March 31, 2021

Fannin County Board of Commissioners
Attn: Commission Chairman James V. Hensley, II
400 West Main Street
Blue Ridge, GA 30513

RE: Hazardous Materials Survey
Former Whitepath Fab Tech Facility
118 Industrial Blvd.
Blue Ridge, Fannin County, Georgia
Contour Project No: E21FAN:01

Dear Chairman Hensley,

Contour Engineering, LLC (Contour) has completed the authorized Hazardous Materials Survey for the above referenced property.

If you have any questions regarding this report or if we may be of further service to you, please contact the undersigned at (770) 794-0266.

Sincerely,
CONTOUR ENGINEERING, LLC

Kenneth Moore
Senior Scientist

Kevin W. McGowan
Vice President

Enclosure: Hazardous Materials Survey

Hazardous Materials Survey
Former Whitepath Fab Tech Facility
118 Industrial Blvd.
Blue Ridge, Fannin County, Georgia

Contour Project No: E21FAN01

Prepared For:

Fannin County Board of Commissioners
400 West Main Street
Blue Ridge, Georgia 30513

Prepared By:

CONTOUR ENGINEERING, LLC
1955 Vaughn Road
Suite 101
Kennesaw, Georgia 30144

MARCH 31, 2021

Executive Summary

Contour Engineering, LLC (Contour) conducted a hazardous materials survey on the former Whitepath Fab Tech facility located at 118 Industrial Boulevard Blue Ridge, Georgia. The hazardous materials survey included an investigation for asbestos containing materials (ACM), lead based paint (LBP), and visual mold. The investigation was conducted for potential future renovation.

The purpose of this survey was to identify and sample suspect ACM, LBP, and mold and provide information regarding the identity, location, and condition on the structure.

The survey was conducted on March 17th, 2021, by a State of Georgia certified asbestos inspector in general accordance with the sampling protocols established in Environmental Protection Agency (EPA) 40 Code of Federal Regulations (CFR) 763.

ACM Investigation

The field portion of our work included a visual inspection and the collection of bulk samples from suspect ACM on the structures. The EPA and Occupational Safety and Health Administration (OSHA) define ACM as any material that contains greater than 1% asbestos. Eighty-nine (89) bulk asbestos samples were collected with 106 samples or layers tested from 55 homogeneous areas (HAs) of suspect ACM from the structures. **The following ACM were identified**:

- Vinyl Composition Floor Tile
- Floor Tile Mastic
- Remnant Flashing
- Roof Coating
- Remnant Parapet
- Remnant Roof
- Flashing

Contour recommends that the identified ACM be removed and disposed of by a Georgia Environmental Protection Agency (GA EPD)-licensed asbestos abatement contractor prior to the renovation activity that would disturb the ACM identified.

It should be noted that suspect materials, other than those identified during the March 2021 survey may exist within the structures. Should suspect materials other than those which were identified during this survey be uncovered prior to or during the renovation process, those materials should be assumed asbestos-containing until sampling and analysis can confirm or deny their asbestos content.

LBP Investigation

Housing and Urban Development (HUD) and the EPA define lead-based paint as a paint or other surface coating which contains lead equal to or greater than 0.5% by weight. Twenty-three (23) sample locations were submitted for laboratory analysis from the interior of the structure. **Lead based paint was identified in the following location**s:

- Paint on wood door to shop
- Paint on metal door to the basement
- Paint on structural beam on wall (yellow)
- Paint on structural support in warehouse (yellow & gray)

The Code of Federal Regulations (41CFR 101-42.001) defines lead containing paint (LCP) as paint with lead at concentrations >0.06%. The screening results indicated the presence of lead containing paint in two (2) of the samples. **The following test locations were lead containing paint:**

- Pink paint on CMU (concrete masonry unit) walls
- White paint on the front interior CMU Walls

OSHA does not define LBP on lead content. Any detectible lead in paint makes it lead paint for purposes of complying with OSHA regulations to determine worker exposure per Federal OSHA Regulations at 29 CFR 1926.62, "Lead in Construction" standards. Consequently, for purposes of this study, LCP is considered detectible lead. Accordingly, the contractor must do the following if disturbing the paint by grinding, scraping, or sanding that has the potential to cause LCP to become airborne:

- Conduct initial Exposure Assessment of all workplaces and operations where LCP will be disturbed to determine whether an employee may be exposed to lead at or above the action level (30 $\mu g/m^3$) calculated as an 8 hour time-weighted average.
- Personnel involved in LBP or LCP must be monitored and directed by a Competent Person who will determine appropriate compliance controls and procedures.

In addition, the EPA and GA EPD regulate the LBP and LCP waste stream resulting from abatement and renovation activities, requiring TCLP analysis prior to disposal to determine the hazard class of the waste prior to disposal.

It should be noted that suspect materials, other than those identified during the March 2021 survey may exist within the buildings. Should suspect materials other than those which were identified during this survey be uncovered prior to or during the abatement or renovation process, those materials should be assumed LBP or ACM until sampling and analysis can confirm or deny their content.

Mold Investigation

The EPA and OSHA identify mold as a fungi found throughout our environment indoors and outdoors year round. When elevated levels of moisture are present, mold will likely grow and potentially release toxic spores having negative effects on human health. During the inspection of the structure, the presence of mold was observed on the wallboard materials in the front offices and on carpet and carpet glue in the engineering offices. The source of the moisture in the entrance and the offices is related to roof and window leaks. Water leakage was visible during the site inspection with standing water in several locations in the warehouse from the roof leaking. Also noted was staining on ceiling tiles, floors, and walls throughout the building.

Contour recommends that remediation of the mold impacted areas should follow the Environmental Protection Agency (EPA), Office of Air and Radiation, Indoor Environments Division, Mold Remediation in Schools and Commercial Buildings guidelines to protect the health of building occupants and remediation workers. These recommendations are applicable if the materials are to remain in the structure after the renovation. This may include the CMU walls and wall studs. If the renovation plan includes removal of the nonstructural mold impacted materials, those materials can be handled with the asbestos abatement with worker personal protection and negative air enclosures. Prior to reoccupying or beginning to renovate the structure, Contour recommends that visual and air clearances for mold is conducted.

Mold may be present in additional areas behind walls, cove base, or under carpet. During remediation, interior wall cavities and areas behind wall coverings and cove base should be inspected for additional mold.

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Acronyms and Abbreviations

ACM	Asbestos Containing Material
AHERA	Asbestos Hazard Emergency Response Act
CFR	Code of Federal Regulations
f/cc	Fibers Per Cubic Centimeter of Air
EPA	U.S. Environmental Protection Agency
GA EPD	Georgia Environmental Protection Division
HA	Homogenous Areas
LBP	Lead Based Paint
NESHAP	National Emission Standards for Hazardous Air Pollutants
NVLAP	National Voluntary Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PLM	Polarized Light Microscopy
RACM	Regulated Asbestos Containing Material

SECTION 1.0

Introduction

Contour conducted a hazardous materials survey on the former Whitepath Fab Tech facility located at 118 Industrial Boulevard Blue Ridge, Georgia. The survey was conducted on March 17th, 2021 by an Asbestos Hazard Emergency Response Act (AHERA) certified asbestos inspector in general accordance with our proposal. Building components were surveyed and homogeneous areas (HAs) of suspect ACM were visually identified and documented. Although reasonable effort was made to survey accessible suspect materials, additional suspect but un-sampled materials could be located in walls, in voids or in other concealed areas. Suspect ACM samples were collected in general accordance with the sampling protocols outlined in the Environmental Protection Agency (EPA) regulation 40 Code of Federal Regulations (CFR), Part 61, Subpart M, National Emissions Standards for Hazardous Air Pollutants (NESHAPs). Suspect ACM and LBP samples were delivered to an accredited laboratory for analysis by Polarized Light Microscopy (PLM) and EPA Method SW-846 3050/6010/7420 for total lead.

We understand this asbestos survey was requested to identify and sample suspect ACM and LBP and provide information regarding the identity, location, and condition of ACM and LBP in the interior and exterior building components. EPA regulation 40 CFR 61, Subpart M, NESHAP, prohibits the release of asbestos fibers to the atmosphere during renovation or demolition activities.

SECTION 2.0

Building Descriptions

The survey area consisted of the interior and exterior of the former Whitepath Fab Tech building and associated outbuildings. The main building is one story with a small storage basement area on the southern end of the building. The main building is constructed of concrete masonry units (CMU) blocks, brick, and metal frame with sheet metal siding. The roof is a membrane roof system with some metal roofing on expansions. The interior is finished with wallboard and joint compound and exposed CMU walls, exposed roof deck and drop acoustic tile ceilings, and concrete, vinyl composite tile, and carpet floor coverings. The basement is unfinished.

Two additional buildings are located on the property, a well house shed and a two-story storage building located on the southern portion of the property. The well house is wood framed with wood siding and a pitched asphalt shingle roof. The storage shed is also wood framed with wood siding and a metal roof system.

SECTION 3.0

Field Activities

The survey was conducted by Kenneth Moore, an AHERA asbestos inspector. The survey was conducted in general accordance with the sample collection protocols established in EPA regulation 40 CFR, Part 61, Subpart M, NESHAP. A summary of survey activities is provided below.

3.1 Visual Assessment-Asbestos

Our survey activities began with visual observation of the areas specified by the client and in accordance with renovation of the structure to identify HAs of suspect ACM. An HA consists of building materials that appear similar throughout in terms of color, texture, and date of application. The survey was conducted throughout visually accessible areas. Building materials identified as glass, wood, masonry, metal, or rubber were not considered suspect ACM.

3.2 Visual Assessment-Lead Based Paint

Based on results of the visual observation, paint chip samples of suspect LBP were collected in general accordance with EPA protocols. Random samples of suspect materials were collected in each HA. Twenty-three (23) paint chip samples of suspect LBP were collected from the structure.

