Former PNC Bank

3023 Dixie Highway

Edgewood, Kentucky 41018

February 14, 2022 Terracon Project No. N1227052



Prepared for: Ampler Development, LLC. Raleigh, North Carolina

Prepared by:

Terracon Consultants, Inc. 611 Lunken Park Drive Cincinnati, OH 45226



February 14, 2022

lerracon

Ampler Development, LLC 4700 Falls of Neuse Road, Suite 400 Raleigh, North Carolina 27609

- Attn: Ms. Amy Cannon Construction Coordinator Phone: (812) 989-8896 E-mail: acannon@amplergroup.com
- Re: Asbestos Survey Results Former PNC Bank 3023 Dixie Highway Edgewood, Kentucky 41018 Terracon Project No. N1227052

Dear Ms. Cannon:

Terracon Consultants, Inc. (Terracon) is pleased to submit the attached report for the abovereferenced site to Ampler Development, LLC (Client). The purpose of this report is to present the results of an asbestos survey which was performed at the site on February 9, 2022, and which was conducted in general accordance with our proposal number PN1227052, dated January 27, 2022. We understand that this survey was requested for the purpose of a planned demolition project regarding the former PNC Bank located at 3023 Dixie Highway in Edgewood, Kentucky.

Terracon appreciates the opportunity to provide this service Ampler Development LLC. (Client). If you have any questions regarding this report, please contact us at (513) 321-5816.

Sincerely, **Terracon Consultants, Inc.**

Joshn Vgh

Joshua Vogel Project Manager

Suph Azor

Joseph A. Tussey, CHMM Group Manager

Terracon Consultants, Inc. 611 Lunken Park Drive Cincinnati, OH 45226-1813 P (513) 321-5816 F (513) 321-0294 terracon.com



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Terracon

ASBESTOS SURVEY

Former PNC Bank 3023 Dixie Highway Edgewood, KY 41018 Terracon Project No. N1227052 February 14, 2022

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) conducted an asbestos survey of the former PNC Bank located at 3023 Dixie Highway in Edgewood, Kentucky. The survey was conducted at the site on February 9, 2022, by United States Environmental Protection Agency (USEPA) accredited and State of Kentucky Department of Environmental Protection (KDEP) - Division of Air Quality (DAQ) licensed asbestos management planners in general accordance with Terracon proposal number PN1227052, dated January 27, 2022.

The survey involved identifying accessible suspect asbestos-containing materials (ACM) associated with the interior and exterior of the building, and the collection of samples from those suspect materials for laboratory analysis using protocols established in USEPA 40 Code of Federal Regulations (CFR) Part 763 Subpart E, known as the Asbestos Hazard Emergency Response Act (AHERA). Collected samples were delivered to an accredited laboratory for analysis by Polarized Light Microscopy (PLM). Terracon collected a total of 64 bulk samples from 20 homogeneous areas of suspect ACM. Although reasonable effort was made to survey accessible suspect materials, additional suspect but un-sampled materials could be located within equipment, in walls, in voids, or in other concealed areas.

1.1 Project Objective

We understand that this survey was requested for the purpose of a future planned demolition project pertaining to the former PNC Bank (located at the above-referenced address). Please note that asbestos surveys are required prior to renovation or demolition activities to satisfy requirements of the USEPA 40 CFR Part 61, Subpart M, the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation and Kentucky Administrative Regulation (KAR) 401 58.025.

1.2 Reliance

This report is for the exclusive use of Ampler Development LLC. (Client) for the project being discussed. Reliance by any other party on this report is prohibited without written authorization of Terracon and the Client. Reliance on this report by the Client and all authorized parties will be

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subject to the terms, conditions, and limitations stated in the proposal, this report, and Terracon's Agreement for Services. The limitations of liability defined in Terracon's Agreement for Services is the aggregate limit of Terracon's liability to the Client.

2.0 FACILITY DESCRIPTION

The Former PNC Bank consists of an approximately 1,400 square foot building. The building is a one-story building with a basement. The exterior of the building consists of brick veneer walls, and a sloped metal roof. The age of the building is unknown to Terracon.

3.0 FIELD ACTIVITIES

The survey was conducted by Mr. Lem Weyer and Mr. Tyler Stenten, USEPA accredited and KDEP - DAQ licensed asbestos Management Planners. Copies of Mr. Weyer's and Mr. Stenten's asbestos credentials are attached in **Appendix D**. The survey was conducted in general accordance with the sample collection protocols established in USEPA 40 CFR Part 763, Subpart E, Section 763.86, known as AHERA. A summary of survey activities is provided below.

3.1 Visual Assessment

Survey activities were initiated with visual observation of the accessible interior and exterior areas of the building to identify homogeneous areas of suspect ACM. A homogeneous area (HA) consists of building materials that appear similar throughout in terms of color and texture with consideration given to the date of application.

3.2 Physical Assessment

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 USEPA 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.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with USEPA AHERA sampling protocols. Samples of suspect materials were collected from randomly selected locations in each homogeneous area. Bulk samples were collected 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.



The selection of sample locations and frequency of sampling were based on Terracon's observations and the assumption that like materials in the same area are homogeneous in content.

Terracon collected a total of 64 bulk samples from 20 homogeneous areas of suspect ACM. A summary of suspect ACM samples collected during the survey is included as **Appendix B**.

3.4 Sample Analysis

Bulk samples were submitted under chain of custody to Eurofins CEI, Inc. of Cary, North Carolina for analysis PLM with dispersion staining techniques per USEPA methodology 600/R-93/116. The percentage of asbestos, where applicable, was determined by microscopic visual estimation. When applicable for friable material samples determined by PLM to have a low asbestos content (<10%), the additional point count (PC) method (400 points) was utilized. Eurofins CEI Inc. is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), accreditation number 101768-0.

4.0 **REGULATORY OVERVIEW**

The asbestos NESHAP (40 CFR Part 61, Subpart M) regulates asbestos fiber emissions and asbestos waste disposal practices. The asbestos NESHAP regulation also requires the identification and classification of existing ACM according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. All friable ACM is considered regulated asbestos-containing material (RACM).

