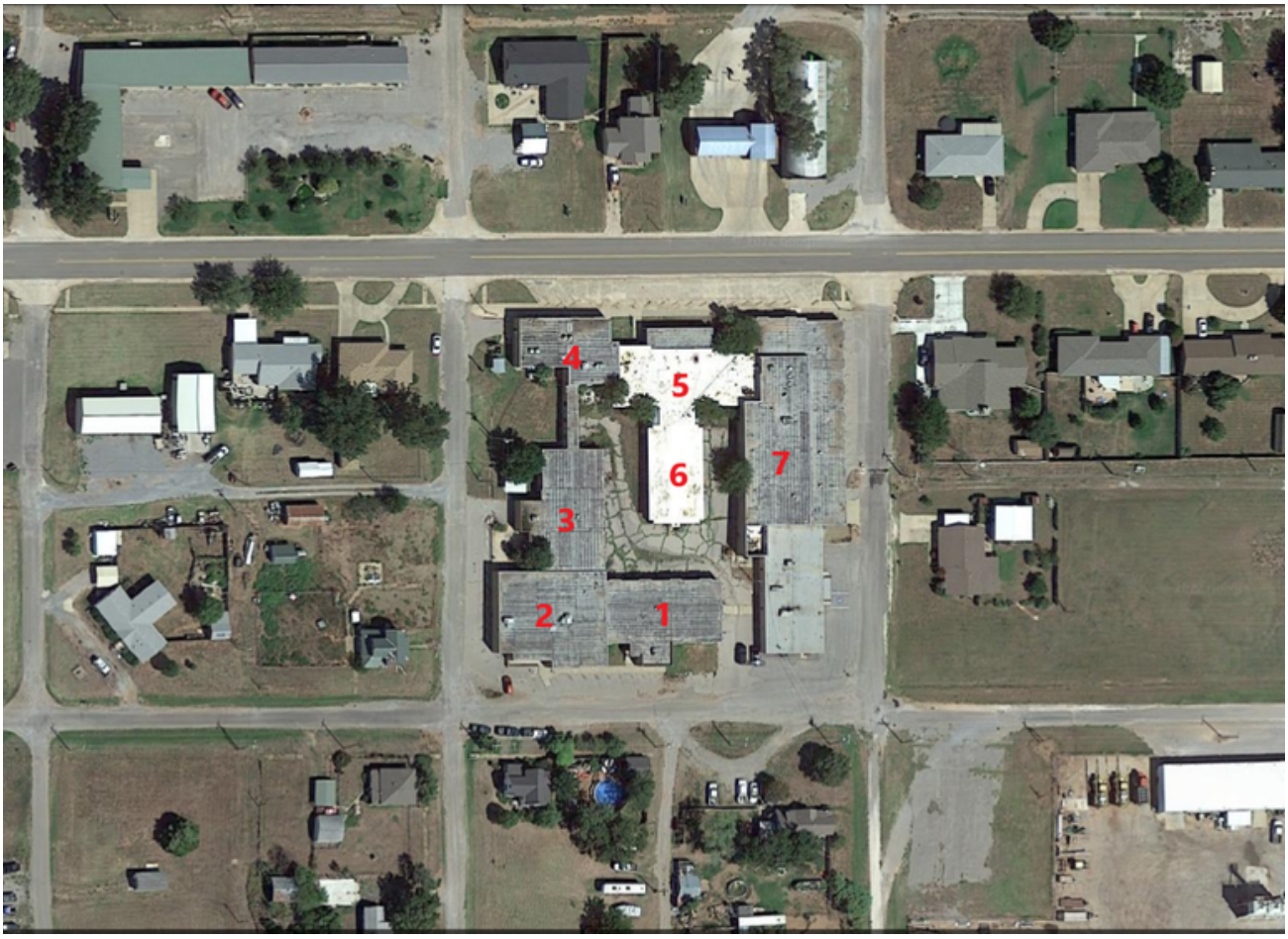
Former Thomas Hospital Buildings 4, 5 & 6

Thomas, Oklahoma

Final Remediation Report



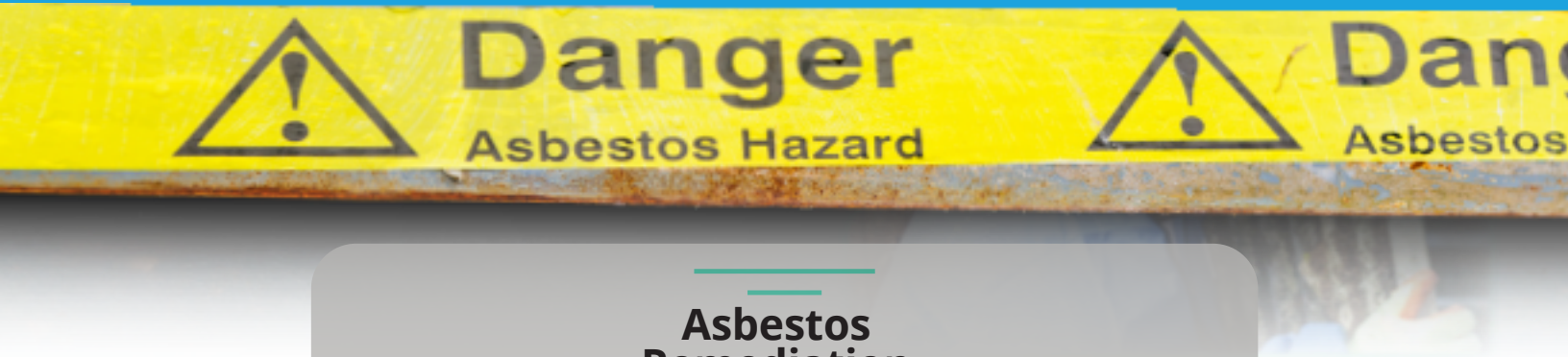
OKLAHOMA Environmental Quality

SITE CLEANUP ASSISTANCE PROGRAM

The Oklahoma Department of Environmental Quality is pleased to present the City of Thomas with the Final Remediation Report for the former Thomas Hospital Complex Buildings 4, 5 & 6

Targeted Brownfields Assessment

In June 2020, DEQ's Brownfields Program provided the City of Thomas with Asbestos and Lead Based Paint/Lead Dust Inspections for buildings 1-3, 4 & 7. The Environmental Protection Agency (EPA) Performed the inspections for buildings 5&6. No Lead Based Paint was found. Lead Dust and Asbestos were identified.



Asbestos Remediation Details

In December 2022,
DEQ and it's contractors completed the following:

- Removed approximately 3500 square feet of asbestos containing flooring and 5500 square feet of asbestos containing wall texture and joint compound from building 4.
- Removed around 11,000 square feet of asbestos containing flooring, 1000 linear feet of asbestos containing window caulk, 300 linear feet of duct seam tape, and 50 asbestos containing hardpack fittings from buildings 5&6.
- The removal of these materials was done in order to be able to safely demolish the structures.

Table of Contents

Deeds and Legal Documents

Inspection Reports

Scope of Work

Remediation Reports

Deeds and Legal Documents

Return to: Thomas Economic Development Authority
P.O. Box 250
Thomas, OK 73669

I-2021-005912 Book 1952 Pg 473
12/10/2021 1:39pm Pg 0473-0476
Fee: $24.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

SPECIAL WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS:

THAT Northwest Oklahoma Properties, LLC, an Oklahoma limited liability company, (**"Grantor"**), whose notice address is 2801 Redbird Lane, Enid, Oklahoma 73703, in consideration of the sum of Ten and no/100 Dollars ($10.00) and other good and valuable consideration, in hand paid, the receipt and sufficiency of which are acknowledged, does hereby grant, bargain, sell and convey unto the City of Thomas, Oklahoma, a municipal corporation (**"Grantee"**), whose notice address is P. O. Box 250, Thomas, Oklahoma 73669, all of Grantor's right, title and interest in and to the real property situated in Custer County, State of Oklahoma, more particularly described on **Exhibit A** attached as a part hereof (the **"Real Property"**).

Grantor warrants title to the Real Property against any and all persons lawfully claiming by, through, or under Grantor, but not otherwise, subject, however, to easements and restrictive covenants of record.

TO HAVE AND TO HOLD the Real Property unto the Grantee, its successors and assigns, forever.

IN WITNESS WHEREOF, the Grantor has executed and delivered this instrument as of the 29 day of November, 2021.

"Grantor": Northwest Oklahoma Properties, LLC. an Oklahoma limited liability company

By: _____
Printed Name: Michael G. Miller / Member Manager

EXEMPT DOCUMENTARY STAMP TAX O.S. TITLE 68, ARTICLE 32, SECTION 3202(11).

STATE OF OKLAHOMA)
) SS.
COUNTY OF Garfield)

I-2021-005912 Book 1952 Pg 474
12/10/2021 1:39pm Pg 0473-0476
Fee: $24.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

This instrument was subscribed, sworn and acknowledged before me this 29 day of November, 2021, by Michael G. Miller, Member/Manager of Northwest Oklahoma Properties, LLC, an Oklahoma limited liability company.

Angela Kaye Nagel
Notary Public

My Commission Expires:
12-8-24
My Commission No.
20014866

Notary Public
State of Oklahoma
ANGELA KAYE NAGEL
GARFIELD COUNTY
COMMISSION #20014866
Comm. Exp. 12-08-2024

I-2021-005912 Book 1952 Pg 475
12/10/2021 1:39pm Pg 0473-0476
Fee: $24.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

EXHIBIT A

LEGAL DESCRIPTION

TRACT 1: SURFACE RIGHTS ONLY IN AND TO:

All of Block 93, (consisting of Lots 1 to 22, both inclusive), in the Original Townsite of Thomas, Custer County, Oklahoma, according to the recorded plat thereof, LESS AND EXCEPT a tract of land in the East 75 feet of Lots 13 to 17, both inclusive, Block 93, in the Original Townsite of Thomas, Custer County, Oklahoma, such excepted tract being legally described as follows: beginning at the Southeast Corner of said Block 93 in the Original Townsite of Thomas, Custer County, Oklahoma; thence South 89°31'00" West, 74.42 feet along the South boundary line of said Block 93; thence North 00°44'18" West, 93.20 feet, 6 feet West of and parallel with the West wall of Thomas Medical Surgical Clinic, to the South wall of the former Thomas Hospital; thence along said South wall North 89°38'29" East, 6.44 feet, thence North 01°51'17" West, 27.18 feet, thence South 89°23'41" East, 37.28 feet thence North 89°29'31" East, 32.45 feet to a point on the East boundary line of said Block 93, thence South 00°09'36" East, 119.66 feet to the point of beginning.

TRACT 2: SURFACE RIGHTS ONLY IN AND TO:

Lots 14, 15, 16 and 17, Block 119, Original Townsite of Thomas, Custer County, Oklahoma, according to the recorded plat thereof.

I-2021-005912 Book 1952 Pg 476
12/10/2021 1:39pm Pg 0473-0476
Fee: $24.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

MEMBER RESOLUTION
OF
NORTHWEST OKLAHOMA PROPERTIES, LLC

We, the undersigned Member(s) of Northwest Oklahoma Properties, LLC, a limited liability company duly organized and existing under the laws of Oklahoma (hereinafter the "Company"), with authority granted in the Operating Agreement to make binding resolutions on behalf of the Company, hereby resolve:

The Manager, Michael G. Miller is authorized to transfer the title, deed and any other Company interest in the property commonly known as Thomas Nursing Facility/Hospital located at 601 E. Frisco, Thomas, Custer County, Oklahoma 73669 and any other property or assets at the sole discretion of The Manager.

By affirmative votes noted as signatures below, a majority vote of the Members of Northwest Oklahoma Properties, LLC with authority to bind the Company approves the form and content of this resolution, to be effective immediately.

MEMBERS

Michael G. Miller
Member/Manager

November 29, 2021
Date

Return to: Thomas Economic Development Authority
P.O. Box 250
Thomas, OK 73669

I-2021-005913 Book 1952 Pg 477
12/10/2021 1:39pm Pg 0477-0479
Fee: $22.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

QUITCLAIM DEED

KNOW ALL MEN BY THESE PRESENTS:

(3) THAT the City of Thomas, Oklahoma, a municipal corporation, (**"Grantor"**), whose notice address is P.O. Box 250, Thomas, Oklahoma 73669, in consideration of the sum of Ten and no/100 Dollars ($10.00) and other good and valuable consideration, in hand paid, the receipt and sufficiency of which are acknowledged, does hereby quitclaim, grant, bargain, sell and convey unto the Thomas Economic Development Authority, a public trust, created under that certain Trust Indenture dated March 16, 1987, amended and restated on December 9, 1998, and further amended on March 27, 2019 (**"Grantee"**), whose notice address is P. O. Box 250, Thomas, Oklahoma 73669, all of Grantor's right, title and interest in and to the real property situated in Custer County, State of Oklahoma, more particularly described on **Exhibit A** attached as a part hereof.

TO HAVE AND TO HOLD said described property with all the rights, privileges and appurtenance thereunto belonging unto the Grantee, its successors and assigns, so that neither Grantor, nor any person in Grantor's name and behalf, shall or will hereafter claim or demand any right or title to the described real property or any part thereof; that they and every one of them shall by these presents be excluded and forever barred.

The conveyance made herein and evidenced hereby is expressly made without warranty of title, either express or implied.

IN WITNESS WHEREOF, the Grantor has executed and delivered this instrument as of the 6th day of December 2021.

"Grantor": City of Thomas, Oklahoma, a municipal corporation,

By: Jeff Gase
Printed Name: Jeff Gase

EXEMPT DOCUMENTARY STAMP TAX O.S. TITLE 68, ARTICLE 32, SECTION 3202(11).

STATE OF OKLAHOMA)
) SS.
COUNTY OF CUSTER)

I-2021-005913 Book 1952 Pg 478
12/10/2021 1:39pm Pg 0477-0479
Fee: $22.00 Doc: $0.00
Melissa Graham - Custer County Clerk
State of OK

This instrument was subscribed, sworn and acknowledged before me this 6th day of December, 2021, by Jeff Gose, Mayor of the City of Thomas, Oklahoma, a municipal corporation.

Taffalien Rigsby
Notary Public

My Commission Expires:
11-06-2025
My Commission No.
13010252

TAFFALIEN RIGSBY NOTARY PUBLIC
Commission No. 13010252
My Comm. Expires 11-06-2025
CUSTER COUNTY, OKLAHOMA

I-2021-005913 Book 1952 Pg 479
12/10/2021 1:39pm Pg 0477-0479
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TRACT 2: SURFACE RIGHTS ONLY IN AND TO:

Lots 14, 15, 16 and 17, Block 119, Original Townsite of Thomas, Custer County, Oklahoma, according to the recorded plat thereof.

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

Environmental Access Permit

THIS PERMIT made and entered into by and between **City of Thomas Economic Development Authority** hereinafter called the PERMITOR, and the **DEPARTMENT OF ENVIRONMENTAL QUALITY**, hereinafter called the PERMITTEE.

WITNESSETH, PERMITTEE is hereby granted permission and authority to enter upon the following described property, situated in Okfuskee County, Oklahoma, hereinafter referred to as the "Property":

601 East Broadway, Thomas, Oklahoma 73669

Attached and incorporated by reference as Exhibit "A": Property Location Map

TERMS AND CONDITIONS OF PERMIT:

1. **TERM**: This Permit shall be for a period of one year beginning February 1, 2022, and ending February 1, 2023.

2. **USE OF PROPERTY**: PERMITTEE and its consults or contractors may enter upon said property for the performance of remedial activities, install, erect, operate, maintain, remove, and perform all work associated with said remedial activities. PERMITTEE and its consults and contractors shall have the right of ingress and egress, to and from said site across adjoining lands of the PERMITOR. PERMITOR and PERMITTEE acknowledge that all equipment and improvements of PERMITTEE to support the said operations shall be deemed personal property of PERMITTEE.

3. **MAINTENANCE**: PERMITTEE agrees that no other changes shall be made to the Property without prior written permission of the PERMITOR other than what is necessary for the purpose of the Permit.

4. **INDEMNIFICATION**: PERMITOR agrees on its behalf and that of any successors or assigns to hold harmless, defend and indemnify the PERMITTEE, its officers, agents, employees, representatives, successors, and assigns, from and against any and all losses, liabilities, expenses, claims, demands, injuries, damages, fines, penalties, costs or judgments, including, without limitation, attorney's fees and costs of any kind. Without waiving any defense or immunity, and subject to the Oklahoma Governmental Tort Claims Act, such indemnification shall exclude any such liability to the extent caused by the negligence or willful misconduct of the PERMITTEE, its officers, agents, employees, representatives, successors, and assigns while acting within the scope of their employment.

5. **NO WARRANTIES**: The PERMITTEE makes no representations or warranties of any kind in connection with this Permit. This Permit is subject to all existing conditions, restrictions, reservations, easements, servitudes and right of ways of record.

6. **ASSIGNMENT**: This Permit cannot be assigned in whole or in part without the written approval of the PERMITTEE.

7. **TERMINATION**: Either party may terminate this Permit, or any renewals of this Permit, by giving written notice at least sixty (60) days prior to the desired date of cancellation.

8. **APPLICABLE LAW**: This Permit shall supersede any and all previous agreements whether oral or written and shall be governed by the laws of the State of Oklahoma.

9. **NON-WAIVER**: Failure of either the PERMITOR or PERMITTEE to exercise any right given hereunder or to insist upon strict compliance with regard to any term, condition or covenant specified herein, shall not constitute a waiver of the PERMITOR or PERMITTEE'S right to exercise such right or to demand strict compliance with any term, condition or covenant under this Agreement.

10. **ENTIRE AGREEMENT**: This Permit constitutes the sole and entire agreement of the parties and is binding upon the PERMITOR and the PERMITTEE, their heirs successors, legal representatives and assigns.

PERMITOR: **City of Thomas Economic Development Authority**
(Type or Print)

By: Harold Gleason
(Signature)

Harold Gleason, Chairman
(Print Name and Title)

Date: 2-15-22

PERMITTEE: **Oklahoma Department of Environmental Quality**

By: _____
(Signature)

_____
(Print Name)
Director of Support Services, Administrative Services Division

Date: _____

Inspection Reports

FORMER THOMAS HOSPITAL

610 EAST BROADWAY AVENUE
THOMAS, OK 73669

JUNE 22, 2020	*ASBESTOS INSPECTION*

SERVICES PROVIDED FOR:

ODEQ Brownfields Division
Attention: Rachel Francks | Project Manager
PO Box 1677
Oklahoma City, OK 73101
405.702.5103 | Rachel.francks@deq.ok.gov

SERVICES PROVIDED BY:

Marshall Environmental Management, Incorporated
Attention: Jamie Marshall | President
1301 North Martin Luther King Avenue
Oklahoma City, OK 73117
405.616.0401 | mem@marshallenvironmental.com

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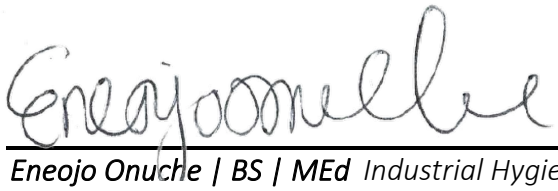
ATTACHMENTS 12

CERTIFICATION

This is to certify that Marshall Environmental Management, Incorporated (MEM) was contracted by Rachel Francks on behalf of Oklahoma Department of Environmental Quality Brownfields Section-LPD, to conduct an Asbestos Inspection within the former Thomas Hospital located at 610 East Broadway Avenue in Thomas, Oklahoma. This inspection was performed between February 10th – 14th of 2020 by an Asbestos Hazard Emergency Response Act (AHERA) Inspector, certified by the Environmental Protection Agency (EPA) and licensed by the Oklahoma Department of Labor (ODOL). The findings and analytical data resulting from this inspection are believed to accurately depict the condition and location of material(s) that contain asbestos on the date this inspection was conducted. Applicable certifications and licensure are included in the appendix to this report.



June 22, 2020

Eneojo Onuche | BS | MEd *Industrial Hygienist* ***Report Date***
EPA AHERA Asbestos Inspector Certification #: 803959
ODOL Asbestos Inspector License #: OK401505

June 22, 2020

Jamie Marshall | MS | CIH ***Report Date***
President
EPA AHERA Asbestos Inspector/Management Planner | Certification #: 703804
ODOL Asbestos Inspector/Management Planner | License #: 400477
EPA AHERA Asbestos Project Designer | Certification #: 600739
ODOL Asbestos Project Designer | License #: OK-PD400478

LABORATORY ANALYSIS PERFORMED BY:

Marshall Environmental Management, Inc.
1301 North Martin Luther King Avenue
Oklahoma City, Oklahoma 73117
Laboratory Accreditation: AIHA PAT ID #: 102334

FORMER THOMAS HOSPITAL
ASBESTOS INSPECTION

EXECUTIVE SUMMARY

On February 10th – 14th of 2020, MEM conducted an asbestos inspection within the Former Thomas Hospital located at 610 East Broadway Avenue in Thomas, Oklahoma so that a strategy that follows the regulations set forth by the EPA may be prepared for the management and/or abatement (i.e. the removal and disposal) of material(s) that contain asbestos. The EPA and the ODOL define an Asbestos-Containing Material (ACM) as any material that contains asbestos in concentrations greater than one percent (>1%). Materials that contain asbestos can exist in a structure as long as they remain undisturbed and in good condition, though specific ACM must be abated prior to the commencement of certain renovation and demolition activities. As such, laboratory analysis confirmed ***asbestos-containing texture and joint compound, vinyl sheet flooring, exterior wall expansion joint texture/coating and exterior window caulk*** were identified throughout the buildings as a result of this inspection. The sampling location, condition, type and quantity of material(s) identified as asbestos containing, during this inspection, are summarized in the Observations and Findings portion of this report.

While on site, most of the building materials that were inspected within the nursing home wing of the facility appeared to be in good condition. However, most of the paints and wallpaper on wall systems of the hospital wing were observed to peeling off the walls. In accordance with the EPA, the asbestos-containing window caulk and vinyl sheet flooring are considered ***non-friable,*** which cannot be rendered to a powder via hand pressure. As a result, the window caulk is categorized as ***Category II Non-Friable ACM***, whereas the vinyl sheet flooring is categorized as Category I Non-Friable ACM. In addition, the asbestos-containing wall expansion joint, wall texture, and joint compound are considered friable, that which can be rendered to a powder via hand pressure; and therefore, is categorized as a Regulated ACM (i.e. the abatement is regulated by the ODOL). Subsequently, the asbestos-containing joint compound, texture, wall expansion joint, and window caulk must be abated prior to the commencement of certain renovation/demolition activities. However, it should be noted that sheet flooring can remain in place during demolition. Should the sheet flooring be removed prior to demolition, this would render the material Friable, and therefore removal categorized as Regulated ACM.

Accordingly, the abatement of the texture, joint compound, wall expansion joint coating, vinyl sheet flooring and window caulk must be carried out as ***Class II Work*** in accordance with the Occupational Safety and Health Administration (OSHA). Adequate training and the appropriate certifications and licensure must be in place prior to the commencement of abatement activities. Though the abatement of the wall expansion joint and window caulk is not regulated by the ODOL, an Asbestos-Abatement Contractor, licensed by the ODOL, is recommended to perform the abatement to ensure that EPA and OSHA-compliant methods are utilized. An ***EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) Notification*** must be submitted to and approved by the Oklahoma Department of Environmental Quality (ODEQ) ten business days prior to the commencement of certain abatement/renovation and any demolition activities. The remainder of this Report is comprised of the Sampling Strategy and Methodology, Observations and Findings, Response Actions, Regulatory Review, Limitations of the Survey and the Appendix to this Report.

SAMPLING STRATEGY & METHODOLOGY

In order to collect materials suspected of containing asbestos, each accessible area, limited to the scope of work was systematically inspected. The sample collection process included documenting the location, condition, classification and estimated quantity of material(s) that contain asbestos. A specified number of samples were collected from material(s) that are uniform in color and texture and believed to be applied during the same period (i.e. homogenous material). If laboratory analyses determine that the sample(s) contain asbestos, the entirety of the homogenous material(s) is considered asbestos-containing. This Asbestos Inspection was conducted in accordance with NESHAP 40-Code of Federal Regulation (CFR) 61 Subpart M. Additionally, each sample collected was submitted for analysis in accordance with the EPA authorized method 600 49-CFR Part 61 § M Asbestos NESHAP Rules. The following are examples of the types of materials that were visually inspected and/or sampled during this inspection:

SURFACING MATERIAL

- Examples include, but are not limited to, blown or troweled on surfacing material commonly observed on ceilings, walls or structural steel.

