friable	Good	No
5322-BD-060 Layer 2	NVL	Hallway	West Wing	-	Yellow fluffy fibrous material	-	ND		No	Friable	Good	No
5322-B-061	Aerobiology	Hallway	West Wing	SEA-B-01	Red pipe sealant	1	ND		No	Non-Friable	Good	No
5322-B-062	Aerobiology	Hallway	West Wing	SEA-B-01	Red pipe sealant	1	ND		No	Non-Friable	Good	No
5322-B-063	Aerobiology	Hallway	Center	SEA-B-01	Red pipe sealant	1	ND		No	Non-Friable	Good	No
5322-B-064	Aerobiology	Area 012A	East Wing	MSC-B-01	White sink undercoat	1	ND	*Inspector determined less than 3 samples to be sufficient*	No	Non-Friable	Good	No
5322-B-065	Aerobiology	Area 012A	East Wing	MSC-B-01	White sink undercoat	1	ND	*Inspector determined less than 3 samples to be sufficient*	No	Non-Friable	Good	No
5322-B-066	Aerobiology	Room 008	East Wing	CT-B-02	1-foot by 2-foot suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5322-B-067	Aerobiology	Server Room	West Wing	CT-B-02	1-foot by 2-foot suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5322-B-068	Aerobiology	Server Room	West Wing	CT-B-02	1-foot by 2-foot suspended ceiling tile	1	ND		No	Non-Friable	Good	No
5322-B-069	Aerobiology	Hallway	West Wing	SEA-B-02	Dark red sealant	1	ND		No	Non-Friable	Good	No
5322-B-070	Aerobiology	Hallway	West Wing	SEA-B-02	Dark red sealant	1	ND		No	Non-Friable	Good	No
5322-BD-070[2]	NVL	Hallway	West Wing	SEA-B-02	Dark red sealant	1	ND		No	Non-Friable	Good	No
5322-B-071	Aerobiology	Hallway	West Wing	SEA-B-02	Dark red sealant	1	ND		No	Non-Friable	Good	No
5322-B-072	Aerobiology	IT Room	West Wing	VT-B-05	12-inch tan vinyl tile with brown streaks	3	Composite	**0.25% Chrysotile** in Tan/Brown Tile after point count analysis	No	Non-Friable	Good	**Yes**
5322-B-072 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Brown Tile	-	**0.25% Chrysotile**		No	Non-Friable	Good	**Yes**
5322-B-072 Layer 2	Aerobiology	IT Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-072 Layer 3	Aerobiology	IT Room	West Wing	-	Black Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-073	Aerobiology	IT Room	West Wing	VT-B-05	12-inch tan vinyl tile with brown streaks	3	Composite	**<0.25% Chrysotile** in Tan/Brown Tile after point count analysis	No	Non-Friable	Good	**Yes**
5322-B-073 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Brown Tile	-	**<0.25% Chrysotile**		No	Non-Friable	Good	**Yes**
5322-B-073 Layer 2	Aerobiology	IT Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-073 Layer 3	Aerobiology	IT Room	West Wing	-	Black Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-074	Aerobiology	IT Room	West Wing	VT-B-05	12-inch tan vinyl tile with brown streaks	3	Composite	**<0.25% Chrysotile** in Tan/Brown Tile after point count analysis	No	Non-Friable	Good	**Yes**
5322-B-074 Layer 1	Aerobiology	IT Room	West Wing	-	Tan/Brown Tile	-	**<0.25% Chrysotile**		No	Non-Friable	Good	**Yes**
5322-B-074 Layer 2	Aerobiology	IT Room	West Wing	-	Tan Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-074 Layer 3	Aerobiology	IT Room	West Wing	-	Black Adhesive	-	ND		No	Non-Friable	Good	No
5322-B-075[3]	Aerobiology	Hallway	West Wing	PL-B-03	Granular plaster ceilings	2	Composite	**4% Chrysotile** in White Texture with Cream Paint Sample was reassigned to PL-B-03 after a supplemental inspection was completed	**Yes**	Non-Friable	Good	No
5322-B-075 Layer 1	Aerobiology	Hallway	West Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
5322-B-075 Layer 2	Aerobiology	Hallway	West Wing	-	White Texture with Cream Paint	-	**4% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-B-076	Aerobiology	Hallway	West Wing	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-B-077	Aerobiology	Hallway	West Wing	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-B-078	Aerobiology	Hallway	Center	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-B-079	Aerobiology	Hallway	Center	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-B-080	Aerobiology	Hallway	East Wing	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-BD-080[2]	NVL	Hallway	East Wing	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No
5322-B-081	Aerobiology	Hallway	East Wing	PL-B-02	Granular plaster ceilings	2	ND	*Laboratory analysis identified additional paint layer*	No	Non-Friable	Good	No
5322-B-081 Layer 1	Aerobiology	Hallway	East Wing	-	White Plaster W/White Paint	-	ND		No	Non-Friable	Good	No
5322-B-081 Layer 2	Aerobiology	Hallway	East Wing	-	White/Gray Granular Plaster W/Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
5322-B-082	Aerobiology	Hallway	West Wing	TSI-B-07	White chalky 4" pipe insulation	2	Composite	**12% Chrysotile** and **3 % Amosite** in White Insulation	**Yes**	Friable	Damaged	No
5322-B-082 Layer 1	Aerobiology	Hallway	West Wing	-	White Wrap	-	ND		No	Friable	Damaged	No
5322-B-082 Layer 2	Aerobiology	Hallway	West Wing	-	White Insulation	-	**12% Chrysotile** and **3 % Amosite**		**Yes**	Friable	Damaged	No
5322-B-083	Aerobiology	Hallway	West Wing	TSI-B-07	White chalky 4" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-082 for sample analysis*	**Yes**	Friable	Damaged	No
5322-B-084	Aerobiology	Hallway	East Wing	TSI-B-07	White chalky 4" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-083 for sample analysis*	**Yes**	Friable	Damaged	No
5322-B-085	Aerobiology	Hallway	Center	TSI-B-08	White chalky 6" pipe insulation	2	Composite	**18% Chrysotile** and **2 % Amosite** in White Insulation	**Yes**	Friable	Damaged	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-B-085 Layer 1	Aerobiology	Hallway	Center	-	White Wrap	-	ND		No	Friable	Damaged	No
5322-B-085 Layer 2	Aerobiology	Hallway	Center	-	White Insulation	-	**18% Chrysotile** and **2 % Amosite**		**Yes**	Friable	Damaged	No
5322-B-086	Aerobiology	Hallway	Center	TSI-B-08	White chalky 6" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-085 for sample analysis*	**Yes**	Friable	Damaged	No
5322-B-087	Aerobiology	Hallway	Center	TSI-B-08	White chalky 6" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-085 for sample analysis*	**Yes**	Friable	Damaged	No
5322-B-088	Aerobiology	Hallway	Center	TSI-B-09	JETs associated with chalky 4" pipe insulation	2	Composite	**18% Chrysotile** and **2 % Amosite** in White Insulation	**Yes**	Friable	Damaged	No
5322-B-088 Layer 1	Aerobiology	Hallway	Center	-	White Wrap	-	ND		No	Friable	Damaged	No
5322-B-088 Layer 2	Aerobiology	Hallway	Center	-	White Insulation	-	**18% Chrysotile** and **2 % Amosite**		**Yes**	Friable	Damaged	No
5322-B-089	Aerobiology	Hallway	Center	TSI-B-09	JETs associated with chalky 4" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-088 for sample analysis*	**Yes**	Friable	Damaged	No
5322-B-090	Aerobiology	Hallway	Center	TSI-B-09	JETs associated with chalky 4" pipe insulation	N/A	Not analyzed	*Refer to sample 5322-B-088 for sample analysis*	**Yes**	Friable	Damaged	No
5322-BD-090[2]	NVL	Hallway	Center	TSI-B-09	JETs associated with chalky 4" pipe insulation	1	**4% Chrysotile** and **20% Amosite**		**Yes**	Friable	Damaged	No
6322-B-001	Aerobiology	Hallway	East Wing	SUR-B-01	Granular texture on concrete	-	ND	*Laboratory analysis did not identify white texture layer*	No	Non-Friable	Good	No
6322-B-002	Aerobiology	Hallway	East Wing	SUR-B-01	Granular texture on concrete	2	Composite	*Laboratory analysis did not identify white texture layer*	No	Non-Friable	Good	No
6322-B-002 Layer 1	Aerobiology	Hallway	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-B-002 Layer 2	Aerobiology	Hallway	East Wing	-	Cream Texture W/Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
6322-B-003	Aerobiology	Hallway	East Wing	SUR-B-01	Granular texture on concrete	2	Composite		No	Non-Friable	Good	No
6322-B-003 Layer 1	Aerobiology	Hallway	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-B-003 Layer 2	Aerobiology	Hallway	East Wing	-	Cream Texture with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
6322-B-004	Aerobiology	Hallway	East Wing	SUR-B-01	Granular texture on concrete	2	Composite		No	Non-Friable	Good	No
6322-B-004 Layer 1	Aerobiology	Hallway	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-B-004 Layer 2	Aerobiology	Hallway	East Wing	-	Cream Texture W/Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
6322-B-005	Aerobiology	Hallway	West Wing	PL-B-01	Granular textured plaster walls	1	ND		No	Non-Friable	Good	No
6322-B-006	Aerobiology	Hallway	West Wing	PL-B-01	Granular textured plaster walls	1	ND		No	Non-Friable	Good	No
6322-B-007	Aerobiology	Hallway	Center	PL-B-01	Granular textured plaster walls	2	Composite		No	Non-Friable	Good	No
6322-B-007 Layer 1	Aerobiology	Hallway	Center	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
6322-B-007 Layer 2	Aerobiology	Hallway	Center	-	White/Gray Granular Plaster with Tan Paint	-	ND		No	Non-Friable	Good	No
6322-B-008	Aerobiology	Hallway	East Wing	PL-B-01	Granular textured plaster walls	2	Composite		No	Non-Friable	Good	No
6322-B-008 Layer 1	Aerobiology	Hallway	East Wing	-	White Texture with White Paint	-	ND		No	Non-Friable	Good	No
6322-B-008 Layer 2	Aerobiology	Hallway	East Wing	-	White/Gray Granular Plaster with Multicolored Paint Layers	-	ND		No	Non-Friable	Good	No
6322-B-009	Aerobiology	Hallway	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations	-	**5% Chrysotile**	**5% Chrysotile** in white texture with white paint layer	**Yes**	Non-Friable	Good	No
6322-B-010	Aerobiology	Hallway	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations	-	Not analyzed	*Refer to sample 6322-B-009 for sample analysis*	**Yes**	Non-Friable	Good	No
6322-B-011	Aerobiology	Hallway	West Wing	PL-B-03	Smooth plaster ceiling patch around pipe hanger penetrations	-	Not analyzed	*Refer to sample 6322-B-009 for sample analysis*	**Yes**	Non-Friable	Good	No
6322-B-012	Aerobiology	Hallway	West Wing	PL-B-02	Granular plaster ceilings	1	ND		No	Non-Friable	Good	No

1. Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
2. Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

Asbestos Containing Materials Summary Results – Inlow Hall, Exterior

Sample ID	Laboratory	Location[1]	Space Name	Index	Material	Layers	Analytical Result	Comment	Greater than 1%	Friability	Current Condition	1% or lower
5322-E-001	Aerobiology	South	Exterior	WG-E-01	Thick window glazing on basement windows	1	ND		No	Non-Friable	Good	No
5322-E-002	Aerobiology	West	Exterior	WG-E-01	Thick window glazing on basement windows	1	ND		No	Non-Friable	Good	No
5322-E-002[2]	NVL	West	Exterior	WG-E-01	Thick window glazing on basement windows	1	ND		No	Non-Friable	Good	No
5322-E-003	Aerobiology	East	Exterior	WG-E-01	Thick window glazing on basement windows	1	**1% Chrysotile**	**1% Chrysotile** after point count	No	Non-Friable	Good	**Yes**
5322-E-004	Aerobiology	North	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-005	Aerobiology	West	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-005[2]	NVL	West	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-006	Aerobiology	South	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-007	Aerobiology	South	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-008	Aerobiology	East	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-009	Aerobiology	East	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-010	Aerobiology	North	Exterior	SUR-E-01	Tan stucco on exterior walls	1	ND		No	Non-Friable	Damaged	No
5322-E-011	Aerobiology	West	Exterior	DP-E-01	Tan door putty around old basement door	1	ND		No	Non-Friable	Good	No
5322-E-012	Aerobiology	West	Exterior	DP-E-01	Tan door putty around old basement door	1	ND		No	Non-Friable	Good	No
5322-E-013	Aerobiology	West	Exterior	DP-E-01	Tan door putty around old basement door	1	ND		No	Non-Friable	Good	No
5322-E-014	Aerobiology	South	Exterior	DP-E-02	Tan door putty around new exterior door	1	ND		No	Non-Friable	Good	No
5322-E-015	Aerobiology	South	Exterior	DP-E-02	Tan door putty around new exterior door	1	ND		No	Non-Friable	Good	No
5322-E-016	Aerobiology	South	Exterior	DP-E-02	Tan door putty around new exterior door	1	ND		No	Non-Friable	Good	No
5322-E-017	Aerobiology	East	Exterior	SEA-E-01	Light gray staircase sealant/caulking	1	**4% Chrysotile**		**Yes**	Non-Friable	Good	No
5322-E-018	Aerobiology	West	Exterior	SEA-E-01	Light gray staircase sealant/caulking	N/A	Not analyzed	*Refer to sample 5322-E-017 for sample analysis*	**Yes**	Non-Friable	Good	No
5322-E-019	Aerobiology	North	Exterior	SEA-E-01	Light gray staircase sealant/caulking	N/A	Not analyzed	*Refer to sample 5322-E-017 for sample analysis*	**Yes**	Non-Friable	Good	No

1. Locations identified in the table reflect the locations sampled and may not represent all locations of identified materials.
2. Duplicate sample
ND = Non-Detect
N/A = Not Analyzed

NVLAP TESTING

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(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: N4AXD6 - 223507 Roof

Proiect ID: 22017174

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/13/22
Date Reported: 05/16/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-CR-01	22017174-001-A	Cream/Green Membrane	N	5	ND		20	80	SYN
	22017174-001-B	Gray Gypsum Material W/Brown/Off White Tape	N	35	ND		15	85	B,CELL,FBG
	22017174-001-C	White Foamy Material	N	60	ND			100	
5322-CR-02	22017174-002-A	Cream/Green Membrane	N	5	ND		20	80	SYN
	22017174-002-B	Gray Gypsum Material W/Dark Brown Tape	N	35	ND		15	85	G,CELL,FBG
	22017174-002-C	White Foamy Material	N	60	ND			100	
5322-CR-03	22017174-003-A	Cream/Green Membrane	N	5	ND		20	80	SYN
	22017174-003-B	Gray Gypsum Material W/Brown/Off White Tape	N	35	ND		15	85	G,CELL,FBG
	22017174-003-C	White Foamy Material	N	60	ND			100	
5322-CR-04	22017174-004	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-CR-05	22017174-005	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL
5322-CR-06	22017174-006	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL
5322-CR-07	22017174-007	Light Gray Sealant	N	100	ND			100	B,C
5322-CR-08	22017174-008	Light Gray Sealant	N	100	ND			100	B,C
5322-CR-09	22017174-009	Light Gray Sealant	N	100	ND			100	B,C
5322-CR-10	22017174-010	Tan Sealant	N	100	ND			100	B,C
5322-CR-11	22017174-011-A	Tan Sealant	N	90	ND			100	B,C
	22017174-011-B	White Coating	N	10	ND			100	B
5322-CR-12	22017174-012	Tan Sealant	N	100	ND			100	B,C
5322-CR-13	**22017174-013**	**Black Sealant**	**N**	**100**	**CHRY**	**12**		**88**	**T,B**

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-CR-14	22017174-014	Positive Stop							
5322-CR-15	22017174-015	Positive Stop							
5322-CR-16	22017174-016-A	Black Tar	N	5	ND			100	T,B
	22017174-016-B	Black Roofing Material	N	15	ND		60	40	T,B,SYN
	22017174-016-C	**Black Sealant**	**N**	**25**	**CHRY**	**7**		**93**	**T,B**
	22017174-016-D	Black Roofing Material	N	15	ND		60	40	T,B,SYN
	22017174-016-E	Black Tar	N	20	ND		2	98	T,B
	22017174-016-F	Black Multilayered Felt	N	20	ND		75	25	T,B,FBG
5322-CR-17	22017174-017	Positive Stop							
5322-CR-18	22017174-018	Positive Stop							

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
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SYN Synthetic
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NAC Non-Asbestiform AC
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-ER-01	22017174-019-A	White Resinous Material	N	7	ND			100	B
	22017174-019-B	Black/Gray Roofing Material	N	23	ND		20	80	T,Q,FBG,SYN
	22017174-019-C	Clear Sheet	N	3	ND			100	B
	22017174-019-D	Black Roofing Material	N	22	ND		12	88	T,B,FBG
	22017174-019-E	Gray Gypsum Material W/White Tape	N	45	ND		15	85	G,FBG
5322-ER-02	22017174-020-A	White Resinous Material	N	7	ND			100	B
	22017174-020-B	Black/Gray Roofing Material	N	23	ND		20	80	T,Q,FBG,SYN
	22017174-020-C	Clear Sheet	N	3	ND			100	B
	22017174-020-D	Black Roofing Material	N	22	ND		12	88	T,B,FBG
	22017174-020-E	Gray Gypsum Material W/White Tape	N	45	ND		15	85	G,FBG

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Analyst

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CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-ER-03	22017174-021-A	White Resinous Material	N	5	ND			100	B
	22017174-021-B	Black/Gray Roofing Material	N	25	ND		20	80	T,Q,FNG,SYN
	22017174-021-C	Clear Sheet	N	3	ND			100	B
	22017174-021-D	Black Roofing Material	N	25	ND		12	88	T,B,FBG
	22017174-021-E	Gray Gypsum Material W/White Tape	N	42	ND		15	85	G,FBG
5322-ER-04	22017174-022	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-ER-05	22017174-023	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-ER-06	22017174-024	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-ER-07	22017174-025-A	Black Roofing Material	N	45	ND		85	15	T,B,CELL
	22017174-025-B	Black Roof Material W/Black Tar	N	55	ND		60	40	T,B,CELL

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP LAB CODE 500097-0

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-ER-08	22017174-026	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL
5322-ER-09	22017174-027	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL
5322-WR-01	22017174-028-A	White Resinous Material	N	7	ND			100	B
	22017174-028-B	Black/Gray Roofing Material	N	25	ND		20	80	T,Q,FBG,SYN
	22017174-028-C	Clear Sheet	N	2	ND			100	B
	22017174-028-D	Black Roofing Material	N	20	ND		12	88	T,B,FBG
	22017174-028-E	Gray Gypsum Material W/White Tape	N	46	ND		15	85	G,FBG

Elle Teague
Analyst

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Manager-Asbestos

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Trace Less Than 1%
ND None Detected

Q Quartz
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-WR-02	22017174-029-A	White Resinous Material	N	5	ND			100	B
	22017174-029-B	Black/Gray Roofing Material	N	30	ND		20	80	T,Q,FBG,SYN
	22017174-029-C	Clear Sheet	N	2	ND			100	B
	22017174-029-D	Black Roofing Material	N	18	ND		12	88	T,B,FBG
	22017174-029-E	Gray Gypsum Material W/White Tape	N	45	ND		15	85	G,FBG
5322-WR-03	22017174-030-A	White Resinous Material	N	3	ND			100	B
	22017174-030-B	Black/Gray Roofing Material	N	22	ND		20	80	T,Q,FBG,SYN
	22017174-030-C	Clear Sheet	N	1	ND			100	B
	22017174-030-D	Black Roofing Material	N	16	ND		12	88	T,B,FBG
	22017174-030-E	Gray Gypsum Material W/White Tape	N	58	ND		15	85	G,FBG

Elle Teague
Analyst

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Manager-Asbestos

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CHRY Chrysotile
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-WR-04	22017174-031	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-WR-05	22017174-032	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-WR-06	22017174-033	Gray Sealant W/White Fibrous Material	N	100	ND		30	70	B,SYN
5322-WR-07	22017174-034	Black Roofing Material W/Black Tar	N	100	ND		60	40	T,B,CELL
5322-WR-08	22017174-035	Black Multilayered Roofing Material W/Black Tar	N	100	ND		55	45	T,B,CELL
5322-WR-09	22017174-036	Black Roofing Material W/Black Tar	N	100	ND		55	45	T,B,CELL

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
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NAC Non-Asbestiform AC
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General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