The asbestos NESHAP regulation classifies material subject to demolition or renovation as either RACM, Category I non-friable ACM, or Category II non-friable ACM. RACM includes all friable ACM (pre-disturbance), along with Category I non-friable ACM that becomes friable (during disturbance), and Category I non-friable ACM subject to sanding, grinding, cutting, or abrading, or Category II non-friable ACM with a high probability of becoming crumbled, pulverized, or reduced to powder by forces expected to act on the material during disturbance. Category I non-friable ACM are exclusively asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM are all other solve that contain more than 1% asbestos. Category II non-friable ACM are all other non-friable materials (other than Category I non-friable ACM) that contain more than 1% asbestos. Category II non-friable ACM generally include (but is not limited to) cementitious material such as cement pipes, cement siding (Transite™), cement panels, glazing, mortar, and grouts.

In Kentucky, the federal NESHAP regulation has been delegated to the state EPA and is administered under 401 Kentucky Administrative Regulation (KAR) 58:025. The Kentucky Department for Environmental Protection (DEP), Division for Air Quality (DAQ) is responsible for

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administering and enforcing the federal and state NESHAP regulations as well as administering accreditations for asbestos professionals. NESHAP pre-renovation and pre-demolition notifications (are sent to the regional state EPA office). NESHAP pre-renovation (where >160 square feet / 260 linear feet of friable ACM is removed) and pre-demolition notifications must be submitted to the DAQ office 10 business days prior to project commencement. The Kentucky local regional DAQ office for the subject site is the Florence Region; 8020 Veterans Memorial Drive, Suite 110, Florence, KY 41042; telephone (859-525-4157); contact Mr. Clay Redmond (clay.redmond@ky.gov). Further information regarding state regulations and prior abatement and prior demolition notifications can be found online at the following web address: https://eec.ky.gov/Environmental-Protection/Air/asbestos/Pages/default.aspx.

The United States Occupational Safety and Health Administration (USOSHA) asbestos standard for construction (29 CFR 1926.1101) regulates workplace exposure to asbestos. The USOSHA standard requires that employee exposure to airborne asbestos must not exceed 0.1 fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average (TWA) and not exceed 1.0 fibers per cubic centimeter of air (1.0 f/cc) over a 30-minute time period known as an excursion limit (EL). The TWA and EL are known as USOSHA's asbestos permissible exposure limits (PELs). The USOSHA 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.

5.0 FINDINGS AND RECOMMENDATIONS

Based on the analytical results for the collected samples, the material listed below was identified to contain asbestos.

Material	Material Location	% and Type	Condition / EPA NESHAP	Estimated
Description		Asbestos	Classification	Quantity
Exterior Gray Window	Associated with the	2% Chrysotile	Good /	~ 2 Square Feet
Caulking/Glazing	Drive-Thru Window		Category II Non-Friable	or 1 Window

A summary of these materials is also included in **Appendix A**. A table summarizing samples collected and their analytical results is in **Appendix B**; the laboratory analytical report is included in **Appendix C**; a drawing with approximate sample locations is included in **Appendix E**; and a photo log with examples of the identified ACM is included in **Appendix F**.

The owner and operator (contractor) are responsible for federal and state EPA Asbestos NESHAP compliance regarding the demolition project and the identified ACM which contains greater than 1% asbestos. This includes any applicable prior abatement and prior demolition notifications, and the proper handling/disposal of any identified ACM. Please note that federal and state NESHAP regulations require Category II Non-Friable ACM, which has a high probability of becoming or has become crumbled, pulverized or reduce to power by the forces expected to act on the material in

Asbestos Survey Former PNC Bank = 3023 Dixie Highway, Edgewood, Kentucky February 14, 2022 = Terracon Project No. N1227052



the course of demolition, to be removed prior to demolition activities. For any questions regarding EPA NESHAP compliance, please contact the Kentucky Division for Air Quality (DAQ) - Florence Region; 8020 Veterans Memorial Drive, Suite 110, Florence, KY 41042; telephone (859-525-4157); contact Mr. Clay Redmond (<u>clay.redmond@ky.gov</u>). Further information regarding state regulations and prior abatement and prior demolition notifications can be found online at the following web address:

https://eec.ky.gov/Environmental-Protection/Air/asbestos/Pages/default.aspx.

It should be noted that inaccessible/concealed suspect materials, other than those identified during this survey, may exist. Should additional suspect materials be uncovered prior to or during demolition activities, those materials must be assumed as asbestos-containing unless sampled by an accredited inspector and laboratory analysis refutes the positive assumption.

6.0 LIMITATIONS/GENERAL COMMENTS

In addition to any limitations indicated in other sections of this report, Terracon did not perform sampling which required demolition or destructive activities such as knocking large holes in walls, dismantling of equipment or removal of protective coverings. Reasonable efforts to access suspect materials within known areas of restricted access (e.g., crawl spaces) were made; however, confined spaces or areas/components which may pose a health or safety risk to Terracon personnel were not sampled (e.g., electrical components/wiring). Sampling did not include suspect materials which could not be safely reached with available ladders/man-lifts.

This asbestos 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 building. 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 Ampler Development LLC. 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 quantities, further investigation or remediation deemed necessary. Terracon 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.



APPENDIX A

Former PNC Bank 3023 Dixie Highway Edgewood, Kentucky 41018

IDENTIFIED ASBESTOS-CONTAINING MATERIALS BY HOMOGENEOUS AREA (HA)

HA No.	Material Description	Material Location	% and Type Asbestos	EPA NESHAP Classification	Condition	Estimated Quantity*
17	Exterior Gray Window Caulking/Glazing	Associated with the Drive-Thru Window	2% Chrysotile	Category II Non-Friable	Good	2 Square Feet or 1 Window

See **Appendix B** for a summary of samples collected and results, and **Appendix C** for detailed analytical results. See **Appendix E** for sample location drawings and **Appendix F** for a photo log.

*Estimated quantities listed above are based on a cursory field evaluation, and actual quantities may vary significantly, especially if ACMs are present in hidden and/or inaccessible areas not evaluated as part of this survey. This is not a bidding document and contractors would be responsible for drawing their own conclusions on quantities present.

It should be noted that inaccessible/concealed suspect materials, other than those identified during this survey, may exist. Should additional suspect materials be uncovered prior to or during renovation or demolition activities, those materials must be assumed as asbestos-containing unless sampled by an accredited inspector and laboratory analysis refutes the positive assumption.