THERMAL SYSTEM INSULATION (TSI)

- Examples include, but are not limited to, insulation on piping, thermal process or Heating Ventilation and Air Conditioning (HVAC) equipment and components.

MISCELLANEOUS MATERIAL

- Examples include, but are not limited to, floor and ceiling tiles, mastics, vinyl sheet-flooring, wallboard, wallboard-tape, and mud or joint compounds.

OBSERVATIONS & FINDINGS

The Former Thomas Hospital located at 610 East Broadway Avenue in Thomas, Oklahoma was constructed circa 1949 through 1980. The site consists of eight (8) interconnected single-story buildings with seven (7) of the buildings vacant. Building 8 is currently occupied and served as a police station at the time of this inspection. This inspection was limited to building one (1) to four (4) and 7 - 8. Buildings 1-4 and 7, are comprised of brick exterior. The interiors are comprised of plaster and drywall with wallpaper. Each has a flat roof, and a concrete foundation. In addition, the interior floor is comprised of vinyl sheet flooring and floor tiles. The asbestos inspection of building 8 was limited to the exterior which was comprised of a plaster wall. All suspect asbestos-containing building materials within Building 8 are considered asbestos-containing until the materials are sampled and tested. As part of the inspection, suspect asbestos containing materials identified and sampled onsite within buildings 1-4 and 7 includes exterior window caulk, vinyl sheet flooring and texture/joint compound. Additionally, suspect exterior wall expansion joint was identified and sampled as part of the exterior inspection of building 8. As a result, asbestos-containing *texture and joint compound, vinyl sheet flooring, exterior wall expansion joint and exterior window caulk* were identified as part of this inspection. It should be noted that the garage attached to Building 7 was not accessible, therefore all building materials in the garage are considered as ACM until sampling can be performed for verification. Prior to this inspection, Phase I and Phase II Environmental Site Assessment was performed by the United States Environmental Protection Agency (EPA) in May and April of 2019, the assessments was limited to building 5 and 6. Records of the EPA environmental site assessments were provided to MEM for review. The following tables summarize the homogenous location, condition, type, percent and quantity of the ACM that was identified during this inspection. The correlating analytical data, area diagram and photographs (illustrating sampling locations) are included in the appendix to this report.

ASBESTOS-CONTAINING MATERIALS

The tables below shows the locations, descriptions and the quantity of the ACM identified throughout the buildings.

TABLE I: FORMER THOMAS HOSPITAL – BUILDING 1-3 (NURSING HOME) - ACM IDENTIFIED

CHAIN OF CUSTODY SAMPLE NUMBERS	ACM DESCRIPTION	HOMOGENOUS LOCATIONS	CONDITION	TYPE	% ASBESTOS/TYPE	NESHAP CLASSIFICATION	TOTAL QUANTITY	ESTIMATED COST	NOTES
PLM 12-14, 30-42 (Sampled 2/10/20)	Tan, yellow and beige sheet flooring	Room 13, 20, 21, 22 floor and Room 1-12, 23-130	Good	Misc.	30-60% Chrysotile	Category I Non-Friable	12,992-FT^2	$64,960	Observed throughout the nursing home wing (Building 1-3). Including beneath the 12x12 floor tiles
PLM 1-11, 53-56, 66-75 (Sampled 2/10/20)	Texture and Joint Compound	Room 1-130 Wall systems	Good	Misc.	2% Chrysotile	Friable ACM	31,680-FT^2	$158,400	The entire wall systems, including rooms with drywall ceiling systems are considered as homogenous.
PLM 22-24 (Sampled 2/14/20)	Window Caulk	Building 1-3 Exterior	Damaged	Misc.	4-8% Chrysotile	Category I Non-Friable	24	$8,784	All the exterior window units including building 3 & 4 connecting hallway
							TOTAL ESTIMATED PRICE FOR ABATEMENT		$232,144

TABLE II: FORMER THOMAS HOSPITAL – BUILDING 4 (WEST WING) - ACM IDENTIFIED

CHAIN OF CUSTODY SAMPLE NUMBERS	ACM DESCRIPTION	HOMOGENOUS LOCATIONS	CONDITION	TYPE	% ASBESTOS/TYPE	NESHAP CLASSIFICATION	TOTAL QUANTITY	ESTIMATED COST	NOTES
PLM 10-12 (Sampled 2/12/20)	Yellow sheet flooring	Room 1-4	Good	Misc.	30-60% Chrysotile	Category I Non-Friable	3,406-FT^2	$17,030	Sheet flooring within building 4 and 7 are considered as one homogenous area. It was also observed beneath 12x12 floor tiles throughout building 4.
PLM 1-6 (Sampled 2/12/20)	Texture and Joint Compound	Room 1-6	Good	Misc.	2% Chrysotile	Friable ACM	5,465-FT^2	$27,325	The entire wall systems within building 4 are considered as homogenous.
							TOTAL ESTIMATED PRICE FOR ABATEMENT		$44,355

TABLE III: FORMER THOMAS HOSPITAL – BUILDING 7 (EAST WING) - ACM IDENTIFIED

CHAIN OF CUSTODY SAMPLE NUMBERS	ACM DESCRIPTION	HOMOGENOUS LOCATIONS	CONDITION	TYPE	% ASBESTOS/TYPE	NESHAP CLASSIFICATION	TOTAL QUANTITY	ESTIMATED COST	NOTES
PLM 38-41, 54-56 (Sampled 2/12/20)	Yellow & tan sheet flooring	Room 1-36	Good	Misc.	30-60% Chrysotile	Category I Non-Friable	27,123-FT^2	$135,615	The entire Sheet flooring within building 4 and 7 are considered as one homogenous area. It was also observed beneath 12x12 floor tiles throughout building 4.
PLM 20-24, 26, 28-37 (Sampled 2/12/20)	Texture and Joint Compound	Room 1-36	Good	Misc.	2% Chrysotile	Friable ACM	55,356-FT^2	$276,780	The entire wall texture and joint compound within building 4 are considered as homogenous.
PLM 19-21 (Sampled 2/14/20)	Window Caulk	Building 7 exterior	Damaged	Misc.	8% Chrysotile	Category I Non-Friable	16	$5,856	All the exterior window units within building 7
							TOTAL ESTIMATED COST OF ABATEMENT		$418,251

TABLE IV: FORMER THOMAS HOSPITAL – POLICE STATION EXTERIOR - ACM IDENTIFIED

CHAIN OF CUSTODY SAMPLE NUMBERS	ACM DESCRIPTION	HOMOGENOUS LOCATIONS	CONDITION	TYPE	% ASBESTOS/TYPE	NESHAP CLASSIFICATION	TOTAL QUANTITY	ESTIMATED COST	NOTES
PLM 31-33 (Sampled 2/14/20)	Wall expansion joint texture & barrier	Building Exterior	Good	Misc.	2-5% Chrysotile	Friable ACM	28 Joints (~336 linear feet)	$95,000	The entire Sheet flooring within building 4 and 7 are considered as one homogenous area. It was also observed beneath 12x12 floor tiles throughout building 4.
							TOTAL ESTIMATED PRICE FOR ABATEMENT		$95,000

OVERALL TOTAL ESTIMATED COST

TOTAL ESTIMATED PRICE FOR ABATEMENT	$789,750
TOTAL ESTIMATED COST OF PROJECT DESIGN & THIRD-PARTY AIR MONITORING	$90,000
TOTAL ESTIMATED COST OF ABATEMENT TO INCLUDE THIRD-PARTY AIR MONITORING	$879,750

REGULATED ASBESTOS-RESPONSE ACTIONS

- The Friable ACM (i.e. joint compound, texture and exterior wall expansion joint) must be abated prior to the commencement of certain renovation and demolition activities. However, it should be noted that sheet flooring can remain in place during demolition. Should the sheet flooring be removed prior to demolition, this would render the material Friable, and therefore removal categorized as Regulated ACM.
- The abatement of the asbestos-containing joint compound, texture, window caulk, sheet flooring and wall expansion joint must be carried out as ***Class II Work*** in accordance with OSHA.
- According to the ODOL, an Asbestos-Abatement Contractor, licensed by the ODOL, is required to perform the abatement of the Friable ACM (i.e. joint compound/texture, sheet flooring (if abated) and wall expansion joint).
- Adequate training and the appropriate certifications and licensure must be in place prior to the commencement of friable-abatement activities.
- An Asbestos-Abatement Project Design must be prepared and approved by the ODOL prior to the abatement of the Friable ACM with Third-Party Asbestos Abatement Air Monitoring while the abatement is taking place.
- An EPA NESHAP Notification must be submitted to and approved by the ODEQ ten business days prior to the commencement of certain abatement and/or renovation and any demolition activities.

REGULATORY REVIEW

Asbestos Containing Materials are any materials which consist of >1% asbestos, as defined by the EPA-Approved Analytical Method 40 CFR Chapter I, Part 763, Subpart F, Appendix C, referred to as *Interim Method for determination of Asbestos in Bulk Insulation Samples*, using Polarized Light Microscopy (PLM), US EPA 600/M4-82-020 1982. Prior to 1980, asbestos was commonly utilized during construction in addition to being found in various building materials. In 1994, OSHA required employers to identify ACM in pre-1980 construction as part of its Standard for Occupational Exposure to Asbestos in Construction (29 CFR 1926.1101). This OSHA standard covers maintenance, repair, and removal functions involving ACM or Presumed ACM (PACM). In addition, the OSHA General Industry Standard (29 CFR 1910.1001) also requires employers to notify employees who would be performing housekeeping activities in public and commercial buildings around ACM or PACM. Without asbestos inspections, owners and/or operators must treat suspected ACM as asbestos-containing.

As part of the ODOL Public Employees Occupational Safety and Health (PEOSH) Program, the Oklahoma Occupational Health and Safety Standards Act and Administrative Rules (OAC 380:40) adopts most of the Federal OSHA Standards. In accordance with 29 CRF 1910.1001, the OSHA Asbestos Standard, when a building owner or employer identifies previously installed ACM and/or PACM, labels or signs shall be affixed or posted so that employees will be notified of what materials contain ACM and/or PACM. Warning signs shall be provided and displayed at all approaches to and inside regulated areas so that an employee may read the signs and take necessary protective steps before entering the area. The asbestos warning labels are to be readily visible and include the following warning:

DANGER
ASBESTOS
MAY CAUSE CANCER
ASBESTOS CAUSES DAMAGE TO LUNGS
AUTHORIZED PERSONNEL ONLY

The EPA requires asbestos inspections in school buildings in grades Kindergarten through 12 as part of the Asbestos Hazard Emergency Response Act (AHERA), which is authorized in 40 CFR 763.6. The AHERA sampling protocol addresses the systematic sample collection of all forms of ACM in addition to categorizing ACM materials as friable Category I or II non-friable. An AHERA Inspection must also evaluate the condition and the potential for disturbance of ACM. If asbestos is present within school facilities grades K-12, an Asbestos Management Plan is required by the Local Educational Authority (LEA) to be in place.

Along with AHERA, the EPA also regulates commercial asbestos abatement activities. A NESHAP notification must be submitted to the Oklahoma Department of Environmental Quality (ODEQ) ten-business days prior to the initiation of certain abatement/renovation and any demolition activities where ACM are present in quantities that meet or exceed 160-square feet ($ft.^2$), 260-linear ft. or 35-cubic ft. ($ft.^3$). Instructions regarding NESHAP notification requirements and ODEQ compliance are provided on the DEQ website: *https://www.deq.ok.gov/wp-content/uploads/deqmainresources/AsbestosNESHAP_06-2019.pdf.* Land disposal requirements are also regulated by the EPA through State Landfill Permits. These efforts are now administered by the ODEQ Air Quality and Land Protection regulations. The ODEQ requires the advance filing of a NESHAP notification when any demolition or renovation activities take place. The NESHAP notification process tracks abated ACM to an ODEQ approved landfill on a project-by-project basis.

The ODOL Asbestos Division regulates asbestos abatement by implementing the rules that govern the abatement of friable ACM. Under the ODOL asbestos rule, OAC 380:50, only adequately licensed contractors can perform asbestos abatement, develop management plans and project designs. All abatement supervisors, abatement workers and asbestos inspectors must be licensed by the ODOL. The ODOL Rules are available on the ODOL web site: *http://www.ok.gov/odol/*.

LIMITATIONS OF SURVEY

This asbestos inspection was limited to certain aspects of the building construction. Certain limitations can restrict and/or prevent the complete inspection of hidden or inaccessible building materials. Furthermore, locations presenting a hazard to bystanders or the inspector were not assessed. The findings resulting from this inspection are valid as of the date this inspection was performed. However, changes in the condition of a structure may certainly occur with the passage of time, whether due to natural processes or the works of man. Additionally, changes in applicable or appropriate standards may also occur possibly resulting from legislation or the expansion of knowledge.

Our investigation was conducted using the degree of care and skill ordinarily exercised by professional consultants under similar circumstances practicing in this or similar localities. Professional services have been performed; results associated with this inspection were obtained and reported in accordance with generally accepted principles and practices. No other representations, either expressed or implied, are made. Marshall

Environmental Management, Incorporated is not responsible for independent conclusions, opinions or recommendations made by others. It should also be noted that as-built plans were not available for review or use in the planning of this asbestos inspection.

ATTACHMENTS

CHAIN OF CUSTODY & LABORATORY ANALYSES

AREA DIAGRAM

ILLUSTRATING ACM LOCATIONS

CERTIFICATION/LICENSURE

0022-021020-PLM

Nursing Home Bldg.

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N MARTIN LUTHER KING AVENUE
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www.marshallenvironmental.com

CHAIN OF CUSTODY

PROJECT INFORMATION

PROJECT ID. NO.	0009-EN-010820-50
PROJECT NAME	Former Thomas Hospital
ADDRESS	610 E Broadway Street
CITY| STATE| ZIP	Thomas, OK 73669
CONTACT	Jennifer Billy
PHONE NUMBER	405.538.9223
EMAIL ADDRESS	thomasacoc@pldi.net

CONTACT INFORMATION

COMPANY	OK DEQ
ATTENTION	Rachel Franks
ADDRESS	PO Box 1677
CITY| STATE| ZIP	OKC, OK 73101
PHONE NUMBER	405.702.5103
ALTERNATE NO.	
EMAIL ADDRESS	rachel.franks@deq.ok

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0022	2-10-20	PLM	1	Room 2 Wall system - SW corner	Good Intact Cooper 6/22/20					X	
			2	SE corner							
			3	NW corner							
			4	Room 1 NE corner							
			5	Room 7 SW corner							
			6	Room 9 E side central corner							
			7	Room 20 SW corner							
			8	Room 15 SW corner							
			9	Room 18 SW corner							
			10	Room 18 NE corner							

COLLECTED BY	Jacob Bartels	DATE	2-10-20	RELINQUISHED BY	DATE 2-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm		TIME 5:30 pm
		DATE	02/11/20	LABORATORY NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

PAGE NUMBER 1 OF 8

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CHAIN OF CUSTODY

PROJECT INFORMATION

PROJECT ID. NO.	
PROJECT NAME	
ADDRESS	See page 1
CITY| STATE| ZIP	
CONTACT	
PHONE NUMBER	
EMAIL ADDRESS	

CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1
CITY| STATE| ZIP	
PHONE NUMBER	
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0022	2-10-20	ALM	11	Wall system Room 18 NW corner	Good ~~Intact~~ Cooper 6/22/20					X	
			12	Vinyl Flooring Room 19 N							
			13	E							
			14	W							
			15	room 14 N							
			16	E							
			17	W							
			18	rm 22 W							
			19	rm 16 E							
			20	rm 9 NW							

COLLECTED BY	Jacob Bartels	DATE	02/10/20	RELINQUISHED BY	DATE 02-10-20
RECEIVED BY IN LABORATORY		TIME	2:30pm		TIME 5:30 pm
		DATE	02/11/20	LABORATORY NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

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CHAIN OF CUSTODY

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CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1
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SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0027	02-10-20	PLM	21	Vinyl Flooring room 13 E	Good ~~Intact~~ 6/27/20					X	
			22	rm ~~22~~ 14 N							
			23	rm ~~23~~ 6 SE							
			24	rm 20 SW							
			25	rm. 8 E							
			26	rm 1 S							
			27	rm 5 W							
			28	rm 21 S							
			29	rm 1 N							
			30	rm 20 W HI							

COLLECTED BY	Jacob Bartels	DATE	2-10-20	RELINQUISHED BY	DATE 2-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm		TIME 5:30pm
		DATE	02/11/20	LABORATORY NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

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CHAIN OF CUSTODY

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PROJECT NAME	
ADDRESS	See page 1
CITY| STATE| ZIP	
CONTACT	
PHONE NUMBER	
EMAIL ADDRESS	

CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1
CITY| STATE| ZIP	
PHONE NUMBER	
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | X BULK | O OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0022	02-10-20	PLM	31	Vinyl Flooring rm 20 N H1	Good Intact Cracking Graffiti					X	
			32	rm 20 E H1							
			33	rm 7 N							
			34	rm 22 W							
			35	rm 18 W							
			36	rm 13 S							
			37	119 S							
			38	122 N							
			39	123 S							
			40	129 W							

COLLECTED BY	Jacob Bartels	DATE	02-10-20	RELINQUISHED BY	DATE ~~3:30pm~~ 02-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm	LABORATORY	TIME 5:30pm
		DATE	02/11/20	NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

PAGE NUMBER 4 OF 8

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CHAIN OF CUSTODY

PROJECT INFORMATION

PROJECT ID. NO.	
PROJECT NAME	
ADDRESS	See page 1
CITY| STATE| ZIP	
CONTACT	
PHONE NUMBER	
EMAIL ADDRESS	

CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1
CITY| STATE| ZIP	
PHONE NUMBER	
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0027	02-10-20	PLM	41	Vinyl Floor in rm 126 E	Good Condition Intact finish					X	
			42	rm 125 NW							
			43	Floor Tile rm 123 N							
			44	rm 126 W							
			45	rm 130 E							
			46	rm 105 N							
			47	rm 112 E							
			48	rm 102 S							
			49	rm 115 W							
			50	rm 5 W							

COLLECTED BY	Jacob Bartels	DATE	02-10-20	RELINQUISHED BY	DATE 02-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm		TIME 5:30pm
		DATE	02/11/20	LABORATORY NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

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CITY| STATE| ZIP	
CONTACT	See page 1
PHONE NUMBER	
EMAIL ADDRESS	

CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	
CITY| STATE| ZIP	
PHONE NUMBER	See page 1
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | X BULK | O OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
6022	02-10-20	PLM	51	Floor Tile	rm 5 E	Good Intact condition 6/6/				X	
			52	Floor Tile	rm 5 N						
			53	Wall System	rm 118 SW corner						
			54	wall system	rm 123 SW corner						
			55	wall system	rm 128 NE corner						
			56	↓	rm 129 NW corner						
			57	Ceiling Tile	rm 130 NE						
			58		rm 125 N						
			59		rm 119 S						
			60		rm 1 N						

COLLECTED BY	Jacob Bartels	DATE	02-10-20	RELINQUISHED BY	DATE 02-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm	LABORATORY NOTES	TIME 5:30pm
		DATE	02/11/20	acceptable	
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

PAGE NUMBER 6 OF 8

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CHAIN OF CUSTODY

PROJECT INFORMATION

PROJECT ID. NO.	
PROJECT NAME	
ADDRESS	See page 1
CITY| STATE| ZIP	
CONTACT	
PHONE NUMBER	
EMAIL ADDRESS	

CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1
CITY| STATE| ZIP	
PHONE NUMBER	
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0022	02-10-20	PLM	61	Ceiling Tile rm 2 N	Good Intact 6/22/21					X	
			62	rm 21 E							
			63	Ceiling Tile rm 115 N							
			64	rm 110 E							
			65	rm 101 W							
			66	Wall system rm 116 SE							
			67	rm 109 NW							
			68	~~Drywall~~ Ceiling Wall System rm 26 S							
			69	rm 26 W							
			70	rm 26 N							

COLLECTED BY	Jacob Bartels	DATE	02-10-20	RELINQUISHED BY	DATE 02-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm		TIME 5:30pm
		DATE	02/11/20	LABORATORY NOTES	acceptable
		TIME	0800		

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

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CHAIN OF CUSTODY

PROJECT INFORMATION

PROJECT ID. NO.	
PROJECT NAME	
ADDRESS	See page 1
CITY| STATE| ZIP	
CONTACT	
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CONTACT INFORMATION

COMPANY	
ATTENTION	
ADDRESS	See page 1.
CITY| STATE| ZIP	
PHONE NUMBER	
ALTERNATE NO.	
EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business)		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | X BULK | O OTHER

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
00228	02/10/20	PLM	71	Wall System rm 104 SE corner	Good					X	
			72	Wall System rm 101 E corner	~~Intact~~ Good						
			73	Ceiling Wall System rm 28 S							
			74	E							
			75	W							

COLLECTED BY	Jacob Bartels	DATE	02-10-20	RELINQUISHED BY		DATE	02-10-20
RECEIVED BY IN LABORATORY		TIME	3:30pm			TIME	5:30pm
		DATE	02/11/20	LABORATORY NOTES	acceptable		
		TIME	0800				

FIELD NOTES

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-01A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-01B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-01C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-01D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-02A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-02B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-02C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-02D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-03A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-03B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-03C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-03D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0022-021020-PLM-04A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0022-021020-PLM-04B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-04C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-04D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0022-021020-PLM-05A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0022-021020-PLM-05B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-05C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-05D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-06A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-06B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-06C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-06D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-07A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-07B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-07C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-07D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-08A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-08B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-08C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-08D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0022-021020-PLM-09A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0022-021020-PLM-09B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-09C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-09D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0022-021020-PLM-10A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0022-021020-PLM-10B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-10C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-10D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-11A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-11B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-11C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-11D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-12A	Sheet Vinyl	Beige	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-12B	Mastic	Yellow	3%	Chrysotile	97%	Adhesive
0022-021020-PLM-13A	Sheet Vinyl	Beige	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-13B	Mastic	Yellow	3%	Chrysotile	97%	Adhesive
0022-021020-PLM-14A	Sheet Vinyl	Beige	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-14B	Mastic	Yellow	3%	Chrysotile	97%	Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0022-021020-PLM-15A	Sheet Vinyl	Tan	NO ASBESTOS DETECTED	50% Vinyl, 20% Synthetic Fibers, 30% Cellulose
0022-021020-PLM-15B	Mastic	Pale Yellow	NO ASBESTOS DETECTED	98% Adhesive, 2% Cellulose
0022-021020-PLM-16A	Sheet Vinyl	Tan	NO ASBESTOS DETECTED	50% Vinyl, 20% Synthetic Fibers, 30% Cellulose
0022-021020-PLM-16B	Mastic	Pale Yellow	NO ASBESTOS DETECTED	98% Adhesive, 2% Cellulose
0022-021020-PLM-17A	Sheet Vinyl	Tan	NO ASBESTOS DETECTED	50% Vinyl, 20% Synthetic Fibers, 30% Cellulose
0022-021020-PLM-17B	Mastic	Pale Yellow	NO ASBESTOS DETECTED	98% Adhesive, 2% Cellulose
0022-021020-PLM-18A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-18B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-19A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-19B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive

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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0022-021020-PLM-20A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-20B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-21A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-21B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-22A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-22B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-23A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-23B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-24A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-24B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0022-021020-PLM-25A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-25B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-26A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-26B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-27A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-27B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-28A	Floor Tile	Cream	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-28B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-29A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-29B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0022-021020-PLM-30A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-30B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-30C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-31A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-31B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-31C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-32A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-32B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-32C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-33	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl		
					20%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-34	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-35	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-36	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-37	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-38	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-39	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-40	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-41	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-42	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl
					20%	Cellulose
0022-021020-PLM-43A	Floor Tile	Beige		NO ASBESTOS DETECTED	100%	Vinyl Aggregate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0022-021020-PLM-43B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-44A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-44B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-45A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-45B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-46A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-46B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-47A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0022-021020-PLM-47B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0022-021020-PLM-48A	Floor Tile	Beige	NO ASBESTOS DETECTED	100% Vinyl Aggregate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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405.616.0401 | FAX: 405.681.6753 | MEM@marshallenvironmental.com
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-48B	Mastic	Yellow	NO ASBESTOS DETECTED		100%	Adhesive
0022-021020-PLM-49A	Floor Tile	Beige	NO ASBESTOS DETECTED		100%	Vinyl Aggregate
0022-021020-PLM-49B	Mastic	Yellow	NO ASBESTOS DETECTED		100%	Adhesive
0022-021020-PLM-50A	Floor Tile	Tan	NO ASBESTOS DETECTED		100%	Vinyl Aggregate
0022-021020-PLM-50B	Mastic	Dark Yellow	NO ASBESTOS DETECTED		95%	Adhesive
					5%	Cellulose
0022-021020-PLM-51A	Floor Tile	Tan	NO ASBESTOS DETECTED		100%	Vinyl Aggregate
0022-021020-PLM-51B	Mastic	Dark Yellow	NO ASBESTOS DETECTED		95%	Adhesive
					5%	Cellulose
0022-021020-PLM-52A	Floor Tile	Tan	NO ASBESTOS DETECTED		100%	Vinyl Aggregate
0022-021020-PLM-52B	Mastic	Dark Yellow	NO ASBESTOS DETECTED		95%	Adhesive
					5%	Cellulose
0022-021020-PLM-53A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	2/12/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-53B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-53C	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-53D	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-53E	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0022-021020-PLM-54A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-54B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-54C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-54D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0022-021020-PLM-55A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-55B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0022-021020-PLM-55C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0022-021020-PLM-55D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0022-021020-PLM-56A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0022-021020-PLM-56B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0022-021020-PLM-56C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0022-021020-PLM-56D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0022-021020-PLM-57	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0022-021020-PLM-58	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0022-021020-PLM-59	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0022-021020-PLM-60	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0022-021020-PLM-61	Ceiling Tile	White	NO ASBESTOS DETECTED		40% Cellulose	20% Perlite		
					30% Fibrous Glass	10% Paint		
0022-021020-PLM-62	Ceiling Tile	White	NO ASBESTOS DETECTED		40% Cellulose	20% Perlite		
					30% Fibrous Glass	10% Paint		
0022-021020-PLM-63	Ceiling Tile	White	NO ASBESTOS DETECTED		40% Cellulose	20% Perlite		
					30% Fibrous Glass	10% Paint		
0022-021020-PLM-64	Ceiling Tile	White	NO ASBESTOS DETECTED		40% Cellulose	20% Perlite		
					30% Fibrous Glass	10% Paint		
0022-021020-PLM-65	Ceiling Tile	White	NO ASBESTOS DETECTED		40% Cellulose	20% Perlite		
					30% Fibrous Glass	10% Paint		
0022-021020-PLM-66A	Texture	White	2% Chrysotile		88% Calcium Carbonate			
					10% Paint			
0022-021020-PLM-66B	Tape	White	NO ASBESTOS DETECTED		100% Cellulose			
0022-021020-PLM-66C	Joint Compound	White	2% Chrysotile		98% Calcium Carbonate			
0022-021020-PLM-66D	Drywall	White	NO ASBESTOS DETECTED		85% Gypsum			
					15% Cellulose			
0022-021020-PLM-67A	Texture	White	2% Chrysotile		88% Calcium Carbonate			
					10% Paint			

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-67B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-67C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-67D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0022-021020-PLM-68A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-68B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-68C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-68D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0022-021020-PLM-69A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-69B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0022-021020-PLM-69C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-69D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-70A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-70B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-70C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-70D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-71A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-71B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-71C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-71D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-72A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0022-021020-PLM-72B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose		
0022-021020-PLM-72C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0022-021020-PLM-72D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum		
					15%	Cellulose		
0022-021020-PLM-73	Drywall	White	NO ASBESTOS DETECTED		70%	Gypsum	10%	Paint
					15%	Cellulose		
0022-021020-PLM-74	Drywall	White	NO ASBESTOS DETECTED		70%	Gypsum	10%	Paint
					15%	Cellulose		
0022-021020-PLM-75	Drywall	White	NO ASBESTOS DETECTED		70%	Gypsum	10%	Paint
					15%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓ STANDARD (5-7 business) | NEXT DAY | SAME DAY

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0025	02/12/20	PLM	01	W. Wing Bldg. - Rm 1 - East - Wall System	Good					✓	
0025	02/12/20	PLM	02	W. Wing Bldg. - Rm 1b - South - Wall System						✓	
0025	02/12/20	PLM	03	W. Wing Bldg. - Rm 2 - NW Corner - Wall System						✓	
0025	02/12/20	PLM	04	W. Wing Bldg. - Rm 3 - NW Corner - Wall System						✓	
0025	02/12/20	PLM	05	W. Wing Bldg. - Rm 5 - NE Corner - Wall System						✓	
0025	02/12/20	PLM	06	W. Wing Bldg. - Rm 6 - West - Wall System						✓	
0025	02/12/20	PLM	07	W. Wing Bldg. - Rm 2 - East - Floor Tile						✓	
0025	02/12/20	PLM	08	W. Wing Bldg. - Rm 1 - Center - Floor Tile						✓	
0025	02/12/20	PLM	09	W. Wing Bldg. - Rm 3 - East - Floor Tile						✓	
0025	02/12/20	PLM	10	W. Wing Bldg. - Rm 2 - East - Vinyl Sheet Flooring						✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY	[signature]	DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY	[signature]	DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	1	OF	6

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CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓	STANDARD (5-7 business		NEXT DAY		SAME DAY
✓					

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	(B)	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0025	02/12/20	PLM	11	W. Wing Bldg. - Rm 3 - West - Vinyl Sheet Flooring	GOOD					✓	
0025	02/12/20	PLM	12	W. Wing Bldg. - Rm 12 - West - Vinyl Sheet Flooring						✓	
0025	02/12/20	PLM	13	W. Wing Bldg. - Rm 2 - Ceiling Tile						✓	
0025	02/12/20	PLM	14	W. Wing Bldg. - Rm 4 - Ceiling Tile						✓	
0025	02/12/20	PLM	15	W. Wing Bldg. - Rm 3 - Ceiling Tile						✓	
0025	02/12/20	PLM	16	W. Wing Bldg. - Nursing Home - Hosp. Hallway - West - Wall System						✓	
0025	02/12/20	PLM	17	W. Wing Bldg. - Nursing Home - Hosp. Hallway - South - Wall System						✓	
0025	02/12/20	PLM	18	W. Wing Bldg. - Nursing Home - Hosp. Hallway - North - Wall System						✓	
0025	02/12/20	PLM	19	E. Wing (52nd St.) - Rm 3 - SW Corner - Wall System						✓	
0025	02/12/20	PLM	20	E. Wing (52nd St.) - Rm 4 - NW Corner - Wall System						✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY	[signature]	DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY	[signature]	DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	2	OF	6

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓	STANDARD (5-7 business)		NEXT DAY		SAME DAY
✓					

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER_____

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0025	02/12/20	PLM	21	E. Wing (52nd St.) - Rm 6 - NE Corner - Wall System	GOOD					✓	
0025	02/12/20	PLM	22	E. Wing (52nd St.) - Rm 4 - Ceiling Wall System						✓	
0025	02/12/20	PLM	23	E. Wing (52nd St.) - Rm 6 - Ceiling Wall System						✓	
0025	02/12/20	PLM	24	E. Wing (52nd St.) - Rm 16 - Ceiling Wall System						✓	
0025	02/12/20	PLM	25	E. Wing (52nd St.) - Rm 13 - North Wall - Wall System						✓	
0025	02/12/20	PLM	26	E. Wing (52nd St.) - Rm 20 - NW - Wall System						✓	
0025	02/12/20	PLM	27	E. Wing (52nd St.) - Rm 22 - West - Wall System						✓	
0025	02/12/20	PLM	28	E. Wing (52nd St.) - S Hallway by Rm 18 - SE - Wall System						✓	
0025	02/12/20	PLM	29	E. Wing (52nd St.) - Rm 26 - SE Corner - Wall System						✓	
0025	02/12/20	PLM	30	E. Wing (52nd St.) - Rm 28 - NW Corner - Wall System						✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY		DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	3	OF	6

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www.marshallenvironmental.com

CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓	STANDARD (5-7 business		NEXT DAY		SAME DAY
✓					

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	(B)	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0025	02/12/20	PLM	31	E. Wing (52nd St.) - Rm 29 - East - Wall System	Good					✓	
0025	02/12/20	PLM	32	E. Wing (52nd St.) - Rm 24 - NE Corner - Wall System						✓	
0025	02/12/20	PLM	33	E. Wing (52nd St.) - Rm 30 - Hallway - SE - Wall System						✓	
0025	02/12/20	PLM	34	E. Wing (52nd St.) - Rm 32 - North - Wall System						✓	
0025	02/12/20	PLM	35	E. Wing (52nd St.) - Rm 33 - SE Corner - Wall System						✓	
0025	02/12/20	PLM	36	E. Wing (52nd St.) - Rm 34 - East Corner - Wall System						✓	
0025	02/12/20	PLM	37	E. Wing (52nd St.) - Rm 36 - Hallway - NW - Wall System						✓	
0025	02/12/20	PLM	38	E. Wing (52nd St.) - Rm 33A - Sheet Flooring						✓	
0025	02/12/20	PLM	39	E. Wing (52nd St.) - Rm 31 - Vinyl Sheet Flooring						✓	
0025	02/12/20	PLM	40	E. Wing (52nd St.) - Rm 34 - Vinyl Sheet Flooring						✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY		DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	4	OF	6

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓	STANDARD (5-7 business)		NEXT DAY		SAME DAY
✓					

SAMPLE MATRIX / MEDIA

MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER_____

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0025	02/12/20	PLM	41	E. Wing (52nd St.) - Rm 2 - Vinyl Sheet Flooring	GOOD					✓	
0025	02/12/20	PLM	42	E. Wing (52nd St.) - Rm 27 - Ceiling Tile						✓	
0025	02/12/20	PLM	43	E. Wing (52nd St.) - Rm 2b - Hallway - Ceiling Tile						✓	
0025	02/12/20	PLM	44	E. Wing (52nd St.) - Rm 1 - Ceiling Tile						✓	
0025	02/12/20	PLM	45	E. Wing (52nd St.) - Rm 32 - East - Wall Cover						✓	
0025	02/12/20	PLM	46	E. Wing (52nd St.) - Rm 32 - South - Wall Cover						✓	
0025	02/12/20	PLM	47	E. Wing (52nd St.) - Rm 32 - West - Wall Cover						✓	
0025	02/12/20	PLM	48	E. Wing (52nd St.) - Rm 22 - Hallway - Wall Cover						✓	
0025	02/12/20	PLM	49	E. Wing (52nd St.) - Rm 27 - Hallway - N - Wall Cover						✓	
0025	02/12/20	PLM	50	E. Wing (52nd St.) - Rm 32 - Hallway - S - Wall Cover						✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY		DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES

METHOD OF SHIPMENT: Hand Delivery

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

✓	STANDARD (5-7 business)		NEXT DAY		SAME DAY
✓					

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	(B)	BULK	O	OTHER
						B			

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0025	02/12/20	PLM	51	E. Wing (52nd St.) - Rm 16 - North - Floor Tile (12x12)	GOOD					✓	
0025	02/12/20	PLM	52	E. Wing (52nd St.) - Rm 9 - East - Floor Tile						✓	
0025	02/12/20	PLM	53	E. Wing (52nd St.) - Rm 2 - Hallway - East - Floor Tile						✓	
0025	02/12/20	PLM	54	E. Wing (52nd St.) - Rm 34 - H2 - East - Sheet Flooring						✓	
0025	02/12/20	PLM	55	E. Wing (52nd St.) - Rm 34 - H2 - West - Sheet Flooring						✓	
0025	02/12/20	PLM	56	E. Wing (52nd St.) - Rm 34 - H2 - South - Sheet Flooring						✓	
										✓	
										✓	
										✓	
										✓	

COLLECTED BY	Eneojo Onuche	DATE	2/12/2020	RELINQUISHED BY		DATE	2/12/2020
		TIME	14:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/13/20	LABORATORY NOTES	acceptable		
		TIME	0900				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	6	OF	6

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-01A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-01B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-01C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-01D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0025-021220-PLM-02A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-02B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-02C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-02D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0025-021220-PLM-03A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-03B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/13/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-03C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-03D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0025-021220-PLM-04A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0025-021220-PLM-04B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-04C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-04D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0025-021220-PLM-05A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0025-021220-PLM-05B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-05C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-05D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/13/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

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SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-06A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-06B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-06C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-06D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0025-021220-PLM-07A	Floor Tile	Beige		NO ASBESTOS DETECTED	100%	Vinyl Aggregate
0025-021220-PLM-07B	Mastic	Yellow		NO ASBESTOS DETECTED	100%	Adhesive
0025-021220-PLM-08A	Floor Tile	Beige		NO ASBESTOS DETECTED	100%	Vinyl Aggregate
0025-021220-PLM-08B	Mastic	Yellow		NO ASBESTOS DETECTED	100%	Adhesive
0025-021220-PLM-09A	Floor Tile	Beige		NO ASBESTOS DETECTED	100%	Vinyl Aggregate
0025-021220-PLM-09B	Mastic	Yellow		NO ASBESTOS DETECTED	100%	Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	2/13/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0025-021220-PLM-10	Vinyl Flooring (Top)	Yellow	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-11	Vinyl Flooring (Top)	Yellow	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-12	Vinyl Flooring (Top)	Yellow	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-13	Ceiling Tile	White	NO ASBESTOS DETECTED	40% Cellulose, 20% Perlite, 30% Fibrous Glass, 10% Paint
0025-021220-PLM-14	Ceiling Tile	White	NO ASBESTOS DETECTED	40% Cellulose, 20% Perlite, 30% Fibrous Glass, 10% Paint
0025-021220-PLM-15	Ceiling Tile	White	NO ASBESTOS DETECTED	40% Cellulose, 20% Perlite, 30% Fibrous Glass, 10% Paint
0025-021220-PLM-16A	Texture	White	NO ASBESTOS DETECTED	90% Calcium Carbonate, 10% Paint
0025-021220-PLM-16B	Tape	White	NO ASBESTOS DETECTED	95% Cellulose, 5% Fibrous Glass
0025-021220-PLM-16C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0025-021220-PLM-16D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum, 15% Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/13/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0025-021220-PLM-17A	Texture	White	NO ASBESTOS DETECTED	90% Calcium Carbonate 10% Paint
0025-021220-PLM-17B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0025-021220-PLM-17C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0025-021220-PLM-17D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0025-021220-PLM-18A	Texture	White	NO ASBESTOS DETECTED	90% Calcium Carbonate 10% Paint
0025-021220-PLM-18B	Tape	White	NO ASBESTOS DETECTED	100% Fibrous Glass
0025-021220-PLM-18C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0025-021220-PLM-18D	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0025-021220-PLM-18E	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0025-021220-PLM-18F	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/13/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0025-021220-PLM-19A	Wall Covering	Beige	NO ASBESTOS DETECTED		50%	Vinyl	10%	Adhesive
					40%	Cellulose		
0025-021220-PLM-19B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose		
0025-021220-PLM-19C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate		
0025-021220-PLM-19D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-20A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-20B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose		
0025-021220-PLM-20C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-20D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-21A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-21B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-21C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-21D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0025-021220-PLM-22A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0025-021220-PLM-22B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-22C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-22D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose
0025-021220-PLM-23A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0025-021220-PLM-23B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-23C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-23D	Drywall	White		NO ASBESTOS DETECTED	85% 15%	Gypsum Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-24A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-24B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-24C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-24D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0025-021220-PLM-25A	Texture	White		NO ASBESTOS DETECTED	90%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-25B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0025-021220-PLM-25C	Joint Compound	White		NO ASBESTOS DETECTED	100%	Calcium Carbonate
0025-021220-PLM-25D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0025-021220-PLM-26A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-26B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose

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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-26C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-26D	Drywall	White	NO ASBESTOS DETECTED		85% 15%	Gypsum Cellulose
0025-021220-PLM-27A	Texture	White	NO ASBESTOS DETECTED		90% 10%	Calcium Carbonate Paint
0025-021220-PLM-27B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0025-021220-PLM-27C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0025-021220-PLM-27D	Drywall	White	NO ASBESTOS DETECTED		85% 15%	Gypsum Cellulose
0025-021220-PLM-28A	Texture	White	2%	Chrysotile	88% 10%	Calcium Carbonate Paint
0025-021220-PLM-28B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0025-021220-PLM-28C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-28D	Drywall	White	NO ASBESTOS DETECTED		85% 15%	Gypsum Cellulose

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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0025-021220-PLM-29A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-29B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-29C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-29D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-30A	Wall Covering	Tan		NO ASBESTOS DETECTED	50%	Vinyl	10%	Adhesive
					40%	Cellulose		
0025-021220-PLM-30B	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-30C	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-30D	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-30E	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-31A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0025-021220-PLM-31B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-31C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-31D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-32A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-32B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-32C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-32D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-33A	Wall Covering	Green		NO ASBESTOS DETECTED	50%	Vinyl	10%	Adhesive
					40%	Cellulose		
0025-021220-PLM-33B	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-33C	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0025-021220-PLM-33D	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-33E	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-34A	Wall Covering	Yellow		NO ASBESTOS DETECTED	50%	Vinyl	10%	Adhesive
					40%	Cellulose		
0025-021220-PLM-34B	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-34C	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-34D	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		
0025-021220-PLM-34E	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0025-021220-PLM-35A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate		
					10%	Paint		
0025-021220-PLM-35B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0025-021220-PLM-35C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0025-021220-PLM-35D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0025-021220-PLM-36A	Wall Covering	Beige	NO ASBESTOS DETECTED		90%	Vinyl
					10%	Adhesive
0025-021220-PLM-36B	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-36C	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0025-021220-PLM-36D	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-36E	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0025-021220-PLM-37A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0025-021220-PLM-37B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0025-021220-PLM-37C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0025-021220-PLM-37D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0025-021220-PLM-38	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl		
					20%	Cellulose		
0025-021220-PLM-39	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl		
					20%	Cellulose		
0025-021220-PLM-40A	Sheet Vinyl	Cream		NO ASBESTOS DETECTED	100%	Vinyl		
0025-021220-PLM-40B	Mastic	White		NO ASBESTOS DETECTED	100%	Adhesive		
0025-021220-PLM-41	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl		
					20%	Cellulose		
0025-021220-PLM-42	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0025-021220-PLM-43	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0025-021220-PLM-44	Ceiling Tile	White		NO ASBESTOS DETECTED	40%	Cellulose	20%	Perlite
					30%	Fibrous Glass	10%	Paint
0025-021220-PLM-45	Wall Covering	Green		NO ASBESTOS DETECTED	50%	Vinyl	10%	Adhesive
					40%	Cellulose		
0025-021220-PLM-46	Wall Covering	Green		NO ASBESTOS DETECTED	50%	Vinyl	10%	Adhesive
					40%	Cellulose		

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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0025-021220-PLM-47	Wall Covering	Green	NO ASBESTOS DETECTED	50% Vinyl, 10% Adhesive, 40% Cellulose
0025-021220-PLM-48	Wall Covering	Beige	NO ASBESTOS DETECTED	50% Vinyl, 10% Adhesive, 40% Cellulose
0025-021220-PLM-49	Wall Covering	Beige	NO ASBESTOS DETECTED	50% Vinyl, 10% Adhesive, 40% Cellulose
0025-021220-PLM-50	Wall Covering	Beige	NO ASBESTOS DETECTED	50% Vinyl, 10% Adhesive, 40% Cellulose
0025-021220-PLM-51A	Floor Tile	Light Gray	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0025-021220-PLM-51B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0025-021220-PLM-52A	Floor Tile	Light Gray	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0025-021220-PLM-52B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive
0025-021220-PLM-53A	Floor Tile	Light Gray	NO ASBESTOS DETECTED	100% Vinyl Aggregate
0025-021220-PLM-53B	Mastic	Yellow	NO ASBESTOS DETECTED	100% Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0025-021220-PLM-54A	Sheet Flooring	Cream	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-54B	Mastic	White	NO ASBESTOS DETECTED	100% Adhesive
0025-021220-PLM-55A	Sheet Flooring	Cream	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-55B	Mastic	White	NO ASBESTOS DETECTED	100% Adhesive
0025-021220-PLM-56A	Sheet Flooring	Cream	NO ASBESTOS DETECTED	100% Vinyl
0025-021220-PLM-56B	Mastic	White	NO ASBESTOS DETECTED	100% Adhesive

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/14/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME

X	STANDARD (5-7 business		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA

MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0028	02/14/20	PLM	01	East Wing - Rm 36 Hallway - East - Floor Tile	Good					X	
0028	02/14/20	PLM	02	East Wing - Rm 10 - West - Floor Tile	Good					X	
0028	02/14/20	PLM	03	East Wing - Rm 34 - North - Floor Tile	Good					X	
0028	02/14/20	PLM	04	East Wing - Rm 30 Hallway - South - Floor Tile	Good					X	
0028	02/14/20	PLM	05	East Wing - Rm 34 - West - Sheet Flooring	Good					X	
0028	02/14/20	PLM	06	East Wing - Rm 16 - South - Sheet Flooring	Good					X	
0028	02/14/20	PLM	07	East Wing - Rm 26 - West - Sheet Flooring	Good					X	
0028	02/14/20	PLM	08	East Wing - Rm 19 - West - Sheet Flooring	Good					X	
0028	02/14/20	PLM	09	East Wing - Rm 11 - South - Sheet Flooring	Good					X	
0028	02/14/20	PLM	10	East Wing - Rm 2 - Ceiling - Wall System	Good					X	

COLLECTED BY	Eneojo Onuche	DATE	2/14/2020	RELINQUISHED BY		DATE	2/14/2020
		TIME	9:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/17/20	LABORATORY NOTES	Acceptable		
		TIME	0800				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	1	OF	4

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME					
X	STANDARD (5-7 business		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA							
MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0028	02/14/20	PLM	11	East Wing - Rm 8 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	12	East Wing - Rm 14 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	13	East Wing - East Hallway - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	14	East Wing - Rm 30 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	15	East Wing - Rm 19 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	16	East Wing - Rm 22 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	17	East Wing - Rm 24 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	18	East Wing - Rm 32 - Ceiling - Wall System	Good					X	
0028	02/14/20	PLM	19	East Wing - East - Window Caulk	Damaged					X	
0028	02/14/20	PLM	20	East Wing - South - Window Caulk	Damaged					X	

COLLECTED BY	Eneojo Onuche	DATE	2/14/2020	RELINQUISHED BY		DATE	2/14/2020
		TIME	9:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/17/20	LABORATORY NOTES	Acceptable		
		TIME	0800				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	2	OF 4

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME					
X	STANDARD (5-7 business		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA									
MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0028	02/14/20	PLM	21	East Wing - North - Window Caulk	Damaged					X	
0028	02/14/20	PLM	22	Nursing Home - Exterior - North - Window Caulk	Damaged					X	
0028	02/14/20	PLM	23	Nursing Home - Exterior - South - Window Caulk	Damaged					X	
0028	02/14/20	PLM	24	Nursing Home - Exterior - West - Window Caulk	Damaged					X	
0028	02/14/20	PLM	25	East Wing - Mech. Rm - South - Pipe Elbow Insulation	Damaged					X	
0028	02/14/20	PLM	26	East Wing - Mech. Rm - East - Pipe Elbow Insulation	Damaged					X	
0028	02/14/20	PLM	27	East Wing - Mech. Rm - West - Pipe Elbow Insulation	Damaged					X	
0028	02/14/20	PLM	28	East Wing - Mech. Rm - North - Wall System	Damaged					X	
0028	02/14/20	PLM	29	East Wing - Mech. Rm - South - Wall System	Damaged					X	
0028	02/14/20	PLM	30	East Wing - Mech. Rm - West - Wall System	Damaged					X	

COLLECTED BY	Eneojo Onuche	DATE	2/14/2020	RELINQUISHED BY		DATE	2/14/2020
		TIME	9:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/17/20	LABORATORY NOTES	Acceptable		
		TIME	0800				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	3	OF	4