22017174
5/6/2022

N4AXD6

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Roof
Site Location: Inlow Hall Roof
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-CR-01	RFM-CR-01 - White tarp layers over gray chalky material over styrofoam layer	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-02	RFM-CR-01 - White tarp layers over gray chalky material over styrofoam layer	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-03	RFM-CR-01 - White tarp layers over gray chalky material over styrofoam layer	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-04	RFM-CR-02 - Black built up roofing on sloped roof	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-05	RFM-CR-02 - Black built up roofing on sloped roof	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-06	RFM-CR-02 - Black built up roofing on sloped roof	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5322-CR-07	SEA-CR-01 - Gray sealant around exhaust ducts	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-08	SEA-CR-01 - Gray sealant around exhaust ducts	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-09	SEA-CR-01 - Gray sealant around exhaust ducts	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-10	SEA-CR-02 - Tan sealant around perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-11	SEA-CR-02 - Tan sealant around perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-12	SEA-CR-02 - Tan sealant around perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-13	SEA-CR-03 - Black sealant on center roof corners	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-14	SEA-CR-03 - Black sealant on center roof corners	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-15	SEA-CR-03 - Black sealant on center roof corners	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-16	RFM-CR-03 - Black built up roofing with tar layer around roof perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-17	RFM-CR-03 - Black built up roofing with tar layer around roof perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CR-18	RFM-CR-03 - Black built up roofing with tar layer around roof perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22017174
5/6/2022

Sample ID	Material	Floor / Section	Space	Analysis
~~5322-CRD-10~~	~~SEA-CR-02 - Tan sealant around perimeter~~	~~Roof~~	~~Center~~	~~3002 - PLM Bulk Count (EPA Method 600/R93/116)~~ *
~~5322-CRD-15~~	~~SEA-CR-03 - Black sealant on center roof corners~~	~~Roof~~	~~Center~~	~~3002 - PLM Bulk Count (EPA Method 600/R93/116)~~ *
5322-ER-01	RFM-ER-01 - White painted black roofing material over fibrous layer	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-02	RFM-ER-01 - White painted black roofing material over fibrous layer	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-03	RFM-ER-01 - White painted black roofing material over fibrous layer	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-04	SEA-ER-01 - Gray sealant around exhaust ducts	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-05	SEA-ER-01 - Gray sealant around exhaust ducts	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-06	SEA-ER-01 - Gray sealant around exhaust ducts	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-07	RFM-ER-02 - Built up roofing on sloped roof	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-08	RFM-ER-02 - Built up roofing on sloped roof	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ER-09	RFM-ER-02 - Built up roofing on sloped roof	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)
~~5322-ERD-09~~	~~RFM-ER-02 - Built up roofing on sloped roof~~	~~Roof~~	~~East~~	~~3002 - PLM Bulk Count (EPA Method 600/R93/116)~~ *

* Per B. Rosas Removed Samples
5/10/22 JV

22017174
5/6/2022

Sample ID	Material	Floor / Section	Space	Analysis
5322-WR-01	RFM-WR-01 - White painted black roofing material over white fibrous layer	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-02	RFM-WR-01 - White painted black roofing material over white fibrous layer	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-03	RFM-WR-01 - White painted black roofing material over white fibrous layer	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-04	SEA-WR-01 - Gray sealant around exhaust ducts	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-05	SEA-WR-01 - Gray sealant around exhaust ducts	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-06	SEA-WR-01 - Gray sealant around exhaust ducts	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-07	RFM-WR-02 - Black built up roofing on sloped roof	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-08	RFM-WR-02 - Black built up roofing on sloped roof	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-WR-09	RFM-WR-02 - Black built up roofing on sloped roof	Roof	West	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22017174
5/6/2022

Sampled By	Date	Time
[illegible]	5.3.22	10:00

Received By	Date	Time

Relinquished By	Date	Time
[illegible] Rosas	5.4.22	2:45

Received By	Date	Time
Fedex	5/6/22	1230

Relinquished By	Date	Time

Received By	Date	Time

Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 5/10/22

NVLAP TESTING

NVLAP LAB CODE 500097-0

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Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: QPI8QI - 223507 Attic

Proiect ID: 22016821

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/09/22
Date Reported: 05/11/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-001	22016821-001	Brown Adhesive	N	100	ND			100	B
5222-M-002	22016821-002	Brown Adhesive	N	100	ND			100	B
5222-M-003	22016821-003	Brown Adhesive	N	100	ND			100	B
5222-M-004	22016821-004	Black Mastic	N	100	ND		2	98	T,B,FBG
5222-M-005	22016821-005	Black Mastic	N	100	ND		2	98	T,B,FBG
5222-M-006	22016821-006	Black Mastic	N	100	ND		2	98	T,B,FBG
5222-M-007	22016821-007-A	White Compound	N	4	ND			100	C
	22016821-007-B	Cream Tape	N	5	ND		98	2	CELL
	22016821-007-C	White/Tan Drywall	N	91	ND		15	85	G

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-008	22016821-008-A	White Compound	N	2	ND			100	C
	22016821-008-B	Cream Tape	N	3	ND		98	2	CELL
	22016821-008-C	White Joint Compound	N	3	ND			100	C
	22016821-008-D	White/Tan Drywall	N	92	ND		15	85	G
5222-M-009	22016821-009-A	White Compound	N	2	ND			100	C
	22016821-009-B	Cream Tape	N	3	ND		98	2	CELL
	22016821-009-C	White Joint Compound	N	3	ND			100	C
	22016821-009-D	White/Tan Drywall	N	92	ND		15	85	G
5222-M-010	22016821-010-A	White Granular Plaster W/Blue/Gray Paint	N	7	ND			100	Q
	22016821-010-B	Off White Granular Plaster	N	93	ND		Trace	100	P,G

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Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-011	22016821-011-A	White Granular Plaster W/Blue/Gray Paint	N	8	ND			100	Q
	22016821-011-B	Off White Granular Plaster	N	92	ND		Trace	100	P,G
5222-M-012	22016821-012	Off White Granular Plaster	N	100	ND		Trace	100	P,G
5222-M-013	22016821-013-A	White Granular Plaster W/Blue/Gray Paint	N	4	ND			100	Q
	22016821-013-B	Off White Granular Plaster	N	96	ND		Trace	100	P,G
5222-M-014	22016821-014-A	White Granular Plaster W/Blue/Gray Paint	N	6	ND			100	Q
	22016821-014-B	Off White Granular Plaster	N	94	ND		Trace	100	P,G
5222-M-015	22016821-015-A	White Granular Plaster W/Blue/Gray Paint	N	5	ND			100	Q
	22016821-015-B	Off White Granular Plaster	N	95	ND		Trace	100	P,G

Elle Teague
Analyst

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-016	22016821-016-A	White Granular Plaster W/Blue/Gray Paint	N	8	ND			100	Q
	22016821-016-B	Off White Granular Plaster	N	92	ND		Trace	100	P,G
5222-M-017	22016821-017	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q,G
5222-M-018	22016821-018	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q,G
5222-M-019	22016821-019	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q,G
5222-M-020	22016821-020	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q,G
5222-M-021	22016821-021	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q,G
5222-M-022	22016821-022-A	White/Silver Wrap	N	7	ND		75	25	CELL,FBG, FOIL
	22016821-022-B	Yellow Insulation	N	93	ND		95	5	FBG

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A Amosite
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
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CELL Cellulose
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-023	22016821-023-A	White/Silver Wrap	N	20	ND		75	25	CELL,FBG, FOIL
	22016821-023-B	Yellow Insulation	N	80	ND		95	5	FBG
5222-M-024	22016821-024-A	White/Silver Wrap	N	5	ND		75	25	CELL,FBG, FOIL
	22016821-024-B	Yellow Insulation	N	95	ND		95	5	FBG
5222-M-025	22016821-025-A	White Wrap	N	20	ND			100	
	22016821-025-B	Yellow Insulation	N	80	ND		95	5	FBG
5222-M-026	22016821-026-A	White Wrap	N	15	ND			100	
	22016821-026-B	Yellow Insulation	N	85	ND		95	5	FBG
5222-M-027	22016821-027-A	White Wrap	N	7	ND			100	
	22016821-027-B	Yellow Insulation	N	93	ND		95	5	FBG

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-028	22016821-028-A	White/Silver Wrap	N	6	ND		75	25	CELL,FBG, FOIL
	22016821-028-B	Yellow Insulation	N	94	ND		95	5	FBG
5222-M-029	22016821-029-A	White/Silver Wrap	N	12	ND		75	25	CELL,FBG, FOIL
	22016821-029-B	Yellow Insulation	N	88	ND		95	5	FBG
5222-M-030	22016821-030-A	White/Silver Wrap	N	10	ND		75	25	CELL,FBG, FOIL
	22016821-030-B	Yellow Insulation	N	90	ND		95	5	FBG
5222-M-031	22016821-031-A	White Wrap	N	38	ND			100	
	22016821-031-B	Yellow Insulation	N	62	ND		95	5	FBG
5222-M-032	22016821-032-A	White Wrap	N	30	ND			100	
	22016821-032-B	Yellow Insulation	N	70	ND		95	5	FBG

Aaron Agajanian
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A Amosite
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Trace Less Than 1%
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-033	22016821-033-A	White Wrap	N	18	ND			100	
	22016821-033-B	White/Silver Wrap	N	7	ND		75	25	CELL,FBG, FOIL
	22016821-033-C	Tan Insulation	N	75	ND		95	5	FBG
5222-M-034	22016821-034-A	White/Silver Wrap	N	5	ND		75	25	CELL,FBG, FOIL
	22016821-034-B	Yellow Insulation	N	95	ND		95	5	FBG
5222-M-035	22016821-035-A	White/Silver Wrap	N	9	ND		75	25	CELL,FBG, FOIL
	22016821-035-B	Yellow Insulation	N	91	ND		95	5	FBG
5222-M-036	22016821-036-A	White/Silver Wrap	N	5	ND		75	25	CELL,FBG, FOIL
	22016821-036-B	Yellow Insulation	N	95	ND		95	5	FBG

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP TESTING

NVLAP LAB CODE 500097-0

Aerobiology Laboratory Associates, Incorporated

A Pace Analytical® Laboratory

Aerobiology Laboratory Associates, Inc.
2226 W Northern Ave., Suite C-110
Phoenix , AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: QPI8QI - 223507 Attic

Proiect ID: 22016821

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/09/22
Date Reported: 05/11/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-M-037	22016821-037-A	White Wrap	N	20	ND			100	
	22016821-037-B	Yellow Insulation	N	80	ND		95	5	FBG
5222-M-038	22016821-038-A	White Wrap	N	18	ND			100	
	22016821-038-B	Yellow Insulation	N	82	ND		95	5	FBG
5222-M-039	22016821-039-A	White Wrap	N	25	ND			100	
	22016821-039-B	Yellow Insulation	N	75	ND		95	5	FBG
5222-M-040	22016821-040	Gray Sealant	N	100	ND			100	B,C
5222-M-041	22016821-041	Gray Sealant	N	100	ND			100	B,C
5222-M-042	22016821-042	Gray Sealant	N	100	ND			100	B,C

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Manager-Asbestos

A Amosite
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Trace Less Than 1%
ND None Detected

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CELL Cellulose
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Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

22016821
5/6/22

QPI8QI

FULCRUM

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Attic
Site Location: Inlow Hall Attic
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5222-M-001	ADV-M-01 - Residual Brown glue dots on south plaster wall	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-002	ADV-M-01 - Residual Brown glue dots on south plaster wall	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-003	ADV-M-01 - Residual Brown glue dots on south plaster wall	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-004	MSC-M-01 - Black tar material on concrete walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-005	MSC-M-01 - Black tar material on concrete walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-006	MSC-M-01 - Black tar material on concrete walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-M-007	GWB-M-01 - Unifinished gypsum wallboard walls	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-008	GWB-M-01 - Unifinished gypsum wallboard walls	Mezzanine Center Portion,	East area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-009	GWB-M-01 - Unifinished gypsum wallboard walls	Mezzanine Center Portion,	Upper center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-010	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	East area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-011	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-012	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-013	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-014	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	East area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-015	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-016	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-017	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-018	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22016821
5/6/22

Sample ID	Material	Floor / Section	Space	Analysis
5222-M-019	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	South wall	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-020	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-021	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-022	TSI-M-01 - 4-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-023	TSI-M-01 - 4-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-024	TSI-M-01 - 4-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-025	TSI-M-02 - 4-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-026	TSI-M-02 - 4-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-027	TSI-M-02 - 4-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-028	TSI-M-03 - 6-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	South area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-029	TSI-M-03 - 6-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-030	TSI-M-03 - 6-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-M-031	TSI-M-04 - 6-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	South area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-032	TSI-M-04 - 6-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Center area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-033	TSI-M-04 - 6-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-034	TSI-M-05 - 8-inch fiberglass pipe insulation with white paper	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-035	TSI-M-05 - 8-inch fiberglass pipe insulation with white paper	Mezzanine West Portion,	Center walkway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-036	TSI-M-05 - 8-inch fiberglass pipe insulation with white paper	Mezzanine West Portion,	West end	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-037	TSI-M-06 - 8-inch fiberglass joints, elbows, and tees	Mezzanine West Portion,	West end	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-038	TSI-M-06 - 8-inch fiberglass joints, elbows, and tees	Mezzanine West Portion,	West end	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-039	TSI-M-06 - 8-inch fiberglass joints, elbows, and tees	Mezzanine Center Portion,	Upper area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-040	SEA-M-01 - Dark gray HVAC duct sealant	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-041	SEA-M-01 - Dark gray HVAC duct sealant	Mezzanine Center Portion,	East area	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-M-042	SEA-M-01 - Dark gray HVAC duct sealant	Mezzanine Center Portion,	West area	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22016821
5/6/22

[signature]	5/2/22	1:30
Sampled By	Date	Time

Received By	Date	Time
[signature]	5/4/22	3:00
Relinquished By	Date	Time

[signature] Fedex	9/6/22	1230
Received By	Date	Time
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 9/6/22 [signature]

NVLAP TESTING

NVLAP LAB CODE 500097-0

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Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: FDHGYX - 223507 Second Floor - Revised Report v2

Proiect ID: 22016982

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-001	22016982-001-A	Tan Wall Covering	N	88	ND		30	70	SYN,CELL
	22016982-001-B	Cream Adhesive	N	12	ND			100	B
5222-2F-002	22016982-002-A	Tan Wall Covering	N	93	ND		30	70	SYN,CELL
	22016982-002-B	Cream Adhesive	N	7	ND			100	B
5222-2F-003	22016982-003-A	Tan Wall Covering	N	94	ND		30	70	SYN,CELL
	22016982-003-B	Cream Adhesive	N	6	ND			100	B
5222-2F-004	22016982-004	Tan Adhesive	N	100	ND			100	B
5222-2F-005	22016982-005	Tan Adhesive	N	100	ND			100	B
5222-2F-006	22016982-006	Tan Adhesive	N	100	ND			100	B

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-007	22016982-007-A	Tan/Green Tile	N	94	ND			100	C
	22016982-007-B	Dark Brown Adhesive	N	6	ND			100	B
5222-2F-008	**22016982-008-A**	**Tan Tile**	**N**	**95**	**CHRY**	**3**		**97**	**C**
	22016982-008-B	**Black Mastic**	**N**	**5**	**CHRY**	**Trace**		**100**	**T,B**
5222-2F-009	**22016982-009-A**	**Tan Tile**	**N**	**97**	**CHRY**	**3**		**97**	**C**
	22016982-009-B	**Black Mastic**	**N**	**3**	**CHRY**	**Trace**		**100**	**T,B**
5222-2F-010	22016982-010-A	Gray Sheet Flooring W/Gray Fibrous Backing	N	95	ND		12	88	CELL,FBG
	22016982-010-B	Tan Adhesive	N	5	ND			100	B,C
5222-2F-011	22016982-011-A	Gray Sheet Flooring W/Gray Fibrous Backing	N	97	ND		12	88	CELL,FBG
	22016982-011-B	Tan Adhesive	N	3	ND			100	B

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A Amosite
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
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M Mica
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P Perlite
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FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
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NVLAP LAB CODE 500097-0

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Certificate of Analysis

Project Name: FDHGYX - 223507 Second Floor - Revised Report v2

Proiect ID: 22016982

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-012	22016982-012-A	Gray Sheet Flooring W/Gray Fibrous Backing	N	97	ND		12	88	CELL,FBG
	22016982-012-B	Tan Adhesive	N	3	ND			100	B
5222-2F-013	22016982-013	Gray Sheet Flooring	N	100	ND			100	
5222-2F-014	22016982-014	Gray Sheet Flooring	N	100	ND			100	
5222-2F-015	22016982-015	Gray Sheet Flooring	N	100	ND			100	
5222-2F-016	22016982-016-A	White Texture W/Cream Paint	N	8	ND			100	C
	22016982-016-B	Cream Tape	N	5	ND		98	2	CELL
	22016982-016-C	White Joint Compound	N	2	ND			100	C
	22016982-016-D	Gray/Tan Drywall	N	85	ND		15	85	G

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Manager-Asbestos

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-017	22016982-017-A	White Texture W/Cream Paint	N	5	ND			100	C
	22016982-017-B	Gray/Tan Drywall	N	95	ND		15	85	G
5222-2F-018	22016982-018-A	White Texture W/Cream Paint	N	5	ND			100	C
	22016982-018-B	Cream Tape	N	5	ND		98	2	CELL
	22016982-018-C	White Joint Compound	N	7	ND			100	C
	22016982-018-D	Gray/Tan Drywall	N	83	ND		15	85	G
5222-2F-019	22016982-019-A	White Texture W/Yellow/White Paint	N	5	ND			100	G
	22016982-019-B	Cream Tape	N	7	ND		98	2	CELL
	22016982-019-C	White Joint Compound	Y	8	ND			100	G
	22016982-019-D	White/Tan Drywall	N	80	ND		15	85	G

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
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Trace Less Than 1%
ND None Detected

Q Quartz
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Attn: Ryan Mathews

Certificate of Analysis

Project Name: FDHGYX - 223507 Second Floor - Revised Report v2

Proiect ID: 22016982

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-020	22016982-020-A	White Texture W/Cream Paint	N	2	ND			100	G
	22016982-020-B	Cream Tape	N	7	ND		98	2	CELL
	22016982-020-C	White Joint Compound	Y	3	ND			100	G
	22016982-020-D	White/Tan Drywall	N	88	ND		15	85	G
5222-2F-021	22016982-021-A	Cream Texture W/Cream Paint	N	15	ND			100	C,P
	22016982-021-B	Cream Tape	N	2	ND		98	2	CELL
	22016982-021-C	White Joint Compound	Y	8	ND			100	C
	22016982-021-D	Gray/Tan Drywall	N	75	ND		15	85	G

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP LAB CODE 500097-0

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-022	22016982-022-A	Cream Tape W/Cream Paint	N	7	ND		80	20	CELL
	22016982-022-B	White Joint Compound	Y	8	ND			100	C
	22016982-022-C	Gray/Tan Drywall	N	85	ND		15	85	G
5222-2F-023	22016982-023-A	White Compound	Y	7	ND			100	C,P
	22016982-023-B	Cream Tape	N	5	ND		98	2	CELL
	22016982-023-C	White Joint Compound	Y	12	ND			100	C,P
	22016982-023-D	Gray/Tan Drywall	N	76	ND		15	85	G

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Elle Teague
Manager-Asbestos

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TR Tremolite
Trace Less Than 1%
ND None Detected

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M Mica
T Tar
P Perlite
B Binder
D Diatoms

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-024	22016982-024-A	White Compound	Y	50	ND			100	C,P
	22016982-024-B	Cream Tape	N	15	ND		98	2	CELL
	22016982-024-C	White Joint Compound	Y	20	ND			100	C,P
	22016982-024-D	White/Tan Drywall	N	15	ND		15	85	G
5222-2F-025	22016982-025-A	Cream Compound W/Beige Paint	N	6	ND			100	C,P
	22016982-025-B	White Mesh	N	2	ND		95	5	FBG
	22016982-025-C	Gray/Tan Drywall	N	92	ND		15	85	G
5222-2F-026	22016982-026	Pink/Tan Drywall W/Yellow/Pink Paint	N	100	ND		15	85	G
5222-2F-027	22016982-027	White/Tan Drywall W/Multicolored Paint Layers	N	100	ND		15	85	G

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-028	22016982-028-A	White/Texture W/Cream Paint	N	3	ND			100	C
	22016982-028-B	Gray/Tan Drywall	N	97	ND		15	85	B
5222-2F-029	22016982-029-A	Cream/White Texture W/Cream Paint	N	12	ND			100	C,P
	22016982-029-B	Cream Tape	N	6	ND		98	2	CELL
	22016982-029-C	White Joint Compound	Y	8	ND			100	C
	22016982-029-D	White/Tan Drywall	N	74	ND		15	85	G
5222-2F-030	22016982-030-A	Cream Texture W/Cream Paint	N	5	ND			100	C,P
	22016982-030-B	Cream Tape	N	3	ND		98	2	CELL
	22016982-030-C	White Joint Compound	Y	7	ND			100	C
	22016982-030-D	White/Tan Drywall	N	85	ND		15	85	G

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-031	**22016982-031-A**	**White Texture W/Yellow Paint**	**N**	**3**	**CHRY**	**2**		**98**	**G**
	22016982-031-B	White Plaster W/Multicolored Paint Layers	N	5	ND		Trace	100	G
	22016982-031-C	Gray Granular Plaster	N	92	ND		1	99	Q,AH
5222-2F-032	22016982-032-A	White Granular Plaster W/White/Brown Paint	N	5	ND			100	G,Q
	22016982-032-B	White Perlitic Plaster W/White/Brown Paint	N	25	ND			100	G,P
	22016982-032-C	White/Tan Drywall	N	70	ND		15	85	G
5222-2F-033	22016982-033-A	Light Cream Compound	Y	60	ND			100	C,P
	22016982-033-B	White Caulk W/Cream Paint	N	10	ND			100	B
	22016982-033-C	White Granular Plaster W/Tan/White Paint	N	30	ND			100	G,Q