APPENDIX B

Former PNC Bank 3023 Dixie Highway Edgewood, Kentucky 41018

ASBESTOS SURVEY SAMPLE & RESULTS SUMMARY

San	nple #	Sample Material	Sample Leastion	HAL costion(c)	Results (% / Type of
HA #	SEQ. #	Description	Sample Location	HA Location(s)	Asbestos)
	01		Northwest Corner of 1 st Floor		Drywall: None Detected (ND), Joint Compound: ND
	02		Closet in West Entrance Way		Drywall: ND, Joint Compound: ND
	03		Southwest Corner of 1 st Floor		Drywall: ND, Joint Compound: ND
01	04	Drywall System: Drywall and Joint Compound	Northeast Corner of 1 st Floor	Throughout Building	Drywall: ND, Joint Compound: ND
	05	Compound	Bottom of Basement Stairs		Drywall: ND, Joint Compound: ND
	06		Closet in Basement Breakroom		Drywall: ND, Joint Compound: ND
	07		Northeast Corner of Basement Storage Room		Drywall: ND
	08		East Window of South Entrance	Associated with Stained Glass	ND
02	09	Gray Interior Window Glazing	East Window of South Entrance	Window in South Entry way and	ND
	10		West Window of South Entrance	East and West Upper Windows	ND
	11		At Stairwell Door		Cove Base: ND, Mastic: ND
03	12	4" Gray Cove Base with Tan Mastic	Door to Vault	Area Teller Area of 1 st Floor	Cove Base: ND, Mastic: ND
	13	1	Northeast Corner of Teller Area		Cove Base: ND, Mastic: ND



	14		West Side of Stairwell		Cove Base: ND, Mastic: ND
04	15	4" Light Brown Cove Base with Tan Mastic	Northeast Corner of Women's Restroom	Stairwell, Men's and Women's Restrooms	Cove Base: ND, Mastic: ND
	16		Doorway of Men's Restroom		Cove Base: ND, Mastic: ND
	17		Southwest Corner of Breakroom		Floor Tile: ND, Mastic: ND
05	18	12"x12" White with Gray Floor Tile with Yellow Mastic	Entrance to Breakroom	Basement Hallway and Breakroom	Floor Tile: ND, Mastic: ND
	19		Entrance to Storage Room		Floor Tile: ND, Mastic: ND
	20		Northwest Corner		Cove Base: ND, Mastic: ND
06	21	4" Brown Cove Base with Tan Mastic	Northeast Corner	South Entrance Lobby	Cove Base: ND, Mastic: ND
	22		Southwest Corner		Cove Base: ND, Mastic: ND
	23		Entrance to Men's Restroom		ND
07	24	2'x4' Ceiling Tile with Small Fissures	Northeast Corner of Breakroom	Throughout Basement	ND
	25		Northeast Corner of Storage Room		ND
	26		Northwest Corner of Breakroom		Cove Base: ND, Mastic: ND
08	27	4" Tan Cove Base with Tan Mastic	Entrance to Breakroom	Basement Hallways and	Cove Base: ND, Mastic: ND
	28		Northeast Corner of Breakroom	Breakroom -	Cove Base: ND, Mastic: ND
09	29		Entrance of Women's Restroom	Restroom Flooring	Flooring: ND, Mastic: ND



	30	Red Brick Patterned	Entrance of Men's Restroom		Flooring: ND, Mastic: ND
	31	Linoleum Flooring with Mastic	Northwest Corner of Men's Restroom		Flooring: ND, Mastic: ND
	32		West Wall of Storage Room		Cove Base: ND, Mastic: ND
10	33	4" Blue Cove Base with Brown Mastic	At Entrance to HVAC Room	Basement Storage Room	Cove Base: ND, Mastic: ND
	34		At Entrance to Storage Room		Cove Base: ND, Mastic: ND
	35		Center of Room		ND
11	36	2'x4' White Ceiling Tile with Large Fissures	Northwest Corner	HVAC Room	ND
	37		Southwest Corner		ND
	38		Northeast Corner		ND
12	39	Red Fire-Stop Caulking	Northeast Corner	Northeast Corner of Basement Storage Room	ND
	40		Northeast Corner		ND
	41		Northeast Corner Vent		ND
13	42	Black Paper Lining	Southeast Corner Vent	Beneath 1 st Floor Wood Flooring	ND
	43		Middle South Side Vent		ND



Sar	nple #	Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)
HA #	SEQ. #	Description			Assestes
	44		At South Entrance Door		ND
14	45	Gray Floor Leveler	West Entrance Door	Under Carpet of 1 st Floor	ND
	46		Northeast Corner of 1 st Floor		ND
	47		Breakroom Door		ND
15	48	White Fire Door Insulation	Breakroom Door	Basement Doors	ND
	49		Storage Door		ND
	50		South Side	Associated with	ND
16	51	White Exterior Window Glazing	South Side	West Entrance Doorway Windows	ND
	52		North Side	windows	ND
	53	Exterior Gray	East Side		2% Chrysotile
17	54	Window Caulking/Glazing	East Side	Associated with the Drive-Thru Window	2% Chrysotile
	55	(Drive-Thru)	West Side		2% Chrysotile
	56		Northeast Corner	Associated with Seam between	ND
18	57	Exterior Gray Caulking	Southeast Corner	Exterior Brick Walls and Concrete Foundation	ND
	58		Southwest Corner	roundation	ND



San	nple #	Sample Material Description	Sample Location	HA Location(s)	Results (% / Type of Asbestos)	
HA #	SEQ. #	Description			Asbesiosj	
	59		Middle South Window	Associated with	ND	
19	60	Exterior Gray Window Caulking (other than drive-thru)	Northeast Corner Window	Exterior Windows (other than drive-thru	Windows (other	ND
	61		Southwest Corner Window	window)	ND	
	62		South Entry- East Windows	Associated with Stained Glass	ND	
20	63	Exterior Gray Window Caulking (associated with stained glass)	South Entry- East Window	Window in South Entry way and	ND	
	64		South Entry- West Window	East and West Upper Windows	ND	



APPENDIX C

ASBESTOS ANALYTICAL LABORATORY DATA



February 10, 2022

Terracon Consultants, Inc. 611 Lunken Park Drive Cincinnati, OH 45226

CLIENT PROJECT:Former PNC Bank - Dixie Hwy, N1227052CEI LAB CODE:B222622

CEI

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 3, 2022. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