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 E Broadway Avenue	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
CONTACT	Jennifer Billy	PHONE NUMBER	405.702.5103
PHONE NUMBER	405.538.9223	ALTERNATE NO.	N/A
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE TURN-AROUND-TIME					
X	STANDARD (5-7 business		NEXT DAY		SAME DAY

SAMPLE MATRIX / MEDIA							
MP	MOLD PLATE	ST	SPORE TRAP	TL	TAPE LIFT	X	BULK	O	OTHER_____

SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI			ASBESTOS		OTHER
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.			TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)	
0028	02/14/20	PLM	31	Police Station - Exterior - East - Wall Joint System	Good					X	
0028	02/14/20	PLM	32	Police Station - Exterior - South - Wall Joint System	Good					X	
0028	02/14/20	PLM	33	Police Station - Exterior - West - Wall Joint System	Good					X	
0028	02/14/20	PLM	34	Police Station - Exterior - East - Wall System	Good					X	
0028	02/14/20	PLM	35	Police Station - Exterior - West - Wall System	Good					X	
0028	02/14/20	PLM	36	Police Station - Exterior - South - Wall System	Good					X	
										X	
										X	
										X	
										X	

COLLECTED BY	Eneojo Onuche	DATE	2/14/2020	RELINQUISHED BY		DATE	2/14/2020
		TIME	9:00			TIME	17:00
RECEIVED BY IN LABORATORY		DATE	02/17/20	LABORATORY NOTES	Acceptable		
		TIME	0800				

FIELD NOTES		METHOD OF SHIPMENT	Hand Delivery	PAGE NUMBER	4	OF 4

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
0028-021420-PLM-01A	Floor Tile	Beige		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0028-021420-PLM-01B	Mastic	Yellow		NO ASBESTOS DETECTED			100%	Adhesive				
0028-021420-PLM-02A	Floor Tile	Beige		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0028-021420-PLM-02B	Mastic	Yellow		NO ASBESTOS DETECTED			100%	Adhesive				
0028-021420-PLM-03A	Floor Tile	Beige		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0028-021420-PLM-03B	Mastic	Yellow		NO ASBESTOS DETECTED			100%	Adhesive				
0028-021420-PLM-04A	Floor Tile	Beige		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0028-021420-PLM-04B	Mastic	Yellow		NO ASBESTOS DETECTED			100%	Adhesive				
0028-021420-PLM-05	Sheet Vinyl	Yellow	30%	Chrysotile			50% 15%	Vinyl Cellulose	5%	Adhesive		
0028-021420-PLM-06	Sheet Vinyl	Yellow	30%	Chrysotile			50% 15%	Vinyl Cellulose	5%	Adhesive		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
0028-021420-PLM-07	Sheet Vinyl	Yellow	30%	Chrysotile			50%	Vinyl	5%	Adhesive		
							15%	Cellulose				
0028-021420-PLM-08	Sheet Vinyl	Yellow	30%	Chrysotile			50%	Vinyl	5%	Adhesive		
							15%	Cellulose				
0028-021420-PLM-09	Sheet Vinyl	Yellow	30%	Chrysotile			50%	Vinyl	5%	Adhesive		
							15%	Cellulose				
0028-021420-PLM-10A	Texture	White		NO ASBESTOS DETECTED			100%	Calcium Carbonate				
0028-021420-PLM-10B	Tape	White		NO ASBESTOS DETECTED			100%	Cellulose				
0028-021420-PLM-10C	Joint Compound	White		NO ASBESTOS DETECTED			100%	Calcium Carbonate				
0028-021420-PLM-10D	Drywall	White		NO ASBESTOS DETECTED			85%	Gypsum				
							15%	Cellulose				
0028-021420-PLM-11A	Texture	White		NO ASBESTOS DETECTED			100%	Calcium Carbonate				
0028-021420-PLM-11B	Tape	White		NO ASBESTOS DETECTED			100%	Cellulose				
0028-021420-PLM-11C	Joint Compound	White		NO ASBESTOS DETECTED			100%	Calcium Carbonate				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0028-021420-PLM-11D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-12A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-12B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-12C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-12D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-13A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-13B	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-14A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-14B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-14C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
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PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0028-021420-PLM-14D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-15A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-15B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-15C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-15D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-16A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-16B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-16C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-16D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-17A	Texture	White	NO ASBESTOS DETECTED	100% Calcium Carbonate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N MARTIN LUTHER KING AVENUE
OKLAHOMA CITY, OK 73117
405.616.0401 | FAX: 405.681.6753 | MEM@marshallenvironmental.com
www.marshallenvironmental.com

BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0028-021420-PLM-17B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0028-021420-PLM-17C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0028-021420-PLM-17D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0028-021420-PLM-18A	Texture	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0028-021420-PLM-18B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0028-021420-PLM-18C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0028-021420-PLM-18D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0028-021420-PLM-19	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate
0028-021420-PLM-20	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate
0028-021420-PLM-21	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0028-021420-PLM-22A	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate
0028-021420-PLM-22B	Window Caulk	Black	4%	Chrysotile	96%	Silicone
0028-021420-PLM-23A	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate
0028-021420-PLM-23B	Window Caulk	Black	4%	Chrysotile	96%	Silicone
0028-021420-PLM-24A	Window Caulk	Dark Gray	8%	Chrysotile	92%	Aggregate
0028-021420-PLM-24B	Window Caulk	Black	4%	Chrysotile	96%	Silicone
0028-021420-PLM-25A	Pipe Wrap	Beige		NO ASBESTOS DETECTED	90%	Cellulose
					10%	Paint
0028-021420-PLM-25B	Pipe Insulation	Gray		NO ASBESTOS DETECTED	75%	Aggregate
					25%	Fibrous Glass
0028-021420-PLM-26A	Pipe Wrap	Beige		NO ASBESTOS DETECTED	90%	Cellulose
					10%	Paint
0028-021420-PLM-26B	Pipe Insulation	Gray		NO ASBESTOS DETECTED	75%	Aggregate
					25%	Fibrous Glass

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS	% MATRIX
0028-021420-PLM-27A	Pipe Wrap	Beige	NO ASBESTOS DETECTED	90% Cellulose 10% Paint
0028-021420-PLM-27B	Pipe Insulation	Gray	NO ASBESTOS DETECTED	75% Aggregate 25% Fibrous Glass
0028-021420-PLM-28A	Texture	White	NO ASBESTOS DETECTED	90% Calcium Carbonate 10% Paint
0028-021420-PLM-28B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-28C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-28D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose
0028-021420-PLM-29A	Texture	White	NO ASBESTOS DETECTED	90% Calcium Carbonate 10% Paint
0028-021420-PLM-29B	Tape	White	NO ASBESTOS DETECTED	100% Cellulose
0028-021420-PLM-29C	Joint Compound	White	NO ASBESTOS DETECTED	100% Calcium Carbonate
0028-021420-PLM-29D	Drywall	White	NO ASBESTOS DETECTED	85% Gypsum 15% Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0028-021420-PLM-30A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate		
					10%	Paint		
0028-021420-PLM-30B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose		
0028-021420-PLM-30C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate		
0028-021420-PLM-30D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum		
					15%	Cellulose		
0028-021420-PLM-31A	Texture	Beige	2%	Chrysotile	88%	Aggregate		
					10%	Paint		
0028-021420-PLM-31B	Barrier	Gray	5%	Chrysotile	75%	Aggregate		
					20%	Fibrous Glass		
0028-021420-PLM-31C	Plaster	Beige	NO ASBESTOS DETECTED		40%	Sand	20%	Quartz
					40%	Silica		
0028-021420-PLM-31D	Caulk	Silver	NO ASBESTOS DETECTED		100%	Foam		
0028-021420-PLM-31E	Putty	White	NO ASBESTOS DETECTED		100%	Silicone		
0028-021420-PLM-32A	Texture	Beige	2%	Chrysotile	88%	Aggregate		
					10%	Paint		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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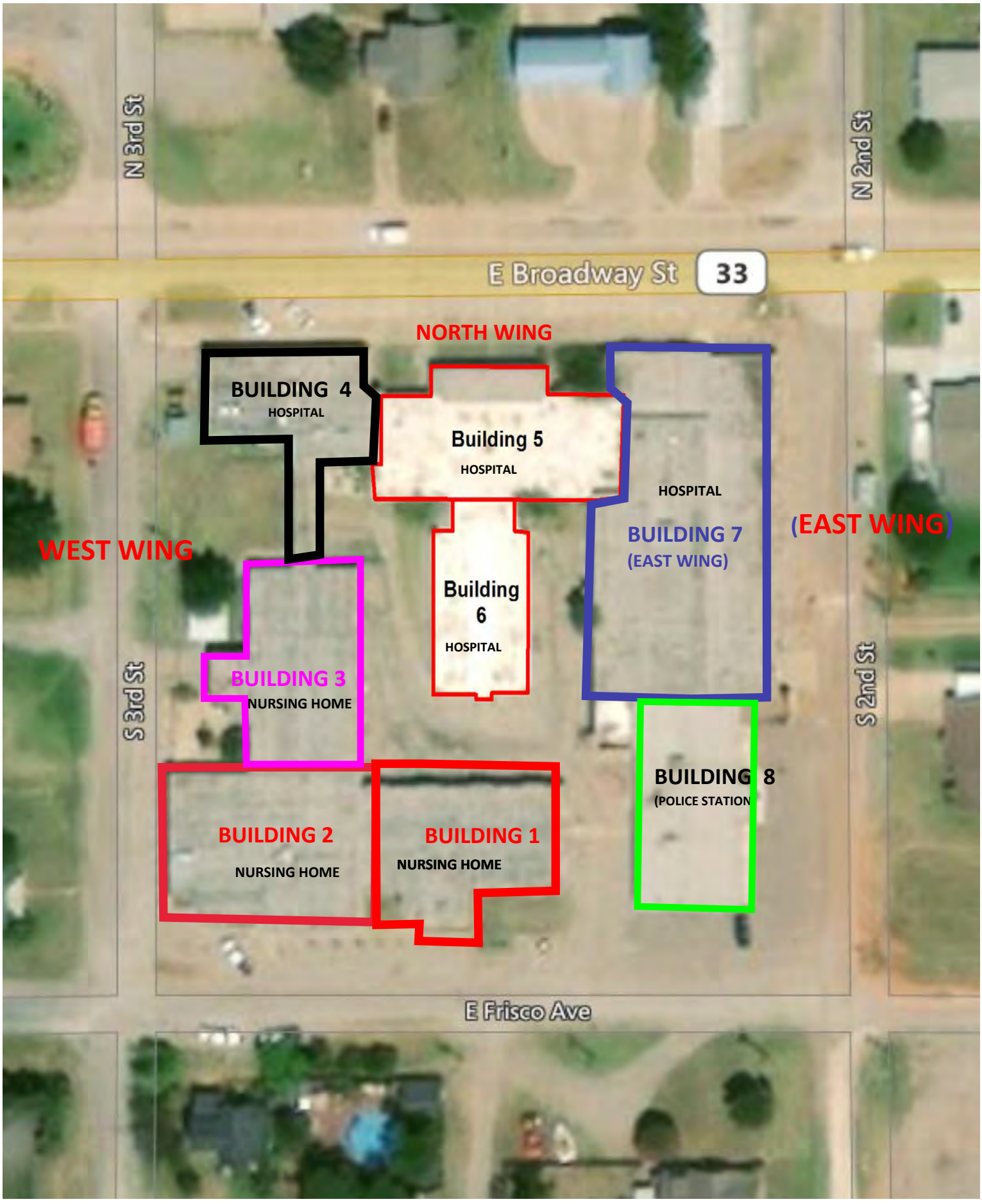
SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
0028-021420-PLM-32B	Barrier	Gray	5%	Chrysotile			75%	Aggregate				
							20%	Fibrous Glass				
0028-021420-PLM-32C	Putty	White		NO ASBESTOS DETECTED			100%	Silicone				
0028-021420-PLM-33A	Texture	Beige	2%	Chrysotile			88%	Aggregate				
							10%	Paint				
0028-021420-PLM-33B	Barrier	Gray	5%	Chrysotile			75%	Aggregate				
							20%	Fibrous Glass				
0028-021420-PLM-33C	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-33D	Caulk	Silver		NO ASBESTOS DETECTED			100%	Foam				
0028-021420-PLM-33E	Putty	White		NO ASBESTOS DETECTED			100%	Silicone				
0028-021420-PLM-34	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-35	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-36	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

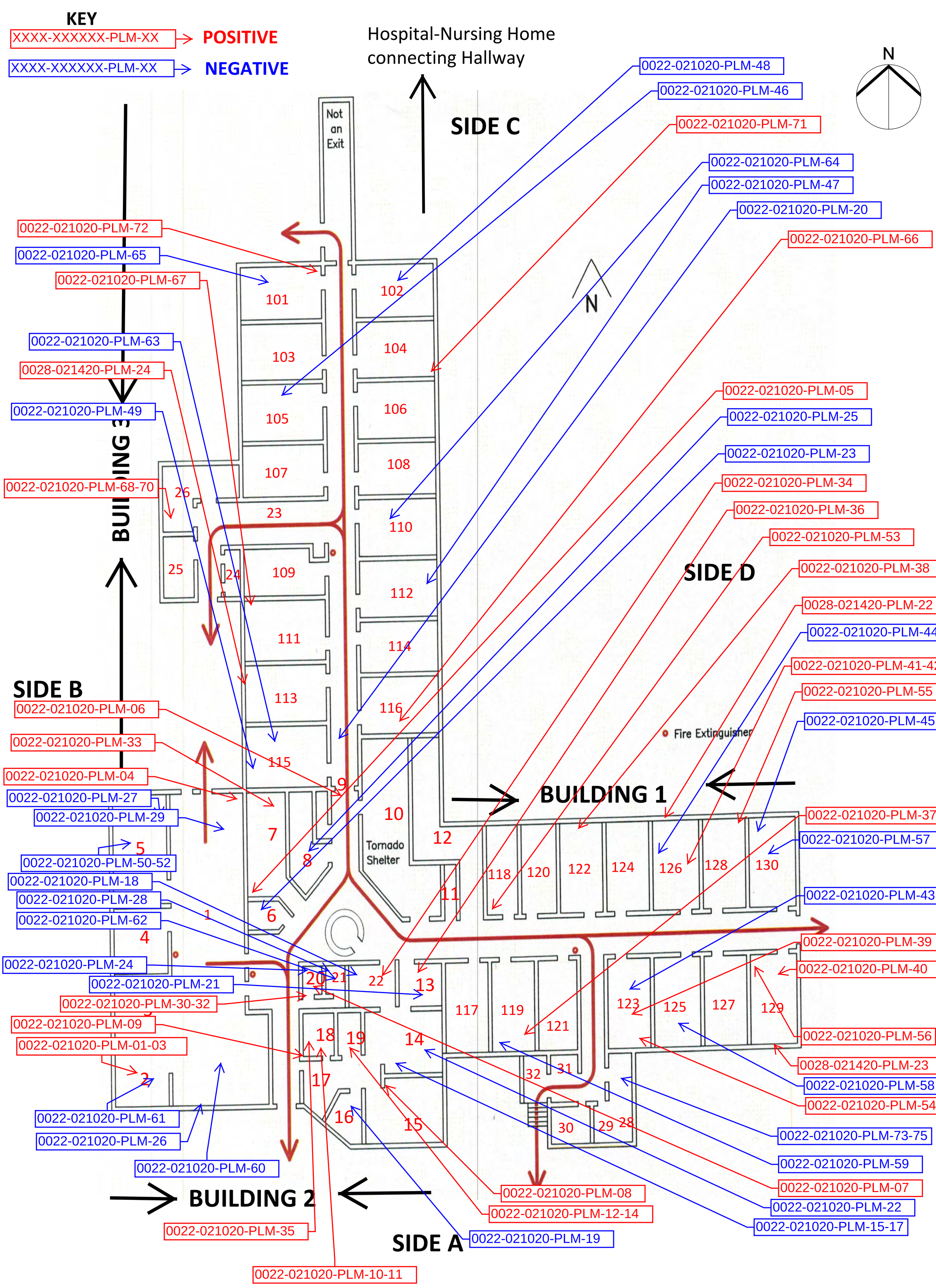


MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL – BUILDINGS LAYOUT** 610 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	1 FIGURE

KEY

XXXX-XXXXXX-PLM-XX → POSITIVE

XXXX-XXXXXX-PLM-XX → NEGATIVE



MARSHALL ENVIRONMENTAL MANAGEMENT

NURSING HOME WING (BLDG. 1-3) - SAMPLE LOCATIONS

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

2
FIGURE

NOT TO SCALE

KEY

XXXX-XXXXXX-PLM-XX → POSITIVE

XXXX-XXXXXX-PLM-XX → NEGATIVE

N

0028-021420-PLM-10
0028-021420-PLM-01
0025-021220-PLM-44
0028-021420-PLM-21
0025-021220-PLM-19
0025-021220-PLM-20
0025-021220-PLM-23
0025-021220-PLM-22
0025-021420-PLM-41
0028-021420-PLM-11
0025-021220-PLM-37
0025-021220-PLM-21
0025-021220-PLM-53
0025-021220-PLM-43
Hallway
0028-021420-PLM-03
0028-021420-PLM-02
0028-021420-PLM-05
0025-021220-PLM-52
0025-021220-PLM-55
0028-021420-PLM-18
0025-021220-PLM-36
0028-021420-PLM-09
0025-021220-PLM-56
0025-021220-PLM-40
0025-021220-PLM-45-47
0025-021220-PLM-54
To Building 5
0025-021220-PLM-38
0028-021420-PLM-04
Hallway
0025-021220-PLM-35
East Hallway
0028-021420-PLM-19
0028-021420-PLM-14
0025-021220-PLM-34
0025-021220-PLM-45
0025-021220-PLM-33
0028-021420-PLM-13
0025-021220-PLM-25
0025-021220-PLM-50
Hallway
0028-021420-PLM-12
0025-021220-PLM-39
0025-021220-PLM-46
0025-021220-PLM-31
0025-021220-PLM-30
Hallway
0028-021420-PLM-06
0028-021420-PLM-07
0025-021220-PLM-32
0025-021220-PLM-24
0025-021220-PLM-29
0025-021220-PLM-42
0025-021220-PLM-51
0025-021220-PLM-49
0028-021420-PLM-17
Hallway
0028-021420-PLM-08
0025-021220-PLM-48
0025-021220-PLM-28
0028-021420-PLM-30
0028-021420-PLM-15
0028-021420-PLM-29
0025-021220-PLM-27
0028-021420-PLM-27
0028-021420-PLM-25
0025-021220-PLM-26
0028-021420-PLM-20
0028-021420-PLM-16
0028-021420-PLM-26
0028-021420-PLM-28

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 21B 22 23 24 25 26 27 28 29 30 31 32 33 33A 33C 34 34A 34B 35 36 2B

Mech. Room

Garage

NOT ACCESSIBLE

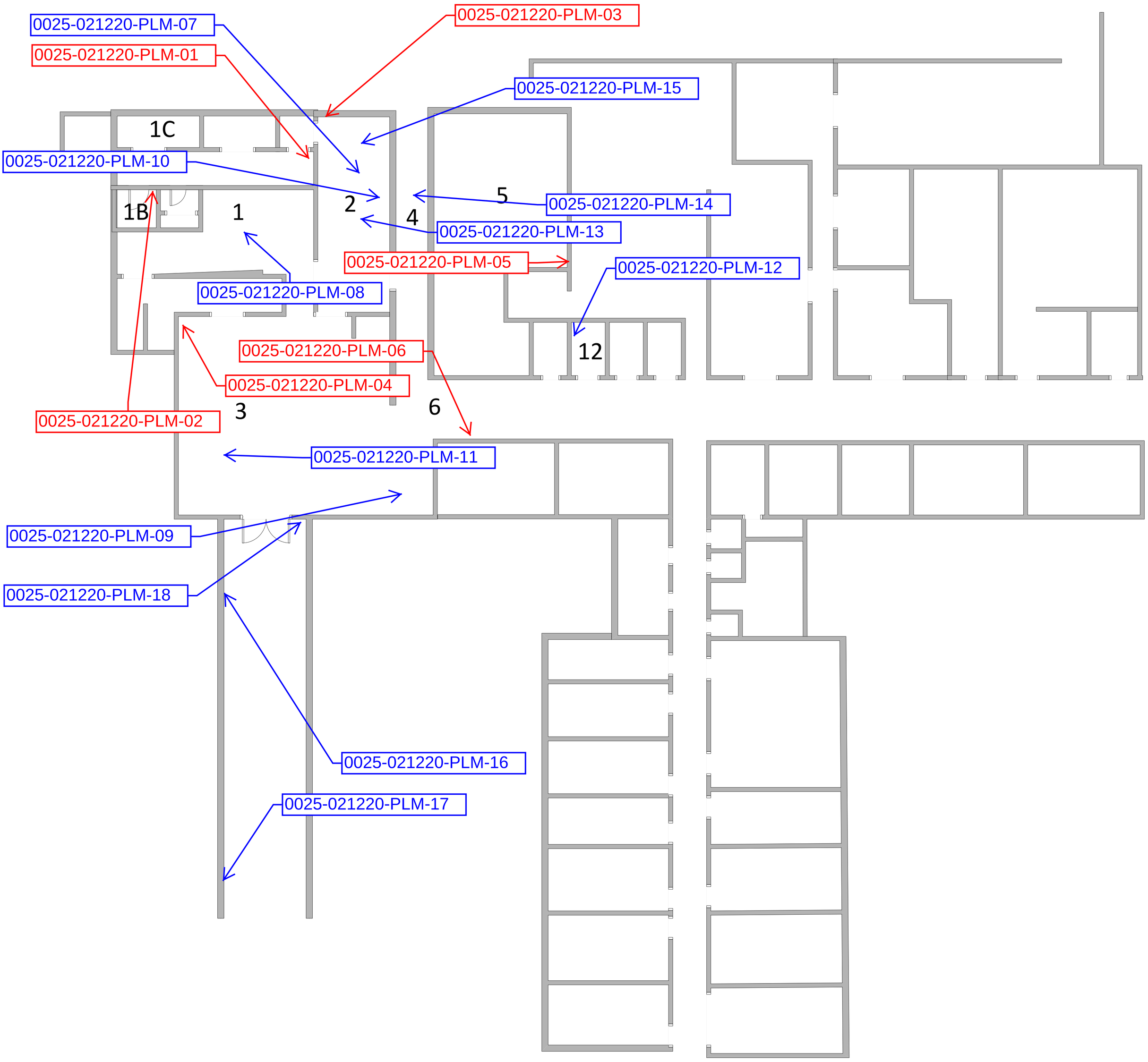
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 7 (EAST WING) - SAMPLE LOCATIONS

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

3
FIGURE

NOT TO SCALE



N

MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 4, 5 & 6 - SAMPLE LOCATIONS