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-034	22016982-034-A	Light Cream Texture W/Cream/White Paint	N	25	ND			100	C,P
	22016982-034-B	Cream Tape	N	15	ND		98	2	CELL
	22016982-034-C	Light Cream Joint Compound	Y	35	ND			100	C,P
	22016982-034-D	Multicolored Paint Layers	N	25	ND			100	B
5222-2F-035	22016982-035-A	Multicolored Paint Layers	N	12	ND			100	B
	22016982-035-B	Gray Granular Plaster W/Yellow Paint	N	88	ND		2	98	Q,AH

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-036	22016982-036-A	White Texture W/Yellow/White Paint	N	15	ND			100	C,P
	22016982-036-B	White Compound	Y	40	ND			100	C,P
	22016982-036-C	Gray Granular Plaster W/Multicolored Paint Layers	N	45	ND			100	Q
5222-2F-037	22016982-037-A	Multicolored Paint Layers	N	25	ND			100	B
	22016982-037-B	Gray Granular Plaster W/Yellow Paint	N	30	ND		2	98	Q,AH
	22016982-037-C	Brown Sealant	Y	45	ND			100	B
5222-2F-038	22016982-038	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100	ND		Trace	100	Q

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CELL Cellulose
MW Mineral Wool
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WO Wollastonite
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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-039	22016982-039	White/Gray Granular Plaster W/White and Tan Paint	N	100	ND		Trace	100	Q
5222-2F-040	22016982-040	White Compound W/Multicolored Paint Layers	N	100	ND			100	G
5222-2F-041	22016982-041	White Granular Plaster W/White Paint	N	100	ND			100	Q
5222-2F-042	22016982-042	White/Gray Granular Plaster	N	100	ND		Trace	100	Q
5222-2F-043	22016982-043	White/Gray Granular Plaster	N	100	ND		Trace	100	Q
5222-2F-044	22016982-044-A	White Texture W/White Paint	N	92	ND			100	G
	22016982-044-B	White/Gray Granular Plaster	N	8	ND		Trace	100	Q
5222-2F-045	22016982-045	White/Brown Ceiling Tile	N	100	ND		92	8	CELL
5222-2F-046	22016982-046	White/Brown Ceiling Tile	N	100	ND		92	8	CELL
5222-2F-047	22016982-047	White/Brown Ceiling Tile	N	100	ND		92	8	CELL

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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-048	22016982-048	White/Tan Wall Tile W/Tan Paint	N	100	ND		92	8	CELL
5222-2F-049	22016982-049	White/Tan Wall Tile W/Tan Paint	N	100	ND		92	8	CELL
5222-2F-050	22016982-050	White/Tan Wall Tile W/Tan Paint	N	100	ND		98	2	CELL
5222-2F-051	22016982-051	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P
5222-2F-052	22016982-052	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P
5222-2F-053	22016982-053	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P
5222-2F-054	22016982-054	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P
5222-2F-055	22016982-055	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P
5222-2F-056	22016982-056	White/Gray Ceiling Tile	N	100	ND		65	35	CELL,FBG,P

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5222-2F-057	22016982-057-A	White Texture W/Gray/Yellow Paint	N	20	ND			100	G
	22016982-057-B	White/Gray Granular Plaster	N	80	ND			100	Q
5222-2F-058	22016982-058-A	Off White Texture W/Gray/Off White Paint	N	60	ND			100	G
	22016982-058-B	White/Gray Granular Plaster W/Multicolored Paint Layers	N	40	ND			100	Q
5222-2F-059	22016982-059-A	Off White Texture W/Gray/White Paint	N	35	ND			100	G
	22016982-059-B	White/Gray Granular Plaster W/Multicolored Paint Layers	N	65	ND			100	Q
5222-2F-060	22016982-060-A	White/Gray Ceiling Tile	N	94	ND		65	35	CELL,FBG,P
	22016982-060-B	Amber Adhesive	N	6	ND			100	B
5222-2F-061	22016982-061-A	White /Gray Ceiling Tile	N	92	ND		65	35	CELL,FBG,P
	22016982-061-B	Amber Adhesive	N	8	ND			100	B

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AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP LAB CODE 500097-0

Aerobiology Laboratory Associates, Incorporated
A Pace Analytical® Laboratory

Aerobiology Laboratory Associates, Inc.
2226 W Northern Ave., Suite C-110
Phoenix , AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: FDHGYX - 223507 Second Floor - Revised Report v2

Proiect ID: 22016982

Date Collected: 05/02/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-062	22016982-062-A	White/Gray Ceiling Tile	N	90	ND		65	35	CELL,FBG,P
	22016982-062-B	Amber Adhesive	N	10	ND			100	B
5222-2F-063	22016982-063	Brown Adhesive	Y	100	ND			100	B
5222-2F-064	22016982-064	Brown Adhesive	Y	100	ND			100	B
5222-2F-065	22016982-065	Brown Adhesive	Y	100	ND			100	B
5222-2F-066	22016982-066	Yellow Adhesive	N	100	ND		5	95	B,SYN
5222-2F-067	22016982-067	Yellow Adhesive	N	100	ND		2	98	B,SYN
5222-2F-068	22016982-068	Yellow Adhesive	N	100	ND		2	98	B,SYN
5222-2F-069	22016982-069	Clear/Tan Adhesive	N	100	ND			100	B
5222-2F-070	22016982-070	Clear/Tan Adhesive	N	100	ND			100	B

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-071	22016982-071	Clear/Tan Adhesive	N	100	ND			100	B
5222-2F-072	22016982-072-A	Tan Adhesive	N	7	ND			100	B
	22016982-072-B	Black Flooring Material W/Tan Mesh	N	87	ND		7	93	CELL,C
	22016982-072-C	Gray/Black Felt	N	6	ND		92	8	CELL
5222-2F-073	22016982-073-A	Tan Adhesive	N	4	ND			100	B
	22016982-073-B	Black Flooring Material W/Tan Mesh	N	76	ND		7	93	CELL,C
	22016982-073-C	Gray Felt W/Brown Adhesive	N	20	ND		92	8	CELL,B
5222-2F-074	22016982-074-A	Tan Adhesive	N	3	ND			100	B
	22016982-074-B	Black Flooring Material W/Tan Mesh	N	77	ND		7	93	CELL,C
	22016982-074-C	Gray Felt W/Brown Adhesive	N	20	ND		92	8	CELL,B

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Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-075	22016982-075-A	Clear Yellow Adhesive	N	3	ND			100	B
	22016982-075-B	Gray Speckled Tile	N	70	ND			100	
	22016982-075-C	Beige Grout	N	20	ND			100	Q
	22016982-075-D	Gray Mortar	N	7	ND		2	98	Q,CELL,FBG
5222-2F-076	22016982-076-A	Clear Yellow Adhesive	N	2	ND			100	B
	22016982-076-B	Gray Speckled Tile	N	89	ND			100	
	22016982-076-C	Gray Mortar	N	9	ND		2	98	Q,CELL,FBG

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

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AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
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FT Fibrous Talc
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-077	22016982-077-A	Clear Yellow Adhesive	N	5	ND			100	B
	22016982-077-B	Gray Speckled Tile	N	65	ND			100	
	22016982-077-C	Beige Grout	N	18	ND			100	Q
	22016982-077-D	Gray Mortar	N	12	ND		2	98	Q,CELL,FBG
5222-2F-078	22016982-078	Beige Tile	N	100	ND			100	
5222-2F-079	22016982-079	Beige Tile	N	100	ND			100	
5222-2F-080	22016982-080-A	Beige Tile	N	97	ND			100	
	22016982-080-B	Beige Grout	N	3	ND			100	Q
5222-2F-081	22016982-081	White/Brown Ceiling Tile	N	100	ND		95	5	CELL
5222-2F-082	22016982-082	White/Brown Ceiling Tile	N	100	ND		95	5	CELL

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Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-083	22016982-083	White/Brown Ceiling Tile	N	100	ND		95	5	CELL
5222-2F-084	22016982-084	Green/Brown Board	N	100	ND		80	20	CELL
5222-2F-085	22016982-085	Green/Brown Board	N	100	ND		80	20	CELL
5222-2F-086	22016982-086	Green/Brown Board	N	100	ND		90	10	CELL
5222-2F-087	22016982-087-A	White/Silver Wrap	N	5	ND		75	25	CELL,FBG
	22016982-087-B	Yellow Insulation	N	95	ND		95	5	FBG
5222-2F-088	22016982-088-A	White/Silver Wrap	N	7	ND		25	75	CELL,FBG
	22016982-088-B	Yellow Insulation	N	93	ND		95	5	FBG
5222-2F-089	22016982-089-A	White/Silver Wrap	N	3	ND		75	25	CELL,FBG
	22016982-089-B	Yellow/Tan Insulation	N	97	ND		95	5	FBG

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
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AH Animal Hair
NAC Non-Asbestiform AC
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-090	22016982-090	Black Coating	N	100	ND			100	B,C
5222-2F-091	22016982-091	Black Coating	N	100	ND			100	B,C
5222-2F-092	22016982-092-A	White/Silver Wrap	N	5	ND		75	25	CELL,FBG
	22016982-092-B	Yellow Insulation	N	95	ND		95	5	FBG
5222-2F-093	22016982-093-A	White/Silver Wrap	N	4	ND		75	25	CELL,FBG
	22016982-093-B	Yellow Insulation	N	96	ND		95	5	FBG
5222-2F-094	22016982-094-A	White/Silver Wrap	N	2	ND		75	25	CELL,FBG
	22016982-094-B	Yellow Insulation	N	98	ND		95	5	FBG
5222-2F-095	22016982-095-A	White Wrap	N	12	ND			100	
	22016982-095-B	Yellow Insulation	N	88	ND		95	5	FBG

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
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CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-096	22016982-096-A	White Wrap	N	15	ND			100	
	22016982-096-B	Yellow Insulation	N	85	ND		95	5	FBG
5222-2F-097	22016982-097-A	White Wrap	N	8	ND			100	
	22016982-097-B	Yellow Insulation	N	92	ND		95	5	FBG
5222-2F-098	22016982-098-A	White Wrap	N	30	ND			100	
	22016982-098-B	Yellow Insulation	N	70	ND		95	5	FBG
5222-2F-099	22016982-099-A	White Wrap	N	14	ND			100	
	22016982-099-B	Yellow Insulation	N	86	ND		95	5	FBG
5222-2F-100	22016982-100-A	White Wrap	N	7	ND			100	
	22016982-100-B	Yellow Insulation	N	93	ND		95	5	FBG

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5222-2F-101	22016982-101-A	Black Cove Base	N	95	ND			100	
	22016982-101-B	Cream Adhesive	N	5	ND			100	B,C
5222-2F-102	22016982-102-A	Black Cove Base	N	94	ND			100	
	22016982-102-B	Cream Adhesive	N	6	ND			100	B,C
5222-2F-103	22016982-103-A	Black Cove Base	N	92	ND			100	
	22016982-103-B	Cream Adhesive	N	8	ND			100	B,C

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General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

22016982
5/6/2022

FDHGYX

FULCRUM
environmental consulting

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Second Floor
Site Location: Inlow Hall Second Floor
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-001	ADV-2F-01 - Tan adhesive underneath tan wallpaper	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-002	ADV-2F-01 - Tan adhesive underneath tan wallpaper	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-003	ADV-2F-01 - Tan adhesive underneath tan wallpaper	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-004	ADV-2F-02 - Tan adhesive underneath light blue with white striped carpet	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-005	ADV-2F-02 - Tan adhesive underneath light blue with white striped carpet	Center	Room 201A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-006	ADV-2F-02 - Tan adhesive underneath light blue with white striped carpet	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-007	ADV-2F-03 - Green multi-colored carpet over 9-inch tan vinly tile with black adhesive	East Wing	Room 214	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-008	ADV-2F-03 - Green multi-colored carpet over 9-inch tan vinly tile with black adhesive	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-009	ADV-2F-03 - Green multi-colored carpet over 9-inch tan vinly tile with black adhesive	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-010	SVF-2F-01 - Gray speckled sheet vinyl flooring with tan adhesive in presidents office	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-011	SVF-2F-01 - Gray speckled sheet vinyl flooring with tan adhesive in presidents office	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-012	SVF-2F-01 - Gray speckled sheet vinyl flooring with tan adhesive in presidents office	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-013	SVF-2F-02 - Gray sheet vinyl flooring underneath staff lounge sink	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-014	SVF-2F-02 - Gray sheet vinyl flooring underneath staff lounge sink	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-015	SVF-2F-02 - Gray sheet vinyl flooring underneath staff lounge sink	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-016	GWB-2F-01 - Orange peel textured gypsum wallbboard walls	Center	Room 201A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-017	GWB-2F-05 - Orange peel textured gypsum wallboard ceilings	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-018	GWB-2F-05 - Orange peel textured gypsum wallboard ceilings	Center	Room 201A	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-019	GWB-2F-02 - White smooth textured gypsum wallboard walls	Center	Room 220	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-020	GWB-2F-02 - White smooth textured gypsum wallboard walls	Center	220 Staircase	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-021	GWB-2F-02 - White smooth textured gypsum wallboard walls	Center	220 Staircase	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-022	GWB-2F-03 - Unfinished gypsum wallboard walls	Center	Room 220	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-023	GWB-2F-03 - Unfinished gypsum wallboard walls	Center	Room 220	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-024	GWB-2F-03 - Unfinished gypsum wallboard walls	Center	HVAC closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-025	GWB-2F-04 - Thick textured gypsum wallboard walls	East Wing	Presidents office	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-026	GWB-2F-04 - Thick textured gypsum wallboard walls	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-027	GWB-2F-04 - Thick textured gypsum wallboard walls	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-028	GWB-2F-05 - Orange peel textured gypsum wallboard ceilings	Center	Room 201A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-029	GWB-2F-05 - Orange peel textured gypsum wallboard ceilings	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-030	GWB-2F-05 - Orange peel textured gypsum wallboard ceilings	Center	Room 220	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-031	PL-2F-01 - Granular texture plaster walls	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-032	PL-2F-01 - Granular texture plaster walls	Center	HVAC closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-033	PL-2F-01 - Granular texture plaster walls	Center	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-034	PL-2F-01 - Granular texture plaster walls	Center	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-035	PL-2F-01 - Granular texture plaster walls	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-036	PL-2F-01 - Granular texture plaster walls	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-037	PL-2F-01 - Granular texture plaster walls	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-038	PL-2F-02 - Granular textured plaster ceilings	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-039	PL-2F-02 - Granular textured plaster ceilings	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-040	PL-2F-02 - Granular textured plaster ceilings	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-041	PL-2F-02 - Granular textured plaster ceilings	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-042	PL-2F-02 - Granular textured plaster ceilings	Center	HVAC closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-043	PL-2F-02 - Granular textured plaster ceilings	Center	HVAC closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-044	PL-2F-02 - Granular textured plaster ceilings	Center	HVAC closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-045	CT-2F-01 - Glued on ceiling tile with large pin holes in room 218	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-046	CT-2F-01 - Glued on ceiling tile with large pin holes in room 218	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-047	CT-2F-01 - Glued on ceiling tile with large pin holes in room 218	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-048	MSC-2F-01 - Glued on wall tile with large pin holes in room 218	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-049	MSC-2F-01 - Glued on wall tile with large pin holes in room 218	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-050	MSC-2F-01 - Glued on wall tile with large pin holes in room 218	East Wing	Room 218	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-051	CT-2F-02 - 2-foot by 4-foot speckled suspended ceiling tiles	Center	Room 211A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-052	CT-2F-02 - 2-foot by 4-foot speckled suspended ceiling tiles	Center	Finance and Admin Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-053	CT-2F-02 - 2-foot by 4-foot speckled suspended ceiling tiles	Center	Markerting development hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-054	CT-2F-03 - 2-foot by 4-foot streaked suspended ceiling tile	Center	Room 211A	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-055	CT-2F-03 - 2-foot by 4-foot streaked suspended ceiling tile	West Wing	Room 208	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-056	CT-2F-03 - 2-foot by 4-foot streaked suspended ceiling tile	West Wing	Room 205	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-057	PL-2F-03 - Rough textured plaster walls in staff lounge	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-058	PL-2F-03 - Rough textured plaster walls in staff lounge	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-059	PL-2F-03 - Rough textured plaster walls in staff lounge	West Wing	Staff Lounge	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-060	CT-2F-04 - 1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	West Wing	Room 209	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-061	CT-2F-04 - 1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	West Wing	Room 209	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-062	CT-2F-04 - 1-foot by 1-foot ceiling tile with streaks over tan adhesive in HR office	West Wing	Room 209	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-063	ADV-2F-04 - Brown glue dot on plaster walls in IT closet	East Wing	IT Closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-064	ADV-2F-04 - Brown glue dot on plaster walls in IT closet	East Wing	IT Closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-065	ADV-2F-04 - Brown glue dot on plaster walls in IT closet	East Wing	IT Closet	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-066	ADV-2F-05 - Tan adhesive associated with purple multicolored carpet in storage room 207	West Wing	Room 207	3002 - PLM Bulk Count (EPA Method 600/R93/116)

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Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-067	ADV-2F-05 - Tan adhesive associated with purple multicolored carpet in storage room 207	West Wing	Room 207	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-068	ADV-2F-05 - Tan adhesive associated with purple multicolored carpet in storage room 207	West Wing	Room 207	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-069	ADV-2F-06 - Tan adhesive beneath carpet squares in HR room	East Wing	Room 219B	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-070	ADV-2F-06 - Tan adhesive beneath carpet squares in HR room	East Wing	Room 219	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-071	ADV-2F-06 - Tan adhesive beneath carpet squares in HR room	East Wing	Room 219A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-072	MSC-2F-02 - Tan adhesive beneath blue carpet over black flooring material over gray felt	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-073	MSC-2F-02 - Tan adhesive beneath blue carpet over black flooring material over gray felt	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-074	MSC-2F-02 - Tan adhesive beneath blue carpet over black flooring material over gray felt	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-075	MSC-2F-03 - 2" by 2" gray ceramic tile under tan transion strip adhesive over gray mud	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-076	MSC-2F-03 - 2" by 2" gray ceramic tile under tan transion strip adhesive over gray mud	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-077	MSC-2F-03 - 2" by 2" gray ceramic tile under tan transion strip adhesive over gray mud	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-078	MSC-2F-04 - 4" by 4" tan ceramic tile in bathroom	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)

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Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-079	MSC-2F-04 - 4" by 4" tan ceramic tile in bathroom	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-080	MSC-2F-04 - 4" by 4" tan ceramic tile in bathroom	Center	Mens Restroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-081	CT-2F-06 - 12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-082	CT-2F-06 - 12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-083	CT-2F-06 - 12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	West Wing	Room 205	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-084	MSC-2F-05 - Chalkboard in payroll office	West Wing	Room 205	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-085	MSC-2F-05 - Chalkboard in payroll office	West Wing	Room 205	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-086	MSC-2F-05 - Chalkboard in payroll office	West Wing	Room 205	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-087	TSI-2F-01 - 6-inch white wrap over yellow fiberglass insulation	Center	Mechanical Room	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-088	TSI-2F-01 - 6-inch white wrap over yellow fiberglass insulation	West Wing	Room 207	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-089	TSI-2F-01 - 6-inch white wrap over yellow fiberglass insulation	West Wing	Breakroom	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-090	MSC-2F-06 - Black sink undercoat	Center	Conference Room	3002 - PLM Bulk Count (EPA Method 600/R93/116)

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Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-091	MSC-2F-06 - Black sink undercoat	Center	Conference Room	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-092	TSI-2F-02 - 4-inch white wrap over yellow fiberglass insulation	Center	Markerting development hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-093	TSI-2F-02 - 4-inch white wrap over yellow fiberglass insulation	Center	Finance and Admin Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-094	TSI-2F-02 - 4-inch white wrap over yellow fiberglass insulation	Center	Room 201A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-095	TSI-2F-03 - JETs on 4-inch pipe system	Center	Markerting development hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-096	TSI-2F-03 - JETs on 4-inch pipe system	Center	Finance and Admin Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-097	TSI-2F-03 - JETs on 4-inch pipe system	Center	Room 211B	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-098	TSI-2F-04 - JETs on 6-inch pipe system	Center	Room 212G	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-099	TSI-2F-04 - JETs on 6-inch pipe system	Center	Room 212A	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-100	TSI-2F-04 - JETs on 6-inch pipe system	Center	Room 202	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-101	FB-2F-01 - 4-inch black floobase with tan adhesive	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5222-2F-102	FB-2F-01 - 4-inch black floobase with tan adhesive	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)

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5/6/2022

Sample ID	Material	Floor / Section	Space	Analysis
5222-2F-103	FB-2F-01 - 4-inch black floobase with tan adhesive	West Wing	Room 204	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Bryan Rosa	5.2.22	6:00 am
Sampled By	Date	Time

Received By	Date	Time
Bryan Rosa	5.4.22	2:45
Relinquished By	Date	Time

JV Fedex	5/6/22	1230
Received By	Date	Time
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 5/9/22 JV

NVLAP TESTING

NVLAP LAB CODE 500097-0

Aerobiology Laboratory Associates, Incorporated

A Pace Analytical® Laboratory

Aerobiology Laboratory Associates, Inc.
2226 W Northern Ave., Suite C-110
Phoenix , AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: 6J3E11 - 223507 Second Floor