3.3 Visual Assessment-Mold

Our survey activities included an inspection of visible suspect microbial growth (SMG) on surfaces exposed during the survey or client designated areas. Interior components visible by nondestructive means were inspected for the presence of SMG. No EPA or State of Georgia regulations have been established for inspection protocols. Photographic documentation of visually identified mold was performed.

3.4 Physical Assessment-Asbestos

A physical assessment of each HA of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.5 Sample Collection-Asbestos

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with NESHAP sampling protocols. Random samples of suspect materials were collected in each HA. Sample team members collected bulk samples using wet methods as applicable to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker. Eighty-nine (89) bulk asbestos samples were collected with 106 samples or layers tested from 55 HAs of suspect ACM from the structures.

3.6 Sample Collection-Lead Based Paint

Based on results of the visual observation, paint chip samples of suspect LBP were collected in general accordance with EPA protocols. Random samples of suspect materials were collected in each HA. Twenty-three (23) paint chip samples of suspect LBP were collected from the structure.

3.7 Sample Analysis-Asbestos

Suspect ACM samples were delivered under proper chain of custody to Hayes Microbial Consulting (Hayes) of Midlothian, Virginia for analysis by PLM with dispersion staining techniques per EPA's Method for the Determination of Asbestos in Bulk Building Materials (600/R-93/116). The percentage of asbestos, where applicable, was determined by microscopic visual estimation. Hayes is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) Accreditation No. 500096-0.

3.8 Sample Analysis-Lead Based Paint

Random samples of suspect materials were collected in each HA. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker. The samples were transported to Hayes of Midlothian, Virginia and analyzed for lead by EPA Method SW-846 3050/6010/7420 for total lead by Schneider Laboratories Global, Inc. of Richmond, Virginia, a subcontracted lab. The American Industrial Hygiene Association (AIHA) through the Lead Proficiency Analytical Testing Program (EMPAT) accredits laboratories performing analysis of lead in environmental samples including paint, soil, dust wipes, composited wipes and air (AIHA Accreditation No. 100527).

SECTION 4.0

Regulatory Overview

4.1 Asbestos

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. It also requires the identification and classification of existing building materials prior to demolition or renovation activity. Under NESHAP, asbestos-containing building materials are classified as either friable, Category I non-friable or Category II non-friable ACM. Friable materials are those that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Category I non-friable ACM includes packings, gaskets, resilient floor coverings and asphalt roofing products containing more than 1% asbestos. Category II non-friable ACM are any materials other than Category I materials that contain more than 1% asbestos.

Friable ACM, Category I and Category II non-friable ACM which is in poor condition and has become friable or which will be subjected to drilling, sanding, grinding, cutting or abrading and which could be crushed or pulverized during anticipated renovation or demolition activities are considered regulated ACM (RACM). A memo issued by the Georgia Environmental Protection Division (GA EPD) clarifies that Category I non-friable ACM becomes RACM if it has become friable or it will be or has been subjected to sanding, grading, cutting, or abrading, whether by manual or mechanical means.

RACM must be removed prior to renovation or demolition activities which will disturb the materials. In the state of Georgia, asbestos activities are regulated by the GA EPD. The GA EPD requires that asbestos-related activities conducted in a public building be performed by personnel licensed by the GA EPD. The owner or operator must provide the GA EPD with written notification of planned removal activities at least 10 working days prior to the commencement of asbestos abatement activities. Asbestos abatement must be performed by GA EPD-licensed asbestos abatement contractors in accordance with a Project Design prepared by an GA EPD-licensed Asbestos Consultant.

The Occupational Safety and Health Administration (OSHA) Asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The OSHA standard requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter (f/cc) of air. The OSHA standard classifies construction and maintenance activities which could disturb ACM, and specifies work practices and precautions which employers must follow when engaging in each class of regulated work.

4.2 Lead Based Paint

The Occupational Safety and Health Administration (OSHA) regulates occupational exposures to asbestos and lead through the General Industry and Construction Industry asbestos standards (29 CFR 1910.1001 and 29 CFR 1926.1101), and the Respiratory Protection Standard (29 CFR 1910.134). These standards are designed to protect workers from asbestos or lead exposure through a series of requirements based on exposures above the permissible exposure limit (PEL). OSHA Regulations apply to all construction work where an employee may be occupationally exposed to lead, and therefore may be applicable to renovation or demolition projects involving paints with any concentration of lead. These requirements include:

- Assuming that certain building materials may contain asbestos and lead, and that buildings constructed prior to 1980 may contain ACM and LBP.
- Implementing medical surveillance, respiratory protection, and training programs that include medical examinations, provision of respiratory and personal protective equipment (PPE), and training of workers and supervisors for certain classes of work.
- Training persons who may be exposed to asbestos and lead during their work.

- Using specific types of respirators dependent on the asbestos concentrations being generated.
- For asbestos and lead related work activities work practices and equipment such as negative- pressure enclosures, wet methods, air filtration equipment, decontamination units, warning signs and labels, and waste containers.
- Collecting and analyzing air samples to evaluate potential worker exposures.
- Mandating contractor registration with and notification of asbestos or lead work to the local OSHA enforcement agency.
- Notifying occupants for projects covered by the standard.

It should be noted that a "Lead-Based Paint Inspection" is a survey to discover the existence of lead-based paint only, which is defined as paint or other coatings with lead levels of 1.0 milligrams per square centimeter (mg/cm^2) or 0.5%. There are many other building materials, which may contain lead in the average building. When conducting construction activities which disturb lead in any amount or create an exposure to workers, the employer is required to provide worker protection and conduct exposure assessments. All employers should consult Federal OSHA Regulations at 29 CFR 1926.62, "Lead in Construction" standards for complete requirements.

4.3 Mold

The Georgia Department of Public Health, Environmental Health Section serves as a resource for sharing educational information on Indoor Air Quality (IAQ) published by recognized professional associations, academic institutions and governmental organizations. IAQ is not a regulated program and the branch does not offer any specific services related to mold growth indoors. Mold inspections, testing or remediation practices have no enforceable state or federal standards.

Molds reproduce by means of tiny spores; the spores are invisible to the naked eye and float through outdoor and indoor air. Mold may begin growing indoors when mold spores land on surfaces that are wet. Molds produce allergens (substances that can cause allergic reactions), irritants, and in some cases, potentially toxic substances (mycotoxins). Inhaling or touching mold or mold spores may cause allergic reactions in sensitive individuals. Allergic responses include hay fever-type symptoms, such as sneezing, runny nose, red eyes, and skin rash (dermatitis).

No state or Federal regulations are present for the presence of visible mold on materials to be removed and/or disposed. In addition, no regulations are present for the airborne mold contaminants.

Although no regulations have been established, EPA does have guidelines for mold remediation in schools and commercial buildings (EPA 402-K-01-001). The measures are established to protect the health of the building occupants and remediation personnel. Using this document, individuals with little or no experience with mold remediation should be able to make a reasonable judgment as to whether the situation can be handled in-house.

The key approach to mold remediation is to first address the moisture problem then address the material that has mold growth. Clean and dry water damaged areas and remove any moldy building materials. Personal protective equipment (PPE) should be utilized during the removal of building materials with mold. PPE should include respirators, goggles, and gloves. During the removal of the building materials with mold, spores are potentially released and the object of the contractor should be to limit human exposure to the workers, building occupants, and surrounding residents. A mold abatement plan should be designed prior to initiation of work with these factors in place prior to remediation.

SECTION 5.0

Findings and Recommendations

5.1 Asbestos Containing Material

The EPA and OSHA define ACM as any material that contains greater than 1% asbestos. Eighty-nine (89) bulk asbestos samples were collected with 106 samples or layers tested from 55 HAs of suspect ACM from the structures. The following ACM were identified:

- Vinyl Composition Floor Tile
- Floor Tile Mastic
- Remnant Flashing
- Roof Coating
- Remnant Parapet
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- Flashing

Contour recommends that the identified ACM be removed and disposed of by a GA EPD-licensed asbestos abatement contractor prior to the renovation activity that would disturb the ACM identified.

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- Conduct initial Exposure Assessment of all workplaces and operations where LCP will be disturbed to determine whether an employee may be exposed to lead at or above the action level (30 $\mu g/m^3$) calculated as an 8 hour time-weighted average.

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5.3 Mold

The EPA and OSHA identify mold as a fungi found throughout our environment indoors and outdoors year round. When elevated levels of moisture are present, mold will likely grow and potentially release toxic spores having negative effects on human health. During the inspection of the structure, the presence of mold was observed on the wallboard materials in the front offices and on carpet and carpet glue in the engineering offices. The source of the moisture in the entrance and the offices is related to roof and window leaks. Water leakage was visible during the site inspection with standing water in several locations in the warehouse from the roof leaking. Also noted was staining on ceiling tiles, floors, and walls throughout the building.