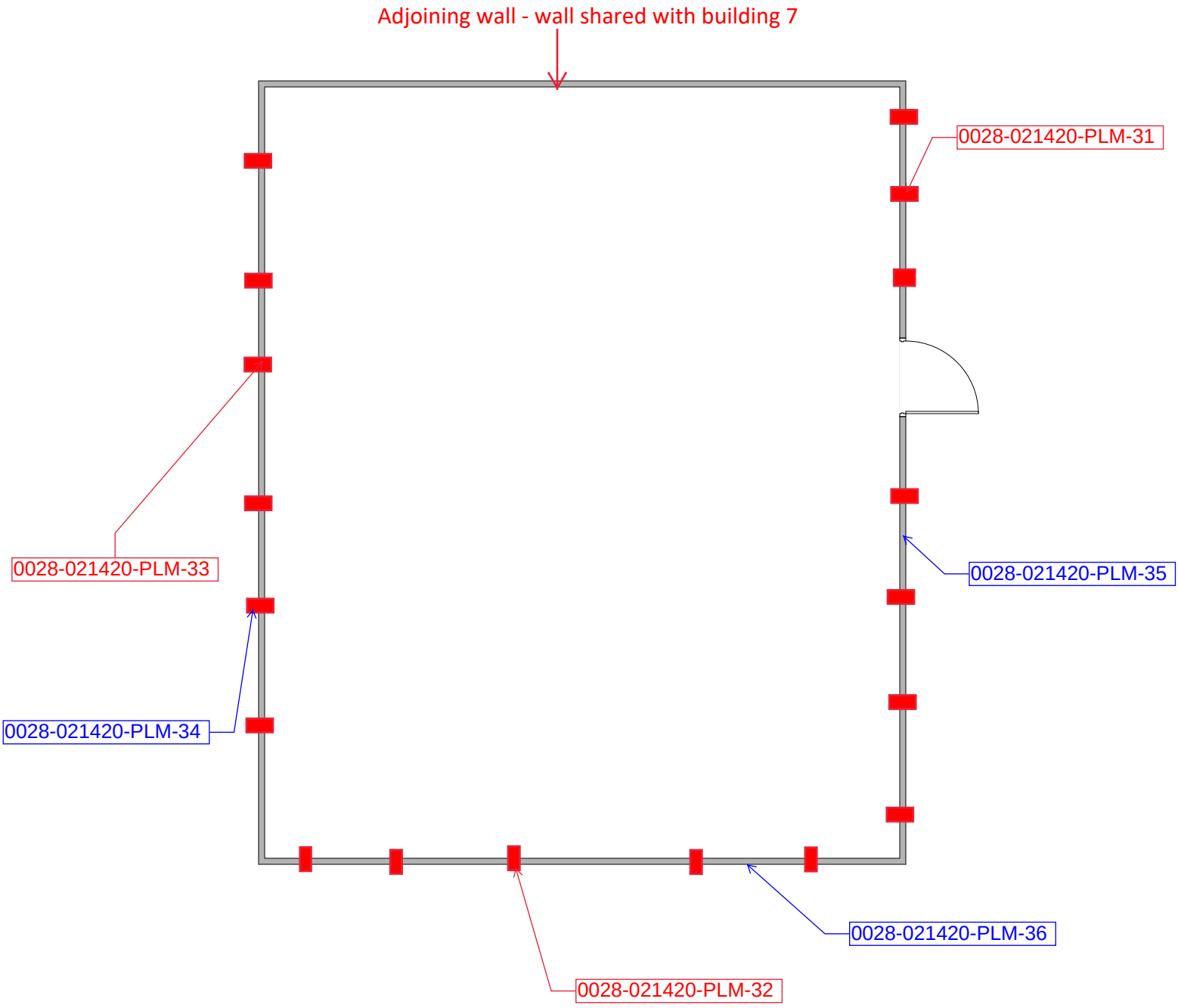
FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

4
FIGURE

NOT TO SCALE

KEY

WALL EXPANSION JOINT



Asbestos-containing Wall Expansion Joint

N

MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**BUILDING 8 (POLICE BUILDING) - SAMPLE LOCATIONS** 6101 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	5 FIGURE

Building 3 & 4 connecting Hallway

N

SIDE C

N

KEYS

ACM VINYL SHEET FLOORING & WALLS

ACM WINDOW CAULK

SIDE D

BUILDING 3

SIDE B

Not an Exit

101 102 103 104 105 106 107 108 26 23 110 25 24 109 112 111 114 113 116 115 9 10 7 12 8 Tornado Shelter 11 118 120 122 124 126 128 130 5 1 6 4 20 21 22 13 117 119 121 123 125 127 129 3 18 19 14 31 32 2 17 16 15 30 29 28

Fire Extinguisher

BUILDING 1

BUILDING 2

SIDE A

MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**NURSING HOME WING (BLDG. 1-3) - ACM LOCATION**	6 FIGURE NOT TO SCALE
	FORMER THOMAS HOSPITAL 610 EAST BROADWAY THOMAS, OK 73669	

KEYS

ACM LOCATION (VINYL SHEET FLOORING & WALL SYSTEMS

ACM LOCATION (WINDOW CAULK)

N

1
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23
24
25
26
27
28
29
30
31
32
33
33A
33C
34
34A
34B
35
36
Hallway
Hallway
Hallway
Hallway
Hallway
East Hallway
Mech. Room
Garage
To Building 5

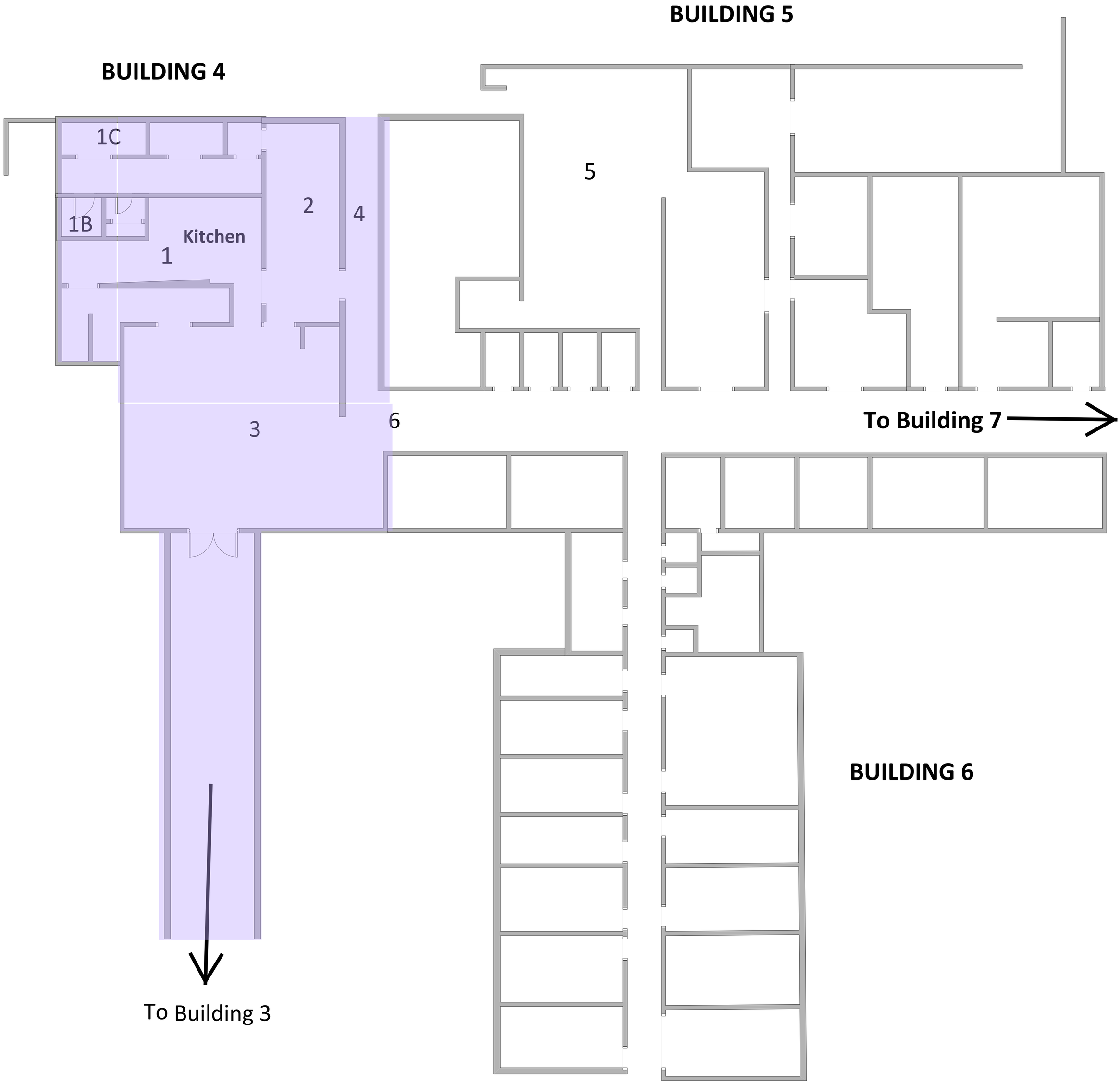
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 7 (EAST WING) - ACM LOCATION

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

7
FIGURE

NOT TO SCALE



ACM VINYLY SHEET FLOORING & WALL SYSTEMS

N

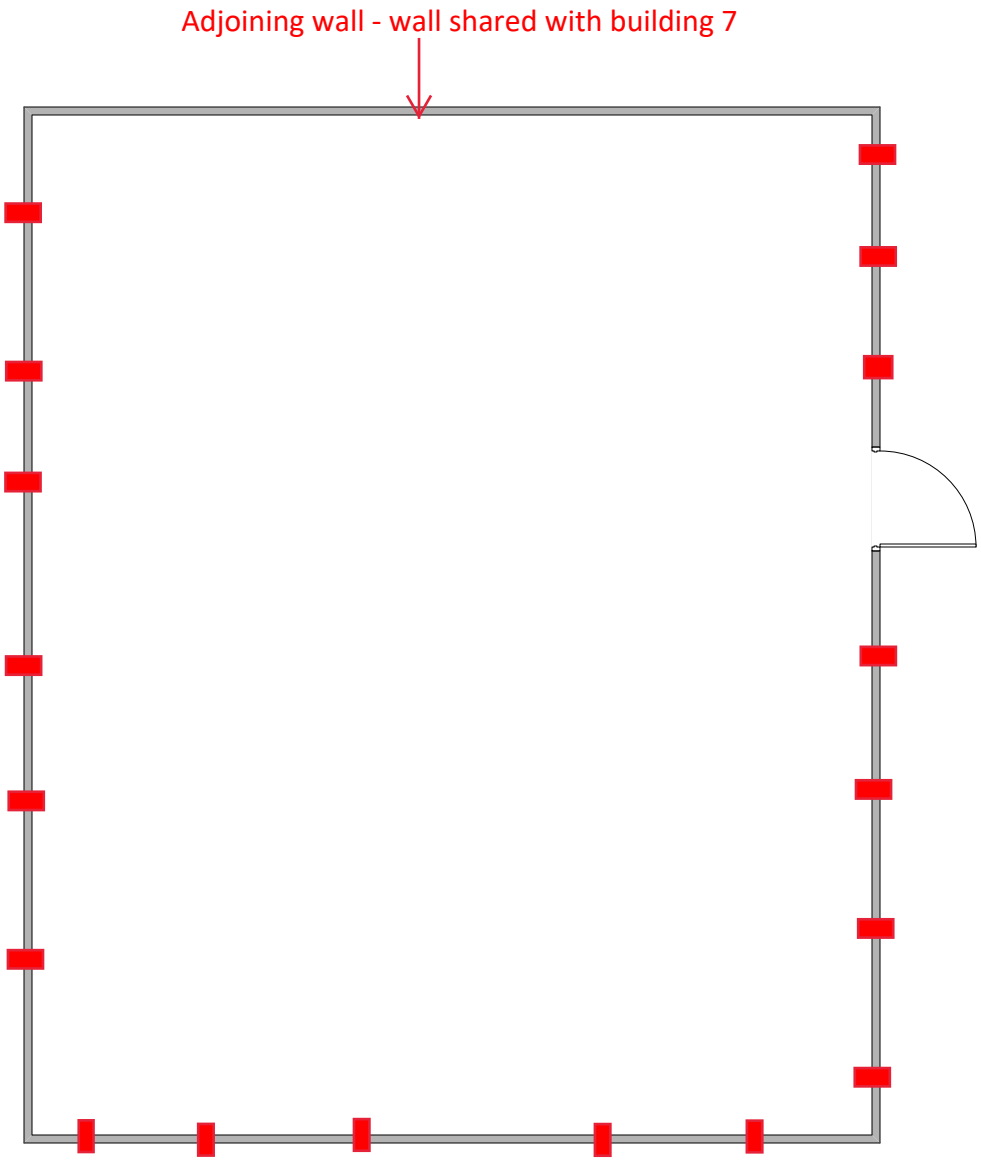
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 4, 5 & 6 - ACM LOCATION

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

8
FIGURE

NOT TO SCALE



Asbestos-containing Wall Expansion Joint

N

MEM
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 8 (POLICE BUILDING) - ACM LOCATION

6101 EAST BROADWAY AVENUE
THOMAS, OKLAHOMA

9
FIGURE

Police Building - ACM Wall Expansion Joint Texture/Barrier - round the building

Room 1 & Room 123 Hallway - ACM sheet flooring beneath the floor tiles in all rooms/hallway throughout the nursing home (Building 1-3)

- Bldg 1 Hallway (Nursing Home) - ACM sheet flooring beneath floor tiles throughout bldg. 1-3
- ACM - Texture & Joint Compounds of the wall systems throughout the bldg 1-3

MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL – PHOTO ALBUM**	10 FIGURE
	610 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	

Bldg. 1-3 (Nursing Home) - ACM - window caulking throughout the building

Bldg. 7 Room 20 Hallway - west: ACM - Sheet flooring & texture/joint compound wall systems

Bldg. 7 Room 34 Hallway - ACM: Sheet flooring beneath floor tiles throughout bldg. 7

Bldg. 7 Room 20 - sheet floor/wall system

Bldg. 7 Room 20 Hallway - east: Wall system/sheet flooring

MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL – PHOTO ALBUM** 610 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	11 FIGURE

Bldg. 7 Room 6&8 - ACM - Walls/ceiling/sheet flooring

West Wing (Bldg. 4) Room 2 - Sheet flooring beneath (also beneath the floor tiles throughout bldg. 4)

MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL – PHOTO ALBUM** 610 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	12 FIGURE

FORMER THOMAS HOSPITAL

6101 EAST BROADWAY AVENUE
THOMAS, OK 73669

MAY 1, 2020	*ASBESTOS PROJECT DESIGN*

Prepared For:

ODEQ Brownfields Division
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Prepared By:

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FORMER THOMAS HOSPITAL

ASBESTOS PROJECT DESIGN

SCOPE OF WORK

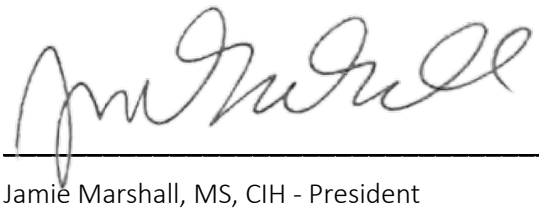
This Asbestos Project Design has been prepared to allow for the safe and economical removal of 92,501-square feet (ft²) of texture/joint compounds and approximately 43,521 ft^2 of sheet flooring within Building 1-4 and Building 7 as well as the exterior wall expansion joint texture & barrier on the exterior of Building 8 of the Former Thomas Hospital located at 6101 East Broadway Avenue in Thomas, Oklahoma. Asbestos removal will be conducted in accordance with Oklahoma Asbestos Control (OAC) Act 380:50-23-4, ceiling texturing procedures, OAC 380:50-23-1 sheet flooring abatement, and OAC 380:50-17-4, minimum abatement standards.

RESPONSIBLE PARTIES & CONSULTANTS

LICENSED ASBESTOS ABATEMENT CONTRACTOR:

TBD

LICENSED ASBESTOS PROJECT DESIGNER:



Jamie Marshall, MS, CIH - President
Marshall Environmental Management, Inc.
1301 North Martin Luther King Avenue
Oklahoma City, Oklahoma 73117
405.616.0401 | mem@marshallenvironmental.com

OWNER REPRESENTATIVE:

ODEQ Brownfields Division
Attention: Rachel Francks | Project Manager
PO Box 1677
Oklahoma City, OK 73101
405.702.5103 | Rachel.francks@deq.ok.gov

AGENCY STATEMENT

For the duration of this abatement project all local, state and federal regulations will apply. The regulations include, but are not limited to, the OAC Act, Abatement of Friable Asbestos Materials Rules 380:50-1-1 through 380:50-29-1.

SEQUENCING OF WORK, QUANTITY, TYPE & PERCENTAGE OF RACM

The abatement project will consist of one phase. The Licensed Asbestos Abatement Contractor shall file the notification of the intended start date based upon the schedule to be determined by the Owner. The abatement project duration is estimated to take approximately ten (10) weeks to complete. Listed below is the location of the Regulated Asbestos-Containing Material (RACM) to be abated, including total quantity, type of material and percentage of asbestos as a result of polarized light microscopy (PLM) or point count testing. The sequencing of the abatement will be at the discretion of the abatement contractor, with approval from the owner and project design representative:

1) OAC Act 380:50-17-4, Minimum Abatement Standard Procedures
    - Work Area 1:
        i. ~336 linear feet of wall expansion joint texture & barrier throughout the exterior of building 8 (Police Station) exterior (2-5% Chrysotile)
2) OAC Act 380:50-23-4, Ceiling Texture Procedures & OAC Act 380-50-23-1, Sheet Flooring Abatement
    - Work Area 2:
        i. ~31,680-Ft^2 of wall texture and joint compound throughout Building 1-3 (2% Chrysotile)
        ii. ~12,992 square feet of vinyl sheet flooring throughout Building 1-3 and beneath floor tile (30-60% Chrysotile)
    - Work Area 3:
        i. ~5,465 ft^2 of wall texture and joint compound throughout Building 4 (2% Chrysotile)
        ii. ~3,406 square feet of vinyl sheet flooring throughout Building 4 and beneath floor tile (30-60% Chrysotile)
    - Work Area 4:
        i. ~55,356 ft^2 of wall texture/joint compound and ceiling joint compound throughout Building 7 (2% Chrysotile)
        ii. ~27,123 square feet of vinyl sheet flooring throughout Building 7 and beneath floor tile (30-60% Chrysotile)

EGRESS, EMERGENCY ESCAPE ROUTES & FIRE EXTINGUISHER PLACEMENT

The abatement work area will be clearly illuminated by droplights, light stands or equivalent lighting. Emergency lights will be in place where necessary, in all areas that are not properly illuminated to assist in the identification of the exit locations. Power to the area is to be supplied by the ground-fault circuit interrupter (GFCI) power source. All work will be performed using a buddy system. Exit routes from the containment work area will be clearly marked with signs and highly visible arrows designating the exit path.

Fire extinguishers shall meet the requirements of the OAC Act 380:50-15-14. A minimum of 1 A:B:C fire extinguisher shall be provided for each 3,000-ft^2 of the work area, or major fraction thereof travel distance from any point of the work area to the nearest fire. A minimum of two (2) fire extinguishers will be inside the work area. Additionally, a minimum of 1 fire extinguisher shall be placed in the clean room of the decontamination facility.

Prior to beginning the prep and abatement work, all licensed asbestos workers will be given a briefing on the emergency egress procedures by the asbestos supervisor.

DETAILS OF ABATEMENT PROJECT

Asbestos removal will be conducted in accordance with OAC Act 380:50-23-4, ceiling texture procedures, OAC 380:50-23-1 sheet flooring abatement, and OAC 380:50-17-4, minimum abatement standards. Oklahoma Department of Labor (ODOL) and Oklahoma Department of Environmental Quality (ODEQ) National Emission Standards for Hazardous Air Pollutants (NESHAP) notices must be filed with the appropriate agencies for this Asbestos Project Design. Copies of the notifications are to be provided to the Project Designer and Owner Representative. The licensed Asbestos Abatement Contractor will mobilize to begin prep work based upon the notice to proceed and after coordination is confirmed with the Owner Representative. Moving of the containments will require that a written project design amendment be submitted to the ODOL. Following the completion of the project, all required project documents and waste manifests must be submitted to the ODOL and provided to the Project Design Representative.

The initial job site setup shall include the establishment of GFCIs for use with all portable electric equipment, lighting and the power used by the decontamination unit equipment, high efficiency particulate air (HEPA) vacuums and negative air machines. Electrical within the containment or work areas will be locked out and tagged out prior to any workers coming within arm's reach of any energized electric or systems prior to the commencement of prep work. The contractor will prep all asbestos waste dumpsters in accordance with section 380:50-17-9 of the OAC Act. The following sequencing of events shall be used for each specified method:

WORK AREA 1: BLDG 8 EXTERIOR WALL JOINT TEXTURE & BARRIER OAC 380:50-17-4

1) During prep, critical barriers exposed to the elements must be erected with 6-mil nylon reinforced poly, in compliance with the requirements of Section 380:50-17-4 of these Rules.

2) For the removal, there will be one containment with an attached decontamination unit that will be utilized and constructed in accordance with Subchapter 15 of the OAC Act 380:50-15-7, 15-8 and 15-12 and will be set up as soon as feasible. The boundary of the regulated work area is to be surrounded by asbestos hazard communication warning tape and signage.

3) Within the approximate 15,000 ft^3 containment, there will be 1 externally vented negative pressure air machine functioning at 1,200 cubic feet per minute (cfm) to provide a minimum of ***4 air exchanges per hour*** providing 0.02 inches of negative pressure within the containment, verified with a manometer onsite.

4) The contractor will prep all asbestos waste dumpsters in accordance with section 380:50-17-9 of the OAC Act. When prep is completed, scheduling of an ODOL Prep Inspection will occur.

5) Once the Prep Inspection is approved, the contractor may begin removal. Only asbestos workers wearing the appropriate PPE will be allowed within the asbestos barrier tape.

6) During the abatement process, asbestos-containing materials will be continuously wetted down until asbestos removal is complete. Any water escaping from the work area shall be considered to have created a breach of containment.
7) After completion of the final cleaning, call for the ODOL Visual Inspection.
8) Upon ODOL Visual Inspection approval, the contractor may apply lockdown sealant where applicable and 3rd party clearance air monitoring may be conducted.
9) Conduct a final inspection to verify the completion of the Scope of Work with the Project Design Representative and schedule an ODOL Final Inspection.
10) Tear down any prep work and demobilize after approval by the ODOL and Project Design Representative.

WORK AREA 2-4: WALL SYSTEMS REMOVAL OAC 380:50-23-4 & SHEET FLOORING ABATEMENT OAC 380:50-23-1

1) The ***detached decontamination*** unit that will be utilized and constructed in accordance with Subchapter 15 of the OAC Act 380:50-15-7, 15-8 and 15-12 and will be set up as soon as feasible for use in all work areas.
2) During prep, critical barriers must be erected with a single layer of 6-mil poly covering the floors, in areas where sheet flooring will not be removed, in compliance with the requirements of Section 380:50-23-4 of these Rules.
3) Within each work area, there will **one containment with work area 2 having 8 internally vented negative pressure air machine, work area 3 with 2 negative pressure machines and work area 4 with 15 negative pressure machines. All will be functioning** at 1,200 cubic feet per minute (cfm) to provide a minimum of ***4 air exchanges per hour***. The negative air machine does not need to be externally vented.
4) When prep is completed, scheduling of an ODOL Prep Inspection will occur.
5) Once the Prep Inspection is approved, the contractor may begin removal. Only asbestos workers wearing the appropriate PPE will be allowed within the asbestos barrier tape.
6) During the abatement process, asbestos containing materials will be continuously wetted down until asbestos removal is complete. Any water escaping from the work area shall be considered to have created a breach of containment.
7) After completion of the final cleaning, the contractor may apply lockdown sealant where applicable and 3rd party clearance air monitoring may be conducted.
8) Conduct a final inspection to verify the completion of the Scope of Work with the Project Design Representative.
9) Lastly, schedule an ODOL Final Inspection.
10) Tear down any prep work and demobilize after approval by the ODOL and Project Design Representative

AIR MONITORING REQUIREMENTS

Air monitoring samples will be collected and analyzed by a technician that is National Institute for Occupational Safety and Health (NIOSH) 582e-trained. The air monitoring samples will be collected in accordance with NIOSH 7400 method for the duration of the workday. Air monitoring samples will be analyzed by Phase Contrast Microscopy (PCM), in conjunction with a laboratory proficient with the American Industrial Hygiene Association's (AIHA's) Proficiency in Analytical Testing (PAT) Program.

PREP MONITORING

Pre-abatement air monitoring will not be required on this project.

ABATEMENT MONITORING

PERSONAL AIR MONITORING

- A minimum of two or 25% (whichever is greater) of the workers will be monitored during the abatement activities. Personal monitoring is required during abatement to assure adequate respirator protection factors are applied in respirator selection.
- At least one, 30-minute excursion sample will be collected during the abatement of the RACM. The excursion sample is to be representative of the work conducted for each activity that may generate a potential for worker exposure in excess of the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) for the 30-minute excursion limit of 1.0-fiber per cubic centimeter (f/cc) as specified in OSHA'S Asbestos Standard for the Construction Industry (29 CFR 1926.1101).
- The contractor may use prior air monitoring for compliance with the requirement to collect an excursion sample if the representative sampling was conducted for work in the previous 12 months as specified in 29 CFR 1926.1101(f)(2)(iii)(B). ODOL has no excursion limit requirement; therefore, it is the contractor's responsibility to see that appropriate excursion sampling is conducted. This sampling work can be coordinated with the Industrial Hygiene (IH) technician provided by the Third-Party Air Monitoring firm.