Proiect ID: 22021238

Date Collected: 06/03/22
Date Received: 06/07/22
Date Analyzed: 06/07/22
Date Reported: 06/08/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
6322-2F-001	**22021238-001-A**	**Off White Texture W/Yellow/White Paint**	**N**	**7**	**CHRY**	**2**		**98**	**G**
	22021238-001-B	Light Gray Perlitic Plaster W/Multicolored Paint layers	N	93	ND			100	G,P
6322-2F-002	22021238-002	Positive Stop							
6322-2F-003	**22021238-003-A**	**Off White Texture W/Yellow/White Paint**	**N**	**40**	**CHRY**	**2**		**98**	**G**
	22021238-003-B	White Plaster W/Multicolored Paint Layers	N	40	ND			100	G
	22021238-003-C	Gray Granular Plaster	N	20	ND		1	99	Q,AH
6322-2F-004	22021238-004	Positive Stop							
6322-2F-005	22021238-005	Positive Stop							
6322-2F-006	22021238-006	Gray Granular Plaster W/Yellow Paint	N	100	ND			100	Q

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP LAB CODE 500097-0

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Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: 6J3E11 - 223507 Second Floor

Proiect ID: 22021238

Date Collected: 06/03/22
Date Received: 06/07/22
Date Analyzed: 06/07/22
Date Reported: 06/08/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
6322-2F-007	22021238-007-A	White Perlitic Texture W/Yellow/White Paint	N	7	ND			100	P
	22021238-007-B	White Texture W/White Paint	N	18	ND			100	C,P
	22021238-007-C	Light Pink/Tan Drywall	N	75	ND		40	60	G
6322-2F-008	22021238-008-A	White Compound W/Yellow/White Paint	N	24	ND			100	C,P
	22021238-008-B	White Mesh	N	6	ND		95	5	FBG
	22021238-008-C	Light Pink/Tan Drywall	N	70	ND		15	85	G
6322-2F-009	22021238-009-A	White Perlitic Texture W/Yellow/White Paint	N	5	ND			100	P
	22021238-009-B	White Texture W/White Paint	N	15	ND			100	C,P
	22021238-009-C	Light Pink/Tan Drywall	N	80	ND		45	55	G

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Certificate of Analysis

Project Name: 6J3E11 - 223507 Second Floor

Proiect ID: 22021238

Date Collected: 06/03/22
Date Received: 06/07/22
Date Analyzed: 06/07/22
Date Reported: 06/08/22
Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

22021238
6/7/22

6J3E11

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Second Floor
Site Location: Inlow Hall Second Floor
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

2-3 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
6322-2F-001	PL-2F-04 - Tan rough dot textured plaster walls	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-002	PL-2F-04 - Tan rough dot textured plaster walls	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-003	PL-2F-05 - Tan heavy wavy textured plaster walls	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-004	PL-2F-05 - Tan heavy wavy textured plaster walls	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-005	PL-2F-05 - Tan heavy wavy textured plaster walls	East Wing	Room 218 C	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-006	PL-2F-01 - Granular texture plaster walls	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22021238
6/7/22

Sample ID	Material	Floor / Section	Space	Analysis
6322-2F-007	GWB-2F-06 - Tan rough dot textured gypsum wallboard patch around electrical panel	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-008	GWB-2F-06 - Tan rough dot textured gypsum wallboard patch around electrical panel	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-2F-009	GWB-2F-06 - Tan rough dot textured gypsum wallboard patch around electrical panel	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)

Sampled By	Date	Time
[signature]	6/3/22	

Received By	Date	Time
Relinquished By	Date	Time
[signature]	6/6/22	

Received By	Date	Time
[signature] FedEx	06/07/22	09:07
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE JE 06/07/2022

NVLAP TESTING

NVLAP LAB CODE 500097-0

Aerobiology Laboratory Associates, Incorporated

A Pace Analytical® Laboratory

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Phoenix , AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: 7HV7EK - 223507 Main Floor

Proiect ID: 22016822

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/10/22
Date Reported: 05/11/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-001	22016822-001-A	Tan/Cream Adhesive	N	20	ND		2	98	B,SYN
	22016822-001-B	Gray Compound	N	20	ND		5	95	G,CELL
	22016822-001-C	Brown Wood Grain	N	60	ND			100	
5322-1F-002	22016822-002-A	Cream Adhesive	N	55	ND		Trace	100	B,SYN
	22016822-002-B	Gray Compound	N	45	ND		5	95	G,CELL
5322-1F-003	22016822-003-A	Cream Adhesive	N	90	ND		Trace	100	B,SYN
	22016822-003-B	Gray Compound	N	10	ND		3	97	G,CELL
5322-1F-004	22016822-004	Yellow/Cream Adhesive	N	100	ND		Trace	100	B,SYN
5322-1F-005	22016822-005-A	Tan/Cream Adhesive	N	80	ND		Trace	100	B,SYN
	22016822-005-B	Tan Wood Grain	N	20	ND			100	

Elle Teague
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-006	22016822-006-A	Tan/Cream Adhesive	N	80	ND		Trace	100	B,SYN
	22016822-006-B	Tan Wood Grain	N	20	ND			100	
5322-1F-007	22016822-007-A	Dark Gray Cove Base	Y	92	ND			100	
	22016822-007-B	Off White Adhesive	Y	8	ND			100	B
5322-1F-008	22016822-008-A	Dark Gray Cove Base	Y	95	ND			100	
	22016822-008-B	Off White Adhesive	Y	5	ND			100	B
5322-1F-009	22016822-009-A	Dark Gray Cove Base W/ Tan Mesh	N	92	ND		30	70	CELL
	22016822-009-B	Yellow Adhesive	N	8	ND			100	B
5322-1F-010	22016822-010	White Texture W/Gray Paint	N	100	ND			100	C,P

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ND None Detected

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C Carbonates
G Gypsum
M Mica
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-011	22016822-011-A	White Texture W/ Gray Paint	N	35	ND			100	C,P
	22016822-011-B	White/Tan Drywall	N	65	ND		40	60	G
5322-1F-012	22016822-012-A	White Texture W/Gray Paint	N	80	ND			100	C,P
	22016822-012-B	White/Tan Drywall	N	20	ND		30	70	G
5322-1F-013	22016822-013-A	White Compound	Y	5	ND			100	C,P
	22016822-013-B	Cream Tape	N	3	ND		98	2	CELL
	22016822-013-C	White Joint Compound	Y	12	ND			100	C,P
	22016822-013-D	White/Tan Drywall	N	80	ND		15	85	G
5322-1F-014	22016822-014-A	White Compound	Y	5	ND			100	C,P
	22016822-014-B	White/Tan Drywall	N	95	ND		15	85	G

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-015	22016822-015-A	White Compound	Y	1	ND			100	C,P
	22016822-015-B	Cream Tape	N	7	ND		98	2	CELL
	22016822-015-C	White Joint Compound	Y	12	ND			100	C,P
	22016822-015-D	White/Tan Drywall	N	80	ND		15	85	G
5322-1F-016	22016822-016-A	Tan/Cream Adhesive	N	15	ND		2	98	B,CELL
	22016822-016-B	Gray Compound	N	85	ND		7	93	G,CELL
5322-1F-017	22016822-017-A	Tan/Cream Adhesive	N	15	ND		2	98	CELL
	22016822-017-B	Gray Compound	N	85	ND		7	93	G,CELL

Elle Teague
Analyst

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Manager-Asbestos

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-018	22016822-018-A	Tan/Cream Adhesive	N	15	ND		2	98	CELL
	22016822-018-B	Gray Compound	N	75	ND		7	93	G,CELL
	22016822-018-C	Brown Foamy Material	N	10	ND			100	B
5322-1F-019	22016822-019	White/Gray Ceiling Tile	N	100	ND		70	30	CELL,FBG,P
5322-1F-020	22016822-020	White/Gray Ceiling Tile	N	100	ND		70	30	CELL,FBG,P
5322-1F-021	22016822-021	White/Gray Ceiling Tile	N	100	ND		70	30	CELL,FBG,P
5322-1F-022	22016822-022-A	Clear Adhesive	Y	7	ND			100	B
	22016822-022-B	Dark Gray Sheet Flooring W/Tan Mesh	N	90	ND		30	70	CELL
	22016822-022-C	Tan Adhesive	N	3	ND			100	B

Elle Teague
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CHRY Chrysotile
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
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D Diatoms

CELL Cellulose
MW Mineral Wool
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-023	22016822-023-A	Clear Adhesive	Y	2	ND			100	B
	22016822-023-B	Dark Gray Sheet Flooring W/ Tan Mesh	N	83	ND		30	70	CELL
	22016822-023-C	Tan Adhesive	N	15	ND			100	B
5322-1F-024	22016822-024	Dark Gray Sheet Flooring W/ Tan Mesh	N	100	ND		30	70	CELL
5322-1F-025	22016822-025-A	Yellow Insulation	N	90	ND		98	2	FBG
	22016822-025-B	Silver/White Wrap	N	10	ND		75	25	CELL,FBG
5322-1F-026	22016822-026	Yellow Insulation	N	100	ND		98	2	FBG
5322-1F-027	22016822-027-A	Yellow Insulation	N	95	ND		98	2	FBG
	22016822-027-B	Silver/White Wrap	N	5	ND		75	25	CELL,FBG

Elle Teague
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Manager-Asbestos

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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-028	22016822-028-A	Light Cream Insulation	N	80	ND		99	1	MW
	22016822-028-B	White Wrap	N	20	ND			100	
5322-1F-029	22016822-029-A	Yellow Insulation	N	80	ND		95	5	FBG
	22016822-029-B	White Wrap	N	20	ND			100	
5322-1F-030	22016822-030-A	Yellow Insulation	N	85	ND		95	5	FBG
	22016822-030-B	White Wrap	N	15	ND			100	
5322-1F-031	22016822-031	Light Gray Undercoat	N	100	ND		Trace	100	B
5322-1F-032	22016822-032	Light Gray Undercoat	N	100	ND		Trace	100	B
5322-1F-033	22016822-033	Gray/Granular Plaster W/White/Cream Paint	N	100	ND		Trace	100	Q,AH
5322-1F-034	22016822-034	Gray/Granular Plaster W/White/Cream Paint	N	100	ND		Trace	100	Q,AH

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-1F-035	22016822-035	Gray Granular Plaster W/ White/Cream Paint	N	100	ND			100	Q
5322-1F-036	22016822-036	Gray Granular Plaster W/ White/Cream Paint	N	100	ND			100	Q
5322-1F-037	22016822-034	Gray Granular Plaster W/ White/Cream Paint	N	100	ND			100	Q

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Project Name: 7HV7EK - 223507 Main Floor

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Date Collected: 05/03/22
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Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

22016822
5/6/22

7HV7EK

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Main Floor
Site Location: Inlow Hall Main Floor
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-1F-001	ADV-1F-01 - Tan adhesive associated with multicolored carpet	East Wing	Student Accounts Support	EPA Test Method 600/R-93/116 (PLM)
5322-1F-002	ADV-1F-01 - Tan adhesive associated with multicolored carpet	Center	West Conference Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-003	ADV-1F-01 - Tan adhesive associated with multicolored carpet	Center	Room 101B	EPA Test Method 600/R-93/116 (PLM)
5322-1F-004	ADV-1F-02 - Adhesive associated with dark gray carpet	East Wing	Financial Aid Office	EPA Test Method 600/R-93/116 (PLM)
5322-1F-005	ADV-1F-02 - Adhesive associated with dark gray carpet	Center	Welcome Center	EPA Test Method 600/R-93/116 (PLM)
5322-1F-006	ADV-1F-02 - Adhesive associated with dark gray carpet	Center	West Conference Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-007	FB-1F-01 - 4-inch dark gray floor base	East Wing	Financial Aid Copy Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-008	FB-1F-01 - 4-inch dark gray floor base	East Wing	Room 106	EPA Test Method 600/R-93/116 (PLM)

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Sample ID	Material	Floor / Section	Space	Analysis
5322-1F-009	FB-1F-01 - 4-inch dark gray floor base	East Wing	Room 114	EPA Test Method 600/R-93/116 (PLM)
5322-1F-010	GWB-1F-01 - Rough textured gypsum wallboard walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-011	GWB-1F-01 - Rough textured gypsum wallboard walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-012	GWB-1F-01 - Rough textured gypsum wallboard walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-013	GWB-1F-02 - White smooth textured gypsum wallboard walls	East Wing	Room 109	EPA Test Method 600/R-93/116 (PLM)
5322-1F-014	GWB-1F-02 - White smooth textured gypsum wallboard walls	East Wing	Room 115	EPA Test Method 600/R-93/116 (PLM)
5322-1F-015	GWB-1F-02 - White smooth textured gypsum wallboard walls	Center	West Conference Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-016	MSC-1F-02 - Tan adhesive over gray leveling compound on wood subfloor	East Wing	Janitor Closet	EPA Test Method 600/R-93/116 (PLM)
5322-1F-017	MSC-1F-02 - Tan adhesive over gray leveling compound on wood subfloor	East Wing	Janitor Closet	EPA Test Method 600/R-93/116 (PLM)
5322-1F-018	MSC-1F-02 - Tan adhesive over gray leveling compound on wood subfloor	East Wing	Janitor Closet	EPA Test Method 600/R-93/116 (PLM)
5322-1F-019	CT-1F-01 - 2-foot by 4-foot rough textured ceiling tile	East Wing	Room 109	EPA Test Method 600/R-93/116 (PLM)
5322-1F-020	CT-1F-01 - 2-foot by 4-foot rough textured ceiling tile	East Wing	Financial Aid Copy Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-021	CT-1F-01 - 2-foot by 4-foot rough textured ceiling tile	West Wing	Womens Bathroom	EPA Test Method 600/R-93/116 (PLM)
5322-1F-022	SVF-1F-01 - Dark gray sheet vinyl flooring with tan adhesive	East Wing	Financial Aid Copy Room	EPA Test Method 600/R-93/116 (PLM)
5322-1F-023	SVF-1F-01 - Dark gray sheet vinyl flooring with tan adhesive	West Wing	Copy Room 114	EPA Test Method 600/R-93/116 (PLM)
5322-1F-024	SVF-1F-01 - Dark gray sheet vinyl flooring with tan adhesive	East Wing	Janitor Closet	EPA Test Method 600/R-93/116 (PLM)
5322-1F-025	TSI-1F-01 - 6-inch pipe insulation	East Wing	Room 109	EPA Test Method 600/R-93/116 (PLM)

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Sample ID	Material	Floor / Section	Space	Analysis
5322-1F-026	TSI-1F-01 - 6-inch pipe insulation	Center	Welcome Center	EPA Test Method 600/R-93/116 (PLM)
5322-1F-027	TSI-1F-01 - 6-inch pipe insulation	East Wing	Elevator Lobby	EPA Test Method 600/R-93/116 (PLM)
5322-1F-028	TSI-1F-02 - 6-inch JETs on pipe system	East Wing	Room 109	EPA Test Method 600/R-93/116 (PLM)
5322-1F-029	TSI-1F-02 - 6-inch JETs on pipe system	Center	Welcome Center	EPA Test Method 600/R-93/116 (PLM)
5322-1F-030	TSI-1F-02 - 6-inch JETs on pipe system	West Wing	Womens Bathroom	EPA Test Method 600/R-93/116 (PLM)
5322-1F-031	MSC-1F-01 - Light gray sink undercoat	West Wing	Copy Room 114	EPA Test Method 600/R-93/116 (PLM)
5322-1F-032	MSC-1F-01 - Light gray sink undercoat	West Wing	Copy Room 114	EPA Test Method 600/R-93/116 (PLM)
5322-1F-033	PL-1F-01 - Rough textured plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-034	PL-1F-01 - Rough textured plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-035	PL-1F-01 - Rough textured plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-036	PL-1F-01 - Rough textured plaster ceilings	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1F-037	PL-1F-01 - Rough textured plaster ceilings	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)

22016822
5/6/22

Sampled By	Date	Time
[signature]	5.3.22	6:00

Received By	Date	Time
Relinquished By	**Date**	**Time**
[signature]	5.4.22	2:45

Received By	Date	Time
Fedex	9/6/22	1230
Relinquished By	**Date**	**Time**

Received By	Date	Time
Relinquished By	**Date**	**Time**

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 9/6/22 [signature]

NVLAP TESTING

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Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: NU48KS - 223507 Basement - Revised Report v2

Proiect ID: 22016909

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-001	**22016909-001-A**	**Tan/Green Tile**	**N**	**96**	**CHRY**	**15**		**85**	
	22016909-001-B	**Black Mastic**	**N**	**4**	**CHRY**	**Trace**		**100**	**T,B**
5322-B-002	**22016909-002-A**	**Tan/Green Tile**	**N**	**99**	**CHRY**	**15**		**85**	
	22016909-002-B	Black Mastic	N	1	ND			100	T,B
5322-B-003	**22016909-003**	**Tan/Green Tile**	**N**	**100**	**CHRY**	**15**		**85**	
5322-B-004	22016909-004-A	Tan/Gray Tile	N	98	ND			100	C
	22016909-004-B	Black/Tan Mastic	N	2	ND			100	B,C
5322-B-005	22016909-005-A	Tan/Gray Tile	N	96	ND			100	C
	22016909-005-B	Tan Adhesive	N	2	ND			100	B
	22016909-005-C	Black Mastic	N	2	ND			100	T,B

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-006	22016909-006-A	Tan/Gray Tile	N	98	ND			100	C
	22016909-006-B	Tan Adhesive	N	2	ND			100	B
5322-B-007	22016909-007-A	Tan/Brown Tile	N	96	ND			100	C
	22016909-007-B	Clear/Yellow Adhesive	N	4	ND			100	B
5322-B-008	22016909-008-A	Tan/Brown Tile	N	97	ND			100	C
	22016909-008-B	Yellow Adhesive	N	3	ND			100	B
5322-B-009	22016909-009-A	Tan Brown Tile	N	95	ND			100	C
	22016909-009-B	Tan Adhesive	N	5	ND			100	B
5322-B-010	**22016909-010-A**	**Green Tile**	**N**	**92**	**CHRY**	**7**		**93**	**C**
	22016909-010-B	White Adhesive	N	8	ND			100	B,C

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Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
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TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
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FT Fibrous Talc
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NAC Non-Asbestiform AC
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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-011	22016909-011	Positive Stop							
5322-B-012	22016909-012	Positive Stop							
5322-B-013	22016909-013	Tan Adhesive	N	100	ND			100	B
5322-B-014	22016909-014	Tan Adhesive	N	100	ND			100	B
5322-B-015	22016909-015	Tan Adhesive	N	100	ND			100	B
5322-B-016	22016909-016	Tan Adhesive	N	100	ND			100	B
5322-B-017	22016909-017	Tan Adhesive	N	100	ND			100	B
5322-B-018	22016909-018	Tan Adhesive	N	100	ND			100	B
5322-B-019	22016909-019-A	White Texture W/Blue Paint	N	6	ND			100	C
	22016909-019-B	White/Tan Drywall	N	94	ND		15	85	G

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Manager-Asbestos

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Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-020	22016909-020-A	White Texture W/Gray Paint	N	5	ND			100	C,G
	22016909-020-B	White/Tan Drywall	N	95	ND		15	85	G
5322-B-021	22016909-021	Pink/Tan Drywall W/Blue Paint	N	100	ND		15	85	G
5322-B-022	22016909-022-A	White Texture W/White Paint	N	4	ND			100	G
	22016909-022-B	White/Tan Drywall	N	96	ND		15	85	G
5322-B-023	22016909-023-A	White Texture W/White Paint	N	3	ND			100	G
	22016909-023-B	Cream Tape	N	2	ND		98	2	CELL
	22016909-023-C	White Joint Compound	N	3	ND			100	G
	22016909-023-D	White/Tan Drywall	N	92	ND		15	85	G

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Manager-Asbestos

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Trace Less Than 1%
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G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
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FT Fibrous Talc
AH Animal Hair
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-024	22016909-024-A	White Texture W/Blue Paint	N	3	ND			100	G
	22016909-024-B	Cream Tape	N	2	ND		98	2	CELL
	22016909-024-C	White Joint Compound	N	3	ND			100	G
	22016909-024-D	White/Tan Drywall	N	92	ND		15	85	G
5322-B-025	22016909-025	White Granular Texture W/White Paint	N	100	ND			100	G,Q
5322-B-026	22016909-026	White Granular Texture W/White Paint	N	100	ND			100	G,Q
5322-B-027	22016909-027	White Granular Texture W/White Paint	N	100	ND			100	G,Q
5322-B-028	22016909-028-A	White/Gray Ceiling Tile	N	97	ND		65	35	CELL,FBG,P
	22016909-028-B	Orange Mastic	N	3	ND			100	B

Aaron Agajanian
Analyst

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Q Quartz
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-029	22016909-029-A	White/Gray Ceiling Tile	N	98	ND		65	35	CELL,FBG,P
	22016909-029-B	Orange Mastic	N	2	ND			100	B
5322-B-030	22016909-030-A	White/Gray Ceiling Tile	N	97	ND		65	35	CELL,FBG,P
	22016909-030-B	Orange Mastic	N	3	ND			100	B
5322-B-031	22016909-031-A	White Granular Texture W/White Paint	N	20	ND			100	G,Q
	22016909-031-B	White Plaster	N	80	ND			100	G,P
5322-B-032	22016909-032-A	White Texture W/Multiple White Paint Layers	N	5	ND			100	G
	22016909-032-B	Gray/White Granular Plaster	N	70	ND			100	Q
	22016909-032-C	White Compound	N	25	ND			100	G