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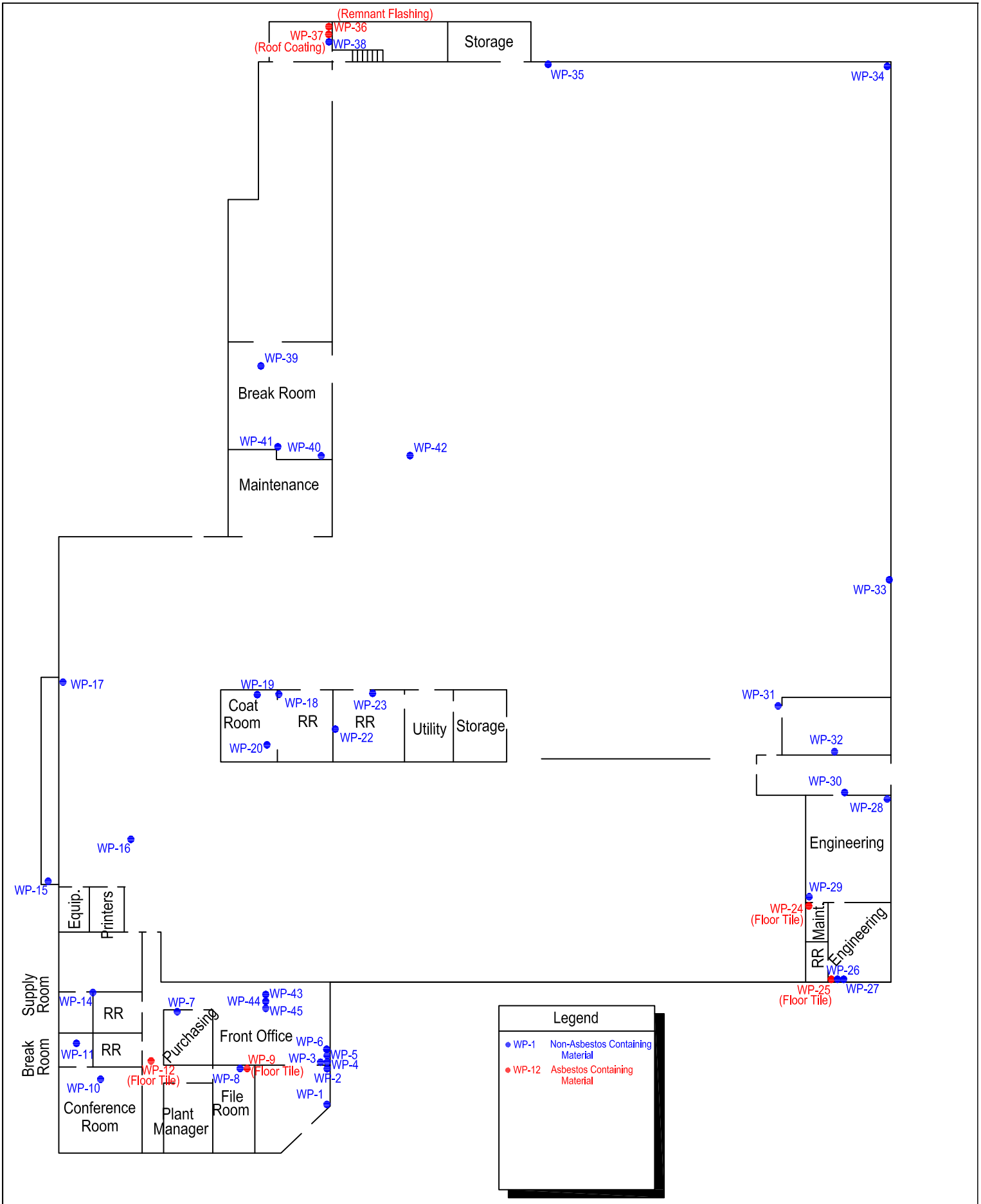
Mold may be present in additional areas behind walls, cove base, or under carpet. During remediation, interior wall cavities and areas behind wall coverings and cove base should be inspected for additional mold.

SECTION 6.0

General Comments

This hazardous materials survey was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the specified areas. The information contained in this report is relevant to the date on which this survey was performed, and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by the client for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Contour does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

Figures



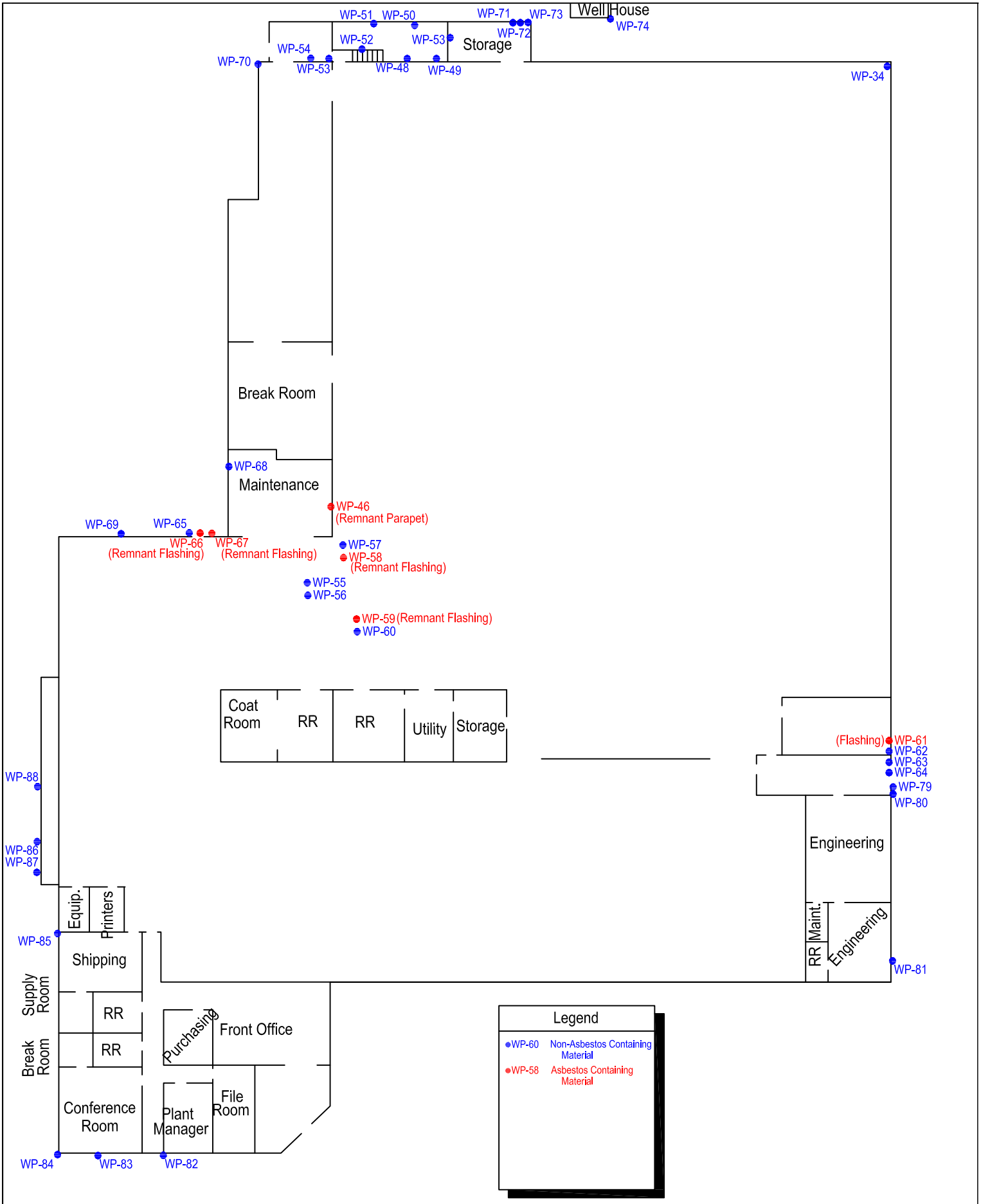
CONTOUR ENGINEERING

A Universal Engineering Sciences Company

Sampling Locations for Suspect ACM (Interior)

Former Whitepath Fab Tech
118 Industrial Blvd.
Blue Ridge, Georgia

Date	3/28/21
Prepared By:	KLM
Filename:	
Sheet No:	
Figure No:	1



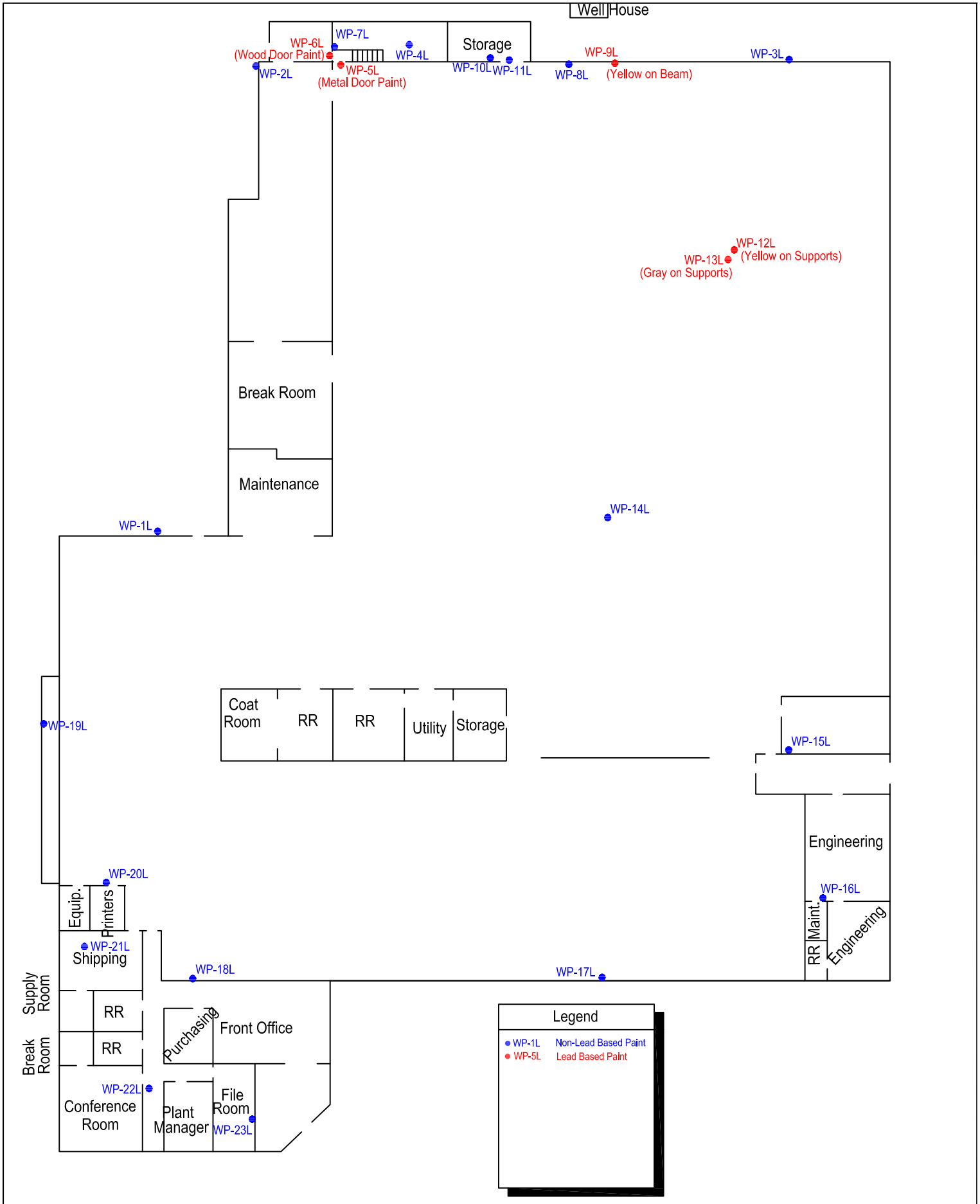
CONTOUR ENGINEERING

A Universal Engineering Sciences Company

Sampling Locations for Suspect ACM (Exterior & Roof)