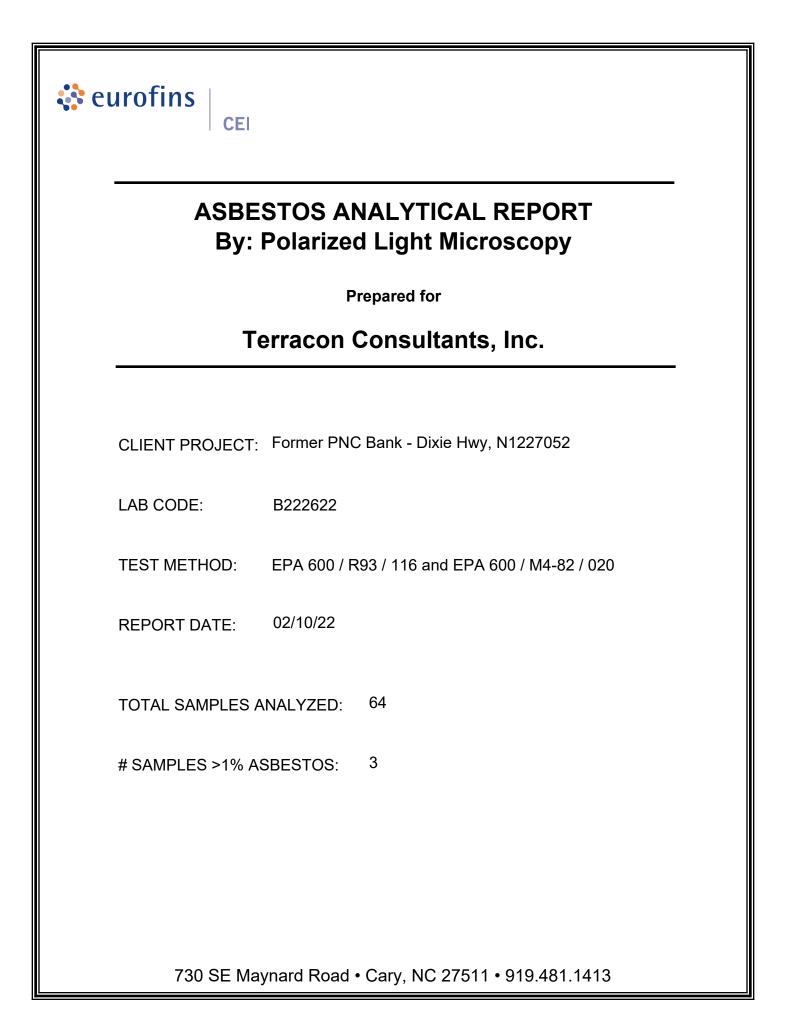
Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Man Sao Di

Tianbao Bai, Ph.D., CIH Laboratory Director







By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former PNC Bank - Dixie Hwy, N1227052 LAB CODE: B222622

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

CEI

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
01-01	Layer 1	B31230	White	Joint Compound	None Detected
01-01	Layer 2	B31230	White,Brown	Drywall	None Detected
01-02	Layer 1	B31231	White	Joint Compound	None Detected
01-02	Layer 2	B31231	White,Brown	Drywall	None Detected
01-03	Layer 1	B31232	White	Joint Compound	None Detected
01-03	Layer 2	B31232	White,Brown	Drywall	None Detected
01-04	Layer 1	B31233	White	Joint Compound	None Detected
01-04	Layer 2	B31233	White,Brown	Drywall	None Detected
01-05	Layer 1	B31234	White	Joint Compound	None Detected
01-05	Layer 2	B31234	White,Brown	Drywall	None Detected
01-06	Layer 1	B31235	White	Joint Compound	None Detected
01-06	Layer 2	B31235	White,Brown	Drywall	None Detected
01-07		B31236	White,Brown	Drywall	None Detected
02-08		B31237	Gray	Window Glazing	None Detected
02-09		B31238	Gray	Window Glazing	None Detected
02-10		B31239	Gray	Window Glazing	None Detected
03-11		B31240A	Gray	Covebase	None Detected
03-11		B31240B	Brown,Tan	Mastic	None Detected
03-12		B31241A	Gray	Covebase	None Detected
03-12		B31241B	Brown,Tan	Mastic	None Detected
03-13		B31242A	Gray	Covebase	None Detected
03-13		B31242B	Brown,Tan	Mastic	None Detected
04-14		B31243A	Brown	Covebase	None Detected
04-14		B31243B	Tan	Mastic	None Detected
04-15		B31244A	Brown	Covebase	None Detected
04-15		B31244B	Tan	Mastic	None Detected
04-16		B31245A	Brown	Covebase	None Detected
04-16		B31245B	Tan	Mastic	None Detected
05-17		B31246A	White,Gray	Floor Tile	None Detected
05-17		B31246B	Yellow	Mastic	None Detected
05-18		B31247A	White,Gray	Floor Tile	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former PNC Bank - Dixie Hwy, N1227052 LAB CODE: B222622

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

CEI

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
05-18		B31247B	Yellow	Mastic	None Detected
05-19		B31248A	White,Gray	Floor Tile	None Detected
05-19		B31248B	Yellow	Mastic	None Detected
06-20		B31249A	Brown	Covebase	None Detected
06-20		B31249B	Tan	Mastic	None Detected
06-21		B31250A	Brown	Covebase	None Detected
06-21		B31250B	Tan	Mastic	None Detected
06-22		B31251A	Brown	Covebase	None Detected
06-22		B31251B	Tan	Mastic	None Detected
07-23		B31252	White,Tan	Ceiling Tile	None Detected
07-24		B31253	White,Tan	Ceiling Tile	None Detected
07-25		B31254	White,Tan	Ceiling Tile	None Detected
08-26		B31255A	Tan	Covebase	None Detected
08-26		B31255B	Tan	Mastic	None Detected
08-27		B31256A	Tan	Covebase	None Detected
08-27		B31256B	Tan	Mastic	None Detected
08-28		B31257A	Tan	Covebase	None Detected
08-28		B31257B	Tan	Mastic	None Detected
09-29		B31258A	Red,Patterned	Linoleum	None Detected
09-29		B31258B	Clear	Mastic	None Detected
09-30		B31259A	Red,Patterned	Linoleum	None Detected
09-30		B31259B	Clear	Mastic	None Detected
09-31		B31260A	Red,Patterned	Linoleum	None Detected
09-31		B31260B	Clear	Mastic	None Detected
10-32		B31261A	Blue	Covebase	None Detected
10-32		B31261B	Brown	Mastic	None Detected
10-33		B31262A	Blue	Covebase	None Detected
10-33		B31262B	Brown	Mastic	None Detected
10-34		B31263A	Blue	Covebase	None Detected
10-34		B31263B	Brown	Mastic	None Detected
11-35		B31264	White,Tan	Ceiling Tile	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former PNC Bank - Dixie Hwy, N1227052 LAB CODE: B222622