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

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Sample Identification					Asbestos		Non-Asbestos		
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5322-B-033	22016909-033-A	White Texture W/Multicolored Paint Layers	N	5	ND			100	G
	22016909-033-B	White Granular Texture W/Orange Paint	N	10	ND			100	Q,G
	22016909-033-C	White Plaster	N	85	ND			100	P,G
5322-B-034	22016909-034-A	Black Cove Base	N	95	ND			100	
	22016909-034-B	Tan Mastic	N	5	ND			100	B
5322-B-035	22016909-035-A	Black Cove Base	N	95	ND			100	
	22016909-035-B	Tan Mastic	N	5	ND			100	B
5322-B-036	22016909-036-A	Black Cove Base	N	95	ND			100	
	22016909-036-B	Tan Mastic	N	5	ND			100	B

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Trace Less Than 1%
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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-037	22016909-037-A	Gray Cove Base	N	93	ND			100	
	22016909-037-B	White Mastic	N	7	ND			100	B,C
5322-B-038	22016909-038-A	Gray Cove Base	N	94	ND			100	
	22016909-038-B	Tan Mastic	N	6	ND			100	B
5322-B-039	22016909-039-A	Gray Cove Base	N	95	ND			100	
	22016909-039-B	Tan Mastic	N	5	ND			100	B
5322-B-040	22016909-040-A	Gray Cove Base	N	92	ND			100	
	22016909-040-B	Orange Mastic	N	8	ND			100	B,C
5322-B-041	22016909-041-A	Gray Cove Base	N	98	ND			100	
	22016909-041-B	Orange Mastic	N	2	ND			100	B,C

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
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NVLAP LAB CODE 500097-0

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Client:
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406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: NU48KS - 223507 Basement - Revised Report v2

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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-042	22016909-042-A	Gray Cove Base	N	97	ND			100	
	22016909-042-B	Orange Mastic	N	3	ND			100	B,C
5322-B-043	22016909-043-A	White/Silver Wrap	N	15	ND		80	20	CELL,FBG, FOIL
	22016909-043-B	Yellow Insulation	N	85	ND		95	5	FBG
5322-B-044	22016909-044-A	White/Silver Wrap	N	10	ND		55	45	CELL,FBG
	22016909-044-B	Blue/Green Mastic	N	5	ND			100	B
	22016909-044-C	Brown Insulation	N	85	ND		95	5	FBG
5322-B-045	22016909-045-A	White/Silver Wrap	N	12	ND		55	45	CELL,FBG
	22016909-045-B	Clear Tan Mastic	N	3	ND			100	B
	22016909-045-C	Brown Insulation	N	85	ND		95	5	FBG

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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-046	22016909-046-A	White Wrap	N	12	ND			100	
	22016909-046-B	Cream Insulation	N	88	ND		95	5	FBG
5322-B-047	22016909-047	White Wrap	N	100	ND			100	
5322-B-048	22016909-048-A	White Wrap	N	9	ND			100	
	22016909-048-B	Brown Insulation	N	91	ND		95	5	FBG
5322-B-049	22016909-049-A	White/Silver Wrap	N	12	ND		80	20	CELL,FBG, FOIL
	22016909-049-B	Tan Insulation	N	88	ND		95	5	FBG
5322-B-050	22016909-050-A	White/Silver Wrap	N	8	ND		55	45	CELL,FBG, FOIL
	22016909-050-B	Yellow/Tan Insulation	N	92	ND		95	5	FBG

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5322-B-051	22016909-051-A	White/Silver Wrap	N	8	ND		55	45	CELL,FBG, FOIL
	22016909-051-B	Yellow/Tan Insulation	N	92	ND		95	5	FBG
5322-B-052	22016909-052-A	White Wrap	N	90	ND		12	88	CELL,FBG
	22016909-052-B	Yellow Insulation	N	10	ND		95	5	FBG
5322-B-053	22016909-053-A	White Wrap	N	52	ND			100	
	22016909-053-B	Yellow Insulation	N	48	ND		95	5	FBG
5322-B-054	22016909-054-A	White Wrap	N	35	ND			100	
	22016909-054-B	Cream Insulation	N	65	ND		95	5	FBG
5322-B-055	22016909-055-A	White/Silver Wrap	N	7	ND		80	20	CELL,FBG, FOIL
	22016909-055-B	Yellow Insulation	N	93	ND		95	5	FBG

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Sample Identification					Asbestos		Non-Asbestos		
Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-056	22016909-056-A	White/Silver Wrap	N	7	ND		60	40	CELL,FBG, FOIL
	22016909-056-B	Yellow Insulation	N	93	ND		95	5	
5322-B-057	22016909-057-A	White/Silver Wrap	N	5	ND		80	20	CELL,FBG, FOIL
	22016909-057-B	Yellow/Tan Insulation	N	95	ND		95	5	FBG
5322-B-058	22016909-058-A	White Wrap	N	50	ND			100	
	22016909-058-B	Cream Insulation	N	50	ND		95	5	FBG
5322-B-059	22016909-059-A	White Wrap	N	18	ND			100	
	22016909-059-B	Cream Insulation	N	82	ND		95	5	FBG
5322-B-060	22016909-060-A	White Wrap	N	35	ND			100	
	22016909-060-B	Cream Insulation	N	65	ND		95	5	FBG

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Client	Lab Sample Number	Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-061	22016909-061	Red Sealant	N	100	ND		5	95	B,Q,FBG
5322-B-062	22016909-062	Red Sealant	N	100	ND		5	95	B,Q,FBG
5322-B-063	22016909-063	Red Sealant	N	100	ND		5	95	B,Q,FBG
5322-B-064	22016909-064	White Coating	N	100	ND		12	88	B,CELL
5322-B-065	22016909-065	White Coating	N	100	ND		12	88	B,CELL
5322-B-066	22016909-066	White/Tan Ceiling Tile	N	100	ND		92	8	CELL
5322-B-067	22016909-067	White/Tan Ceiling Tile	N	100	ND		92	8	CELL
5322-B-068	22016909-068	White/Tan Ceiling Tile	N	100	ND		92	8	CELL
5322-B-069	22016909-069	Red Sealant	N	100	ND		15	85	B,CELL
5322-B-070	22016909-070	Red Sealant	N	100	ND		15	85	B,CELL

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Sample Identification					Asbestos		Non-Asbestos		
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5322-B-071	22016909-071	Red Sealant	N	100	ND		15	85	B,CELL
5322-B-072	**22016909-072-A**	**Tan/Brown Tile**	**N**	**94**	**CHRY**	**Trace**		**100**	**C**
	22016909-072-B	Tan Adhesive	N	3	ND			100	B
	22016909-072-C	Black Mastic	N	3	ND			100	T,B
5322-B-073	**22016909-073-A**	**Tan/Brown Tile**	**N**	**91**	**CHRY**	**Trace**		**100**	**C**
	22016909-073-B	Tan Adhesive	N	4	ND			100	B
	22016909-073-C	Black Mastic	N	5	ND			100	T,B
5322-B-074	**22016909-074-A**	**Tan/Brown Tile**	**N**	**92**	**CHRY**	**Trace**		**100**	**C**
	22016909-074-B	Tan Adhesive	N	4	ND			100	B
	22016909-074-C	Black Mastic	N	4	ND			100	T,B

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Sample Identification					Asbestos		Non-Asbestos		
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5322-B-075	22016909-075-A	White Texture W/White Paint	N	60	ND			100	G
	22016909-075-B	**White Texture W/Cream Paint**	**N**	**40**	**CHRY**	**4**	**2**	**94**	**G,CELL**
5322-B-076	22016909-076	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100			Trace	100	Q,G
5322-B-077	22016909-077	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100			Trace	100	Q,G
5322-B-078	22016909-078	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100			Trace	100	Q,G
5322-B-079	22016909-079	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100			Trace	100	Q,G
5322-B-080	22016909-080	White/Gray Granular Plaster	N	100			Trace	100	Q,G
5322-B-081	22016909-081-A	White Plaster W/White Paint	N	12				100	G
	22016909-081-B	White/Gray Granular Plaster W/Multicolored Paint Layers	N	88			Trace	100	Q,G

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5322-B-082	22016909-082-A	White Wrap	N	5	ND		45	55	SYN
	22016909-082-B	**White Insulation**	**N**	**95**	**CHRY/A**	**12/3**		**85**	**G**
5322-B-083	22016909-083	Positive Stop							
5322-B-084	22016909-084	Positive Stop							
5322-B-085	22016909-085-A	White Wrap	N	5	ND		45	55	SYN
	22016909-085-B	**White Insulation**	**N**	**95**	**CHRY/A**	**18/2**	**2**	**78**	**G**
5322-B-086	22016909-086	Positive Stop							
5322-B-087	22016909-087	Positive Stop							
5322-B-088	22016909-088-A	White Wrap	N	5	ND		45	55	SYN
	22016909-088-B	**White Insulation**	**N**	**95**	**CHRY/A**	**18/2**	**2**	**78**	**G**

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Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-B-089	22016909-089	Positive Stop							
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Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: NU48KS - 223507 Basement - Revised Report v2

Proiect ID: 22016909

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/23/22
Date Reported: 05/23/22
Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

* These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted.

* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

* Aerobiology Laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer. Aerobiology Laboratory is not responsible for the sampling activity.

* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

Aerobiology Laboratory Associates, Inc.
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Phoenix , AZ 85021
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Client:
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406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: 50IC2N - 223507 Basement

Proiect ID: 22021235

Date Collected: 06/03/22
Date Received: 06/07/22
Date Analyzed: 06/07/22
Date Reported: 06/08/22
Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

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NVLAP LAB CODE 500097-0

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Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Project ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/18/22
Date Reported: 05/19/22

Test requested: **3001 - Asbestos Point Count in Bulk Samples (400/1000)**
Method: EPA-600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Sample Identification		Physical Description of Sample/Layer	Asbestos Detected	Asbestos Percentage	Point Count Method (400/1000)
Client	Lab Sample Number				
5322-E-003	**22017243-003**	**Light Gray Caulk**	**CHRY**	**1.0**	400

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
ND None Detected

22016909
5/6/2022

NU48KS

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Basement
Site Location: Inlow Hall Basment
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-001	VT-B-01 - 9" tan vinyl tile with green streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-002	VT-B-01 - 9" tan vinyl tile with green streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-003	VT-B-01 - 9" tan vinyl tile with green streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-004	VT-B-02 - 12" tan vinyl tile with grey streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-005	VT-B-02 - 12" tan vinyl tile with grey streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-006	VT-B-02 - 12" tan vinyl tile with grey streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-007	VT-B-03 - 12" tan vinyl tile with brown blobs	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-008	VT-B-03 - 12" tan vinyl tile with brown blobs	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-009	VT-B-03 - 12" tan vinyl tile with brown blobs	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-010	VT-B-04 - 9" green vinyl tile with tan streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-011	VT-B-04 - 9" green vinyl tile with tan streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-012	VT-B-04 - 9" green vinyl tile with tan streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-013	ADV-B-01 - Tan adhesive associated with tan/gray carpet	West Wing	Room 001B	EPA Test Method 600/R-93/116 (PLM)
5322-B-014	ADV-B-01 - Tan adhesive associated with tan/gray carpet	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-015	ADV-B-01 - Tan adhesive associated with tan/gray carpet	East Wing	Archivial	EPA Test Method 600/R-93/116 (PLM)
5322-B-016	ADV-B-02 - Tan adhesive assocaited with black/brown 2' by 2' carpet tiles	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-B-017	ADV-B-02 - Tan adhesive assocaited with black/brown 2' by 2' carpet tiles	East Wing	Room 013C	EPA Test Method 600/R-93/116 (PLM)
5322-B-018	ADV-B-02 - Tan adhesive assocaited with black/brown 2' by 2' carpet tiles	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-B-019	GWB-B-01 - Smooth Gypsum Wallboard	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-020	GWB-B-01 - Smooth Gypsum Wallboard	West Wing	Veteran Resource Center Storage	EPA Test Method 600/R-93/116 (PLM)
5322-B-021	GWB-B-01 - Smooth Gypsum Wallboard	East Wing	Room 013C	EPA Test Method 600/R-93/116 (PLM)
5322-B-022	GWB-B-02 - Rough gypsum wallboard	East Wing	Room 011	EPA Test Method 600/R-93/116 (PLM)
5322-B-023	GWB-B-02 - Rough gypsum wallboard	East Wing	Room 011	EPA Test Method 600/R-93/116 (PLM)
5322-B-024	GWB-B-02 - Rough gypsum wallboard	East Wing	Room 011A	EPA Test Method 600/R-93/116 (PLM)
5322-B-025	SUR-B-01 - Granular texture on concrete	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-026	SUR-B-01 - Granular texture on concrete	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-027	SUR-B-01 - Granular texture on concrete	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-028	CT-B-01 - 1' by 1' ceiling tile on walls	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-029	CT-B-01 - 1' by 1' ceiling tile on walls	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-030	CT-B-01 - 1' by 1' ceiling tile on walls	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-031	PL-B-01 - Granular textured plaster walls	West Wing	Veteran Resource Center Storage	EPA Test Method 600/R-93/116 (PLM)
5322-B-032	PL-B-01 - Granular textured plaster walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-033	PL-B-01 - Granular textured plaster walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-034	FB-B-01 - 4" black floor base with tan adhesive	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-035	FB-B-01 - 4" black floor base with tan adhesive	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-036	FB-B-01 - 4" black floor base with tan adhesive	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-037	FB-B-02 - 4" dark gray floor base with tan adhesive	West Wing	Veteran Resource Center Storage	EPA Test Method 600/R-93/116 (PLM)
5322-B-038	FB-B-02 - 4" dark gray floor base with tan adhesive	Center	Elevator lobby	EPA Test Method 600/R-93/116 (PLM)
5322-B-039	FB-B-02 - 4" dark gray floor base with tan adhesive	Center	Elevator lobby	EPA Test Method 600/R-93/116 (PLM)
5322-B-040	FB-B-03 - 6" dark gray floor base	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-B-041	FB-B-03 - 6" dark gray floor base	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-B-042	FB-B-03 - 6" dark gray floor base	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)

22016909
5/6/2022

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-043	TSI-B-01 - 4" fiberglass pipe insulation	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-044	TSI-B-01 - 4" fiberglass pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-045	TSI-B-01 - 4" fiberglass pipe insulation	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-046	TSI-B-02 - 4" fiberlass pipe JETs	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-047	TSI-B-02 - 4" fiberlass pipe JETs	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-048	TSI-B-02 - 4" fiberlass pipe JETs	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-049	TSI-B-03 - 6" fiberglass pipe insulation	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-050	TSI-B-03 - 6" fiberglass pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-051	TSI-B-03 - 6" fiberglass pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-052	TSI-B-04 - 6" fiberglass pipe jets	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-053	TSI-B-04 - 6" fiberglass pipe jets	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-054	TSI-B-04 - 6" fiberglass pipe jets	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-055	TSI-B-05 - 8" fiberglass pipe insulation	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-056	TSI-B-05 - 8" fiberglass pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-057	TSI-B-05 - 8" fiberglass pipe insulation	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-058	TSI-B-06 - 8" fiberglass pipe jets	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-059	TSI-B-06 - 8" fiberglass pipe jets	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-060	TSI-B-06 - 8" fiberglass pipe jets	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-061	SEA-B-01 - Red pipe sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-062	SEA-B-01 - Red pipe sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-063	SEA-B-01 - Red pipe sealant	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-064	MSC-B-01 - White sink undercoat	East Wing	Area 012A	EPA Test Method 600/R-93/116 (PLM)
5322-B-065	MSC-B-01 - White sink undercoat	East Wing	Area 012A	EPA Test Method 600/R-93/116 (PLM)
5322-B-066	CT-B-02 - 1' by 2' ceiling tile	East Wing	Room 008	EPA Test Method 600/R-93/116 (PLM)
5322-B-067	CT-B-02 - 1' by 2' ceiling tile	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-068	CT-B-02 - 1' by 2' ceiling tile	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-069	SEA-B-02 - Dark red sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-070	SEA-B-02 - Dark red sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-071	SEA-B-02 - Dark red sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-072	VT-B-05 - 12" tan vinyl tile with brown streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-073	VT-B-05 - 12" tan vinyl tile with brown streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-074	VT-B-05 - 12" tan vinyl tile with brown streaks	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-B-075	PL-B-02 - Granular plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-076	PL-B-02 - Granular plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5322-B-077	PL-B-02 - Granular plaster ceilings	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-078	PL-B-02 - Granular plaster ceilings	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-079	PL-B-02 - Granular plaster ceilings	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-080	PL-B-02 - Granular plaster ceilings	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-081	PL-B-02 - Granular plaster ceilings	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-082	TSI-B-07 - White chalky 4" pipe insulation	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-083	TSI-B-07 - White chalky 4" pipe insulation	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-084	TSI-B-07 - White chalky 4" pipe insulation	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-085	TSI-B-08 - White chalky 6" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-086	TSI-B-08 - White chalky 6" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-087	TSI-B-08 - White chalky 6" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-088	TSI-B-09 - Jets associated with chalky 4" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-089	TSI-B-09 - Jets associated with chalky 4" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-B-090	TSI-B-09 - Jets associated with chalky 4" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)

22016909
5/6/2022

Sampled By	Date	Time
[illegible]	5.3.22	12:00

Received By	Date	Time
[illegible]		

Relinquished By	Date	Time
[illegible]	5.4.22	2:45

Received By	Date	Time
Fedex	9/6/22	1230

Relinquished By	Date	Time

Received By	Date	Time

Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 9/9/22

NVLAP TESTING

NVLAP LAB CODE 500097-0

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Attn: Ryan Mathews

Certificate of Analysis

Project Name: 50IC2N - 223507 Basement

Proiect ID: 22021235

Date Collected: 06/03/22
Date Received: 06/07/22
Date Analyzed: 06/07/22
Date Reported: 06/08/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
6322-B-001	22021235-001	White Texture W/White Paint	N	100	ND			100	G
6322-B-002	22021235-002-A	White Texture W/White Paint	N	55	ND			100	G
	22021235-002-B	Cream Texture W/Multicolored Paint Layers	N	45	ND			100	C
6322-B-003	22021235-003-A	White Texture W/White Paint	N	55	ND			100	G
	22021235-003-B	Cream Texture W/Multicolored Paint Layers	N	45	ND			100	C
6322-B-004	22021235-004-A	White Texture W/White Paint	N	70	ND			100	G
	22021235-004-B	Cream Texture W/Multicolored Paint Layers	N	30	ND			100	C
6322-B-005	22021235-005	White/Gray Granular Plaster W/White Paint	N	100	ND		Trace	100	Q
6322-B-006	22021235-006	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100	ND		Trace	100	Q

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP TESTING

NVLAP LAB CODE 500097-0

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Proiect ID: 22021235

Date Collected: 06/03/22
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Date Reported: 06/08/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
6322-B-007	22021235-007-A	White Texture W/White Paint	N	4	ND			100	G
	22021235-007-B	White/Gray Granular Plaster W/Tan Paint	N	96	ND		Trace	100	Q
6322-B-008	22021235-008-A	White Texture W/White Paint	N	3	ND			100	G
	22021235-008-B	White/Gray Granular Plaster W/Multicolored Paint Layers	N	97	ND		Trace	100	Q
6322-B-009	**22021235-009**	**White Plaster**	**N**	**100**	**CHRY**	**5**	**3**	**92**	**G,FBG**
6322-B-010	22021235-010	Positive Stop							
6322-B-011	22021235-011	Positive Stop							
6322-B-012	22021235-012	White/Gray Granular Plaster W/Multicolored Paint Layers	N	100	ND		Trace	100	Q

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Client:
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406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Project ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/18/22
Date Reported: 05/19/22

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

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* Unless notified in writing to return the samples covered by this report, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.

* Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be performed by a TEM. A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.

Notes Required by NVLAP

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* This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

* This test report relates only to the items tested or calibrated.

* This report is not valid unless it bears the name of a NVLAP-approved signatory.

* Any reproduction of this document must include the entire document in order for the report to be valid.