Former Whitepath Fab Tech
118 Industrial Blvd.
Blue Ridge, Georgia

Date	3/28/21
Prepared By:	KLM
Filename:	
Sheet No:	
Figure No:	2



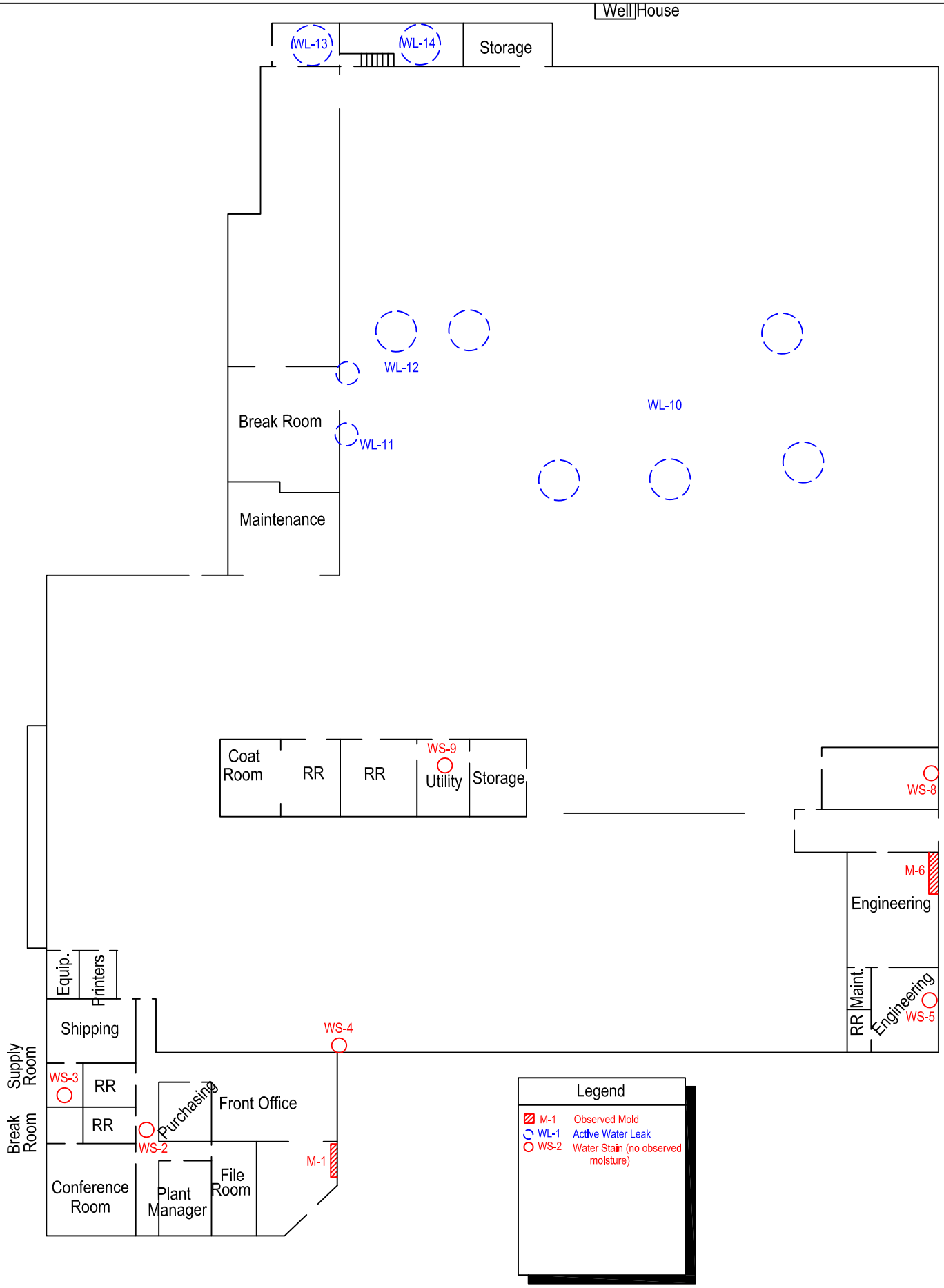
CONTOUR ENGINEERING

A Universal Engineering Sciences Company

Sampling Locations for Suspect LBP

Former Whitepath Fab Tech
118 Industrial Blvd.
Blue Ridge, Georgia

Date	3/28/21
Prepared By:	KLM
Filename:	
Sheet No:	
Figure No:	3



CONTOUR ENGINEERING

A Universal Engineering Sciences Company

Sampling Locations for Visible Mold/Moisture

Former Whitepath Fab Tech
118 Industrial Blvd.
Blue Ridge, Georgia

Date	3/28/21
Prepared By:	KLM
Filename:	
Sheet No:	
Figure No:	4

Tables

Table 1: Asbestos Containing Materials
Former Whitepath Fab Tech - 118 Industrial Blvd Blue Ridge, GA

Sample Number	Material Description	Lab Notes	EPA NESHAP Classification	Amount and Type of Asbestos	Photograph Number
WP-9	FTM/Carpet Glue	FT:2%;M:ND;CG:ND	Cat.1	2% Chrysotile	1
WP-12	FTM	FT:2%;M:ND	Cat.1	2% Chrysotile	2
WP-24	FTM/Carpet Glue	FT:ND;M:6%;CG:ND	Cat.1	6% Chrysotile	3
WP-25	FTM/Carpet Glue	FT:ND;M:4%;CG:ND	Cat.1	4% Chrysotile	4
WP-36	Remnant Flashing		Cat.1	2% Chrysotile	5
WP-37	Roof Coating		Cat.1	4% Chrysotile	
WP-46	Remnant Parapet		Cat.1	6% Chrysotile	6
WP-58	Remnant Flash		Cat.1	2% Chrysotile	7
WP-59	Remnant Roof		Cat.1	3% Chrysotile	8
WP-61	Flashing		Cat.1	3% Chrysotile	9
WP-66	Remnant Flash		Cat.1	2% Chrysotile	10
WP-67	Remnant Flash		Cat.1	2% Chrysotile	

CG = Carpet Glue
M = Mastic
FT = Floor Tile

Table 2: ACM Analytical Results
Former Whitepath Fab Tech - 118 Industrial Blvd Blue Ridge, GA

Sample Number	Material	Lab Notes	HA	Condition	Damage Potential	Friable (Y/N)	Asbestos Type-%	EPA NESHAP Category
WP-1	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-2	Mortar/Grout		3	Good	Low	N	NAO	NA
WP-3	FTM/Carpet Glue	FT:ND;M:ND;CG:ND	4,5,6	Good	Low	N	NAO	NA
WP-4	Cove Glue		7	Good	Low	N	NAO	NA
WP-5	CT		8	Good	Low	Y	NAO	NA
WP-6	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-7	Texture - Popcorn		9	Good	Low	Y	NAO	NA
WP-8	Texture - Popcorn		9	Good	Low	Y	NAO	NA
WP-9	FTM/Carpet Glue	FT:2%;M:ND;CG:ND	10,5,6	Good	Low	N	2% Chrysotile	Cat.1
WP-10	Texture - Popcorn		9	Good	Low	Y	NAO	NA
WP-11	FTM	FT:ND;M:ND	11,5	Good	Low	N	NAO	NA
WP-12	FTM	FT:2%;M:ND	10,5	Good	Low	N	2% Chrysotile	Cat.1
WP-14	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-15	Foam Insulation		12	Good	Low	Y	NAO	NA
WP-16	Expoxy Floor Filler		13	Good	Low	N	NAO	NA
WP-17	Sealant		14	Good	Low	N	NAO	NA
WP-18	Door Caulk		15	Good	Low	N	NAO	NA
WP-19	Tile Coating		16	Good	Low	N	NAO	NA
WP-20	CT		8	Good	Low	Y	NAO	NA
WP-21	Caulk/Fireproof		17	Good	Low	N	NAO	NA
WP-22	Window Glaze		18	Good	Low	N	NAO	NA
WP-23	Door Caulk		15	Good	Low	N	NAO	NA
WP-24	FTM/Carpet Glue	FT:ND;M:6%;CG:ND	19,20,6	Good	Low	N	6% Chrysotile	Cat.1
WP-25	FTM/Carpet Glue	FT:ND;M:4%;CG:ND	19,20,6	Good	Low	N	4% Chrysotile	Cat.1
WP-26	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-27	Cove Glue Only		7	Good	Low	N	NAO	NA
WP-28	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-29	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-30	Door Caulk		15	Good	Low	N	NAO	NA
WP-31	Door Caulk		15	Good	Low	N	NAO	NA
WP-32	FTM/Carpet Glue	FT:ND;M:ND;CG:ND	21,5,6	Good	Low	N	NAO	NA
WP-33	Window Caulk		22	Good	Low	N	NAO	NA
WP-34	HVAC Damper		23	Good	Low	N	NAO	NA
WP-35	Pen Caulk		24	Good	Low	N	NAO	NA
WP-36	Flashing		25	Good	Low	N	2% Chrysotile	Cat.1
WP-37	Roof Coating		26	Good	Low	N	4% Chrysotile	Cat.1
WP-38	Window Caulk		22	Good	Low	N	NAO	NA
WP-39	Floor Coat		27	Good	Low	N	NAO	NA
WP-40	WB/JC	WB:ND;JC:ND	1,2	Good	Low	Y	NAO	NA
WP-41	JC		2	Good	Low	Y	NAO	NA
WP-42	Floor Coat		28	Good	Low	N	NAO	NA
WP-43	HVAC Damper		23	Good	Low	N	NAO	NA
WP-44	Pipe Wrap Insulation		29	Good	Low	Y	NAO	NA
WP-45	HVAC Mastic		30	Good	Low	N	NAO	NA