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer Lab ID	Color	Sample Description	ASBESTOS %
11-36	B31265	White,Tan	Ceiling Tile	None Detected
11-37	B31266	White,Tan	Ceiling Tile	None Detected
12-38	B31267	Red	Caulking	None Detected
12-39	B31268	Red	Caulking	None Detected
12-40	B31269	Red	Caulking	None Detected
13-41	B31270	Black	Paper	None Detected
13-42	B31271	Black	Paper	None Detected
13-43	B31272	Black	Paper	None Detected
14-44	B31273	Gray	Floor Leveler	None Detected
14-45	B31274	Gray	Floor Leveler	None Detected
14-46	B31275	Gray	Floor Leveler	None Detected
15-47	B31276	White	Insulation	None Detected
15-48	B31277	White	Insulation	None Detected
15-49	B31278	White	Insulation	None Detected
16-50	B31279	White,Gray	Window Glazing	None Detected
16-51	B31280	White,Gray	Window Glazing	None Detected
16-52	B31281	White,Gray	Window Glazing	None Detected
17-53	B31282	Gray,Black	Window Caulking	Chrysotile 2%
17-54	B31283	Gray,Black	Window Caulking	Chrysotile 2%
17-55	B31284	Gray,Black	Window Caulking	Chrysotile 2%
18-56	B31285	Gray	Caulking	None Detected
18-57	B31286	Gray	Caulking	None Detected
18-58	B31287	Gray	Caulking	None Detected
19-59	B31288	Gray,Tan	Window Caulking	None Detected
19-60	B31289	Gray,Tan	Window Caulking	None Detected
19-61	B31290	Gray,Tan	Window Caulking	None Detected
20-62	B31291	Gray,Tan	Window Caulking	None Detected
20-63	B31292	Gray,Tan	Window Caulking	None Detected
20-64	B31293	Gray,Tan	Window Caulking	None Detected



By: POLARIZING LIGHT MICROSCOPY

CEI

Client: Terracon Consultants, Inc. 611 Lunken Park Drive Cincinnati, OH 45226
 Lab Code:
 B222622

 Date Received:
 02-03-22

 Date Analyzed:
 02-10-22

 Date Reported:
 02-10-22

Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab Lab ID Description		Lab Attributes	N-ASBESTOS ous		NENTS Fibrous	ASBESTOS %	
01-01 Layer 1 B31230	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected
01-01 Layer 2 B31230	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-02 Layer 1 B31231	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected
01-02 Layer 2 B31231	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-03 Layer 1 B31232	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected
01-03 Layer 2 B31232	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-04 Layer 1 B31233	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected



By: POLARIZING LIGHT MICROSCOPY

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Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NO Fibr	N-ASBESTOS ous		NENTS Fibrous	ASBESTOS %
01-04 Layer 2 B31233	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-05 Layer 1 B31234	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected
01-05 Layer 2 B31234	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-06 Layer 1 B31235	Joint Compound	Heterogeneous White Non-fibrous Bound			55% 40% 5%	Binder Calc Carb Paint	None Detected
01-06 Layer 2 B31235	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
01-07 B31236	Drywall	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	75% 5%	Gypsum Paint	None Detected
No joint com	npound present.						
02-08 B31237	Window Glazing	Heterogeneous Gray Fibrous Bound	2%	Talc	98% <1%	Binder Paint	None Detected



By: POLARIZING LIGHT MICROSCOPY

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 02-10-22

Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD **NON-ASBESTOS COMPONENTS Client ID** Lab Lab ASBESTOS Lab ID Description Attributes **Fibrous** Non-Fibrous % Window Glazing Heterogeneous 2% 98% None Detected 02-09 Talc Binder B31238 Gray <1% Paint Fibrous Bound Window Glazing Heterogeneous None Detected 02-10 2% Talc 98% Binder B31239 Gray <1% Paint Fibrous Bound 03-11 Covebase Homogeneous 100% Vinyl None Detected B31240A Gray Non-fibrous Bound 03-11 Mastic Heterogeneous 100% Mastic None Detected B31240B Brown,Tan <1% Binder Non-fibrous Bound Unable to separate for individual analysis. 100% Vinyl None Detected Covebase Homogeneous 03-12 B31241A Gray Non-fibrous Bound 100% None Detected 03-12 Mastic Heterogeneous Mastic B31241B <1% Brown,Tan Binder Non-fibrous Bound Unable to separate for individual analysis. Vinyl 03-13 Covebase Homogeneous 100% None Detected B31242A Gray Non-fibrous Bound



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CEI

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 02-10-22

 Date Reported:
 02-10-22

Project: Former PNC Bank - Dixie Hwy, N1227052

Client ID	Lab	Lab	NO	N-ASBESTOS	COMPO	NENTS	ASBESTOS
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
03-13 B31242B	Mastic	Heterogeneous Brown,Tan Non-fibrous Bound			100% <1%	Mastic Binder	None Detected
Unable to se	eparate for individual a						
04-14 B31243A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
04-14 B31243B	Mastic	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected
04-15 B31244A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
04-15 B31244B	Mastic	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected
04-16 B31245A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
04-16 B31245B	Mastic	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected



By: POLARIZING LIGHT MICROSCOPY

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Project: Former PNC Bank - Dixie Hwy, N1227052

Client ID	Lab	Lab	ASBESTOS					
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%	
05-17 B31246A		Floor Tile	Homogeneous White,Gray Non-fibrous Tightly Bound			100%	Vinyl	None Detected
05-17 B31246B	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected	
05-18 B31247A	Floor Tile	Homogeneous White,Gray Non-fibrous Tightly Bound			100%	Vinyl	None Detected	
05-18 B31247B	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected	
05-19 B31248A	Floor Tile	Homogeneous White,Gray Non-fibrous Tightly Bound			100%	Vinyl	None Detected	
05-19 B31248B	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected	
06-20 B31249A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected	



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Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS ous		NENTS ïbrous	ASBESTOS %
06-20 B31249B	Tan Non-fil	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected
06-21 B31250A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
06-21 B31250B	Mastic	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected
06-22 B31251A	Covebase	Homogeneous Brown Non-fibrous Bound			100%	Vinyl	None Detected
06-22 B31251B	Mastic	Heterogeneous Tan Non-fibrous Bound	<1%	Cellulose	100% <1%	Mastic Binder	None Detected
07-23 B31252	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected
07-24 B31253	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Cellulose Fiberglass	15% 5%	Perlite Paint	None Detected