22021235
6/7/22

50IC2N

FULCRUM
environmental consulting

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Basement
Site Location: Inlow Hall Basment
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

2-3 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
6322-B-001	SUR-B-01 - Granular texture on concrete	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-002	SUR-B-01 - Granular texture on concrete	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-003	SUR-B-01 - Granular texture on concrete	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-004	SUR-B-01 - Granular texture on concrete	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-005	PL-B-01 - Granular textured plaster walls	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-006	PL-B-01 - Granular textured plaster walls	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)

22021235
6/7/22

Sample ID	Material	Floor / Section	Space	Analysis
6322-B-007	PL-B-01 - Granular textured plaster walls	Center	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-008	PL-B-01 - Granular textured plaster walls	East Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-009	PL-B-03 - Smooth plaster ceiling patch around pipe hanger penetrations	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-010	PL-B-03 - Smooth plaster ceiling patch around pipe hanger penetrations	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-011	PL-B-03 - Smooth plaster ceiling patch around pipe hanger penetrations	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)
6322-B-012	PL-B-02 - Granular plaster ceilings	West Wing	Hallway	3002 - PLM Bulk Count (EPA Method 600/R93/116)

[signature]	6/3/22	
Sampled By	Date	Time

Received By	Date	Time
[signature]	6/6/22	
Relinquished By	Date	Time

[signature] Fedex	06/07/22 @ 0907	
Received By	Date	Time
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 06/07/22 [signature]

NVLAP TESTING

NVLAP LAB CODE 500097-0

Aerobiology Laboratory Associates, Incorporated

A Pace Analytical® Laboratory

Aerobiology Laboratory Associates, Inc.
2226 W Northern Ave., Suite C-110
Phoenix , AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Proiect ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/13/22
Date Reported: 05/13/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-E-001	22017243-001	White Caulk W/Gray Paint	N	100	ND			100	B,C
5322-E-002	22017243-002	White Caulk W/Multicolored Paint Layers	N	100	ND			100	B,C
5322-E-003	**22017243-003**	**Light Gray Caulk W/Gray Paint**	**N**	**100**	**CHRY**	**2**		**98**	**B,C**
5322-E-004	22017243-004	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-005	22017243-005	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-006	22017243-006	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-007	22017243-007	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-008	22017243-008	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-009	22017243-009	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q
5322-E-010	22017243-010	Gray/White Granular Plaster W/Beige Paint	Y	100	ND		Trace	100	Q

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

NVLAP TESTING

NVLAP LAB CODE 500097-0

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www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Proiect ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/13/22
Date Reported: 05/13/22
Job ID:

Test Requested: **Asbestos Bulk Analysis, Polarized Light Microscopy (PLM):** EPA 600/R-93/116: Method for Asbestos in Bulk Building Materials, EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method for Asbestos in Bulk Insulation Samples

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos		Non-Asbestos		
Client	Lab Sample Number				Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
5322-E-011	22017243-011	Tan Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-012	22017243-012	Tan Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-013	22017243-013	Tan Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-014	22017243-014	Brown Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-015	22017243-015	Tan Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-016	22017243-016	Tan Caulk W/Beige Paint	N	100	ND			100	B,C
5322-E-017	**22017243-017**	**Gray Sealant**	**N**	**100**	**CHRY**	**4**		**96**	**B**
5322-E-018	22017243-018	Positive Stop							
5322-E-019	22017243-019	Positive Stop							

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
Trace Less Than 1%
ND None Detected

Q Quartz
C Carbonates
G Gypsum
M Mica
T Tar
P Perlite
B Binder
D Diatoms

CELL Cellulose
MW Mineral Wool
FBG Fiberglass
SYN Synthetic
WO Wollastonite
FT Fibrous Talc
AH Animal Hair
NAC Non-Asbestiform AC
NTR Non-Asbestiform TR

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Client:
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406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Proiect ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/13/22
Date Reported: 05/13/22
Job ID:

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

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Notes Required by NVLAP

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NVLAP LAB CODE 500097-0

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A Pace Analytical® Laboratory

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(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Project ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/18/22
Date Reported: 05/19/22

Test requested: **3001 - Asbestos Point Count in Bulk Samples (400/1000)**
Method: EPA-600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Sample Identification		Physical Description of Sample/Layer	Asbestos Detected	Asbestos Percentage	Point Count Method (400/1000)
Client	Lab Sample Number				
5322-E-003	**22017243-003**	**Light Gray Caulk**	**CHRY**	**1.0**	400

Aaron Agajanian
Analyst

Elle Teague
Manager-Asbestos

A Amosite
AC Actinolite
AN Anthophyllite
CHRY Chrysotile
CR Crocidolite
TR Tremolite
ND None Detected

Aerobiology Laboratory Associates, Inc.
2226 W Northern Ave., Suite C-110
Phoenix, AZ 85021
(602) 441-3700
www.aerobiology.net

Client:
Fulcrum Environmental Consulting
406 North 2nd Street
Yakima, WA 98901
Attn: Ryan Mathews

Certificate of Analysis

Project Name: EW4SA5 - 223507 Basement

Project ID: 22017243

Date Collected: 05/03/22
Date Received: 05/06/22
Date Analyzed: 05/18/22
Date Reported: 05/19/22

General Notes

* **ND** indicates no asbestos was detected; the method detection limit is 1%.

* **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.

* All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.

* Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.

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22017243
5/6/2022

EW4SA5

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Basement
Site Location: Inlow Hall Basment
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5-7 Days

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-E-001	WG-E-01 - Thick window glazing on basement windows	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-002	WG-E-01 - Thick window glazing on basement windows	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-003	WG-E-01 - Thick window glazing on basement windows	Exterior	East	EPA Test Method 600/R-93/116 (PLM)
5322-E-004	SUR-E-01 - Tan stucco on exterior walls	Exterior	North	EPA Test Method 600/R-93/116 (PLM)
5322-E-005	SUR-E-01 - Tan stucco on exterior walls	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-006	SUR-E-01 - Tan stucco on exterior walls	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-007	SUR-E-01 - Tan stucco on exterior walls	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-008	SUR-E-01 - Tan stucco on exterior walls	Exterior	East	EPA Test Method 600/R-93/116 (PLM)

22017243
5/6/2022

Sample ID	Material	Floor / Section	Space	Analysis
5322-E-009	SUR-E-01 - Tan stucco on exterior walls	Exterior	East	EPA Test Method 600/R-93/116 (PLM)
5322-E-010	SUR-E-01 - Tan stucco on exterior walls	Exterior	North	EPA Test Method 600/R-93/116 (PLM)
5322-E-011	DP-E-01 - Tan door putty around old basement door	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-012	DP-E-01 - Tan door putty around old basement door	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-013	DP-E-01 - Tan door putty around old basement door	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-014	DP-E-02 - Tan door putty around new exterior door	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-015	DP-E-02 - Tan door putty around new exterior door	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-016	DP-E-02 - Tan door putty around new exterior door	Exterior	South	EPA Test Method 600/R-93/116 (PLM)
5322-E-017	SEA-E-01 - Light gray staircase sealant/caulking	Exterior	East	EPA Test Method 600/R-93/116 (PLM)
5322-E-018	SEA-E-01 - Light gray staircase sealant/caulking	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-019	SEA-E-01 - Light gray staircase sealant/caulking	Exterior	North	EPA Test Method 600/R-93/116 (PLM)

22017243
5/6/2022

Sampled By	Date	Time
[signature]	5.3.22	12:00

Received By	Date	Time
[signature]	5.4.22	2:45
Relinquished By	Date	Time

Received By	Date	Time
[signature] Fedex	5/6/22	1230
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

ALL SAMPLES ACCEPTABLE
INIT/DATE 5/10/22 [signature]

Fulcrum Environmental Consulting, Inc. - Chain of Custody For Eastern Oregon University
Inlow Hall Basment - 223507 Basement

May 5, 2022

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208492.00

Client Project: 223507 Roof
Location: Inlow Hall Roof One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 3 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Munaf Khan, Laboratory Director

Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Roof One University Boulevard La Grande, Oregon 997850

Batch #: 2208492.00
Client Project #: 223507 Roof
Date Received: 5/5/2022
Samples Received: 3
Samples Analyzed: 3
Method: EPA/600/R-93/116

Lab ID: 22354083 **Client Sample #: 5322-CRD-10**

Layer 1 of 1 **Description:** Tan soft material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Fine particles, Rubber/Binder	Cellulose	3%	**None Detected ND**

Lab ID: 22354084 **Client Sample #: 5322-CRD-15**

Location: Inlow Hall Roof One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Black asphaltic material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles	Cellulose	1%	**Chrysotile 5%**

Lab ID: 22354085 **Client Sample #: 5322-ERD-09**

Location: Inlow Hall Roof One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Black asphaltic fibrous material with dust

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles	Cellulose	55%	**None Detected ND**

Sampled by: Client
Analyzed by: Muhammad Yousuf **Date:** 05/05/2022
Reviewed by: Munaf Khan **Date:** 05/05/2022

Munaf Khan, Laboratory Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company Fulcrum Environmental Consulting - Yakima
Address 406 N. 2nd Street
Yakima, WA 98901
Project Manager Mr. Danny Orozco
Phone (509) 574-0839

NVL Batch Number **2208492.00**
TAT 5 Days **AH** No
Rush TAT
Due Date 5/12/2022 **Time** 10:45 AM
Email dorozco@efulcrum.net
Fax (509) 575-8453

Project Name/Number: 223507 Roof **Project Location:** Inlow Hall Roof One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 3 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354083	5322-CRD-10		A
2	22354084	5322-CRD-15		A
3	22354085	5322-ERD-09		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Federal Express				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Muhammad Yousuf		NVL	5/5/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 12:52 PM
Entered By: Kelly AuVu

2208492

UIF60M

FULCRUM

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Laboratory: NVL Laboratories, Inc.
Project: 223507 Roof
Site Location: Inlow Hall Roof
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5 Day

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-CRD-10	SEA-CR-02 - Tan sealant around perimeter	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-CRD-15	SEA-CR-03 - Black sealant on center roof corners	Roof	Center	3002 - PLM Bulk Count (EPA Method 600/R93/116)
5322-ERD-09	RFM-ER-02 - Built up roofing on sloped roof	Roof	East	3002 - PLM Bulk Count (EPA Method 600/R93/116)

2208492

Sampled By	Date	Time
[signature]	5.3.22	10:00

Received By	Date	Time
	~~5.4.22~~	~~2:45~~
Relinquished By	**Date**	**Time**
[signature]	5.4.22	2:45

Received By	Date	Time
[signature]	5/9/22	1045 WB
Relinquished By	**Date**	**Time**

Received By	Date	Time
Relinquished By	**Date**	**Time**

Analysis By	Date	Time

May 13, 2022

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208493.00

Client Project: 223507 Attic
Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 4 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Batch #: 2208493.00
Client Project #: 223507 Attic
Date Received: 5/5/2022
Samples Received: 4
Samples Analyzed: 4
Method: EPA/600/R-93/116

Lab ID: 22354086 **Client Sample #: 5222-M-003**
Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** Gray brittle material with mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Mastic/Binder, Fine grains, Fine particles	Cellulose <1%	**None Detected ND**

Layer 2 of 2 **Description:** Tan fibrous backing

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Fine grains	Cellulose 84%	**None Detected ND**

Lab ID: 22354087 **Client Sample #: 5222-M-011**
Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White sandy material with light blue paint on the surface

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Paint, Calcareous particles	Cellulose 2%	**None Detected ND**
Perlite		

Lab ID: 22354088 **Client Sample #: 5222-M-018**
Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** white cementitous material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Granules, Paint	Cellulose 1%	**None Detected ND**
Mineral grains		

Lab ID: 22354239 **Client Sample #: 5222-M-042**
Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/12/2022
Reviewed by: Evelyn Ahulu **Date:** 05/13/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: **Mr. Danny Orozco**
Project Location: Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Batch #: 2208493.00
Client Project #: 223507 Attic
Date Received: 5/5/2022
Samples Received: 4
Samples Analyzed: 4
Method: EPA/600/R-93/116

Layer 1 of 1 **Description:** Gray rubbery material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Rubber/Binder, Fine particles	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/12/2022
Reviewed by: Evelyn Ahulu **Date:** 05/13/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company Fulcrum Environmental Consulting - Yakima
Address 406 N. 2nd Street
Yakima, WA 98901
Project Manager Mr. Danny Orozco
Phone (509) 574-0839

NVL Batch Number **2208493.00**
TAT 5 Days **AH** No
Rush TAT
Due Date 5/12/2022 **Time** 10:45 AM
Email dorozco@efulcrum.net
Fax (509) 575-8453

Project Name/Number: 223507 Attic **Project Location:** Inlow Hall Attic One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 4

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354086	5222-M-003		A
2	22354087	5222-M-011		A
3	22354088	5222-M-018		A
4	22354239	5222-M-042		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Munaf Khan		NVL	5/12/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 12:58 PM
Entered By: Kelly AuVu

2208493

QP3DL8

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Laboratory: NVL Laboratories, Inc.
Project: 223507 Attic
Site Location: Inlow Hall Attic
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

Standard

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5222-M-003	ADV-M-01 - Residual Brown glue dots on south plaster wall	Mezzanine Center Portion,	South wall	EPA Test Method 600/R-93/116 (PLM)
5222-M-011	PL-M-01 - White/light blue rough textured plaster walls	Mezzanine Center Portion,	West area	EPA Test Method 600/R-93/116 (PLM)
5222-M-018	PL-M-02 - Unfinished plaster walls	Mezzanine Center Portion,	South wall	EPA Test Method 600/R-93/116 (PLM)
5222-M-042	SEA-M-01 - Dark gray HVAC duct sealant	Mezzanine Center Portion,	West area	EPA Test Method 600/R-93/116 (PLM)

2208493

Sampled By	Date 5/2/22	Time

Received By	Date	Time
Relinquished By	Date 5/4/22	Time

Received By	Date 5/5/22	Time 1045 UPS
Relinquished By	Date	Time

Received By	Date	Time
Relinquished By	Date	Time

Analysis By	Date	Time

May 13, 2022

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208495.00

Client Project: 223507 Second Floor
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 10 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Batch #: 2208495.00
Client Project #: 223507 Second Floor
Date Received: 5/5/2022
Samples Received: 10
Samples Analyzed: 10
Method: EPA/600/R-93/116

Lab ID: 22354092 **Client Sample #: 5222-2FD-011**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** Gray patterned sheet vinyl

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Vinyl/Binder, Fine particles	Cellulose <1%	**None Detected ND**

Layer 2 of 2 **Description:** Gray fibrous backing with mastic and debris

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mastic/Binder, Debris	Cellulose 48%	**None Detected ND**
Fine particles		

Lab ID: 22354093 **Client Sample #: 5222-2FD-021**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Paint, Fine particles	Cellulose <1%	**None Detected ND**

Layer 2 of 2 **Description:** White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Gypsum/Binder, Fine particles	Cellulose 21%	**None Detected ND**
	Glass fibers 12%	

Lab ID: 22354094 **Client Sample #: 5222-2FD-032**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White sandy material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Paint, Fine particles	Cellulose <1%	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/12/2022
Reviewed by: Evelyn Ahulu **Date:** 05/13/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Batch #: 2208495.00
Client Project #: 223507 Second Floor
Date Received: 5/5/2022
Samples Received: 10
Samples Analyzed: 10
Method: EPA/600/R-93/116

Layer 2 of 2 **Description:** White chalky material with paper

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Gypsum/Binder, Fine particles	Cellulose 23%	**None Detected ND**
	Glass fibers 9%	

Lab ID: 22354095 **Client Sample #: 5222-2FD-041**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Paint	Cellulose <1%	**None Detected ND**

Lab ID: 22354096 **Client Sample #: 5222-2FD-051**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Gray fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Paint, Perlite	Glass fibers 41%	**None Detected ND**
	Cellulose 20%	

Lab ID: 22354097 **Client Sample #: 5222-2FD-063**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Brown brittle mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Mastic/Binder, Mineral grains	Cellulose <1%	**None Detected ND**

Lab ID: 22354098 **Client Sample #: 5222-2FD-070**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/12/2022
Reviewed by: Evelyn Ahulu **Date:** 05/13/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Batch #: 2208495.00
Client Project #: 223507 Second Floor
Date Received: 5/5/2022
Samples Received: 10
Samples Analyzed: 10
Method: EPA/600/R-93/116

Layer 1 of 1 **Description:** Tan flexible fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Adhesive/Binder	Cellulose 48%	**None Detected ND**

Lab ID: 22354099 **Client Sample #: 5222-2FD-081**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Tan fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Paint, Fine grains	Cellulose 87%	**None Detected ND**

Lab ID: 22354100 **Client Sample #: 5222-2FD-090**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Black asphaltic material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Asphalt/Binder, Asphaltic Particles	Cellulose 2%	**None Detected ND**

Lab ID: 22354101 **Client Sample #: 5222-2FD-100**
Location: Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White hard plastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Plastic	Cellulose <1%	**None Detected ND**

Layer 2 of 2 **Description:** Yellow fluffy fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Glass debris	Glass fibers 95%	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/12/2022
Reviewed by: Evelyn Ahulu **Date:** 05/13/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208495.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Danny Orozco	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	dorozco@efulcrum.net
		Fax	(509) 575-8453

Project Name/Number:	223507 Second Floor	**Project Location:**	Inlow Hall Second Floor One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk

Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 10

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354092	5222-2FD-011		A
2	22354093	5222-2FD-021		A
3	22354094	5222-2FD-032		A
4	22354095	5222-2FD-041		A
5	22354096	5222-2FD-051		A
6	22354097	5222-2FD-063		A
7	22354098	5222-2FD-070		A
8	22354099	5222-2FD-081		A
9	22354100	5222-2FD-090		A
10	22354101	5222-2FD-100		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Munaf Khan		NVL	5/12/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 1:02 PM
Entered By: Kelly AuVu

2208495

BLEM0M

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Second Floor
Site Location: Inlow Hall Second Floor
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5 Day

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5222-2FD-011	SVF-2F-01 - Gray speckled sheet vinyl flooring with tan adhesive in presidents office	East Wing	Presidents office	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-021	GWB-2F-02 - White smooth textured gypsum wallboard walls	Center	220 Staircase	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-032	PL-2F-01 - Granular texture plaster walls	Center	HVAC closet	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-041	PL-2F-02 - Granular textured plaster ceilings	West Wing	Room 204	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-051	CT-2F-02 - 2-foot by 4-foot speckled suspended ceiling tiles	Center	Room 211A	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-063	ADV-2F-04 - Brown glue dot on plaster walls in IT closet	East Wing	IT Closet	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-070	ADV-2F-06 - Tan adhesive beneath carpet squares in HR room	East Wing	Room 219	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-081	CT-2F-06 - 12-inch by 12-inch white nailed in ceiling tile with small pin holes in payroll	West Wing	Room 204	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5222-2FD-090	MSC-2F-06 - Black sink undercoat	Center	Conference Room	EPA Test Method 600/R-93/116 (PLM)
5222-2FD-100	TSI-2F-04 - JETs on 6-inch pipe system	Center	Room 202	EPA Test Method 600/R-93/116 (PLM)

Sampled By	Date	Time
[signature]	5.2.22	6:00a

2208495

Received By	Date	Time

Relinquished By	Date	Time
[signature]	5.4.22	8:45

Received By	Date	Time
[signature]	5/5/22	9:10 45 UPS

Relinquished By	Date	Time

Received By	Date	Time

Relinquished By	Date	Time

Analysis By	Date	Time

May 10, 2022

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208494.00

Client Project: 223507 Main Floor
Location: Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 3 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Evelyn Ahulu, Manager Environmnal Microbiology Lab

NVLAP
Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Batch #: 2208494.00
Client Project #: 223507 Main Floor
Date Received: 5/5/2022
Samples Received: 3
Samples Analyzed: 3
Method: EPA/600/R-93/116

Lab ID: 22354089 **Client Sample #: 5322-1FD-010**
Location: Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Paint, Fine particles	Cellulose 1%	**None Detected ND**

Lab ID: 22354090 **Client Sample #: 5322-1FD-020**
Location: Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Gray fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Paint, Perlite	Glass fibers 42%	**None Detected ND**
	Cellulose 21%	

Lab ID: 22354091 **Client Sample #: 5322-1FD-030**
Location: Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White flexible plastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Plastic	None Detected ND	**None Detected ND**

Layer 2 of 2 **Description:** Yellow fluffy fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler	Glass fibers 96%	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/10/2022
Reviewed by: Evelyn Ahulu **Date:** 05/10/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208494.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Danny Orozco	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	dorozco@efulcrum.net
		Fax	(509) 575-8453

Project Name/Number: 223507 Main Floor **Project Location:** Inlow Hall Main Floor One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk

Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 3

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354089	5322-1FD-010		A
2	22354090	5322-1FD-020		A
3	22354091	5322-1FD-030		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Munaf Khan		NVL	5/10/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 1:00 PM
Entered By: Kelly AuVu

2208494

X2L91B

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Main Floor
Site Location: Inlow Hall Main Floor
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5 Day

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-1FD-010	GWB-1F-01 - Rough textured gypsum wallboard walls	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-1FD-020	CT-1F-01 - 2-foot by 4-foot rough textured ceiling tile	East Wing	Financial Aid Copy Room	EPA Test Method 600/R-93/116 (PLM)
5322-1FD-030	TSI-1F-02 - 6-inch JETs on pipe system	West Wing	Womens Bathroom	EPA Test Method 600/R-93/116 (PLM)

2208494

Sampled By	Date	Time
[signature]	5.3.22	6:00

Received By	Date	Time
[signature]	5.4.22	2:45

Received By	Date	Time
[signature]	5/5/22	1045 WS

Received By	Date	Time

Analysis By	Date	Time

May 11, 2022

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208497.00

Client Project: 223507 Basement
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 9 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Evelyn Ahulu, Manager Environmnal Microbiology Lab

NVLAP
Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Batch #: 2208497.00
Client Project #: 223507 Basement
Date Received: 5/5/2022
Samples Received: 9
Samples Analyzed: 9
Method: EPA/600/R-93/116

Lab ID: 22354104 **Client Sample #: 5322-BD-010**
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Green vinyl tile