AREA AIR MONITORING

In accordance with OAC:50-11-1-3, inside and outside air monitoring will be conducted during the asbestos abatement. Area air samples will be collected and analyzed as specified in the Air Monitoring Requirements section above. Listed below are the locations of the area samples to be collected during the asbestos abatement.

- Inside the work area
- Inside the loadout area (during load-out activities)
- Outside the Clean Room
- Outside the Containment (if adjacent area is occupied)
- Outside independent exit

CLEARANCE MONITORING

A minimum of Five (5) air samples will be collected within each work area containment for clearance purposes. The air samples will be collected with a minimum volume of 1,200 liters. The clearance air samples will be analyzed by PCM in conjunction with a laboratory that is currently proficient with the AIHA's PAT Program. Should clearance levels exceed the upper confidence level of 0.01-f/cc in accordance with OAC Act 380:50-11-2, the work area will be recleaned and clearance sampled will be recollected until clearance criteria is met.

GENERAL REQUIREMENTS

CODES & REGULATIONS

Wherever conflicts arise within the Project Design General Requirements or Procedures and/or among the applicable Rules and Regulations, the most stringent rules shall apply. This is subject to approval by ODOL or other authorities having jurisdiction (e.g. DEQ). If allowed by the authority with jurisdiction, a request for a variance can be submitted, provided it is acceptable to the Project Designer and Project Manager.

The Asbestos Abatement Contractor shall abide by this Project Design and the requirements, which govern friable asbestos removal in OAC Act 380:50, and require notification, worker training, and applicable transportation and disposal requirements for asbestos waste materials to include, but not limited to, the following:

- 29 CFR 1910, OSHA General Industry Standards
- 29 CFR 1926, OSHA Construction Industry Standard
- 29 CFR 1926, 1101 OSHA Asbestos Construction Standard
- 40 CFR 61, Subpart M (NESHAP) enforced by ODEQ
- ANSI Z88.2 latest edition (Respiratory Protection)
- Oklahoma Asbestos Control Act Title 40 Sections 450-456
- OAC 380:50 (All-inclusive), Oklahoma Rules for Abatement of Friable Asbestos Materials
- The Asbestos Hazard Emergency Response Act (AHERA) of 9186 PL (99-519) and rules and regulations adopted by EPA for its implementation, latest edition.
- 49 CFR (USDOT) Hazardous Material Transportation Regulations
- OAC 252:100-40, Air Pollution Control Rules, Control of Emission of Friable Asbestos during Demolition and Renovation Operations (replaces OAC 252:100-41-16)
- OAC 252:515-19, Management of Solid Wastes (DEQ Asbestos Land Protection Division Asbestos Disposal Requirements)
- All Applicable State Statutes, County and City Codes/Ordinances

SOIL SAMPLING

This project does not require the removal of any soils contaminated with RACM.

REQUEST FOR VARIANCES

None

APPENDIX

LABORATORY ANALYSIS

(SHOWING POSTIVE ACM PERCENTAGES)

EXAMPLE CONTAINMENT DRAWING ASBESTOS PROJECT

DESIGNER LICENSE

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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OKLAHOMA CITY, OK 73117
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www.marshallenvironmental.com

BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0009-EN-010820-JO	COMPANY	OK DEQ
PROJECT NAME	Former Thomas Hospital	ATTENTION	Rachel Francks
ADDRESS	610 East Broadway Street	ADDRESS	PO Box 1677
CITY| STATE| ZIP	Thomas, OK 73669	CITY| STATE| ZIP	Oklahoma City, OK 73101
SITE CONTACT	Jennifer Billy	PHONE NO.	405.702.5103
PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0022-021020-PLM-01A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-01B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-01C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-01D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-02A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-02B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose
0022-021020-PLM-02C	Joint Compound	White	2%	Chrysotile	98%	Calcium Carbonate
0022-021020-PLM-02D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum
					15%	Cellulose
0022-021020-PLM-03A	Texture	White	2%	Chrysotile	88%	Calcium Carbonate
					10%	Paint
0022-021020-PLM-03B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/11/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

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PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0022-021020-PLM-30A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-30B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-30C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-31A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-31B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-31C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-32A	Sheet Vinyl	Beige		NO ASBESTOS DETECTED	50%	Vinyl	10%	Aggregate
					40%	Cellulose		
0022-021020-PLM-32B	Mastic	Yellow		NO ASBESTOS DETECTED	98%	Adhesive		
					2%	Cellulose		
0022-021020-PLM-32C	Backing	Gray	60%	Chrysotile	30%	Cellulose		
					10%	Aggregate		
0022-021020-PLM-33	Sheet Vinyl	Tan	30%	Chrysotile	50%	Vinyl		
					20%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/12/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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BULK ASBESTOS ANALYSIS

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PHONE NO.	405.538.9223	ALTERNATE NO.	
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX			
0028-021420-PLM-30A	Texture	White		NO ASBESTOS DETECTED	90%	Calcium Carbonate		
					10%	Paint		
0028-021420-PLM-30B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose		
0028-021420-PLM-30C	Joint Compound	White		NO ASBESTOS DETECTED	100%	Calcium Carbonate		
0028-021420-PLM-30D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum		
					15%	Cellulose		
0028-021420-PLM-31A	Texture	Beige	2%	Chrysotile	88%	Aggregate		
					10%	Paint		
0028-021420-PLM-31B	Barrier	Gray	5%	Chrysotile	75%	Aggregate		
					20%	Fibrous Glass		
0028-021420-PLM-31C	Plaster	Beige		NO ASBESTOS DETECTED	40%	Sand	20%	Quartz
					40%	Silica		
0028-021420-PLM-31D	Caulk	Silver		NO ASBESTOS DETECTED	100%	Foam		
0028-021420-PLM-31E	Putty	White		NO ASBESTOS DETECTED	100%	Silicone		
0028-021420-PLM-32A	Texture	Beige	2%	Chrysotile	88%	Aggregate		
					10%	Paint		

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

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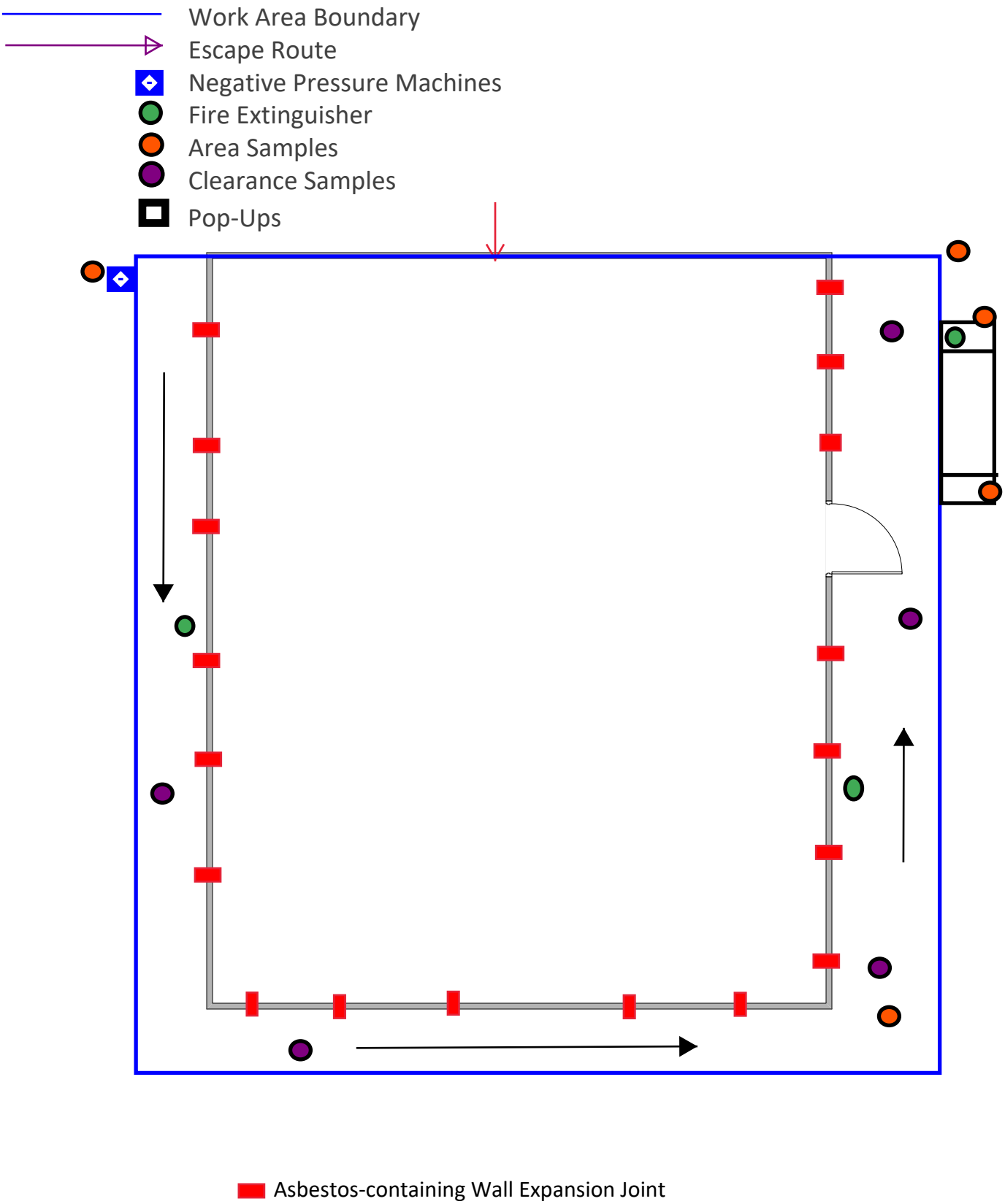
EMAIL ADDRESS	thomasacoc@pldi.net	EMAIL ADDRESS	rachel.francks@deq.ok

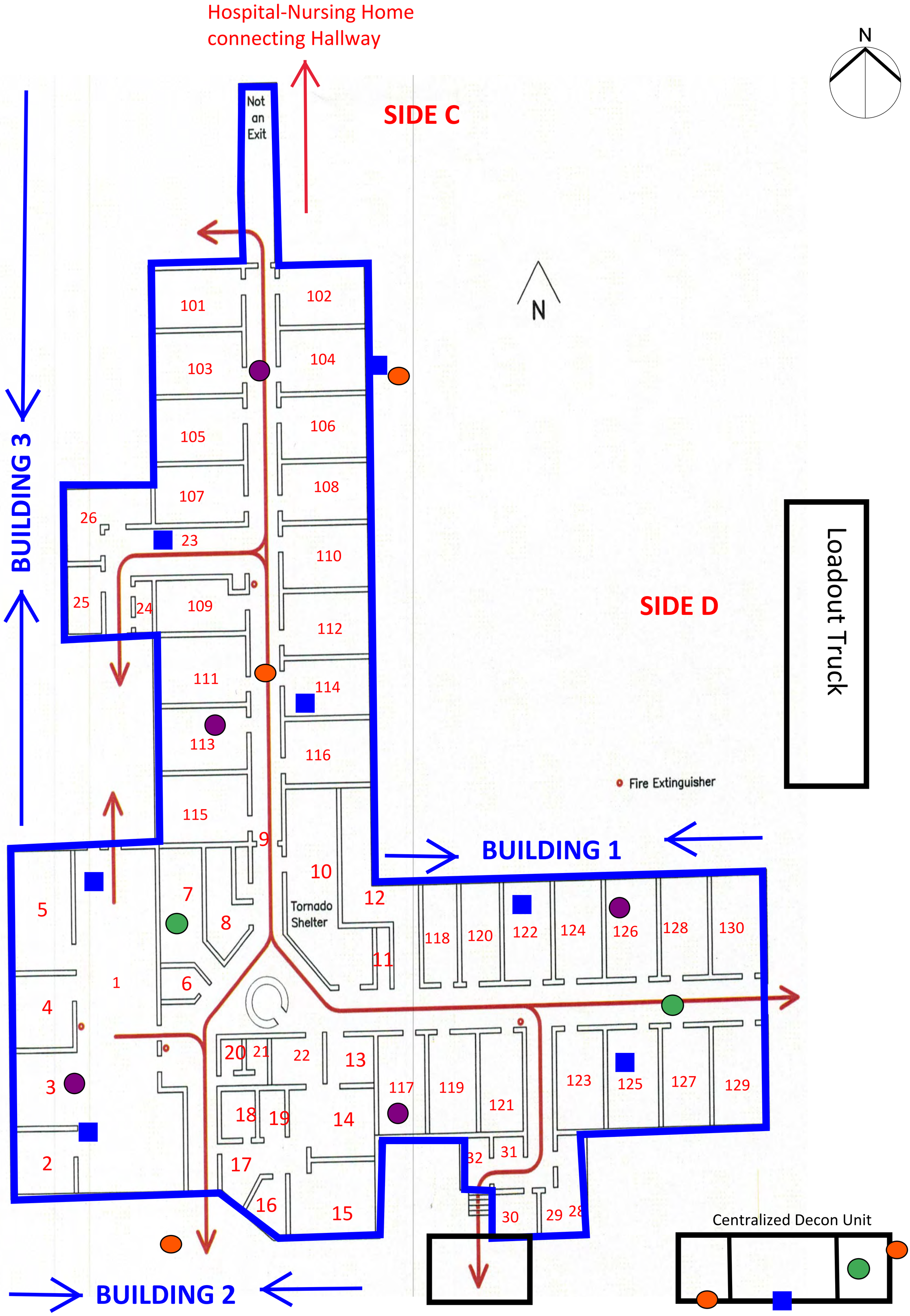
SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
0028-021420-PLM-32B	Barrier	Gray	5%	Chrysotile			75%	Aggregate				
							20%	Fibrous Glass				
0028-021420-PLM-32C	Putty	White		NO ASBESTOS DETECTED			100%	Silicone				
0028-021420-PLM-33A	Texture	Beige	2%	Chrysotile			88%	Aggregate				
							10%	Paint				
0028-021420-PLM-33B	Barrier	Gray	5%	Chrysotile			75%	Aggregate				
							20%	Fibrous Glass				
0028-021420-PLM-33C	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-33D	Caulk	Silver		NO ASBESTOS DETECTED			100%	Foam				
0028-021420-PLM-33E	Putty	White		NO ASBESTOS DETECTED			100%	Silicone				
0028-021420-PLM-34	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-35	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				
0028-021420-PLM-36	Plaster	Beige		NO ASBESTOS DETECTED			40%	Sand	20%	Quartz		
							40%	Silica				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	2/17/2020
ANALYTICAL METHODOLOGY	Test Methods: EPA/600/M4-82-020 as amended in 40 CFR, Part 763, Subpart E, Appendix E "Interim Method for determination of Asbestos in Bulk Insulation Samples", referred to as the US EPA 600/R-93/116 Method for the Determination of Asbestos in Bulk Building Materials by Polarized Light Microscopy (PLM).			LAB ACCREDITATION	American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BPAT) Programs: Participant # 102334

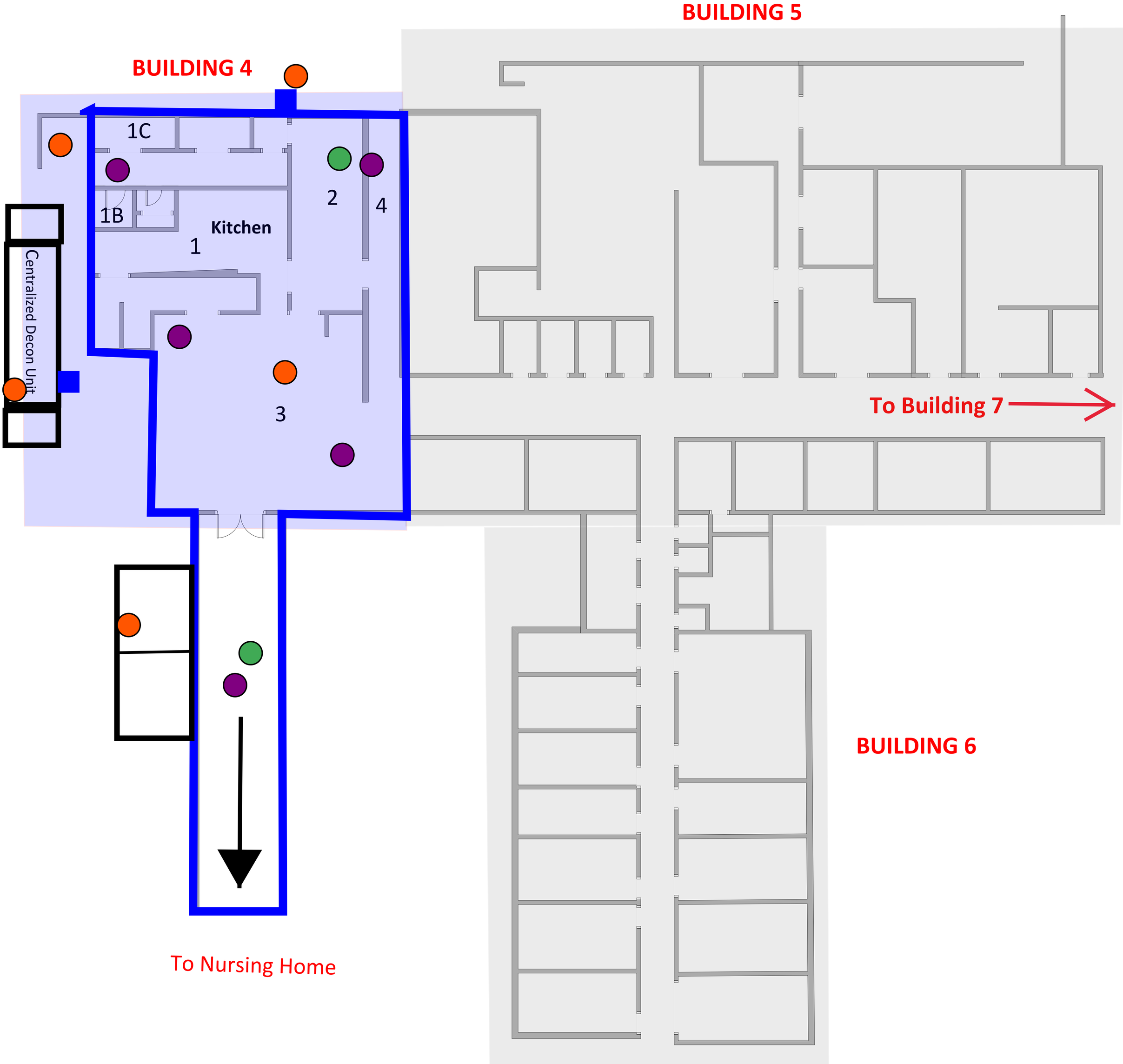


BUILDING 8 (POLICE BUILDING)

MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL** 6101 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	1 FIGURE



MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**NURSING HOME WING (BLDG. 1-3) FLOOR PLAN** FORMER THOMAS HOSPITAL 610 EAST BROADWAY THOMAS, OK 73669	2 FIGURE NOT TO SCALE



N

MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 4, 5 & 6 FLOOR PLAN

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

3
FIGURE

NOT TO SCALE

Work Area Boundary
Escape Route
Negative Pressure Machines
Fire Extinguisher
Area Samples
Clearance Samples
Pop-Ups

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31
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33
33A
33C
34
34A
34B
35
Hallway
Hallway
Hallway
Hallway
Hallway
Hallway
East Hallway
To Building 5
Loadout Truck
Centralized Decon Unit
Mech. Room
Garage

MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 7 (EAST WING) FLOOR PLAN

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

4
FIGURE

NOT TO SCALE

Oklahoma Department of Labor

Jamie Marshall

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA PROJECT DESIGNER

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in her by law hereby issues to the applicant license
No. OK-PD400478.

Leslie Osborn

Leslie Osborn

Commissioner of Labor

February 26, 2020

Date of Issuance

EXPIRES: February 21, 2021

FORMER THOMAS HOSPITAL

610 EAST BROADWAY AVENUE
THOMAS, OK 73669

JUNE 12, 2020

LEAD-BASED PAINT INSPECTION
SETTLED LEAD DUST SURVEY

SERVICES PROVIDED FOR:

ODEQ Brownfields Division
Attention: Rachel Francks | Project Manager
PO Box 1677
Oklahoma City, OK 73101
405.702.5103| *Rachel.francks@deq.ok.gov*

SERVICES PROVIDED BY:

Marshall Environmental Management, Incorporated
Attention: Jamie Marshall | President
1301 North Martin Luther King Avenue
Oklahoma City, OK 73117
405.616.0401 | mem@marshallenvironmental.com

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APPENDIX 2

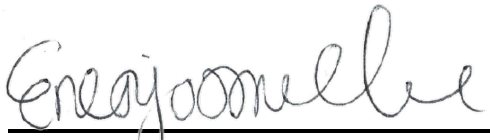
FORMER THOMAS HOSPITAL

LEAD-BASED PAINT INSPECTION AND SETTLE LEAD DUST SURVEY

CERTIFICATION

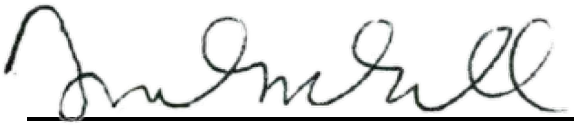
This is to certify that Marshall Environmental Management, Incorporated (MEM) was contracted by Rachel Francks on behalf of Oklahoma Department of Environmental Quality Brownfields Section-LPD, to conduct a Lead-Based Paint (LBP) Inspection and Settled Lead Dust Survey (SLD) of the Former Thomas Hospital located at 610 East Broadway Avenue in Thomas, Oklahoma. These inspections were performed between February 10th – 17th of 2020 by an LBP Inspector and Risk Assessor certified by the Oklahoma Department of Environmental Quality (ODEQ). Painted surfaces were analyzed for lead content utilizing an X-Ray Fluorescence (XRF) direct-reading, data-logging instrument (Heuresis Pb200i XRF Lead Paint Analyzer). Training for the instrument was provided by an ODEQ/EPA-approved course as required prior to obtaining the ODEQ LBP Inspector/Risk Assessor Certification. The instrumentation utilized was calibrated in accordance with manufacture specifications; therefore, the analytical data resulting from this inspection event is believed to reflect the concentrations of lead in paint that were present at the time this inspection was performed.

CERTIFIED LEAD-BASED PAINT INSPECTOR/RISK ASSESSORS



June 12, 2020

Eneojo Onuche | MEd| BS — Report Date
Industrial Hygienist
ODEQ Lead-Based Certification: OKRASR13853



June 12, 2020

Jamie Marshall | MS| CIH — Report Date
President
ODEQ Lead-Based Certification: OKRASR13418

SUMMARY

On February 10th - 17th of 2020, MEM conducted a LBP Inspection and SLD Survey of the Former Thomas Hospital located at 610 East Broadway Avenue in Thomas, Oklahoma. According to the EPA, *Lead-Based Paint* (LBP) is characterized as paint that contains lead in concentrations greater than or equal to 1-milligram per square centimeter (≥1-mg/cm^2). As a result of this inspection, LBP was identified on walls, wallpaper, bathtubs, cabinet, doors and door components within the interior areas of building one (1), three (3) and seven (7). Furthermore, Settled Lead Dust (SLD) wipe samples were collected from the floors throughout Building 1-four(4) and 7 to determine the extent of LBP contamination. The sampling locations and the concentrations detected for lead dust and LBP are summarized below in the Analytical Findings portion of this report (Table I-IV).

Subsequently, the lead concentrations detected in the dust wipes samples collected from the floors throughout the east and the west wings {i.e. building 4 and 7} exceeded the Environmental Protection Agency (EPA) Lead Action Level for interior floors of target housing. The analytical data resulting from the LBP inspection and SLD survey are believed to reflect the concentration of LBP and lead dust that were present at the time of these inspections. The correlating analytical data, floorplan diagrams and photographs and applicable certifications/licensures are included as an attachment to this report. The remainder of this report includes the Analytical Findings, Disclosure Statement, Legal Obligation as well as information regarding LBP.