Sample Number	Material	Lab Notes	HA	Condition	Damage Potential	Friable (Y/N)	Asbestos Type-%	EPA NESHAP Category
WP-46	Remnant Parapet		31	Good	Low	N	6% Chrysotile	Cat.1
WP-47	Chimney Caulk		32	Good	Low	N	NAO	NA
WP-48	Window Flashing		33	Good	Low	N	NAO	NA
WP-49	Window Caulk		22	Good	Low	N	NAO	NA
WP-50	Flashing		34	Good	Low	N	NAO	NA
WP-51	Rolled Roof		35	Good	Low	N	NAO	NA
WP-52	Roof Sealant		36	Good	Low	N	NAO	NA
WP-53	Brick Caulk		37	Good	Low	N	NAO	NA
WP-54	Membrane Caulk		38	Good	Low	N	NAO	NA
WP-55	Remnant Flashing		39	Good	Low	N	NAO	NA
WP-56	HVAC Caulk		40	Good	Low	N	NAO	NA
WP-57	Vent Caulk		41	Good	Low	N	NAO	NA
WP-58	Remnant Flashing		42	Good	Low	N	2% Chrysotile	Cat.1
WP-59	Remnant Roof		43	Good	Low	N	3% Chrysotile	Cat.1
WP-60	Parapet		44	Good	Low	N	NAO	NA
WP-61	Flashing		45	Good	Low	N	3% Chrysotile	Cat.1
WP-62	Stucco Caulk		46	Good	Low	N	NAO	NA
WP-63	Structure Caulk		47	Good	Low	N	NAO	NA
WP-64	Stucco		48	Good	Low	N	NAO	NA
WP-65	Repair Caulk		49	Good	Low	N	NAO	NA
WP-66	Remnant Flashing		42	Good	Low	N	2% Chrysotile	Cat.1
WP-67	Remnant Flashing		42	Good	Low	N	2% Chrysotile	Cat.1
WP-68	Window Caulk		22	Good	Low	N	NAO	NA
WP-69	Door Caulk		50	Good	Low	N	NAO	NA
WP-70	Repair Caulk		49	Good	Low	N	NAO	NA
WP-71	Texture		51	Good	Low	N	NAO	NA
WP-72	Texture		51	Good	Low	N	NAO	NA
WP-73	Texture		51	Good	Low	N	NAO	NA
WP-74	Shingle		42	Good	Low	N	NAO	NA
WP-75	HVAC Mastic		43	Good	Low	N	NAO	NA
WP-76	HVAC Damper		23	Good	Low	N	NAO	NA
WP-77	Stucco		48	Good	Low	N	NAO	NA
WP-78	HVAC Mastic		43	Good	Low	N	NAO	NA
WP-79	Door Caulk		50	Good	Low	N	NAO	NA
WP-80	Stucco		48	Good	Low	N	NAO	NA
WP-81	Window Caulk		22	Good	Low	N	NAO	NA
WP-82	Door Caulk		50	Good	Low	N	NAO	NA
WP-83	Gap Caulk		52	Good	Low	N	NAO	NA
WP-84	Stucco		48	Good	Low	N	NAO	NA
WP-85	HVAC Caulk		40	Good	Low	N	NAO	NA
WP-86	Concrete Coat		53	Good	Low	N	NAO	NA
WP-87	Concrete Coat		53	Good	Low	N	NAO	NA
WP-88	Pen Repair		54	Good	Low	N	NAO	NA
WP-89	Window Glaze		55	Good	Low	N	NAO	NA

WB = Wallboard
JC = Joint Compound
M = Mastic
FT = Floor Tile
CT = Ceiling Tile
CG = Carpet Glue
Pen = Penetration

Table 3: Lead Based Paint Sample Results
Former Whitepath Fab Tech - 118 Industrial Blvd Blue Ridge, GA

Sample ID	Component	Location	Results (% by weight)
WP-1L	Tan on CMU	CMU Wall	<0.00293
WP-2L	Pink on CMU	CMU Wall	0.0691
WP-3L	Tan on Brick	Brick Wall	<0.00307
WP-4L	Silver Paint in Basement	Basement	0.0583
WP-5L	**Metal Door paint**	**Warehouse Metal Door**	**2.4900**
WP-6L	**Wood Door paint**	**Warehouse Wood Door**	**0.9380**
WP-7L	Red on Brick	Brick Wall	0.0192
WP-8L	Yellow on CMU	CMU Wall	<0.00292
WP-9L	**Yellow on Metal Beam**	**Metal Beam**	**2.8200**
WP-10L	Peach Wood Door	Warehouse Wood Door	<0.0182
WP-11L	Gray on Floor & Walls	Warehouse Floor & Walls	<0.00333
WP-12L	**Yellow on Supports**	**Warehouse Support**	**1.8400**
WP-13L	**Gray on Supports**	**Warehouse Support**	**7.0600**
WP-14L	Silver on Drain Pipe	Warehouse Drain Pipe	0.0810
WP-15L	Peach on Wood Trim	Office Wood Trim	0.0084
WP-16L	Gray on Wood Door with Blue	Wood Door	0.0123
WP-17L	Yellow on CMU/Brick	CMU/Brick	<0.00314
WP-18L	Yellow on Wood Panel	Wood Panel	<0.00606
WP-19L	Tan on CMU	CMU Wall	<0.00298
WP-20L	Gray Floor Paint	Warehouse Floor	<0.00292
WP-21L	Pink on Paneling	Paneling	<0.00294
WP-22L	Tan Trim in Offices	Trim in Offices	<0.00672
WP-23L	Tan on Panel Walls	Office Panel Wall	<0.00329

CMU=Concrete masonry unit

All Samples in bold are Lead Based Paint

Table 4: Visual Mold & Moisture
Former Whitepath Fab Tech - 118 Industrial Blvd Blue Ridge, GA

Figure ID	Observation
M-1	Mold on window sill
WS-2	Water stain on ceiling tile
WS-3	Water stain on floor in water heater room
WS-4	Water stain on floor from roof leak
WS-5	Water stain on ceiling tile
M-6	Mold under carpet in engineering office
WS-7	Water stain on ceiling tile
WS-8	Water stain on ceiling tile
WS-9	Water stain on concrete masonry block
WL-10	Four (4) active leaks in warehouse/manufacturing area
WL-11	Water stain on ceilings tile with moisture on wood wall
WL-12	Active leaks along brick wall
WL-13	Water leaks in shop
WL-14	Flooded basement

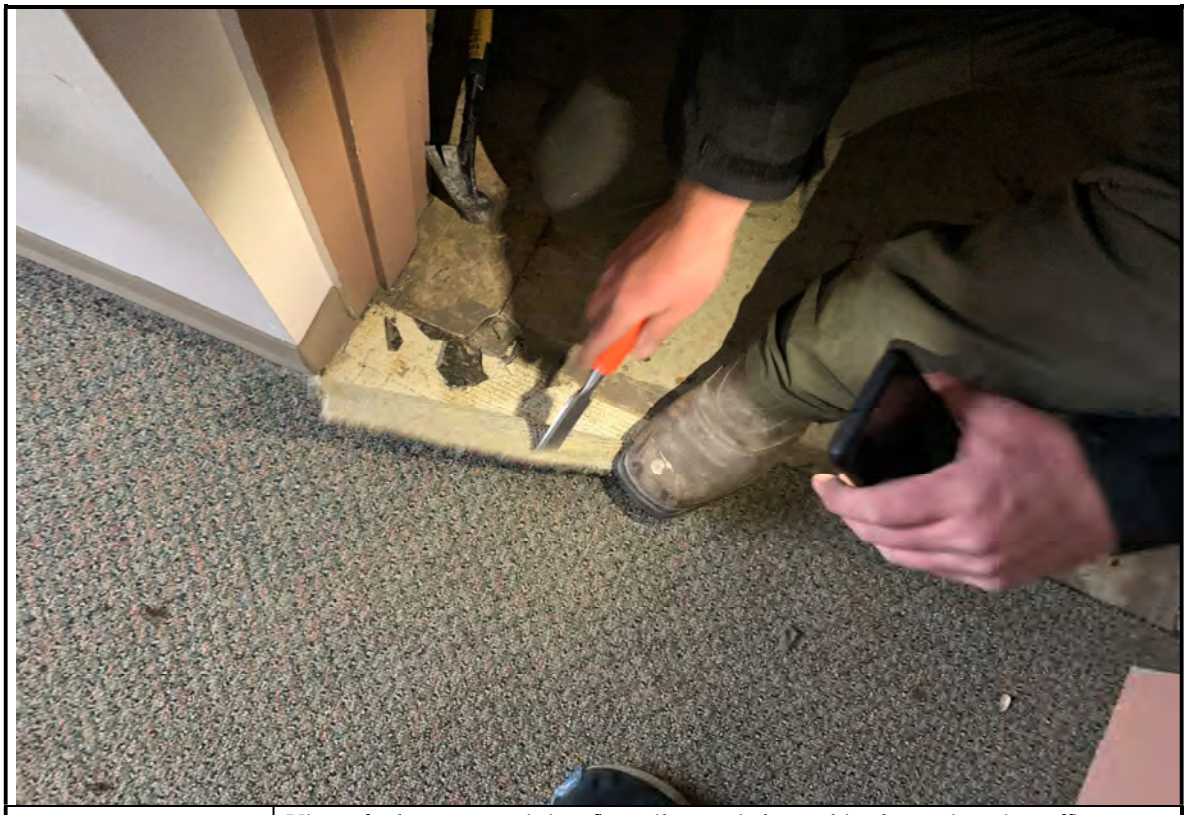
Appendix A
Photographic Log

Photograph: *1*	*View of asbestos containing floor tile located in the front office of the building (Sample WP-9).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *2*	*View of asbestos containing floor tile located in the front office hallway of the building (Sample WP-12).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*