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Vinyl/Binder, Fine particles	None Detected	ND	**Chrysotile 4%**

Lab ID: 22354105 **Client Sample #: 5322-BD-025**
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White compacted powdery material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Calcareous binder, Paint, Fine particles	Cellulose	<1%	**None Detected ND**

Lab ID: 22354106 **Client Sample #: 5322-BD-030**
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** Gray fibrous material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Binder/Filler, Perlite, Paint	Cellulose	52%	**None Detected ND**
	Glass fibers	17%	

Layer 2 of 2 **Description:** Tan brittle mastic

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Mastic/Binder, Fine grains	Cellulose	<1%	**None Detected ND**

Lab ID: 22354107 **Client Sample #: 5322-BD-040**
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** Gray rubbery material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Rubber/Binder	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/11/2022
Reviewed by: Evelyn Ahulu **Date:** 05/11/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Batch #: 2208497.00
Client Project #: 223507 Basement
Date Received: 5/5/2022
Samples Received: 9
Samples Analyzed: 9
Method: EPA/600/R-93/116

Layer 2 of 2 **Description:** White compacted powdery material with tan mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Mastic/Binder, Fine particles	Cellulose 1%	**None Detected ND**

Lab ID: 22354108 **Client Sample #: 5322-BD-050**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White fibrous felt with metal foil

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Metal foil, Fine particles	Cellulose 22%	**None Detected ND**

Layer 2 of 2 **Description:** Yellow fluffy fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler	Glass fibers 91%	**None Detected ND**

Lab ID: 22354109 **Client Sample #: 5322-BD-060**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 2 **Description:** White hard plastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Plastic	None Detected ND	**None Detected ND**

Layer 2 of 2 **Description:** Yellow fluffy fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler	Glass fibers 90%	**None Detected ND**

Lab ID: 22354110 **Client Sample #: 5322-BD-070**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Red soft mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Mastic/Binder, Fine particles	Cellulose 16%	**None Detected ND**

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/11/2022
Reviewed by: Evelyn Ahulu **Date:** 05/11/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Batch #: 2208497.00
Client Project #: 223507 Basement
Date Received: 5/5/2022
Samples Received: 9
Samples Analyzed: 9
Method: EPA/600/R-93/116

Lab ID: 22354111 **Client Sample #: 5322-BD-080**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White cementitious material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Cement/Binder, Granules, Fine particles	Cellulose	2%	**None Detected ND**

Lab ID: 22354112 **Client Sample #: 5322-BD-090**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White powdery fibrous material

Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
Binder/Filler, Calcareous binder, Fine particles	None Detected	ND	**Amosite 20%**
			Chrysotile 4%

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/11/2022
Reviewed by: Evelyn Ahulu **Date:** 05/11/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company Fulcrum Environmental Consulting - Yakima
Address 406 N. 2nd Street
Yakima, WA 98901
Project Manager Mr. Danny Orozco
Phone (509) 574-0839

NVL Batch Number **2208497.00**
TAT 5 Days **AH** No
Rush TAT
Due Date 5/12/2022 **Time** 10:45 AM
Email dorozco@efulcrum.net
Fax (509) 575-8453

Project Name/Number: 223507 Basement **Project Location:** Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 9

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354104	5322-BD-010		A
2	22354105	5322-BD-025		A
3	22354106	5322-BD-030		A
4	22354107	5322-BD-040		A
5	22354108	5322-BD-050		A
6	22354109	5322-BD-060		A
7	22354110	5322-BD-070		A
8	22354111	5322-BD-080		A
9	22354112	5322-BD-090		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Munaf Khan		NVL	5/11/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 1:06 PM
Entered By: Kelly AuVu

2208497

922ZFF

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Basement
Site Location: Inlow Hall Basment
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5 Day

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-BD-010	VT-B-01 - 9" tan vinyl tile with green streaks	West Wing	Server Room	EPA Test Method 600/R-93/116 (PLM)
5322-BD-025	SUR-B-01 - Granular texture on concrete	West Wing	IT Room	EPA Test Method 600/R-93/116 (PLM)
5322-BD-030	CT-B-01 - 1' by 1' ceiling tile on walls	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-BD-040	FB-B-03 - 6" dark gray floor base	East Wing	Recording Studio	EPA Test Method 600/R-93/116 (PLM)
5322-BD-050	TSI-B-03 - 6" fiberglass pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-BD-060	TSI-B-06 - 8" fiberglass pipe jets	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-BD-070	SEA-B-02 - Dark red sealant	West Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)
5322-BD-080	PL-B-02 - Granular plaster ceilings	East Wing	Hallway	EPA Test Method 600/R-93/116 (PLM)

Sample ID	Material	Floor / Section	Space	Analysis
5322-BD-090	TSI-B-09 - Jets associated with chalky 4" pipe insulation	Center	Hallway	EPA Test Method 600/R-93/116 (PLM)

2208497

Sampled By	Date	Time
[signature]	5.3.22	12:00

Received By	Date	Time
✓		

Relinquished By	Date	Time
[signature]	5.4.22	2:45

Received By	Date	Time
KeenAzen	5/5/22	1045 UPS

Relinquished By	Date	Time

Received By	Date	Time

Relinquished By	Date	Time

Analysis By	Date	Time

May 11, 2022

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

Danny Orozco
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2208496.00

Client Project: 223507 Basement
Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Dear Mr. Orozco,

Enclosed please find test results for the 2 sample(s) submitted to our laboratory for analysis on 5/5/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Evelyn Ahulu, Manager Environmnal Microbiology Lab

NVLAP
Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Danny Orozco
Project Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Batch #: 2208496.00
Client Project #: 223507 Basement
Date Received: 5/5/2022
Samples Received: 2
Samples Analyzed: 2
Method: EPA/600/R-93/116

Lab ID: 22354102 **Client Sample #: 8322-E-002**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** White sandy material with debris and paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Calcareous binder, Debris, Fine particles	Cellulose 2%	**None Detected ND**
Paint		

Lab ID: 22354103 **Client Sample #: 8322-E-003**

Location: Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Layer 1 of 1 **Description:** Off-white cementitous material with paint, debris and granules

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Cement/Binder, Debris, Granules	Cellulose <1%	**None Detected ND**
Mineral grains, Paint		

Sampled by: Client
Analyzed by: Munaf Khan **Date:** 05/11/2022
Reviewed by: Evelyn Ahulu **Date:** 05/11/2022

Evelyn Ahulu, Manager Environmnal Microbiology Lab

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

ASBESTOS LABORATORY SERVICES

NVL

Company Fulcrum Environmental Consulting - Yakima
Address 406 N. 2nd Street
Yakima, WA 98901
Project Manager Mr. Danny Orozco
Phone (509) 574-0839

NVL Batch Number **2208496.00**
TAT 5 Days **AH** No
Rush TAT
Due Date 5/12/2022 **Time** 10:45 AM
Email dorozco@efulcrum.net
Fax (509) 575-8453

Project Name/Number: 223507 Basement **Project Location:** Inlow Hall Basement One University Boulevard La Grande, Oregon 997850

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 2

Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354102	8322-E-002		A
2	22354103	8322-E-003		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Munaf Khan		NVL	5/11/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 1:03 PM
Entered By: Kelly AuVu

2208496

BNVVSB

Fulcrum Environmental Consulting, Inc.
406 North 2nd Street
Yakima, Washington 98901

Chain of Custody

Project: 223507 Basement
Site Location: Inlow Hall Basment
One University Boulevard
La Grande, Oregon 997850
Sampled By: Danny Orozco (dorozco@efulcrum.net)
Purpose: Hazardous Building Materials Inspection

Laboratory Notes

Stop after first positive for each HM

Turn-Around Time Request

5 Day

Samples

Sample ID	Material	Floor / Section	Space	Analysis
5322-E-002	WG-E-01 - Thick window glazing on basement windows	Exterior	West	EPA Test Method 600/R-93/116 (PLM)
5322-E-005	SUR-E-01 - Tan stucco on exterior walls	Exterior	West	EPA Test Method 600/R-93/116 (PLM)

2208496

Sampled By	Date	Time
[illegible]	5.3.22	12:00

Received By	Date	Time

Relinquished By	Date	Time
[illegible]	5.4.22	2:45

Received By	Date	Time
[illegible]	5/5/22	1045 UP

Relinquished By	Date	Time

Received By	Date	Time

Relinquished By	Date	Time

Analysis By	Date	Time

APPENDIX D

Paint Chip Analytical Results

June 17, 2022

Ryan Mathews
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

NVL Batch # 2208504.01

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <paint>
Item Code: FAA-02

Client Project: 223507
Location: Inlow Hall Mezzanine

Dear Mr. Mathews,

NVL Labs received 3 sample(s) for the said project on 5/5/2022. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Lead (Pb)

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Ryan Mathews
Project Location: Inlow Hall Mezzanine

Batch #: 2208504.01
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 223507
Date Received: 5/5/2022
Samples Received: 3
Samples Analyzed: 3

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
22354138	PC-M-01	0.1040	96	280000	28
22354139	PC-M-02	0.0860	120	190000	19
22354140	PC-M-03	0.2090	48	90	0.0090

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel
Date Analyzed: 05/06/2022
Date Issued: 06/17/2022
Shalini Patel, Manager Metals Lab

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
RL = Reporting Limit
'<' = Below the reporting Limit
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2022-0506-05
FAA-02

LEAD LABORATORY SERVICES

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208504.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Ryan Mathews	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	rmathews@efulcrum.net
Cell	(509) 728-2424	**Fax**	(509) 575-8453

Project Name/Number: 223507 **Project Location:** Inlow Hall Mezzanine

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 3 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354138	PC-M-01		A
2	22354139	PC-M-02		A
3	22354140	PC-M-03		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Yasuyuki Hida		NVL	5/6/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 2:17 PM
Entered By: Kelly AuVu

2208504

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg.Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

NVL LABS

Client Fulcrum Environmental Consulting, Inc.
Street 406 N. 2nd St.
Yakima, WA. 98901

Project Manager Ryan Mathews
Project Location Inlow Hall Mezzanine

NVL Batch Number
Client Job Number 223507
Total Samples 3
Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days ☐ 2-Hrs ☐ 2 Days ☒ 5 Days ☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs
Email address rogue.reyes@fulcrum.net

Phone: 509.574.0839 **Fax:** Home

☐ **Asbestos Air** ☐ PCM (NIOSH 7400) ☐ TEM (NIOSH 7402) ☐ TEM (AHERA) ☐ TEM (EPA Level II) ☐ Other

☐ **Asbestos Bulk** ☐ PLM (EPA/600/R-93/116) ☐ PLM (EPA Point Count) ☐ PLM (EPA Gravimetry) ☐ TEM Bulk

METALS	Det. Limit	Matrix		RCRA Metals		Other Metals
☒ Total Metals ☐ TCLP	☒ ppm (AAS) ☐ ppb (GFAA)	☐ Air Filter ☐ Drinking water ☐ Dust/wipe ☐ Soil	☒ Paint Chips ☐ Paint Chips (Area) ☐ Waste Water	☐ Arsenic (As) ☐ Barium (Ba) ☐ Cadmium (Cd) ☐ Chromium (Cr)	☐ All 8 ☒ Lead (Pb) ☐ Mercury (Hg) ☐ Selenium (Se) ☐ Silver (Ag)	☐ All 3 ☐ Copper (Cu) ☐ Nickel (Ni) ☐ Zinc (Zn)

☐ **Other Types of Analysis** ☐ Fiberglass ☐ Silica ☐ Nuisance Dust ☐ Respirable Dust ☐ Other (Specify)

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		PC-M-01	Orange Paint on structural steel	
2		PC-M-02	Red on steel beam	
3		PC-M-03	White on plaster walls	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Rogue Reyes		Fulcrum	5/2/22	
Relinquished by	Rogue Reyes		Fulcrum	5/4/22	
Received by	Kelly Allen		NVL	5/5/22	1045 AM
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

June 17, 2022

Ryan Mathews
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

NVL Batch # 2208501.01

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <paint>
Item Code: FAA-02

Client Project: 223507
Location: Inlow Hall 2nd Floor

Dear Mr. Mathews,

NVL Labs received 5 sample(s) for the said project on 5/5/2022. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

Analysis Report

Total Lead (Pb)

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Ryan Mathews
Project Location: Inlow Hall 2nd Floor

Batch #: 2208501.01
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 223507
Date Received: 5/5/2022
Samples Received: 5
Samples Analyzed: 5

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
22354122	PC-2F-01	0.1975	51	5200	0.52
22354123	PC-2F-02	0.0811	120	3700	0.37
22354124	PC-2F-03	0.1853	54	1700	0.17
22354125	PC-2F-04	0.1910	52	5400	0.54
22354126	PC-2F-05	0.1889	53	< 53	<0.0053

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel
Date Analyzed: 05/10/2022
Date Issued: 06/17/2022

Shalini Patel, Manager Metals Lab

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
RL = Reporting Limit
'<' = Below the reporting Limit
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2022-0510-04
FAA-02

LEAD LABORATORY SERVICES

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208501.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Ryan Mathews	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	rmathews@efulcrum.net
Cell	(509) 728-2424	**Fax**	(509) 575-8453

Project Name/Number: 223507 **Project Location:** Inlow Hall 2nd Floor

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 5 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354122	PC-2F-01		A
2	22354123	PC-2F-02		A
3	22354124	PC-2F-03		A
4	22354125	PC-2F-04		A
5	22354126	PC-2F-05		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Yasuyuki Hida		NVL	5/10/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 2:09 PM
Entered By: Kelly AuVu

2208501

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg.Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

NVL LABS

Client Fulcrum Environmental Consulting, Inc.
Street 406 N. 2nd St.
Yakima, WA. 98901

Project Manager Ryan Mathews
Project Location Inlow Hall 2nd Floor

NVL Batch Number _____
Client Job Number 22350-1
Total Samples 5
Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days ☐ 2-Hrs ☐ 2 Days ☒ 5 Days ☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs
Email address rogue.reyes@fulcrum.net

Phone: 509 594.5534 **Fax:** _____ Home _____

☐ **Asbestos Air** ☐ PCM (NIOSH 7400) ☐ TEM (NIOSH 7402) ☐ TEM (AHERA) ☐ TEM (EPA Level II) ☐ Other _____

☐ **Asbestos Bulk** ☐ PLM (EPA/600/R-93/116) ☐ PLM (EPA Point Count) ☐ PLM (EPA Gravimetry) ☐ TEM Bulk

METALS	Det. Limit	Matrix		RCRA Metals		Other Metals
☒ Total Metals ☐ TCLP	☒ ppm (AAS) ☐ ppb (GFAA)	☐ Air Filter ☐ Drinking water ☐ Dust/wipe ☐ Soil	☒ Paint Chips ☐ Paint Chips (Area) ☐ Waste Water	☐ Arsenic (As) ☐ Barium (Ba) ☐ Cadmium (Cd) ☐ Chromium (Cr)	☒ All 8 ☒ Lead (Pb) ☐ Mercury (Hg) ☐ Selenium (Se) ☐ Silver (Ag)	☐ All 3 ☐ Copper (Cu) ☐ Nickel (Ni) ☐ Zinc (Zn)

☐ **Other Types of Analysis** ☐ Fiberglass ☐ Silica ☐ Nuisance Dust ☐ Respirable Dust ☐ Other (Specify) _____

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		PC-2F-01	White on plaster wall	
2		PC-2F-02	Red on metal door frame	
3		PC-2F-03	White on wood [illegible]	
4		PC-2F-04	Tan on plaster wall	
5		PC-2F-05	Tan on GWB wall	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Rogue Reyes	[signature]	Fulcrum	5/2/22	
Relinquished by	Rogue Reyes	[signature]	Fulcrum	5/4/22	
Received by	[illegible]	[signature]	NVL	5/5/22	1045AM
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

June 17, 2022

Ryan Mathews
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

NVL Batch # 2208499.01

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <paint>
Item Code: FAA-02

Client Project: 223507
Location: Inlow Hall 1st Floor

Dear Mr. Mathews,

NVL Labs received 3 sample(s) for the said project on 5/5/2022. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Lead (Pb)

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: **Mr. Ryan Mathews**
Project Location: Inlow Hall 1st Floor

Batch #: 2208499.01
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 223507
Date Received: 5/5/2022
Samples Received: 3
Samples Analyzed: 3

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
22354114	PC-1F-01	0.0238	210	230	0.023
22354115	PC-1F-02	0.1963	51	1200	0.12
22354116	PC-1F-03	0.1942	51	92	0.0092

Comments: Small sample size (<0.05g) for PC-1F-01.

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel
Date Analyzed: 05/09/2022
Date Issued: 06/17/2022

Shalini Patel, Manager Metals Lab

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
RL = Reporting Limit
'<' = Below the reporting Limit
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2022-0509-04
FAA-02

LEAD LABORATORY SERVICES

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208499.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Ryan Mathews	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	rmathews@efulcrum.net
Cell	(509) 728-2424	**Fax**	(509) 575-8453

Project Name/Number: 223507 **Project Location:** Inlow Hall 1st Floor

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 3 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354114	PC-1F-01		A
2	22354115	PC-1F-02		A
3	22354116	PC-1F-03		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Yasuyuki Hida		NVL	5/9/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 1:58 PM
Entered By: Kelly AuVu

2208499

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg.Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

NVL LABS

Client Fulcrum Environmental Consulting, Inc.
Street 406 N. 2nd St.
Yakima, WA 98901

Project Manager Ryan Mathews
Project Location Inlow Hall 1st Floor

NVL Batch Number
Client Job Number 223507
Total Samples 3
Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days ☐ 2-Hrs ☐ 2 Days ☒ 5 Days ☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs
Email address [illegible]

Phone: [illegible] **Fax:** Home

☐ **Asbestos Air** ☐ PCM (NIOSH 7400) ☐ TEM (NIOSH 7402) ☐ TEM (AHERA) ☐ TEM (EPA Level II) ☐ Other

☐ **Asbestos Bulk** ☐ PLM (EPA/600/R-93/116) ☐ PLM (EPA Point Count) ☐ PLM (EPA Gravimetry) ☐ TEM Bulk

METALS	Det. Limit	Matrix		RCRA Metals		Other Metals
☒ Total Metals	☒ ppm (AAS)	☐ Air Filter	☒ Paint Chips	☐ Arsenic (As)	☐ All 8	☐ All 3
☐ TCLP	☐ ppb (GFAA)	☐ Drinking water	☐ Paint Chips (Area)	☐ Barium (Ba)	☒ Lead (Pb)	☐ Copper (Cu)
		☐ Dust/wipe	☐ Waste Water	☐ Cadmium (Cd)	☐ Mercury (Hg)	☐ Nickel (Ni)
		☐ Soil		☐ Chromium (Cr)	☐ Selenium (Se)	☐ Zinc (Zn)
					☐ Silver (Ag)	

☐ **Other Types of Analysis** ☐ Fiberglass ☐ Nuisance Dust ☐ Other (Specify) ☐ Silica ☐ Respirable Dust

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		PC-1F-01	white on GWB wall	
2		PC-1F-02	Grey over multiple layers on wood floor	
3		PC-1F-03	Grey over multiple layers on [illegible] window	
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Roque Reyes	[signature]	Fulcrum	5/2/22	
Relinquished by	Roque Reyes	[signature]	Fulcrum	5/4/22	
Received by	Kellington	[signature]	NVL	5/5/22	1045
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

June 17, 2022

Ryan Mathews
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

NVL Batch # 2208503.01

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <paint>
Item Code: FAA-02

Client Project: 223507
Location: Inlow Hall Basement

Dear Mr. Mathews,

NVL Labs received 5 sample(s) for the said project on 5/5/2022. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Lead (Pb)

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Ryan Mathews
Project Location: Inlow Hall Basement

Batch #: 2208503.01
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 223507
Date Received: 5/5/2022
Samples Received: 5
Samples Analyzed: 5

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
22354133	PC-BT-01	0.2096	48	460	0.046
22354134	PC-BT-02	0.1872	53	900	0.090
22354135	PC-BT-03	0.0732	140	16000	1.6
22354136	PC-BT-04	0.2040	49	340	0.034
22354137	PC-BT-05	0.1991	50	< 50	<0.0050

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel
Date Analyzed: 05/09/2022
Date Issued: 06/17/2022

Shalini Patel, Manager Metals Lab

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
RL = Reporting Limit
'<' = Below the reporting Limit
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2022-0509-04
FAA-02

LEAD LABORATORY SERVICES

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208503.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Ryan Mathews	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	rmathews@efulcrum.net
Cell	(509) 728-2424	**Fax**	(509) 575-8453

Project Name/Number: 223507 **Project Location:** Inlow Hall Basement

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 5 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354133	PC-BT-01		A
2	22354134	PC-BT-02		A
3	22354135	PC-BT-03		A
4	22354136	PC-BT-04		A
5	22354137	PC-BT-05		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Yasuyuki Hida		NVL	5/9/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 2:15 PM
Entered By: Kelly AuVu

2208503

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg.Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

NVL LABS

Client Fulcrum Environmental Consulting, Inc.
Street 406 N. 2nd St.
Yakima, WA 98901

Project Manager Ryan Mathews
Project Location Inlow Hall Basement

NVL Batch Number
Client Job Number 2235-07
Total Samples 5
Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days ☐ 2-Hrs ☐ 2 Days ☒ 5 Days ☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs
Email address [illegible]

Phone: 509 574 0599 **Fax:** **Home**

☐ **Asbestos Air** ☐ PCM (NIOSH 7400) ☐ TEM (NIOSH 7402) ☐ TEM (AHERA) ☐ TEM (EPA Level II) ☐ Other

☐ **Asbestos Bulk** ☐ PLM (EPA/600/R-93/116) ☐ PLM (EPA Point Count) ☐ PLM (EPA Gravimetry) ☐ TEM Bulk

METALS	Det. Limit	Matrix		RCRA Metals		Other Metals
☒ Total Metals ☐ TCLP	☒ ppm (AAS) ☐ ppb (GFAA)	☐ Air Filter ☐ Drinking water ☐ Dust/wipe ☐ Soil	☒ Paint Chips ☐ Paint Chips (Area) ☐ Waste Water	☐ Arsenic (As) ☐ Barium (Ba) ☐ Cadmium (Cd) ☐ Chromium (Cr)	☐ All 8 ☒ Lead (Pb) ☐ Mercury (Hg) ☐ Selenium (Se) ☐ Silver (Ag)	☐ All 3 ☐ Copper (Cu) ☐ Nickel (Ni) ☐ Zinc (Zn)

☐ **Other Types of Analysis** ☐ Fiberglass ☐ Nuisance Dust ☐ Other (Specify) ☐ Silica ☐ Respirable Dust

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		PC-BT-01	white on [illegible] wall	
2		PC-BT-02	[illegible] on [illegible] wall	
3		PC-BT-03	[illegible] on [illegible]	
4		PC-BT-04	white on plaster wall	
5		PC-BT-05	[illegible] on [illegible] wall	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Roque Reyes	[signature]	Fulcrum	5/3/22	
Relinquished by	Roque Reyes	[signature]	Fulcrum	5/4/22	
Received by	Kuntzan	[signature]	NVL	5/5/22	1045
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

June 17, 2022

Ryan Mathews
Fulcrum Environmental Consulting - Yakima
406 N. 2nd Street
Yakima, WA 98901

NVL Batch # 2208502.01

RE: Total Metal Analysis
Method: EPA 7000B Lead by FAA <paint>
Item Code: FAA-02

Client Project: 223507
Location: Inlow Hall Exterior

Dear Mr. Mathews,

NVL Labs received 6 sample(s) for the said project on 5/5/2022. Preparation of these samples was conducted following protocol outlined in EPA 3051/7000B , unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with EPA 7000B Lead by FAA <paint>. The results are usually expressed in mg/Kg and percentage (%). Test results are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more detail.