HISTORICAL OVERVIEW OF PROPERTY & LEAD-BASED PAINT ACTIVITIES

Former Thomas Hospital is a vacant facility comprised of eight (8) interconnected single-story buildings. The buildings' exterior is comprised mostly of brick. The interior is comprised of plaster and drywall with some wallpaper throughout. Historical records on prior renovations were not provided for review, though evidence or information that suggested a prior LBP Inspection or Risk Assessment occurred at building five (5) and six (6) was provided for review. However, no information on prior LBP Inspection or Risk Assessment within the remaining buildings were provided for review

SCOPE OF SERVICE

LBP INSPECTION

This LBP Inspection was accomplished so that the location(s) of paint that contain lead in concentrations ≥1-mg/cm^2, if present, could be identified. As part of this LBP Inspection, various painted surfaces, excluding non-fixed and factory-painted items, were representatively sampled and analyzed for lead content. Readings were taken from each of the combinations listed below for each accessible area of the building.

- Color: Lead is added to paints for pigmentation and corrosion resistance. MEM assumes that paints of similar color contains similar amounts of lead and, therefore, each color observed was tested.
- Substrate: Lead is used as a primer for various substrates. However, similar to topcoats, the undercoat primer and other paint layers could be different. It is assumed that, on each substrate type in the building (e.g., metal, wood, wallboard, and stucco), primer and undercoat paint are consistently applied and contain similar quantities of lead, if any. Thus, each substrate observed was tested.
- Building Components: Building components (e.g., walls, floor, and ceiling) could have been painted with different colors of paint throughout the history of the building. It is assumed that the different components had different primers and undercoats applied even though the topcoat colors appeared similar. It is also

assumed that similar primer and paint had been applied underneath the top layer on similar building components. Thus, each building component observed was tested.

This LBP Inspection, however, was limited to certain aspects of the building construction that can restrict and/or prevent the complete inspection of hidden or inaccessible building components. Painted surfaces were analyzed for lead content utilizing an X-Ray Fluorescence (XRF), direct reading data-logging instrument *Heuresis Pb200i Lead Analyzer.* The street-facing side of the structure(s) was identified as side *A*, and going in a clockwise direction, the remaining sides were categorized as side *B*, *C* and *D* respectively. Lastly, the client and/or owner representative were expected to provide access to the structure(s) in addition to notifying and providing, if necessary, an explanation of the LBP Inspection to the occupants. At the time this inspection was performed, no deviations from the scope of service occurred.

SURFACE LEAD DUST SURVEY

In addition to the LBP Inspection, samples were also collected of settled dust throughout the building. These samples were collected with a Lead Wipe that meets ASTM E1792 specifications utilizing a template. Utilizing disposable gloves, the wipe was used to sample the floor firmly at an upper corner of the template to make "S"-like motions across the entire one square-foot (1-ft^2) template. The wipe was folded in half, keeping the dirty side in, and the wiping procedure was repeated in the original direction in a forward and back motion. The wipe filter was folded again, and the wiping procedure was repeated, concentrating on collecting dust from the edges and corners of the sample area. The wipe filter was folded and placed inside the polyethylene capped tube for laboratory analysis. According to the EPA, settled dust collected from interior floor surfaces that contains lead in concentrations greater than 10-micrograms per-square-foot (>10-µg/ft^2), >100-µg/ft^2 for interior windowsills and >400-µg/ft^2 for window troughs and all other exterior surfaces, are defined as LBP hazards.

DISCLAIMER & STANDARD OF CARE

Although paint on various surfaces may not contain lead in concentrations that exceed the federal standard, a hazard could be presented if painted surfaces are disturbed. Occupational Safety and Health Administration (OSHA) regulations covering worker safety and health may apply when painted surfaces, lead-based paint or not, are disturbed The EPA pre-renovation rule requires that the contractor provide a copy of the booklet Protect Your Family from Lead in Your Home or Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools for any renovation that disturbs more than 2-square feet (2-ft^2) of painted surface in a facility built before 1978. Furthermore, if renovation of any kind takes place the contractor should provide a copy of Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools. This Report was generated utilizing the EPA protocol referenced in the Certification portion of this Report. The analytical results associated with this inspection are only applicable on the date(s) indicated. Future activities may alter the results.

ANALYTICAL FINDINGS

LBP INSPECTION

The analytical data associated with this inspection detected LBP in various interior components (i.e. walls, wallpaper, doors, door components, and a cabinet in Building 1 and 7). The lead-containing components identified within the radiology and surgery units (Room (Room 19-21 and 23) of Building 7 are assumed to be Lead-Shielding Construction materials used for protection against radiation. While not every surface of each building material in Room 19-21 of Building 7 was tested, it is assumed that all doors and associated components, wallpaper/walls, and the cabinet should be considered as LBP (see attached photo album and floor plan). In addition, the bathtub in Building 1 and 3 (Room 26 & 28) and the Vinyl wallpaper in Room 23 of Building 7 also tested positive for LBP. It should be noted that the garage attached to Building 7 was not accessible, therefore all building materials in the garage are assumed lead-containing until sampling can be performed for verification. As such, the sample numbers in Table I below are indicative of the actual samples collected, though the room equivalent listed include only the room that contain building materials that should be treated as LBP-containing. Furthermore, the majority of the paint on the original painted walls within Building 7 was considered deteriorated and flaked paint was observed on the interior floor of Building 7. In addition, the LBP-containing wallpaper within Building 7 were also observed peeling off the wall.

TABLE I: XRF DATA (POSITIVE LBP COMPONENTS)

SAMPLE NUMBER	BUILDING NUMBER	ROOM EQUIVALENT	BUILDING COMPONENT	SUBSTRATE	PAINT COLOR	LBP CONCENTRATION	ESTIMATED QUANTITY
311	3	ROOM 28	BATHTUB	METAL	WHITE	24.1-mg/cm^2	1 PIECE
589-590	7	ROOM 19	WALL/WALLPAPER	DRYWALL/VINYL	GREEN	1.30-mg/cm^2	324-FT^2
594-596	7	ROOM 20	WALL	DRYWALL	WHITE	7.2 - 25.4-mg/cm^2	324-FT^2
597-598	7	ROOM 20	DOOR & COMPONENTS	WOOD & METAL	BROWN	4.3 - 9.7-mg/cm^2	2 PIECES
604	7	ROOM 21B	CABINET	METAL	GREEN	17.4-mg/cm^2	1
605-606	7	ROOM 21 & 21B	DOOR & COMPONENTS	WOOD & METAL	BROWN	5.1 – 6.7-mg/cm^2	3 PIECES
631, 634, 636	7	ROOM 23	WALL/WALLPAPER	DRYWALL/VINYL	GREEN	1.2-mg/cm^2	240-FT^2
		COMPONENT REMOVAL/ABATEMENT: ESTIMATED COST					$12,590
		ESTIMATED CLEARANCE SAMPLING COST					$2,450
		ESTIMATED TOTAL COST					$15,040

MILLIGRAM PER SQUARE CENTIMETER - mg/cm^2

LBP SETTLED LEAD DUST SURVEY

To determine the extent of the LBP contamination, SLD survey was conducted throughout the interior floors of Building 1-4 and 7, the results are reported below in Table II and III. Subsequently, the majority of the surfaces sampled within Building 7 identified concentrations of surface dust indicative of LBP contamination. Lastly, the analytical data for the LBP inspection and SDS survey are included in the Appendix to this Report.

TABLE II: SURFACE LEAD DUST ANALYTICAL SUMMARY – NURSING HOME WING (BUILDING 1-3)

LAB ID	ROOM EQUIVALENT	BUILDING COMPONENT/LOCATION	RESULTS	ACTION LEVEL
001	BUILDING 2 - ROOM 1	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
002	BUILDING 2 - ROOM 3	FLOOR - WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
003	BUILDING 2 - ROOM 7	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
004	BUILDING 2 - ROOM 6	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
005	BUILDING 1 - ROOM 121	FLOOR - EAST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
006	BUILDING 1 - ROOM 125	FLOOR - EAST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
007	BUILDING 1 - ROOM 131	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
008	BUILDING 1 - ROOM 130	FLOOR - WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
009	BUILDING 1 - ROOM 126	FLOOR – WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
010	BUILDING 1 - ROOM 122	FLOOR – WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
011	BUILDING 3 - ROOM 9	FLOOR – SOUTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
012	BUILDING 3 - ROOM 114	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
014	BUILDING 3 - ROOM 106	FLOOR - WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
015	BUILDING 3 - ROOM 102	FLOOR - EAST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
016	BUILDING 3 - ROOM 103	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
017	BUILDING 3 - ROOM 107	FLOOR - EAST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
018	BUILDING 3 - WEST HALLWAY	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
019	BUILDING 3 - ROOM 113	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
021	BUILDING 1 - EAST HALLWAY	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
022	BUILDING 1 - EAST HALLWAY	FLOOR - WEST	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
023	BUILDING 3 - NORTHWEST HALLWAY	FLOOR - SOUTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
024	BUILDING 3 - NORTHWEST HALLWAY	FLOOR - NORTH	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
025	BUILDING 2 - SOUTH MAIN ENTRANCE	FLOOR	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
026	HOSPITAL-NURSING HOME HALLWAY	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}

µg/ft.^{2} MICROGRAMS PER SQUARE FOOT

TABLE III: SURFACE LEAD DUST ANALYTICAL SUMMARY – HOSPITAL WING (BUILDING 4 & 7)

LAB ID	ROOM EQUIVALENT	BUILDING COMPONENT/LOCATION	RESULTS	ACTION LEVEL
001	BUILDING 4 - ROOM 3	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
002	BUILDING 4 - ROOM 1	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
003	BUILDING 4 - ROOM 1B	FLOOR CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
004	BUILDING 4 - ROOM 2	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
005	BUILDING 4 - ROOM 4	FLOOR - CENTER	<5.00-µg/ft.^{2}	10-µg/ft.^{2}
006	BUILDING 7 - ROOM 34 HALLWAY	FLOOR - EAST	8.7-µg/ft.^{2}	10-µg/ft.^{2}
007	BUILDING 7 – ROOM 2	FLOOR - EAST	6.7-µg/ft.^{2}	10-µg/ft.^{2}
008	BUILDING 7 – ROOM 3	FLOOR - CENTER	**17-µg/ft.^{2}**	10-µg/ft.^{2}
009	BUILDING 7 – ROOM 7	FLOOR - CENTER	6.7-µg/ft.^{2}	10-µg/ft.^{2}
010	BUILDING 7 – ROOM 33	FLOOR - CENTER	**14-µg/ft.^{2}**	10-µg/ft.^{2}
011	BLANK	N/A	<5.0-µg/ft.^{2}	N/A
012	BUILDING 7 – ROOM 11	FLOOR - CENTER	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
013	BUILDING 7 – ROOM 32	FLOOR - EAST	6.7-µg/ft.^{2}	10-µg/ft.^{2}
014	BUILDING 7 – ROOM 27B	FLOOR - EAST	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
015	BUILDING 7 – ROOM 27	FLOOR - CENTER	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
016	BUILDING 7 – ROOM 29	FLOOR - CENTER	**25-µg/ft.^{2}**	10-µg/ft.^{2}
017	BUILDING 7 – EAST HALLWAY	FLOOR	**12-µg/ft.^{2}**	10-µg/ft.^{2}
018	BUILDING 7 – ROOM 15	FLOOR - CENTER	**11-µg/ft.^{2}**	10-µg/ft.^{2}
019	BUILDING 7 – ROOM 30	FLOOR - EAST	**21-µg/ft.^{2}**	10-µg/ft.^{2}
020	BUILDING 7 – ROOM 18	FLOOR - CENTER	**41-µg/ft.^{2}**	10-µg/ft.^{2}
021	BUILDING 7 – ROOM 20	FLOOR - CENTER	**22-µg/ft.^{2}**	10-µg/ft.^{2}
022	BLANK	FLOOR - CENTER	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
023	BUILDING 7 – ROOM 21 HALLWAY	FLOOR - CENTER	**25-µg/ft.^{2}**	10-µg/ft.^{2}
024	BUILDING 7 – ROOM 26 HALLWAY	FLOOR - CENTER	**12-µg/ft.^{2}**	10-µg/ft.^{2}
025	BUILDING 7 – ROOM 33A	FLOOR - CENTER	**17-µg/ft.^{2}**	10-µg/ft.^{2}
026	BUILDING – EAST HALLWAY	FLOOR - NORTH	7.1-µg/ft.^{2}	10-µg/ft.^{2}
027	BUILDING 7 – ROOM 23	FLOOR - CENTER	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
028	BUILDING 7 – MECHANICAL ROOM	MECHANICAL ROOM FLOOR	**130-µg/ft.^{2}**	10-µg/ft.^{2}
029	BUILDING 7 – ROOM 22	FLOOR - CENTER	<5.0-µg/ft.^{2}	10-µg/ft.^{2}
			ESTIMATED LEAD SURFACE CLEAN-UP COST (PROPERTY SIZE: 30,550-FT^2)	$15,000
			ESTIMATED CLEARANCE SAMPLING COST	$4,500
			ESTIMATED TOTAL COST	$19,500

µg/ft.^{2} MICROGRAMS PER SQUARE FOOT

DISCLOSURE STATEMENT AND OWNERS LEGAL OBLIGATION

Under Federal law (24 CFR Part 35 and 40 CFR Part 745), this LBP Inspection Report must be disclosed and made available to prospective tenants before becoming obligated under a lease or sales contract where LBP is present. If an Inspection finds that LBP is not present in certain multifamily dwelling units, which are to be leased, the dwelling unit(s) is exempt from disclosure requirements. However, under federal law even if no LBP is identified the owner is still required to fulfill certain legal responsibilities when the property is sold, not leased. Property owners and sellers are also required to distribute an educational pamphlet and include standard warning language in their leases or sales contracts to ensure that information is provided in order to protect children from LBP hazards.

Information regarding the legal obligation to disclose results associated with LBP inspections and/or risk assessments to tenants and/or purchasers can be obtained from the National Lead Information Center Clearinghouse (1-800-424-LEAD). This information is specified in 24 CFR Part 35 and 40 CFR Part 745 (published in the *Federal Register*, Volume 61, Number 45, April 6, 1996, beginning on p. 9064).

LEAD-BASED PAINT INFORMATION

You may contact the National Lead Information Center Clearinghouse (1-800-424-LEAD) to obtain United States Department of Housing and Urban Development (HUD) and EPA brochures, question and answer booklets, regulations, mentioned in this Report, and other information regarding LBP disclosure.

PART I: IDENTIFYING INFORMATION

OCCUPANT INFORMATION

Vacant

PROPERTY OWNER INFORMATION

City of Thomas, Oklahoma

CERTIFIED LBP INSPECTOR/RISK ASSESSOR

Eneojo Onuche
ODEQ Certification – OKRASR13853

CERTIFIED LBP FIRM

Marshall Environmental Management, Inc.
1301 N Martin Luther King Ave.
Oklahoma City, OK 73117
405.616.0401|
mem@marshallenvironmental.com
ODEQ Certification – OKFIRM11160

LABORATORY ANALYSES PERFORMED BY:

Quantem Laboratories
2033 Heritage Park Drive
Oklahoma City, OK 73120-7502
800.822.1650 | www.quantem.com

Environmental Testing, Incorporated
4619 N Santa Fe Avenue
Oklahoma City, OK 73118
Phone: 405.488.2400|www.etilab.com

X-RAY FLUORESCE ANALYZER

Heuresis Pb200i Lead Analyzer
Serial Number: Q8-131

APPENDIX

AREA DIAGRAM & PHOTO ALBUM

XRF ANALYTICAL DATA

CERTIFICATION/LICENSURE

FORMER THOMAS HOSPITAL
610 EAST BROADWAY AVENUE
THOMAS, OKLAHOMA OK 73669

MARSHALL ENVIRONMENTAL MANAGEMENT INC.
1301 NORTH MARTIN LUTHER KING AVENUE
OKLAHOMA CITY, OK 73117

EQUIPMENT INFORMATION
MANUFACTURE: HEURESIS CORP.
TYPE: XRF LEAD PAINT ANALYZER
SERIAL NO. 1966
APP VERSION: Pb2000i-4.1-11

WEST WING (WW) AND EAST WING (EW) - BUILDING 4 AND 7

Job Id	Reading #	Concentration	Units	Result	Date	Room	Structure	Substrate	Wall	Color	Condition
0009-EN-010820-JO	435	1.1	mg/cm2	Positive	2/17/2020	Calibrate					
0009-EN-010820-JO	436	1	mg/cm2	Positive	2/17/2020	Calibrate					
0009-EN-010820-JO	437	1	mg/cm2	Positive	2/17/2020	Calibrate					
0009-EN-010820-JO	438	0.8	mg/cm2	Negative	2/17/2020	Calibrate	Door Jam				
0009-EN-010820-JO	439	0	mg/cm2	Negative	2/17/2020	Rm 1 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	440	0.1	mg/cm2	Negative	2/17/2020	Rm 1 WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	441	0	mg/cm2	Negative	2/17/2020	Rm 1 WW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	442	0	mg/cm2	Negative	2/17/2020	Rm 1 WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	443	0.1	mg/cm2	Negative	2/17/2020	Rm 1 WW	Door	Metal	D	Grey	Intact
0009-EN-010820-JO	444	0.3	mg/cm2	Negative	2/17/2020	Rm 1 WW	Door Casing	Metal	D	Grey	Intact
0009-EN-010820-JO	445	0.2	mg/cm2	Negative	2/17/2020	Rm 1 WW	Window Frame	Metal	D	Grey	Intact
0009-EN-010820-JO	446	0.2	mg/cm2	Negative	2/17/2020	Rm 1B WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	447	-0.1	mg/cm2	Negative	2/17/2020	Rm 1B WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	448	0.1	mg/cm2	Negative	2/17/2020	Rm 1B WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	449	0.1	mg/cm2	Negative	2/17/2020	Rm 1B WW	Door Casing	Metal	A	Grey	Intact
0009-EN-010820-JO	450	-0.2	mg/cm2	Negative	2/17/2020	Rm 1B WW	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	451	0.1	mg/cm2	Negative	2/17/2020	Rm 1C WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	452	-0.1	mg/cm2	Negative	2/17/2020	Rm 1C WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	453	0.2	mg/cm2	Negative	2/17/2020	Rm 1C WW	Door Casing	Wood	C	Brown	Intact
0009-EN-010820-JO	454	-0.2	mg/cm2	Negative	2/17/2020	Rm 1C WW	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	455	-0.1	mg/cm2	Negative	2/17/2020	Rm 2 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	456	0	mg/cm2	Negative	2/17/2020	Rm 2 WW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	457	0	mg/cm2	Negative	2/17/2020	Rm 2 WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	458	-0.2	mg/cm2	Negative	2/17/2020	Rm 2 WW	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	459	-0.2	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	460	0.2	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	461	-0.2	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	462	0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Vinyl Baseboard		D	Brown	Intact
0009-EN-010820-JO	463	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	464	0.2	mg/cm2	Negative	2/17/2020	Rm 4 WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	465	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW	Door	Metal	A	Brown	Intact
0009-EN-010820-JO	466	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW	Door Casing	Metal	A	Brown	Intact

0009-EN-010820-JO	467	0.1	mg/cm2	Negative	2/17/2020	Rm 1 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	468	0	mg/cm2	Negative	2/17/2020	Rm 1 EW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	469	-0.1	mg/cm2	Negative	2/17/2020	Rm 1 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	470	0	mg/cm2	Negative	2/17/2020	Rm 1 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	471	0.1	mg/cm2	Negative	2/17/2020	Rm 1 EW	Door Casing	Metal	C	Brown	Intact
0009-EN-010820-JO	472	-0.1	mg/cm2	Negative	2/17/2020	Rm 1 EW	Table	Wood	C	White	Intact
0009-EN-010820-JO	473	-0.2	mg/cm2	Negative	2/17/2020	Rm 2 WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	474	0	mg/cm2	Negative	2/17/2020	Rm 2 WW	Ceiling	Drywall	A	White	Intact
0009-EN-010820-JO	475	0	mg/cm2	Negative	2/17/2020	Rm 2 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	476	0.1	mg/cm2	Negative	2/17/2020	Rm 2 WW	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	477	0.2	mg/cm2	Negative	2/17/2020	Rm 2 WW	Window Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	478	0.1	mg/cm2	Negative	2/17/2020	Rm 2 WW	AC Panel	Metal	A	Brown	Intact
0009-EN-010820-JO	479	0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW Hallway	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	480	-0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	A	Brown	Intact
0009-EN-010820-JO	481	-0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	B	Brown	Intact
0009-EN-010820-JO	482	0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	483	0.2	mg/cm2	Negative	2/17/2020	Rm 3 WW	Window Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	484	0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Ceiling	Drywall		White	Intact
0009-EN-010820-JO	485	0.1	mg/cm2	Negative	2/17/2020	Rm 3 WW	Door Casing	Drywall	C	Brown	Intact
0009-EN-010820-JO	486	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW Hallway	Wall	Drywall	B	Beige	Deteriorated
0009-EN-010820-JO	487	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW Hallway	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	488	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW Hallway	Door	Metal	A	Brown	Intact
0009-EN-010820-JO	489	0.2	mg/cm2	Negative	2/17/2020	Rm 4 WW Hallway	Door Casing	Metal	A	Brown	Intact
0009-EN-010820-JO	490	0.1	mg/cm2	Negative	2/17/2020	Rm 4 WW Hallway	Door Casing	Metal	A	Brown	Intact
0009-EN-010820-JO	491	0.1	mg/cm2	Negative	2/17/2020	4 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	492	0	mg/cm2	Negative	2/17/2020	4 WW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	493	0.2	mg/cm2	Negative	2/17/2020	4 WW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	494	0	mg/cm2	Negative	2/17/2020	4 WW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	495	-0.1	mg/cm2	Negative	2/17/2020	4 WW	Ceiling	Drywall		White	Intact
0009-EN-010820-JO	496	0	mg/cm2	Negative	2/17/2020	4 WW	Closet	Wood	D	purple	Intact
0009-EN-010820-JO	497	-0.2	mg/cm2	Negative	2/17/2020	4 WW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	498	0.1	mg/cm2	Negative	2/17/2020	4 WW	Door Casing	Wood	D	Brown	Intact
0009-EN-010820-JO	499	-0.1	mg/cm2	Negative	2/17/2020	5 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	500	0.1	mg/cm2	Negative	2/17/2020	5 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	501	0	mg/cm2	Negative	2/17/2020	5 EW	Ceiling	Drywall	C	White	Intact
0009-EN-010820-JO	502	0.1	mg/cm2	Negative	2/17/2020	5 EW	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	503	0	mg/cm2	Negative	2/17/2020	5 EW	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	504	0.3	mg/cm2	Negative	2/17/2020	East Hallway	Pipe Column	Metal	B	Red	Intact
0009-EN-010820-JO	505	0	mg/cm2	Negative	2/17/2020	6 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	506	0	mg/cm2	Negative	2/17/2020	6 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	507	0.2	mg/cm2	Negative	2/17/2020	6 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	508	0	mg/cm2	Negative	2/17/2020	6 EW	Ceiling	Drywall		White	Intact
0009-EN-010820-JO	509	0	mg/cm2	Negative	2/17/2020	6 EW	Cabinet	Wood	D	Brown	Intact
0009-EN-010820-JO	510	0.7	mg/cm2	Negative	2/17/2020	6 EW	Vanity	Wood	D	Orange	Intact