Photograph: *3*	*View of asbestos containing floor tile mastic located in the engineering office (Sample WP-24).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *4*	*View of asbestos containing floor tile mastic located in the engineering office (Sample WP-25).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: 5	*View of asbestos containing remnant flashing and roof coating located in the facility shop (Samples WP-36 & WP-37).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: 6	*View of asbestos containing remnant parapet located on the roof (Sample WP-46).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: 7	*View of asbestos containing remnant flashing located on the HVAC duct on the roof (Sample WP-58).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: 8	*View of asbestos containing remnant roof located on the roof (Sample WP-59).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *9*	*View of asbestos containing flashing located on the back of the parking lot decorative parapet (Sample WP-61).*

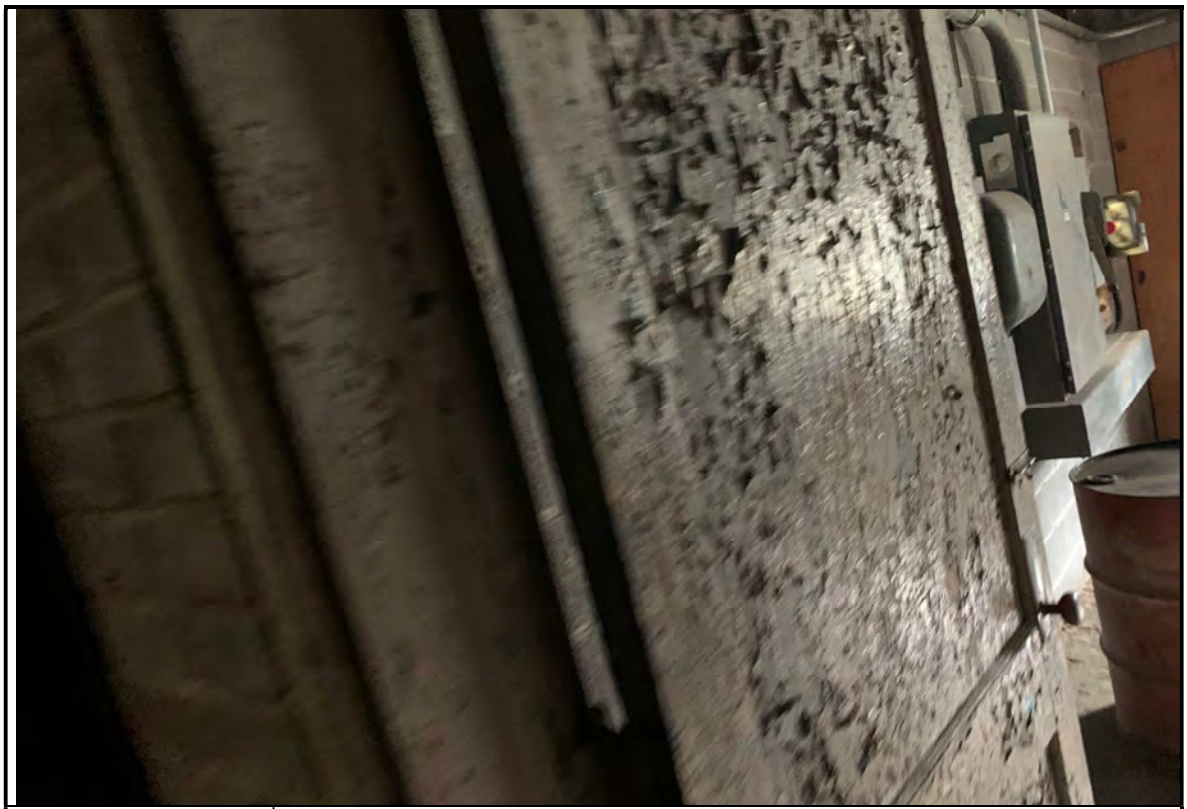
Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *10*	*View of asbestos containing remnant mastic top & bottom located on the exterior wall of the building (Samples WP-66 & WP-67).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *11*	*View of lead based paint on the metal door to the basement (Sample WP-5L).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*



Photograph: *12*	*View of lead based paint on the wood door of the shop (Sample WP-6L).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *13*	*View of lead based paint on the steel beam support (Sample WP-9L).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *14*	*View of asbestos containing paint on the steel support beam in the facility (gray and yellow) (Samples WP-12L & WP-13L).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *15*	*View of mold on joint compound in the facility office entrance (Location M-1).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Photograph: *16*	*View of mold on carpet/carpet glue located in the engineering office (Location M-5).*

Former Whitepath Fab Tech	CONTOUR ENGINEERING A Universal Engineering Sciences Company	*118 Industrial Blvd. Blue Ridge, GA*

Appendix B
Asbestos Laboratory Report

HAYES MICROBIAL CONSULTING

#21009580

Analysis Report prepared for

Contour Engineering

1955 Vaughn Road
Suite 101
Kennesaw, GA 30144

Phone: **(770) 653-4891**

Blue Ridge
White Path

Collected: **March 17, 2021**
Received: **March 22, 2021**
Reported: **March 25, 2021**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 89 samples by FedEx in good condition for this project on March 22nd, 2021.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC..

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

DPH License: #PH-0198

Kenneth Moore
Contour Engineering
1955 Vaughn Road Suite 101
Kennesaw, GA 30144
(770) 653-4891

Blue Ridge
White Path

#21009580

Asbestos PLM Bulk

EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
1	1 - WB / JC	Drywall / White	12% Cellulose Fibers	**None Detected**
		Joint Compound / Tan		**None Detected**
2	2 - Mortar / Grout	Mortar / Tan		**None Detected**
		Grout / White		**None Detected**
3	3 - FTM /Carpet Glue	Tile / Cream		**None Detected**
		Adhesive / Yellow		**None Detected**
4	4 - Cove Glue	Cove Base / Pink		**None Detected**
		Adhesive / White		**None Detected**
5	5 - CT	Ceiling Tile / Gray	25% Cellulose Fibers 5% Fiberglass	**None Detected**
6	6 - WB / JC	Drywall / White	10% Cellulose Fibers	**None Detected**
		Joint Compound / Cream		**None Detected**
7	7 - Texture - Popcorn	Texture / Gray/White		**None Detected**
8	8 - Texture - Popcorn	Popcorn Ceiling / White		**None Detected**
9	9 - FTM / Carpet Glue	Tile / Cream		2% Chrysotile
		Adhesive / Yellow		**None Detected**

Collected: **Mar 17, 2021** Received: **Mar 22, 2021** Reported: **Mar 25, 2021**

Project Analyst: Meivis Sanchez, Meivis Sánchez Date: **03 - 25 - 2021**

Reviewed By: Renaldo Drakes, Date: **03 - 25 - 2021**

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White Path

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Asbestos PLM Bulk
EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
10	10 - Texture - Popcorn	Popcorn Ceiling / White		**None Detected**
11	11 - FTM	Tile / Light Gray		**None Detected**
		Adhesive / Brown		**None Detected**
12	12 - FTM	Tile / Cream		**2% Chrysotile**
		Adhesive / Brown		**None Detected**
13	13 - Cove Glue Only **Lab Note:** Sample Bag Empty.			(Not Analyzed)
14	14 - WB / JC	Drywall / White	10% Cellulose Fibers	**None Detected**
		Joint Compound / White		**None Detected**
15	15 - Foam Inslation	Foam / Yellow		**None Detected**
16	16 - Floor Filler - Epoxy	Glass / Clear		**None Detected**
17	17 - Sealant	Bulk Material / Gray/Cream		**None Detected**
18	18 - Door Caulk	Glazing / Cream		**None Detected**
19	19 - Tile Coating	Bulk Material / Red		**None Detected**

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Asbestos PLM Bulk
EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
20	20 - CT	Ceiling Tile / Gray	20% Cellulose Fibers 5% Fiberglass	**None Detected**
21	21 - Caulk / Fireproof	Foam / Tan		**None Detected**
22	22 - Window Glaze	Glazing / Blue		**None Detected**
23	23 - Door Caulk	Caulk / White/Brown		**None Detected**
24	24 - FTM / Carpet Glue	Tile / Gray		**None Detected**
		Mastic / Black		**6% Chrysotile**
		Adhesive / Yellow		**None Detected**
25	25 - FTM / Carpet Glue	Tile / White		**None Detected**
		Mastic / Black		**4% Chrysotile**
26	26 - WB / JC	Drywall / White	12% Cellulose Fibers	**None Detected**
		Joint Compound / Cream		**None Detected**
27	27 - Cove Glue Only	Adhesive / Yellow		**None Detected**
28	28 - WB / JC	Drywall / White	10% Cellulose Fibers	**None Detected**
		Joint Compound / Cream		**None Detected**