At NVL Labs all analyses are performed under strict guidelines of the Quality Assurance Program. This report is considered highly confidential and will not be released without your approval. Samples are archived after two weeks from the analysis date. Please feel free to contact us at 206-547-0100, in case you have any questions or concerns.

Sincerely,

Shalini Patel, Manager Metals Lab

Enc.: Sample results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Lead (Pb)

Client: Fulcrum Environmental Consulting - Yakima
Address: 406 N. 2nd Street
Yakima, WA 98901

Attention: Mr. Ryan Mathews
Project Location: Inlow Hall Exterior

Batch #: 2208502.01
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 223507
Date Received: 5/5/2022
Samples Received: 6
Samples Analyzed: 6

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
22354127	PC-E-01	0.1860	54	26000	2.6
22354128	PC-E-02	0.1972	51	300000	30
22354129	PC-E-03	0.1879	53	300000	30
22354130	PC-E-04	0.1851	54	120	0.012
22354131	PC-E-05	0.2003	50	120000	12
22354132	PC-E-06	0.1993	50	83000	8.3

Sampled by: Client
Analyzed by: Yasuyuki Hida
Reviewed by: Shalini Patel
Date Analyzed: 05/09/2022
Date Issued: 06/17/2022

Shalini Patel, Manager Metals Lab

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
RL = Reporting Limit
'<' = Below the reporting Limit
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

Bench Run No: 2022-0509-04
FAA-02

LEAD LABORATORY SERVICES

Company	Fulcrum Environmental Consulting - Yakima	**NVL Batch Number**	**2208502.00**
Address	406 N. 2nd Street Yakima, WA 98901	**TAT** 5 Days	**AH** No
		Rush TAT	
Project Manager	Mr. Ryan Mathews	**Due Date** 5/12/2022	**Time** 10:45 AM
Phone	(509) 574-0839	**Email**	rmathews@efulcrum.net
Cell	(509) 728-2424	**Fax**	(509) 575-8453

Project Name/Number: 223507 **Project Location:** Inlow Hall Exterior

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 6 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	22354127	PC-E-01		A
2	22354128	PC-E-02		A
3	22354129	PC-E-03		A
4	22354130	PC-E-04		A
5	22354131	PC-E-05		A
6	22354132	PC-E-06		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	UPS				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Kelly AuVu		NVL	5/5/22	1045
Analyzed by	Yasuyuki Hida		NVL	5/9/22	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 5/5/2022
Time: 2:13 PM
Entered By: Kelly AuVu

2208502

NVL Laboratories, Inc.
4708 Aurora Ave N, Seattle, WA 98103
Tel: 206.547.0100 Emerg.Pager: 206.344.1878
Fax: 206.634.1936 1.888.NVL.LABS (685.5227)

CHAIN of CUSTODY SAMPLE LOG

NVL LABS

Client Fulcrum Environmental Consulting, Inc.
Street 406 N. 2nd St.
Yakima, WA. 98901

Project Manager Ryan Mathews
Project Location Inlow Hall Exterior

NVL Batch Number
Client Job Number 223507
Total Samples 6
Turn Around Time ☐ 1-Hr ☐ 24-Hrs ☐ 4 Days ☐ 2-Hrs ☐ 2 Days ☒ 5 Days ☐ 4-Hrs ☐ 3 Days ☐ 6 to 10 Days
Please call for TAT less than 24 Hrs
Email address rogue.reyes@fulcrumenv

Phone: 509.574.0837 **Fax:** **Home**

☐ **Asbestos Air** ☐ PCM (NIOSH 7400) ☐ TEM (NIOSH 7402) ☐ TEM (AHERA) ☐ TEM (EPA Level II) ☐ Other
☐ **Asbestos Bulk** ☐ PLM (EPA/600/R-93/116) ☐ PLM (EPA Point Count) ☐ PLM (EPA Gravimetry) ☐ TEM Bulk

METALS	Det. Limit	Matrix	RCRA Metals		Other Metals
☒ Total Metals ☐ TCLP	☒ ppm (AAS) ☐ ppb (GFAA)	☐ Air Filter ☐ Drinking water ☐ Dust/wipe ☐ Soil ☒ Paint Chips ☐ Paint Chips (Area) ☐ Waste Water	☐ Arsenic (As) ☐ Barium (Ba) ☐ Cadmium (Cd) ☐ Chromium (Cr)	☐ All 8 ☒ Lead (Pb) ☐ Mercury (Hg) ☐ Selenium (Se) ☐ Silver (Ag)	☐ All 3 ☐ Copper (Cu) ☐ Nickel (Ni) ☐ Zinc (Zn)

☐ **Other Types of Analysis** ☐ Fiberglass ☐ Silica ☐ Nuisance Dust ☐ Respirable Dust ☐ Other (Specify)

Condition of Package: ☐ Good ☐ Damaged (no spillage) ☐ Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments	A/R
1		PC-E-01	Black on exterior wood window, second floor	
2		PC-E-02	Black on exterior wood window, first floor	
3		PC-E-03	Black on exterior wood window, basement	
4		PC-E-04	Tan on exterior stucco	
5		PC-E-05	White on west exterior basement wood door	
6		PC-E-06	Gray on wood window basement east	
7				
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	Rogue Reyes		Fulcrum	5/3/22	
Relinquished by	Rogue Reyes		Fulcrum	5/4/22	
Received by	Kelly Allen		NVL	5/5/22	1040 CWP
Analyzed by					
Results Called by					
Results Faxed by					

Special Instructions: Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.

APPENDIX E

PCB Analytical Results

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Fulcrum Environmental
Ryan Mathews
406 N. 2nd Street
Yakima, WA 98901

RE: EOU Inlow Hall
Work Order Number: 2205164

May 12, 2022

Attention Ryan Mathews:

Fremont Analytical, Inc. received 12 sample(s) on 5/6/2022 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

Date: *05/12/2022*

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall
Work Order: 2205164

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2205164-001	PCB-001	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-002	PCB-002	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-003	PCB-003	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-004	PCB-004	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-005	PCB-005	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-006	PCB-006	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-007	PCB-007	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-008	PCB-008	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-009	PCB-009	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-010	PCB-010	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-011	PCB-011	05/03/2022 12:00 PM	05/06/2022 10:35 AM
2205164-012	PCB-012	05/03/2022 12:00 PM	05/06/2022 10:35 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-001A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-002A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-003A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-004A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-005A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-006A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-008A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-009A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-010A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-011A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-012A) required Acid Cleanup Procedure (Using Method No 3665A).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-001A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-002A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-003A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-004A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-005A) required Florisil Cleanup Procedure (Using Method No 3620C).

CLIENT: Fulcrum Environmental

Project: EOU Inlow Hall

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-006A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-007A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-008A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-009A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-010A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-011A) required Florisil Cleanup Procedure (Using Method No 3620C).
Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2205164-012A) required Florisil Cleanup Procedure (Using Method No 3620C).

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
DUP - Sample Duplicate
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MCL - Maximum Contaminant Level
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
REP - Sample Replicate
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-001 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-001** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1221	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1232	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1242	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1248	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1254	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1260	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1262	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Aroclor 1268	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Total PCBs	ND	0.909		mg/Kg	1	5/10/2022 4:00:07 PM
Surr: Decachlorobiphenyl	105	10.2 - 168		%Rec	1	5/10/2022 4:00:07 PM
Surr: Tetrachloro-m-xylene	96.0	17.8 - 172		%Rec	1	5/10/2022 4:00:07 PM

Lab ID: 2205164-002 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-002** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1221	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1232	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1242	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1248	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1254	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1260	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1262	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Aroclor 1268	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Total PCBs	ND	1.00		mg/Kg	1	5/10/2022 4:09:54 PM
Surr: Decachlorobiphenyl	106	10.2 - 168		%Rec	1	5/10/2022 4:09:54 PM
Surr: Tetrachloro-m-xylene	88.5	17.8 - 172		%Rec	1	5/10/2022 4:09:54 PM

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-003 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-003** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1221	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1232	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1242	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1248	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1254	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1260	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1262	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Aroclor 1268	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Total PCBs	ND	0.847		mg/Kg	1	5/10/2022 4:19:42 PM
Surr: Decachlorobiphenyl	108	10.2 - 168		%Rec	1	5/10/2022 4:19:42 PM
Surr: Tetrachloro-m-xylene	100	17.8 - 172		%Rec	1	5/10/2022 4:19:42 PM

Lab ID: 2205164-004 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-004** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1221	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1232	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1242	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1248	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1254	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1260	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1262	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Aroclor 1268	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Total PCBs	ND	0.980		mg/Kg	1	5/10/2022 4:29:25 PM
Surr: Decachlorobiphenyl	105	10.2 - 168		%Rec	1	5/10/2022 4:29:25 PM
Surr: Tetrachloro-m-xylene	86.3	17.8 - 172		%Rec	1	5/10/2022 4:29:25 PM

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-005 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-005** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1221	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1232	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1242	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1248	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1254	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1260	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1262	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Aroclor 1268	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Total PCBs	ND	0.847		mg/Kg	1	5/10/2022 4:39:12 PM
Surr: Decachlorobiphenyl	111	10.2 - 168		%Rec	1	5/10/2022 4:39:12 PM
Surr: Tetrachloro-m-xylene	94.2	17.8 - 172		%Rec	1	5/10/2022 4:39:12 PM

Lab ID: 2205164-006 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-006** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1221	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1232	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1242	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1248	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1254	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1260	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1262	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Aroclor 1268	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Total PCBs	ND	0.794		mg/Kg	1	5/10/2022 4:48:56 PM
Surr: Decachlorobiphenyl	115	10.2 - 168		%Rec	1	5/10/2022 4:48:56 PM
Surr: Tetrachloro-m-xylene	92.2	17.8 - 172		%Rec	1	5/10/2022 4:48:56 PM

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-007 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-007** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1221	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1232	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1242	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1248	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1254	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1260	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1262	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Aroclor 1268	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Total PCBs	ND	2.38		mg/Kg	1	5/10/2022 4:58:42 PM
Surr: Decachlorobiphenyl	115	10.2 - 168		%Rec	1	5/10/2022 4:58:42 PM
Surr: Tetrachloro-m-xylene	98.7	17.8 - 172		%Rec	1	5/10/2022 4:58:42 PM

Lab ID: 2205164-008 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-008** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1221	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1232	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1242	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1248	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1254	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1260	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1262	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Aroclor 1268	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Total PCBs	ND	10.0		mg/Kg	1	5/10/2022 5:08:26 PM
Surr: Decachlorobiphenyl	117	10.2 - 168		%Rec	1	5/10/2022 5:08:26 PM
Surr: Tetrachloro-m-xylene	94.7	17.8 - 172		%Rec	1	5/10/2022 5:08:26 PM

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-009 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-009** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1221	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1232	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1242	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1248	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1254	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1260	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1262	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Aroclor 1268	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Total PCBs	ND	3.33		mg/Kg	1	5/10/2022 5:18:13 PM
Surr: Decachlorobiphenyl	118	10.2 - 168		%Rec	1	5/10/2022 5:18:13 PM
Surr: Tetrachloro-m-xylene	94.6	17.8 - 172		%Rec	1	5/10/2022 5:18:13 PM

Lab ID: 2205164-010 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-010** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1221	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1232	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1242	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1248	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1254	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1260	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1262	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Aroclor 1268	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Total PCBs	ND	2.00		mg/Kg	1	5/10/2022 5:27:57 PM
Surr: Decachlorobiphenyl	118	10.2 - 168		%Rec	1	5/10/2022 5:27:57 PM
Surr: Tetrachloro-m-xylene	94.0	17.8 - 172		%Rec	1	5/10/2022 5:27:57 PM

Analytical Report

Work Order: **2205164**
Date Reported: **5/12/2022**

CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

Lab ID: 2205164-011 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-011** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1221	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1232	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1242	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1248	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1254	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1260	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1262	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Aroclor 1268	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Total PCBs	ND	1.67		mg/Kg	1	5/10/2022 5:37:44 PM
Surr: Decachlorobiphenyl	118	10.2 - 168		%Rec	1	5/10/2022 5:37:44 PM
Surr: Tetrachloro-m-xylene	93.9	17.8 - 172		%Rec	1	5/10/2022 5:37:44 PM

Lab ID: 2205164-012 **Collection Date:** 5/3/2022 12:00:00 PM
Client Sample ID: **PCB-012** **Matrix:** Solid

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Polychlorinated Biphenyls (PCB) by EPA 8082				Batch ID: 36366		Analyst: OK
Aroclor 1016	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1221	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1232	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1242	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1248	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1254	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1260	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1262	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Aroclor 1268	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Total PCBs	ND	1.67		mg/Kg	1	5/10/2022 5:47:29 PM
Surr: Decachlorobiphenyl	119	10.2 - 168		%Rec	1	5/10/2022 5:47:29 PM
Surr: Tetrachloro-m-xylene	95.9	17.8 - 172		%Rec	1	5/10/2022 5:47:29 PM

Date: *5/12/2022*

Work Order: 2205164
CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **MB-36366** SampType: **MBLK** Units: **mg/Kg** Prep Date: **5/9/2022** RunNo: **75305**
Client ID: **MBLKS** Batch ID: **36366** Analysis Date: **5/10/2022** SeqNo: **1544925**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	241		200.0		121	10.2	168				
Surr: Tetrachloro-m-xylene	205		200.0		103	17.8	172				

Sample ID: **LCS-36366** SampType: **LCS** Units: **mg/Kg** Prep Date: **5/9/2022** RunNo: **75305**
Client ID: **LCSS** Batch ID: **36366** Analysis Date: **5/10/2022** SeqNo: **1544926**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.886	0.0500	1.000	0	88.6	64.1	142				
Aroclor 1260	0.930	0.0500	1.000	0	93.0	62.4	145				
Surr: Decachlorobiphenyl	238		200.0		119	10.2	168				
Surr: Tetrachloro-m-xylene	200		200.0		100	17.8	172				

Sample ID: **LCSD-36366** SampType: **LCSD** Units: **mg/Kg** Prep Date: **5/9/2022** RunNo: **75305**
Client ID: **LCSS02** Batch ID: **36366** Analysis Date: **5/10/2022** SeqNo: **1544927**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.843	0.0500	1.000	0	84.3	64.1	142	0.8858	4.95	20	
Aroclor 1260	0.864	0.0500	1.000	0	86.4	62.4	145	0.9303	7.41	20	
Surr: Decachlorobiphenyl	211		200.0		106	10.2	168		0		

Date: *5/12/2022*

Work Order: 2205164
CLIENT: Fulcrum Environmental
Project: EOU Inlow Hall

QC SUMMARY REPORT

Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: **LCSD-36366** SampType: **LCSD** Units: **mg/Kg** Prep Date: **5/9/2022** RunNo: **75305**
Client ID: **LCSS02** Batch ID: **36366** Analysis Date: **5/10/2022** SeqNo: **1544927**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	185		200.0		92.5	17.8	172		0		

Sample Log-In Check List

Client Name:	FE	Work Order Number:	2205164
Logged by:	Clare Griggs	Date Received:	5/6/2022 10:35:00 AM

Chain of Custody

		Yes	No	Not Present
1.	Is Chain of Custody complete?	☑	☐	☐
2.	How was the sample delivered?	UPS		

Log In

		Yes	No	NA
3.	Coolers are present?	☑	☐	☐
4.	Shipping container/cooler in good condition?	☑	☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	☐	☐	Not Present ☑
6.	Was an attempt made to cool the samples?	☑	☐	☐
7.	Were all items received at a temperature of >2°C to 6°C *	☑	☐	☐
8.	Sample(s) in proper container(s)?	☑	☐	
9.	Sufficient sample volume for indicated test(s)?	☑	☐	
10.	Are samples properly preserved?	☑	☐	
11.	Was preservative added to bottles?	☐	☑	☐
12.	Is there headspace in the VOA vials?	☐	☐	☑
13.	Did all samples containers arrive in good condition(unbroken)?	☑	☐	
14.	Does paperwork match bottle labels?	☑	☐	
15.	Are matrices correctly identified on Chain of Custody?	☑	☐	
16.	Is it clear what analyses were requested?	☑	☐	
17.	Were all holding times able to be met?	☑	☐	

Special Handling (if applicable)

		Yes	No	NA
18.	Was client notified of all discrepancies with this order?	☐	☐	☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

Item #	Temp ºC
Sample	5.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 05/04/22 | Page: 1 of: 2 | Laboratory Project No (internal): 2205164

Project Name: EOU Inlow Hall

Project No: 233507.00

Collected by: Roque Reyes

Location: Inlow Hall

Report To (PM): Ryan Mathews

PM Email: rmathews@efulcrum.net

Client: Fulcrum Environmental Consulting

Address: 406 North 2nd Street

City, State, Zip: Yakima, Washington 98901

Telephone: 509.574.0839

Fax:

Special Remarks:

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)					Comments
1	PCB-001	05/03/22	12:00	B									✓									Light gray caulk, staircase
2	PCB-002	05/03/22	12:00	B									✓									Light gray caulk, staircase
3	PCB-003	05/03/22	12:00	B									✓									Light gray caulk, staircase
4	PCB-004	05/03/22	12:00	B									✓									Dark gray hard caulk, staircase
5	PCB-005	05/03/22	12:00	B									✓									Dark gray hard caulk, staircase
6	PCB-006	05/03/22	12:00	B									✓									Dark gray hard caulk, staircase
7	PCB-007	05/03/22	12:00	B									✓									Tan hard caulk, Main entrance exterior
8	PCB-008	05/03/22	12:00	B									✓									Tan hard caulk, Main entrance exterior
9	PCB-009	05/03/22	12:00	B									✓									Tan hard caulk, Main entrance exterior
10	PCB-010	05/03/22	12:00	B									✓									Tan door putty, South ext. door

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): Individual:

***Anions (Circle): ☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ O-Phosphate ☐ Fluoride ☐ Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ☐ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/5/22 3:00	x Alana Krafl	516122 10:35
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 05/04/22 Page: 2 of: 2

Laboratory Project No (internal): 2205164

Project Name: EOU Inlow Hall

Special Remarks:

Client: Fulcrum Environmental Consulting

Project No: 233507.00

Address: 406 North 2nd Street

Collected by: Roque Reyes

City, State, Zip: Yakima, Washington 98901

Location: Inlow Hall

Telephone: 509.574.0839

Report To (PM): Ryan Mathews

Sample Disposal: ☐ Return to client ☒ Disposal by lab (after 30 days)

Fax:

PM Email: rmathews@efulcrum.net

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX/BTEX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)					Comments
1	PCB-011	05/03/22	12:00	B									✓									Tan door putty, South ext. door
2	PCB-012	05/03/22	12:00	B									✓									Tan door putty, South ext. door
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): Individual:

***Anions (Circle): ☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ O-Phosphate ☐ Fluoride ☐ Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day ☐ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	5/5/22 3:00	x	
Relinquished	Date/Time	Received	Date/Time
x		x	