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 Date Analyzed:
 02-10-22

 Date Reported:
 02-10-22

Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD **NON-ASBESTOS COMPONENTS Client ID** Lab Lab ASBESTOS Lab ID Description Attributes **Fibrous** Non-Fibrous % Ceiling Tile Heterogeneous 60% 15% None Detected 07-25 Cellulose Perlite B31254 White,Tan 20% Fiberglass 5% Paint Fibrous Loosely Bound 100% Vinyl None Detected 08-26 Covebase Homogeneous B31255A Tan Non-fibrous Bound Mastic Heterogeneous <1% Cellulose 100% Mastic None Detected 08-26 B31255B <1% Binder Tan Non-fibrous Bound 08-27 Covebase Homogeneous 100% Vinyl None Detected B31256A Tan Non-fibrous Bound Heterogeneous <1% 100% None Detected 08-27 Mastic Cellulose Mastic B31256B Tan <1% Binder Non-fibrous Bound 08-28 Covebase Homogeneous 100% Vinyl None Detected B31257A Tan Non-fibrous Bound None Detected 08-28 Mastic Heterogeneous <1% Cellulose 100% Mastic B31257B Tan <1% Binder Non-fibrous Bound



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Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD **NON-ASBESTOS COMPONENTS Client ID** Lab Lab ASBESTOS Lab ID Description Attributes **Fibrous** Non-Fibrous % Linoleum Homogeneous 100% Vinyl None Detected 09-29 Red,Patterned B31258A Non-fibrous **Tightly Bound** 100% Mastic None Detected 09-29 Mastic Homogeneous <1% Cellulose B31258B Clear Non-fibrous Bound 09-30 Linoleum Homogeneous 100% Vinyl None Detected B31259A Red,Patterned Non-fibrous **Tightly Bound** 09-30 Mastic Homogeneous <1% Cellulose 100% Mastic None Detected B31259B Clear Non-fibrous Bound 100% Vinyl None Detected 09-31 Linoleum Homogeneous B31260A Red,Patterned Non-fibrous **Tightly Bound** 09-31 Mastic Homogeneous <1% Cellulose 100% Mastic None Detected B31260B Clear Non-fibrous Bound Vinyl None Detected 10-32 Covebase Homogeneous 100% B31261A Blue Non-fibrous Bound



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	ASBESTOS				
Lab ID	Description	Attributes	Fibr	ous	Non-F	ibrous	%
10-32 B31261B	Mastic	Mastic Homogeneous <1% Brown Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
10-33 B31262A	Covebase	Homogeneous Blue Non-fibrous Bound			100%	Vinyl	None Detected
10-33 B31262B	Mastic	Homogeneous Brown Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
10-34 B31263A	Covebase	Homogeneous Blue Non-fibrous Bound			100%	Vinyl	None Detected
10-34 B31263B	Mastic	Homogeneous Brown Non-fibrous Bound	<1%	Cellulose	100%	Mastic	None Detected
11-35 B31264	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Fiberglass Cellulose	15% 5%	Binder Paint	None Detected
11-36 B31265	Ceiling Tile	Heterogeneous White,Tan Fibrous Loosely Bound	60% 20%	Fiberglass Cellulose	15% 5%	Binder Paint	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD **NON-ASBESTOS COMPONENTS Client ID** Lab Lab ASBESTOS Lab ID Description Attributes **Fibrous** Non-Fibrous % Ceiling Tile Heterogeneous 60% Fiberglass 15% None Detected 11-37 Binder White,Tan 20% B31266 Cellulose 5% Paint Fibrous Loosely Bound Caulking 100% Caulk None Detected 12-38 Homogeneous B31267 Red Non-fibrous Bound 12-39 Caulking Homogeneous 100% Caulk None Detected B31268 Red Non-fibrous Bound 12-40 Caulking Homogeneous 100% Caulk None Detected B31269 Red Non-fibrous Bound Homogeneous 60% 40% None Detected 13-41 Paper Cellulose Tar B31270 Black Fibrous Bound 13-42 Paper Homogeneous 60% Cellulose 40% Tar None Detected B31271 Black Fibrous Bound None Detected 13-43 Paper Homogeneous 60% Cellulose 40% Tar B31272 Black Fibrous Bound



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Project: Former PNC Bank - Dixie Hwy, N1227052

ASBESTOS BULK PLM, EPA 600 METHOD **NON-ASBESTOS COMPONENTS Client ID** Lab Lab ASBESTOS Lab ID Attributes Description **Fibrous** Non-Fibrous % Floor Leveler Heterogeneous <1% 60% None Detected 14-44 Cellulose Silicates B31273 Gray 40% Binder Non-fibrous <1% Mastic Bound Floor Leveler Homogeneous None Detected 14-45 <1% Cellulose 60% Silicates B31274 Gray 40% Binder Non-fibrous Bound 14-46 Floor Leveler Homogeneous <1% Cellulose 60% Silicates None Detected B31275 Gray 40% Binder Non-fibrous Bound 15-47 Insulation Homogeneous 35% Cellulose 55% Binder None Detected B31276 White 10% Vermiculite Fibrous Loosely Bound 55% None Detected 15-48 Insulation Homogeneous 35% Cellulose Binder 10% Vermiculite B31277 White Fibrous Loosely Bound 15-49 Insulation Homogeneous 35% Cellulose 55% Binder None Detected B31278 White 10% Vermiculite Fibrous Loosely Bound 16-50 Window Glazing Heterogeneous 100% Binder None Detected B31279 White, Gray <1% Paint Non-fibrous Bound



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Project: Former PNC Bank - Dixie Hwy, N1227052

Client ID	Lab	Lab	NON-ASBEST	OS COMPO	ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
16-51 B31280	Window Glazing	Heterogeneous White,Gray Non-fibrous Bound		100% <1%	Binder Paint	None Detected
16-52 B31281	Window Glazing	Heterogeneous White,Gray Non-fibrous Bound		100% <1%	Binder Paint	None Detected
17-53 B31282	Window Caulking	Homogeneous Gray,Black Non-fibrous Bound		98%	Caulk	2% Chrysotile
17-54 B31283	Window Caulking	Homogeneous Gray,Black Non-fibrous Bound		98%	Caulk	2% Chrysotile
17-55 B31284	Window Caulking	Homogeneous Gray,Black Non-fibrous Bound		98%	Caulk	2% Chrysotile
18-56 B31285	Caulking	Heterogeneous Gray Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
18-57 B31286	Caulking	Heterogeneous Gray Non-fibrous Bound		100% <1%	Caulk Paint	None Detected