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Asbestos PLM Bulk

EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
29	29 - WB / JC	Drywall / White	10% Cellulose Fibers	**None Detected**
		Joint Compound / Cream		**None Detected**
30	30 - Door Caulk	Caulk / White		**None Detected**
31	31 - Door Caulk	Caulk / Green		**None Detected**
32	32 - FTM / Carpet Glue	Tile / Tan		**None Detected**
		Adhesive / Yellow		**None Detected**
		Mastic / Black		**None Detected**
33	33 - Window Caulk	Caulk / Black		**None Detected**
34	34 - HVAC Damper	Bulk Material / Black	8% Fiberglass	**None Detected**
35	35 - Pen Caulk	Caulk / Black		**None Detected**
36	36 - Flashing	Bulk Material / Cream/Black		**2% Chrysotile**
37	37 - Roof Coat	Bulk Material / Black		**4% Chrysotile**
38	38 - Window Caulk	Caulk / Cream		**None Detected**
39	39 - Floor Coat	Bulk Material / Gray		**None Detected**

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Asbestos PLM Bulk
EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
40	40 - WB / JC	Drywall / White	10% Cellulose Fibers	**None Detected**
		Joint Compound / Cream		**None Detected**
41	41 - JC	Texture / White		**None Detected**
42	42 - Floor Coat	Bulk Material / Clear		**None Detected**
43	43 - HVAC Damper	Bulk Material / Black		**None Detected**
44	44 - Pipe Wrap Insulation	Bulk Material / Cream	60% Mineral/Glass wool	**None Detected**
45	45 - HVAC Mastic	Mastic / Black		**None Detected**
46	46 - Remnant Parapet	Bulk Material / Black		**6% Chrysotile**
47	47 - Chimney Caulk	Caulk / White		**None Detected**
48	48 - Window Flash	Bulk Material / Black/White		**None Detected**
49	49 - Window Caulk	Caulk / White		**None Detected**
50	50 - Flashing	Bulk Material / Black/White		**None Detected**
51	51 - Rolled Roof	Bulk Material / Black	8% Cellulose Fibers	**None Detected**
52	52 - Roof Sealant	Bulk Material / White		**None Detected**
53	53 - Brick Caulk	Caulk / White		**None Detected**

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Asbestos PLM Bulk
EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
54	54 - Membrane Caulk	Caulk / Cream		**None Detected**
55	55 - Remnant Flash	Bulk Material / Black	8% Cellulose Fibers	**None Detected**
56	56 - HVAC Caulk	Caulk / White		**None Detected**
57	57 - Vent Caulk	Caulk / Cream		**None Detected**
58	58 - Remnant Flash	Bulk Material / Black/White	4% Cellulose Fibers	**2% Chrysotile**
59	59 - Remnant Roof	Bulk Material / Black		**3% Chrysotile**
60	60 - Parapet	Bulk Material / White/Green		**None Detected**
61	61 - Flashing	Bulk Material / Black/Gray		**3% Chrysotile**
62	62 - Stucco Caulk	Bulk Material / White		**None Detected**
63	63 - Caulk - Structure	Caulk / Cream		**None Detected**
64	64 - Stucco	Stucco / Gray		**None Detected**
65	65 - Repair Caulk	Caulk / Cream		**None Detected**
66	66 - Remnant Flash	Bulk Material / Black/Cream		**2% Chrysotile**
67	67 - Remnant Flash	Bulk Material / Black/White		**2% Chrysotile**
68	68 - Window Caulk	Caulk / White		**None Detected**

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Asbestos PLM Bulk
EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
69	69 - Door Caulk	Caulk / Gray		**None Detected**
70	70 - Repair Caulk	Caulk / White		**None Detected**
71	71 - Texture	Texture / Gray		**None Detected**
72	72 - Texture	Texture / Gray		**None Detected**
73	73 - Texture	Texture / Gray		**None Detected**
74	74 - Shingle	Shingle / Black	8% Cellulose Fibers	**None Detected**
75	75 - HVAC Mastic	Bulk Material / Gray/Black	8% Cellulose Fibers	**None Detected**
76	76 - HVAC Dampet	Bulk Material / Black	8% Fiberglass	**None Detected**
77	77 - Stucco	Stucco / Gray	15% Fiberglass	**None Detected**
78	78 - HVAC Mastic	Bulk Material / Gray/White		**None Detected**
79	79 - Door Caulk	Caulk / Gray		**None Detected**
80	80 - Stucco	Stucco / Gray		**None Detected**
81	81 - Window Caulk	Caulk / Gray		**None Detected**
82	82 - Door Caulk	Caulk / Gray		**None Detected**
83	83 - Gap Caulk	Caulk / Gray		**None Detected**

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Asbestos PLM Bulk

EPA 600/R-93, M-4/82-020

#	Sample	Material Description	Non-Asbestos Fibers	Asbestos Fibers
84	84 - Stucco	Stucco / Gray		**None Detected**
85	85 - HVAC Caulk	Caulk / Gray/Red		**None Detected**
86	86 - Concrete Coat	Cementitious / Gray		**None Detected**
87	87 - Concrete Coat	Cementitious / Gray		**None Detected**
88	88 - Pen Repair **Lab Note:** Layer of Paint Observed.	Cementitious / Gray		**None Detected**
89	9580-89 - Window Glaze **Lab Note:** Sample #89, Not listed on COC.	Glazing / Gray		**None Detected**

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Blue Ridge
White Path

#21009580

Asbestos Analysis Information

Analysis Details	All samples were received in acceptable condition unless otherwise noted on the report. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA, NIST, NVLAP, NY ELAP, or any agency. The results relate only to the items tested. Hayes Microbial Consulting reserves the right to dispose of all samples after a period of 60 days in compliance with state and federal guidelines.
PLM Analysis	All Polarized Light Microscopy (PLM) results include an inherent uncertainty of measurement associated with estimating percentages by PLM. Materials with interfering matrix, low asbestos content, or small fiber size may require additional analysis via TEM Analysis.
TEM Analysis	Analysis by TEM is capable of providing positive identification of asbestos type(s) and semi-quantitation of asbestos content.
Definitions	'None Detected' - Below the detected reporting limit of 1% unless point counting is performed, then the detected reporting limit is .25%.
New York ELAP	Per NY ELAP198.6 (NOB), TEM is the only reliable method to declare an NOB material as Non-Asbestos Containing. Any NY ELAP samples that are subcontracted to another laboratory will display the name and ELAP Lab Identification number in the report page heading of those samples. The original report provided to Hayes Microbial Consulting is available upon request.

HAYES MICROBIAL CONSULTING

Contour Engineering
1955 Vaughn Road
Suite 101 Kennesaw, GA 30144

N

SHIP: FEDEX - PAK 50
DATE: 03-22-2021

8159 8141 4802

ASBESTOS

21009580

Job Number:	Job Name: Blue Ridge White Path
Collector: Kenneth Moore	Mobile: (770) 653-4891 Email: kmoore@contoureng.com
Date Collected: 3/17/21	Note:

Analysis Type		Analysis Methods	Turnaround Times					
PLM	Bulk	EPA 600	3 Hour	Same Day	1 Day	2 Day	3 Day	5 Day
	Point Count	400 Point, 1000 Point	3 Hour	Same Day	1 Day	2 Day	3 Day	5 Day
	Vermiculite	CARB 435	3 Hour	Same Day	1 Day	2 Day	3 Day	5 Day
TEM	Air	EPA AHERA, NIOSH 7402	-	Same Day	1 Day	2 Day	3 Day	5 Day
	Bulk	Chatfield	-	Same Day	1 Day	2 Day	3 Day	5 Day
	Wipe	ASTM D6480-05	-	Same Day	1 Day	2 Day	3 Day	5 Day
	Microvac	ASTM D5755-09	-	Same Day	1 Day	2 Day	3 Day	5 Day
PCM	Air	NIOSH 7400	-	Same Day	1 Day	2 Day	3 Day	5 Day

#	Group	Number	Sample Name	Analysis Type	Turnaround	Volume / Area	Stop (+)
1		1	~~Mortar/Grout~~ WB/JC				
2		2	~~FTM/Carpet Glue~~ Mortar/Grout				
3		3	FTM/Carpet Glue				
4		4	Cove Glue				
5		5	CT				
6		6	WB/JC				
7		7	Texture-Popcorn				
8		8	Texture-Popcorn				
9		9	FTM/Carpet Glue				
10		10	Texture-Popcorn				
11		11	FTM				
12		12	FTM				
13		13	Cove Glue only				
14		14	WB/JC				
15		15	Foam Insulation				
16		16	Floor filler-Epoxy				
17		17	Sealant				

Released by: KM BI Date: 3/18/21 Received By: KL Date: 3-22-21

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SHIP: FEDEX - PAK SO
DATE: 03-22-2021

8159 8141 4802

ASBESTOS

21009580

Sample #	Sample Identification/Locatio					
18	Door Caulk					
19	Tile Coating					
20	CT					
21	Caulk/Fireproof					
22	Window Glaze					
23	Door Caulk					
24	FTM/carpet Glue					
25	FTM/carpet Glue					
26	W3/JC					
27	Cove Glue Only					
28	W3/JC					
29	W3/JC					
30	Door Caulk					
31	Door Caulk					
32	FTM/ Carpet Glue					
33	window Caulk					
34	Hvac Damper					
35	Pen Caulk					
36	Flashing					
37	Roof Coat					
38	Window Caulk					
39	Floor Coat					
40	W3/JC					
41	JC					
42	Floor Coat					
43	Hvac Damper					
44	Pipe wrap Insulation					
45	Hvac Mastic					
46	Remnant Parapet					
47	Chimney Caulk					
48	Window Flash					
49	Window Caulk					
50	Flashing					
51	Rolled Roof					
52	Roof Sealant					
53	Brick Caulk					
54	Membrane Caulk					
55	Remnant Flash					
56	Hvac Caulk					
57	Vent Caulk					
58	Remnant Flash					
59	Remnant Roof					

Relinquished By	Date	Time	Relinquished By	Date	Time
	3/18/21			3.22	21

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SHIP: FEDEX - PAK SO
DATE: 03-22-2021

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ASBESTOS

21009580

Sample #	Sample Identification/Location
60	Parapet
61	Flashing
62	Stucco Caulk
63	Caulk - Structure
64	Stucco
65	Repair Caulk
66	Remnant Flash
67	Remnant Flash
68	Window Caulk
69	Door Caulk
70	Repair Caulk
71	Texture
72	Texture
73	Texture
74	Shingle
75	HVAC Mastic
76	HVAC Damper
77	Stucco
78	HVAC Mastic
79	Door Caulk
80	Stucco
81	Window Caulk
82	Door Caulk
83	Crop Caulk
84	Stucco
85	HVAC Caulk
86	Concrete Coat
87	Concrete Coat
88	Pen Repair

Relinquished By	Date	Time	Relinquished By	Date	Time
[signature]	3/18/21		[signature]	3/22/21	

BJ

Appendix C
Lead Based Paint Laboratory Report

HAYES MICROBIAL CONSULTING

#21009575

Analysis Report prepared for

Contour Engineering

1955 Vaughn Road
Suite 101
Kennesaw, GA 30144

Phone: **(770) 653-4891**

Blue Ridge
White Path Building

Collected: **March 17, 2021**
Received: **March 22, 2021**
Reported: **March 25, 2021**

We would like to thank you for trusting Hayes Microbial for your analytical needs!
We received 23 samples by FedEx in good condition for this project on March 22nd, 2021.

The results in this analysis pertain only to this job, collected on the stated date, and should not be used in the interpretation of any other job. This report may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC..

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial. In no event, shall Hayes Microbial or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of the use of these test results.

Steve Hayes, BSMT(ASCP)
Laboratory Director
Hayes Microbial Consulting, LLC.

EPA Laboratory ID: VA01419

Lab ID: #188863

DPH License: #PH-0198

Kenneth Moore
Contour Engineering
1955 Vaughn Road Suite 101
Kennesaw, GA 30144
(770) 653-4891

Blue Ridge
White Path Building

#21009575

Lead Bulk
EPA 7000B

#	Sample	Weight (mg)	Total Lead (ug)	Concentration (% by Weight)	Concentration (PPM)
1	1L - Tan on CMU	342	<10.0	<0.00293	<29.3
2	2L - Pink on CMU	345	238	0.0691	691
3	3L - Tan on Brick	326	<10.0	<0.00307	<30.7
4	4L - Silver Paint in Basement	349	204	0.0583	583
5	5L - Metal Door Paint	329	8210	2.49	24900
6	6L - Wood Door Paint	342	3210	0.938	9380
7	7L - Red on Brick	325	62.4	0.0192	192
8	8L - Yellow on CMU	343	<10.0	<0.00292	<29.2
9	9L - Yellow on Metal Beam	344	9720	2.82	28200
10	10L - Peach Wood Door	55.0	<10.0	<0.0182	<182
	Lab Note: Sample Weight Below Method Guidelines.				
11	11L - Gray on Floor & Walls	301	<10.0	<0.00333	<33.3
	Lab Note: Sample contains substrate which may affect the calculation of weight percent and mg/kg.				
12	12L - Yellow on Supports	347	6370	1.84	18400

Kenneth Moore
Contour Engineering
1955 Vaughn Road Suite 101
Kennesaw, GA 30144
(770) 653-4891

Blue Ridge
White Path Building

#21009575

Lead Bulk
EPA 7000B

#	Sample	Weight (mg)	Total Lead (ug)	Concentration (% by Weight)	Concentration (PPM)
13	13L - Gray on Supports	341	24100	7.06	70600
14	14L - Silver on Drain Pipe	326	264	0.0810	810
15	15L - Peach on Wood Trim	219	18.4	0.0084	84.0
16	16L - Gray on Wood Door wigh Blue	342	42.2	0.0123	123
17	17L - Yellow on CMU/Brick	319	<10.0	<0.00314	<31.4
18	18L - Yellow on Wood Panel **Lab Note:** Sample Weight Below Method Guidelines.	165	<10.0	<0.00606	<60.6
19	19L - Tan on CMU	336	<10.0	<0.00298	<29.8
20	20L - Gray Floor Paint	343	<10.0	<0.00292	<29.2
21	21L - Pink on Paneling	341	<10.0	<0.00294	<29.4
22	22L - Tan Trim in Offices **Lab Note:** Sample Weight Below Method Guidelines.	149	<10.0	<0.00672	<67.2
23	23L - Tan on Panel Walls	304	<10.0	<0.00329	<32.9

Kenneth Moore
Contour Engineering
1955 Vaughn Road Suite 101
Kennesaw, GA 30144
(770) 653-4891

Blue Ridge
White Path Building

#21009575

Lead Analysis Information

Lead in Air Analysis

The OSHA Action Level for Lead in Air is 30 ug/m^3. The OSHA Permissable Exposure Limit for an 8 Hour Time Weighted Average is 50ug/m^3. Sample Results denoted with a "less than" (<) symbol contain less than 2.00ug total lead, based on a 10mL volume.

Dust Wipe Lead Analysis

The regulatory guidelines for lead dust by wipe sampling are as follows:

Location	EPA Clearance Level	EPA Hazard Level	New York City DOHMH Standard
Floors (FL)	<40.0µg/ft^2	10.0µg/ft^2	10.0µg/ft^2
Interior Window Sills (SL)	<250.0µg/ft^2	100.0µg/ft^2	50.0µg/ft^2
Window Wells (WW)	<400.0µg/ft^2		100.0µg/ft^2

The Reporting Limit is 10.00µg Total Pb. Reported results are not corrected for field blanks. Dust wipe area and results are calculated based on area measurements determined by the client.

Paint Chip Lead Analysis

The HUD lead guidelines for lead paint chips are 0.50% by weight, 5000 ppm, or 1.0mg/cm^2. The Reporting Limit is 10µg Total Pb.

Water Lead Analysis

Minimum Reporting Limit: 0.2mg/L lead concentration. EPA Regulatory Limit: 5.0mg/L.

Soil Lead Analysis

The Federal lead guidelines for lead in soil is 400µg/g (ppm) in play areas, and 1200 µg/g (ppm) in bare soil in the remainder of the yard. The Reporting Limit is 10.0 µg Total Pb.

HAYES MICROBIAL CONSULTING

Company: Contour Engineering
Address:

N

SHIP: FEDEX - PAK SO
DATE: 03-22-2021

8159 8141 4802

METALS

21009575

Job Number:	Job Name: Blue Ridge White Path Building
Collector: Kenneth Moore	Mobile:
Date Collected: 3/17/21	Email:
	Note:

Analysis Type		Analysis Methods	Turnaround Times				
(Lead)	Air	NIOSH 7082	Same Day	1 Day	2 Day	(3 Day)	(5 Day)
	Wipe	EPA 7000B Wipe	Same Day	1 Day	2 Day	3 Day	5 Day
	(Paint)	(EPA 7000B Paint Chip)	Same Day	1 Day	2 Day	3 Day	5 Day
TCLP	Bulk	TCLP Analysis	-	1 Day	2 Day	3 Day	5 Day

#	Number	Name	Analysis Type	Volume/Area	Turnaround
1	1L	Tan on CMU			
2	2L	Pink on CMU			
3	3L	Tan on Brick			
4	4L	Silver on paint in Basement			
5	5L	Metal Door Paint			
6	6L	Wood Door paint			
7	7L	Red on Brick			
8	8L	Yellow on CMU			
9	9L	Yellow on Metal Beam			
10	10L	Peach wood Door			
11	11L	Grey on Floor + Walls			
12	12L	Yellow on Supports			
13	13L	Grey on Supports			
14	14L	Silver on Drain Pipe			
15	15L	Peach on wood trim			
16	16L	Grey on wood door with Blue			
17	17L	Yellow on CMU/Brick			
18	18L	Yellow on wood Panel			
19	19L	Tan on CMU			
20	20L	Grey Floor Paint			
21	21L	Pink on Paneling			

Released by:	Date: 3/18/21	Received By:	Date: 3-22-21

1L

Sample #	Sample Identification/Location	Volume or Area	Sample Date	Flow Rate	Start-Stop Time
22L	Tan Trim in Offices				
23L	Tan on Panel Walls				

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SHIP: FEDEX - PAK SO
DATE: 03-22-2021

8159 8141 4802

METALS

21009575

Relinquished By	Date	Time	Relinquished By	Date	Time
[illegible]	3/18/21		[illegible]	3-22-21	

Appendix D
Inspector Certification

Asbestos Consulting & Training Systems

900 N.W. 5TH Avenue, Fort Lauderdale, Florida 33311 (954) 524-7208

Processed By:

Seagull

To Authenticate Certificate
www.seagulltraining.com
1-800-966-9933

This is to Certify that

Kenneth L Moore

XXX-XX-8460

7265 Wingfield Way, Cumming, GA 30041

has successfully completed an English

Asbestos Building Inspection Refresher

13-Apr-20 TO 13-Apr-20

and has completed the requisite training for TSCA

Meets state requirements of FL49-0001020/CN-0006273 and UT (6.0 core).

NDAAC Provider #451 Trainer(s): James F. Stump

Training Address: 5891 New Peachtree Rd. Ste. 122 Doraville, GA. 30340

Successful course completion based on exam score on: 13-Apr-20

UNDER CIVIL AND CRIMINAL PENALTIES OF LAW FOR MAKING OR SUBMISSION OF FALSE OR FRAUDULENT STATEMENTS OR REPRESENTATIONS (18 U.S.C. 1001 AND 15 U.S.C 2615), I CERTIFY THAT THIS TRAINING COMPLIES WITH ALL APPLICABLE REQUIREMENTS OF TITLE IV OF THE TOXIC SUBSTANCE CONTROL ACT AND 40 CFR PART 745 OR ANY OTHER APPLICABLE FEDERAL, STATE, OR LOCAL REQUIREMENTS, AS AMENDED.

James F. Stump, Course Sponsor

This Certificate Expires:

13-Apr-21 04/13/21

Certificate Number: 183037

Course Number: GE2016