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBES [®] Fibrous	TOS COMPOI Non-F	NENTS ïbrous	ASBESTOS %
18-58 Caulking B31287	Heterogeneous Gray Non-fibrous Bound		100% <1%	Caulk Paint	None Detected	
19-59 B31288	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
19-60 B31289	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
19-61 B31290	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
20-62 B31291	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
20-63 B31292	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected
20-64 B31293	Window Caulking	Heterogeneous Gray,Tan Non-fibrous Bound		100% <1%	Caulk Paint	None Detected



CEI

LEGEND:	Non-Anth	= Non-Asbestiform Anthophyllite
	Non-Trem	= Non-Asbestiform Tremolite
	Calc Carb	= Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST:

Kathryn Wescott

APPROVED BY:

Tianbao Bai, Ph.D., CIH Laboratory Director





APPENDIX D

LICENSES AND CERTIFICATIONS

ANDY BESHEAR GOVERNOR



REBECCA W. GOODMAN Secretary

ENERGY AND ENVIRONMENT CABINET DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HATTON COMMISSIONER

300 Sower Boulevard Frankfort, Kentucky 40601

June 15, 2021

Lemuel Weyer 3818 Virginia Ct Cincinnati, Ohio 45248

> Asbestos Management Planner AI Number: 159668 License Number: 61040 Expires: May 28, 2022

Dear Lemuel Weyer:

This is to acknowledge receipt of your application for accreditation as an asbestos abatement professional. Your application has been approved and the above-referenced card is enclosed.

Initial accreditation fee is \$100.00 per person per discipline, except for abatement worker (\$20.00). Renewal fees for accreditations within one year of the expiration date are one-half of the initial fees. Renewals for accreditations expired over one year require the initial fee. There is a \$10.00 duplication charge to replace a lost card. Please also note that the expiration date on your license is determined by the expiration date on the training certificate submitted with your application.

When submitting application packets, please note the following:

- do not staple any of the application materials;
- make sure to fill out the application completely, including your signature; and
- include current proof of training for the discipline(s) for which you are applying

If you have any questions regarding this matter, please call our office at (502) 782-6717.

Commonwealth of Kentucky Department for Environmental Protection Division for Air Quality

Lemuel Weyer Has met the requirements of 401 KAR 58:005 and is accredited as an:

Asbestos Management Planner Agency Interest Id: 159668

igency interest id:	159668
License Number:	61040
Issue Date:	06/15/2021
Expiration Date:	05/28/2022

Sincerely,

Emma Morcio

Emma Moreo Field Support Section Field Operations Branch



ANDY BESHEAR Governor



REBECCA W. GOODMAN Secretary

ENERGY AND ENVIRONMENT CABINET DEPARTMENT FOR ENVIRONMENTAL PROTECTION

ANTHONY R. HAFFON COMMISSIONER

300 Sower Boulevard Frankfort, Kentucky 40601

August 26, 2021

Tyler J Stenten 611 Lunken Park Dr Cincinnati, Ohio 45226

> Asbestos Management Planner AI Number: 148038 License Number: 69499 Expires: May 28, 2022

Dear Tyler J Stenten:

This is to acknowledge receipt of your application for accreditation as an asbestos abatement professional. Your application has been approved and the above-referenced card is enclosed.

Initial accreditation fee is \$100.00 per person per discipline, except for abatement worker (\$20.00). Renewal fees for accreditations within one year of the expiration date are one-half of the initial fees. Renewals for accreditations expired over one year require the initial fee. There is a \$10.00 duplication charge to replace a lost card. Please also note that the expiration date on your license is determined by the expiration date on the training certificate submitted with your application.

When submitting application packets, please note the following:

- do not staple any of the application materials;
- make sure to fill out the application completely, including your signature; and
- include current proof of training for the discipline(s) for which you are applying

If you have any questions regarding this matter, please call our office at (502) 782-6717.

Commonwealth of Kentucky Department for Environmental Protection Division for Air Quality

Tyler J Stenten Has met the requirements of 401 KAR 58,005 and is accredited as an

Asbestos Management Planner

Agency Interest Id	148038
License Number.	69499
Issue Date:	08/2 3/2021
Expiration Date	05/28/2022

Sincerely,

Emma Morcio

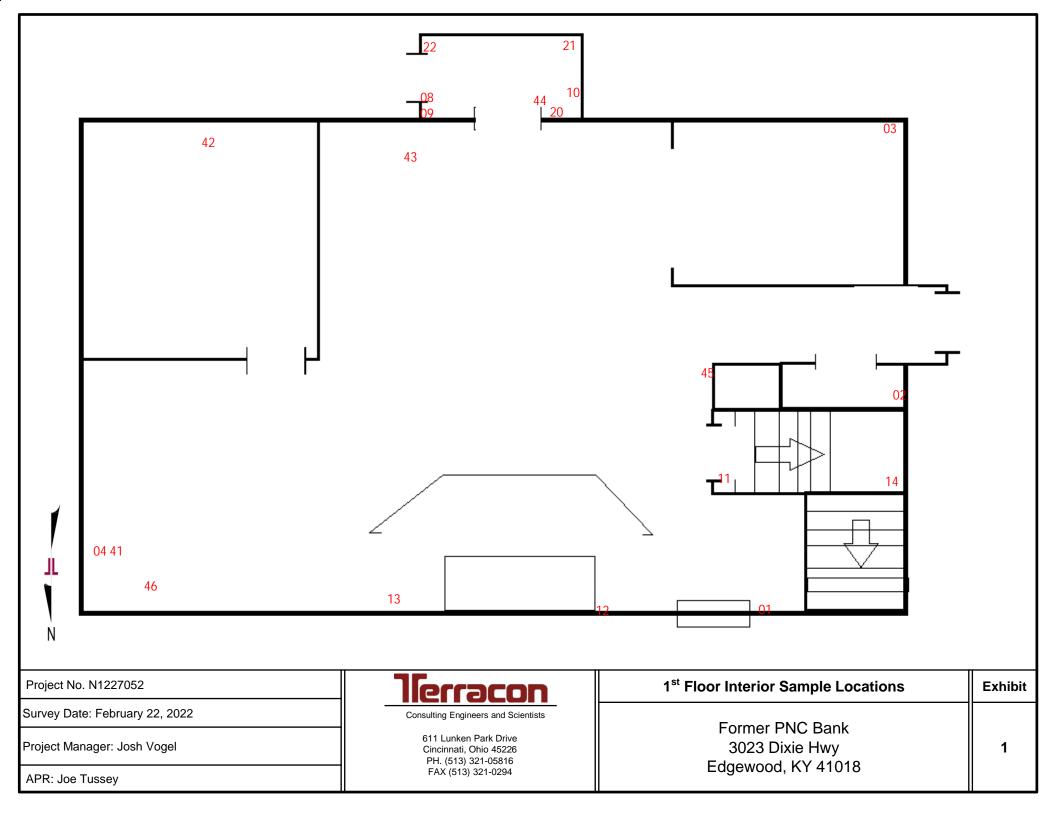
Emma Moreo Field Support Section Field Operations Branch

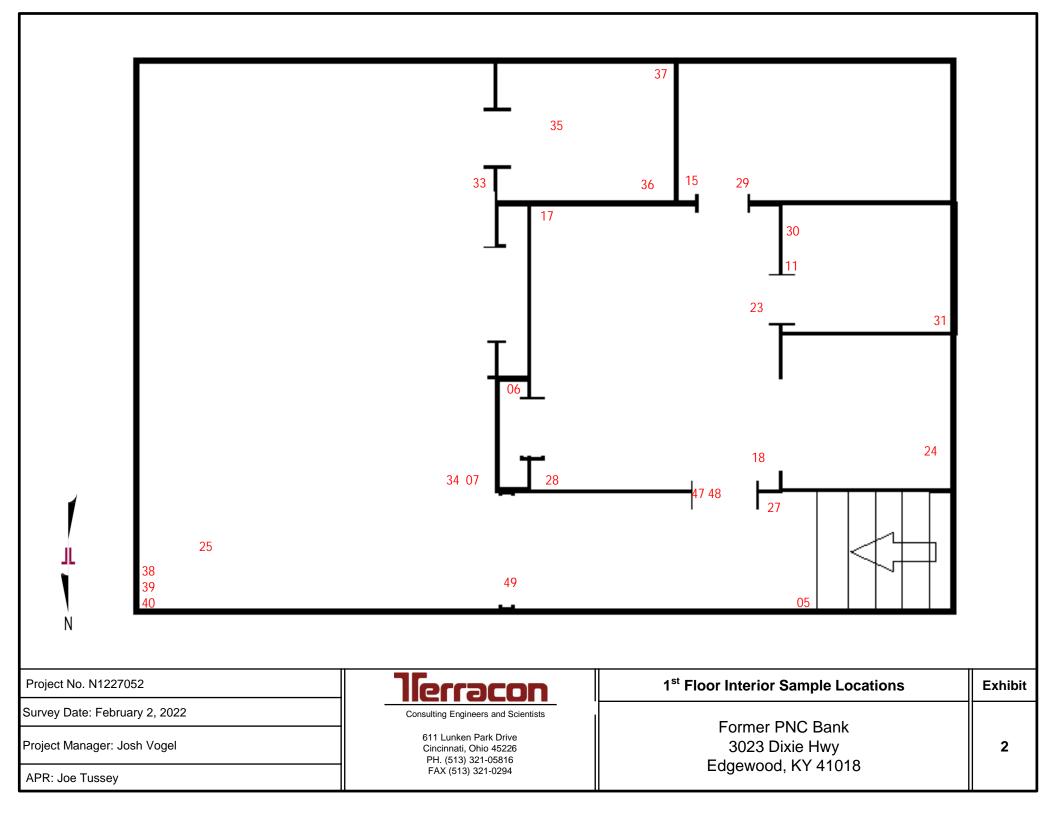


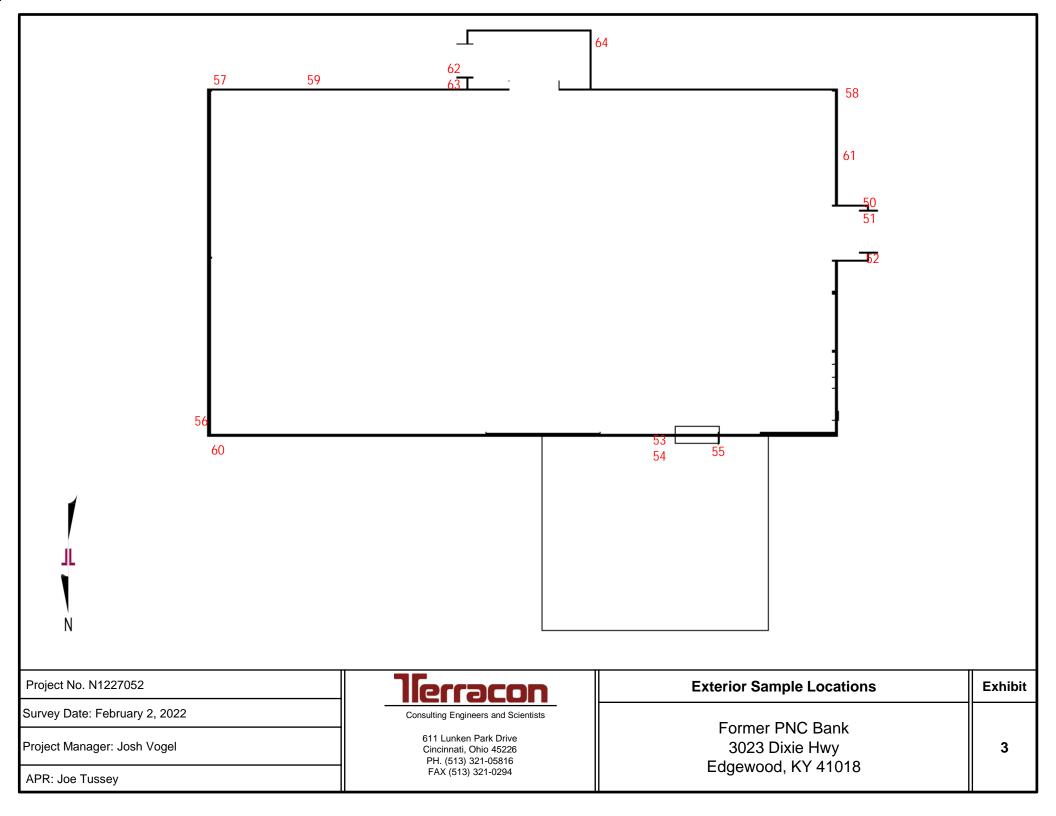


APPENDIX E

SAMPLE LOCATION DRAWINGS









APPENDIX F

PHOTO LOG