0009-EN-010820-JO	511	-0.1	mg/cm2	Negative	2/17/2020	6 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	512	0.2	mg/cm2	Negative	2/17/2020	6 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	513	0.1	mg/cm2	Negative	2/17/2020	7 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	514	-0.1	mg/cm2	Negative	2/17/2020	7 EW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	515	0.1	mg/cm2	Negative	2/17/2020	7 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	516	0.1	mg/cm2	Negative	2/17/2020	7 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	517	-0.1	mg/cm2	Negative	2/17/2020	7 EW	Ceiling	Drywall		White	Intact
0009-EN-010820-JO	518	0.1	mg/cm2	Negative	2/17/2020	7 EW	AC Panel	Metal	B	Brown	Intact
0009-EN-010820-JO	519	0.1	mg/cm2	Negative	2/17/2020	7 EW	Window Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	520	-0.2	mg/cm2	Negative	2/17/2020	7 EW	Vinyl Baseboard		B	Brown	Intact
0009-EN-010820-JO	521	-0.1	mg/cm2	Negative	2/17/2020	7 EW	Vanity	Wood	D	White	Intact
0009-EN-010820-JO	522	0.1	mg/cm2	Negative	2/17/2020	7 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	523	-0.1	mg/cm2	Negative	2/17/2020	7 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	524	0.1	mg/cm2	Negative	2/17/2020	7 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	525	0.1	mg/cm2	Negative	2/17/2020	9 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	526	0	mg/cm2	Negative	2/17/2020	9 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	527	0.1	mg/cm2	Negative	2/17/2020	9 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	528	0.2	mg/cm2	Negative	2/17/2020	9 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	529	-0.1	mg/cm2	Negative	2/17/2020	9 EW	Door Casing	Wood	D	Brown	Intact
0009-EN-010820-JO	530	0.1	mg/cm2	Negative	2/17/2020	10 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	531	0.2	mg/cm2	Negative	2/17/2020	10 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	532	0	mg/cm2	Negative	2/17/2020	10 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	533	0.2	mg/cm2	Negative	2/17/2020	10 EW	Window Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	534	0	mg/cm2	Negative	2/17/2020	10 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	535	0.6	mg/cm2	Negative	2/17/2020	10 EW	Vanity	Wood	D	Orange	Intact
0009-EN-010820-JO	536	0.1	mg/cm2	Negative	2/17/2020	10 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	537	-0.1	mg/cm2	Negative	2/17/2020	11 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	538	0.1	mg/cm2	Negative	2/17/2020	11 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	539	0	mg/cm2	Negative	2/17/2020	11 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	540	0.1	mg/cm2	Negative	2/17/2020	11 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	541	-0.1	mg/cm2	Negative	2/17/2020	11 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	542	0.7	mg/cm2	Negative	2/17/2020	11 EW	Vanity	Wood	D	White	Intact
0009-EN-010820-JO	543	0.1	mg/cm2	Negative	2/17/2020	11 EW	Vinyl Baseboard		D	Brown	Intact
0009-EN-010820-JO	544	-0.1	mg/cm2	Negative	2/17/2020	13 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	545	0.1	mg/cm2	Negative	2/17/2020	13 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	546	0.1	mg/cm2	Negative	2/17/2020	13 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	547	0	mg/cm2	Negative	2/17/2020	13 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	548	0	mg/cm2	Negative	2/17/2020	13 EW	AC Panel	Metal	B	Brown	Intact
0009-EN-010820-JO	549	0.1	mg/cm2	Negative	2/17/2020	13 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	550	0	mg/cm2	Negative	2/17/2020	13 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	551	0.2	mg/cm2	Negative	2/17/2020	14 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	552	0	mg/cm2	Negative	2/17/2020	14 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	553	0	mg/cm2	Negative	2/17/2020	14 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	554	-0.1	mg/cm2	Negative	2/17/2020	14 EW	Closet	Wood	D	Brown	Intact

0009-EN-010820-JO	555	-0.1	mg/cm2	Negative	2/17/2020	14 EW	Vanity	Wood	D	Brown	Intact
0009-EN-010820-JO	556	0.1	mg/cm2	Negative	2/17/2020	14 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	557	0.1	mg/cm2	Negative	2/17/2020	14 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	558	0	mg/cm2	Negative	2/17/2020	15 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	559	0	mg/cm2	Negative	2/17/2020	15 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	560	0.1	mg/cm2	Negative	2/17/2020	15 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	561	0	mg/cm2	Negative	2/17/2020	15 EW	Closet	Wood	D	Orange	Intact
0009-EN-010820-JO	562	-0.1	mg/cm2	Negative	2/17/2020	15 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	563	0.1	mg/cm2	Negative	2/17/2020	15 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	564	-0.1	mg/cm2	Negative	2/17/2020	15 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	565	-0.2	mg/cm2	Negative	2/17/2020	15 EW	Vinyl Baseboard		D	Brown	Intact
0009-EN-010820-JO	566	0	mg/cm2	Negative	2/17/2020	16 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	567	0.1	mg/cm2	Negative	2/17/2020	16 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	568	0	mg/cm2	Negative	2/17/2020	16 EW	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	569	-0.3	mg/cm2	Negative	2/17/2020	16 EW	Closet	Wood	D	White	Intact
0009-EN-010820-JO	570	0.2	mg/cm2	Negative	2/17/2020	16 EW	Door Casing	Wood	D	White	Intact
0009-EN-010820-JO	571	0.1	mg/cm2	Negative	2/17/2020	16 EW	Door Casing	Wood	D	White	Intact
0009-EN-010820-JO	572	0.1	mg/cm2	Negative	2/17/2020	17 EW	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	573	0	mg/cm2	Negative	2/17/2020	17 EW	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	574	0	mg/cm2	Negative	2/17/2020	17 EW	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	575	-0.2	mg/cm2	Negative	2/17/2020	17 EW	Window Sill	Wood	C	White	Intact
0009-EN-010820-JO	576	0.2	mg/cm2	Negative	2/17/2020	17 EW	Window Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	577	-0.1	mg/cm2	Negative	2/17/2020	17 EW	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	578	0.2	mg/cm2	Negative	2/17/2020	17 EW	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	579	0.2	mg/cm2	Negative	2/17/2020	Rm 18 Hallway	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	580	0.2	mg/cm2	Negative	2/17/2020	Rm 18 Hallway	Door	Metal	B	Brown	Intact
0009-EN-010820-JO	581	0.9	mg/cm2	Negative	2/17/2020	Rm 18 Bath	Wall	Drywall	A	Yellow	Intact
0009-EN-010820-JO	582	0.1	mg/cm2	Negative	2/17/2020	Rm 18 Bath	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	583	0.1	mg/cm2	Negative	2/17/2020	Rm 18 Bath	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	584	0.3	mg/cm2	Negative	2/17/2020	19	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	585	0	mg/cm2	Negative	2/17/2020	19	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	586	-0.2	mg/cm2	Negative	2/17/2020	19	Cabinet	Wood	C	Green	Intact
0009-EN-010820-JO	587	-0.1	mg/cm2	Negative	2/17/2020	19	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	588	0.2	mg/cm2	Negative	2/17/2020	19	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	589	1.3	mg/cm2	Positive	2/17/2020	19	Wallpaper	Drywall	A	Green	Intact
0009-EN-010820-JO	590	1.3	mg/cm2	Positive	2/17/2020	19	Wallpaper	Drywall	B	Green	Intact
0009-EN-010820-JO	591	0	mg/cm2	Negative	2/17/2020	Rm 20 Hallway	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	592	0	mg/cm2	Negative	2/17/2020	20	Wallpaper	Drywall	A	Purple	Intact
0009-EN-010820-JO	593	-0.1	mg/cm2	Negative	2/17/2020	20	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	594	7.2	mg/cm2	Positive	2/17/2020	20	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	595	6.4	mg/cm2	Positive	2/17/2020	20	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	596	25.4	mg/cm2	Positive	2/17/2020	20	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	597	4.3	mg/cm2	Positive	2/17/2020	20	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	598	9.7	mg/cm2	Positive	2/17/2020	20	Door Casing	Metal	D	Brown	Intact

0009-EN-010820-JO	599	-0.1	mg/cm2	Negative	2/17/2020	20	Cabinet	Wood	A	Brown	Intact
0009-EN-010820-JO	600	0	mg/cm2	Negative	2/17/2020	21	Wall	Drywall	A	Pink	Intact
0009-EN-010820-JO	601	0.2	mg/cm2	Negative	2/17/2020	21	Wall	Drywall	B	Pink	Intact
0009-EN-010820-JO	602	0.3	mg/cm2	Negative	2/17/2020	21	Wallpaper	Drywall	B	Purple	Intact
0009-EN-010820-JO	603	0	mg/cm2	Negative	2/17/2020	21	Wall	Drywall	C	Pink	Intact
0009-EN-010820-JO	604	17.4	mg/cm2	Positive	2/17/2020	21	Cabinet	Metal	B	Green	Intact
0009-EN-010820-JO	605	6.7	mg/cm2	Positive	2/17/2020	21B	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	606	5.1	mg/cm2	Positive	2/17/2020	21B	Door	Metal	B	Brown	Intact
0009-EN-010820-JO	607	0.1	mg/cm2	Negative	2/17/2020	21B	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	608	-0.1	mg/cm2	Negative	2/17/2020	21B	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	609	-0.2	mg/cm2	Negative	2/17/2020	21B	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	610	-0.1	mg/cm2	Negative	2/17/2020	22	Wall	Drywall	B	Pink	Intact
0009-EN-010820-JO	611	0	mg/cm2	Negative	2/17/2020	22	Wall	Drywall	B	Green	Intact
0009-EN-010820-JO	612	0	mg/cm2	Negative	2/17/2020	22	Wall	Drywall	A	Pink	Intact
0009-EN-010820-JO	613	0	mg/cm2	Negative	2/17/2020	22	Wall	Drywall	C	Pink	Intact
0009-EN-010820-JO	614	0	mg/cm2	Negative	2/17/2020	22	Wall	Drywall	B	Purple	Intact
0009-EN-010820-JO	615	0.1	mg/cm2	Negative	2/17/2020	22	Cabinet	Wood	B	Green	Intact
0009-EN-010820-JO	616	-0.1	mg/cm2	Negative	2/17/2020	22	Cabinet	Wood	C	Green	Intact
0009-EN-010820-JO	617	-0.1	mg/cm2	Negative	2/17/2020	22	Cabinet	Wood	C	Brown	Intact
0009-EN-010820-JO	618	-0.1	mg/cm2	Negative	2/17/2020	22	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	619	0.1	mg/cm2	Negative	2/17/2020	22	Door Casing	Wood	A	Brown	Intact
0009-EN-010820-JO	620	0.1	mg/cm2	Negative	2/17/2020	Rm 20 Hallway	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	621	0.2	mg/cm2	Negative	2/17/2020	Rm 20 Hallway	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	622	0.1	mg/cm2	Negative	2/17/2020	Rm 20 Hallway	Door	Metal	D	Brown	Intact
0009-EN-010820-JO	623	0	mg/cm2	Negative	2/17/2020	24	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	624	0	mg/cm2	Negative	2/17/2020	24	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	625	-0.1	mg/cm2	Negative	2/17/2020	24	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	626	0.1	mg/cm2	Negative	2/17/2020	Rm 24 Bath	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	627	0	mg/cm2	Negative	2/17/2020	Rm 24 Bath	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	628	0.6	mg/cm2	Negative	2/17/2020	Rm 24 Bath	Stall	Wood	A	Yellow	Intact
0009-EN-010820-JO	629	-0.2	mg/cm2	Negative	2/17/2020	24	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	630	0.1	mg/cm2	Negative	2/17/2020	24	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	631	1.2	mg/cm2	Positive	2/17/2020	Rm 23	Wallpaper	Wood	A	Green	Intact
0009-EN-010820-JO	632	0	mg/cm2	Negative	2/17/2020	Rm 23	Wall	Drywall	A	Green	Intact
0009-EN-010820-JO	633	0	mg/cm2	Negative	2/17/2020	Rm 23	Wall	Drywall	A	Green	Intact
0009-EN-010820-JO	634	1.2	mg/cm2	Positive	2/17/2020	Rm 23	Wallpaper	Drywall	B	Green	Intact
0009-EN-010820-JO	635	0	mg/cm2	Negative	2/17/2020	Rm 23	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	636	1.2	mg/cm2	Positive	2/17/2020	Rm 23	Wallpaper	Drywall	D	Green	Intact
0009-EN-010820-JO	637	0.1	mg/cm2	Negative	2/17/2020	27B	Wallpaper	Drywall	A	White	Intact
0009-EN-010820-JO	638	0	mg/cm2	Negative	2/17/2020	27B	Wallpaper	Drywall	C	White	Intact
0009-EN-010820-JO	639	0.2	mg/cm2	Negative	2/17/2020	27B	Window Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	640	0.1	mg/cm2	Negative	2/17/2020	25	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	641	0.1	mg/cm2	Negative	2/17/2020	25	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	642	0	mg/cm2	Negative	2/17/2020	25	Wall	Drywall	D	White	Intact

0009-EN-010820-JO	643	-0.1	mg/cm2	Negative	2/17/2020	25	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	644	0.2	mg/cm2	Negative	2/17/2020	25	Door Casing	Wood	A	Brown	Intact
0009-EN-010820-JO	645	0.2	mg/cm2	Negative	2/17/2020	25 Bath	Stall	Wood	A	Yellow	Intact
0009-EN-010820-JO	646	0.1	mg/cm2	Negative	2/17/2020	25 Bath	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	647	0	mg/cm2	Negative	2/17/2020	26	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	648	0	mg/cm2	Negative	2/17/2020	26	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	649	0.1	mg/cm2	Negative	2/17/2020	26	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	650	0.1	mg/cm2	Negative	2/17/2020	26	Cabinet	Wood	D	Green	Intact
0009-EN-010820-JO	651	-0.1	mg/cm2	Negative	2/17/2020	26	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	652	0.1	mg/cm2	Negative	2/17/2020	26	Door Casing	Wood	A	Brown	Intact
0009-EN-010820-JO	653	-0.1	mg/cm2	Negative	2/17/2020	Rm 26 Hallway	Wallpaper	Drywall	A	White	Intact
0009-EN-010820-JO	654	0	mg/cm2	Negative	2/17/2020	Rm 26 Hallway	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	655	0.1	mg/cm2	Negative	2/17/2020	Rm 26 Hallway	Wallpaper	Drywall	C	White	Intact
0009-EN-010820-JO	656	0	mg/cm2	Negative	2/17/2020	29	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	657	-0.1	mg/cm2	Negative	2/17/2020	29	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	658	0	mg/cm2	Negative	2/17/2020	29	Electric Panel	Metal	D	Beige	Intact
0009-EN-010820-JO	659	0.3	mg/cm2	Negative	2/17/2020	27	Electric Panel	Metal	C	Beige	Intact
0009-EN-010820-JO	660	0.1	mg/cm2	Negative	2/17/2020	27	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	661	0	mg/cm2	Negative	2/17/2020	27	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	662	-0.1	mg/cm2	Negative	2/17/2020	27	Window Sill	Wood	D	White	Intact
0009-EN-010820-JO	663	0.1	mg/cm2	Negative	2/17/2020	27	Electric Panel	Metal	B	Green	Intact
0009-EN-010820-JO	664	-0.1	mg/cm2	Negative	2/17/2020	27	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	665	0.2	mg/cm2	Negative	2/17/2020	27	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	666	0	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Cabinet	Wood	B	Yellow	Intact
0009-EN-010820-JO	667	0.1	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Cabinet	Wood	C	Yellow	Intact
0009-EN-010820-JO	668	0.1	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	669	0	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	670	-0.1	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	671	0.2	mg/cm2	Negative	2/17/2020	Rm 27 Closet	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	672	0.1	mg/cm2	Negative	2/17/2020	31	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	673	0	mg/cm2	Negative	2/17/2020	31	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	674	0	mg/cm2	Negative	2/17/2020	31	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	675	0	mg/cm2	Negative	2/17/2020	31	Cabinet	Wood	A	Yellow	Intact
0009-EN-010820-JO	676	-0.1	mg/cm2	Negative	2/17/2020	31	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	677	0.1	mg/cm2	Negative	2/17/2020	31	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	678	0	mg/cm2	Negative	2/17/2020	31B	Wallpaper	Drywall	C	White	Intact
0009-EN-010820-JO	679	0.1	mg/cm2	Negative	2/17/2020	31B	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	680	0	mg/cm2	Negative	2/17/2020	32	Wallpaper	Drywall	A	White	Intact
0009-EN-010820-JO	681	0	mg/cm2	Negative	2/17/2020	32	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	682	0.1	mg/cm2	Negative	2/17/2020	32	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	683	0.1	mg/cm2	Negative	2/17/2020	32	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	684	-0.1	mg/cm2	Negative	2/17/2020	32	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	685	0.2	mg/cm2	Negative	2/17/2020	32	Door Casing	Metal	B	Brown	Intact
0009-EN-010820-JO	686	0	mg/cm2	Negative	2/17/2020	30	Wall	Drywall	A	White	Intact

0009-EN-010820-JO	687	0.2	mg/cm2	Negative	2/17/2020	30	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	688	0.1	mg/cm2	Negative	2/17/2020	30	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	689	-0.1	mg/cm2	Negative	2/17/2020	30	Cabinet	Wood	C	Green	Intact
0009-EN-010820-JO	690	-0.1	mg/cm2	Negative	2/17/2020	30	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	691	0.2	mg/cm2	Negative	2/17/2020	30	Door Casing	Metal	A	Brown	Intact
0009-EN-010820-JO	692	0.1	mg/cm2	Negative	2/17/2020	Rm 30 Hallway	Wallpaper	Drywall	A	White	Intact
0009-EN-010820-JO	693	0.1	mg/cm2	Negative	2/17/2020	Rm 30 Hallway	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	694	-0.1	mg/cm2	Negative	2/17/2020	Rm 30 Hallway	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	695	0	mg/cm2	Negative	2/17/2020	East Hallway	Wallpaper	Drywall	D	Blue	Intact
0009-EN-010820-JO	696	-0.2	mg/cm2	Negative	2/17/2020	33	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	697	0	mg/cm2	Negative	2/17/2020	33	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	698	0	mg/cm2	Negative	2/17/2020	33	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	699	0	mg/cm2	Negative	2/17/2020	33A	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	700	0	mg/cm2	Negative	2/17/2020	33A	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	701	0	mg/cm2	Negative	2/17/2020	33A	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	702	-0.2	mg/cm2	Negative	2/17/2020	33A	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	703	0.2	mg/cm2	Negative	2/17/2020	Rm 33A Hallway	Wall	Drywall	A	Brown	Deteriorated
0009-EN-010820-JO	704	0	mg/cm2	Negative	2/17/2020	Rm 33A Hallway	Wall	Drywall	B	Brown	Intact
0009-EN-010820-JO	705	0	mg/cm2	Negative	2/17/2020	34	Wallpaper	Drywall	A	White	Intact
0009-EN-010820-JO	706	0.1	mg/cm2	Negative	2/17/2020	34	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	707	-0.1	mg/cm2	Negative	2/17/2020	34	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	708	0	mg/cm2	Negative	2/17/2020	34	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	709	-0.1	mg/cm2	Negative	2/17/2020	34	Cabinet	Wood	A	White	Intact
0009-EN-010820-JO	710	-0.2	mg/cm2	Negative	2/17/2020	34	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	711	0.1	mg/cm2	Negative	2/17/2020	34	Door Casing	Wood	D	Brown	Intact
0009-EN-010820-JO	712	0.1	mg/cm2	Negative	2/17/2020	34B	Wallpaper	Drywall	B	White	Intact
0009-EN-010820-JO	713	0	mg/cm2	Negative	2/17/2020	34B	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	714	0	mg/cm2	Negative	2/17/2020	34B	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	715	0	mg/cm2	Negative	2/17/2020	34B	Ceiling	Drywall		White	Intact
0009-EN-010820-JO	716	0.1	mg/cm2	Negative	2/17/2020	34B	Door Casing	Metal	A	Brown	Intact
0009-EN-010820-JO	717	-0.1	mg/cm2	Negative	2/17/2020	34B	Cabinet	Wood	C	Blue	Intact
0009-EN-010820-JO	718	0.1	mg/cm2	Negative	2/17/2020	34A	Cabinet	Wood	A	White	Intact
0009-EN-010820-JO	719	0.1	mg/cm2	Negative	2/17/2020	34A	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	720	0.2	mg/cm2	Negative	2/17/2020	Rm 33A Hallway	Door	Metal	D	Brown	Intact
0009-EN-010820-JO	721	0.2	mg/cm2	Negative	2/17/2020	Rm 33A Hallway	Door Casing	Metal	D	Brown	Intact
0009-EN-010820-JO	722	0.5	mg/cm2	Negative	2/17/2020	Exterior	Handrail	Metal	C	Brown	Peeling
0009-EN-010820-JO	723	0.2	mg/cm2	Negative	2/17/2020	Exterior	Window Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	724	0.1	mg/cm2	Negative	2/17/2020	Exterior	Door	Metal	C	Brown	Intact
0009-EN-010820-JO	725	0.1	mg/cm2	Negative	2/17/2020	Exterior	Roof drain	Metal	C	Brown	Intact
0009-EN-010820-JO	726	-0.1	mg/cm2	Negative	2/17/2020	Exterior	Ceiling	Wood	C	Brown	Intact
0009-EN-010820-JO	727	-0.3	mg/cm2	Negative	2/17/2020	Exterior	Window Frame	Wood	C	Brown	Intact
0009-EN-010820-JO	728	0.3	mg/cm2	Negative	2/17/2020	Exterior	Handrail	Metal	B	Brown	Deteriorated
0009-EN-010820-JO	729	0.1	mg/cm2	Negative	2/17/2020	Exterior	Door	Metal	B	Brown	Intact
0009-EN-010820-JO	730	0	mg/cm2	Negative	2/17/2020	Exterior	Window Frame	Wood	A	Brown	Intact

0009-EN-010820-JO	731	0	mg/cm2	Negative	2/17/2020	Mech Room	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	732	0.1	mg/cm2	Negative	2/17/2020	Mech Room	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	733	0.1	mg/cm2	Negative	2/17/2020	Mech Room	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	734	0	mg/cm2	Negative	2/17/2020	Mech Room	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	735	0.1	mg/cm2	Negative	2/17/2020	Mech Room	Electric Panel	Metal	D	Brown	Intact
0009-EN-010820-JO	736	0.1	mg/cm2	Negative	2/17/2020	Mech Room	Door	Metal	C	Brown	Intact
0009-EN-010820-JO	737	0.6	mg/cm2	Negative	2/17/2020	Mech Room	Door Casing	Metal	C	Brown	Intact
0009-EN-010820-JO	738	0.6	mg/cm2	Negative	2/17/2020	Exterior	Window Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	739	0.1	mg/cm2	Negative	2/17/2020	Exterior	Door	Metal	A	Brown	Intact
0009-EN-010820-JO	**740**	**0.9**	**mg/cm2**	**Negative**	**2/17/2020**	**Calibrate**					
0009-EN-010820-JO	**741**	**1**	**mg/cm2**	**Positive**	**2/17/2020**	**Calibrate**					
0009-EN-010820-JO	**742**	**0.9**	**mg/cm2**	**Negative**	**2/17/2020**	**Calibrate**					

FORMER THOMAS HOSPITAL
610 EAST BROADWAY AVENUE
THOMAS, OKLAHOMA OK 73669

MARSHALL ENVIRONMENTAL MANAGEMENT INC.
1301 NORTH MARTIN LUTHER KING AVENUE
OKLAHOMA CITY, OK 73117

EQUIPMENT INFORMATION
MANUFACTURE: HEURESIS CORP.
TYPE: XRF LEAD PAINT ANALYZER
SERIAL NO. 1966
APP VERSION: Pb2000i-4.1-11

NURSING HOME WING (BUILDING 1-3)

Job Id	Reading #	Concentration	Units	Result	Date	Room	Structure	Substrate	Wall	Color	Condition
0009-EN-010820-JO	89	1	mg/cm2	Positive	2/10/2020						
0009-EN-010820-JO	90	1.1	mg/cm2	Positive	2/10/2020						
0009-EN-010820-JO	91	1.1	mg/cm2	Positive	2/10/2020						
0009-EN-010820-JO	92	-0.2	mg/cm2	Negative	2/10/2020	Room 1	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	93	-0.1	mg/cm2	Negative	2/10/2020	Room 1	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	94	0	mg/cm2	Negative	2/10/2020	Room 1	Glass Frame	Metal	A	White	Intact
0009-EN-010820-JO	95	-0.1	mg/cm2	Negative	2/10/2020	Room 1	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	96	0.1	mg/cm2	Negative	2/10/2020	Room 1	Door Frame	Wood	B	Beige	Intact
0009-EN-010820-JO	97	0.1	mg/cm2	Negative	2/10/2020	Room 1	Door Jamb	Wood	B	Beige	Intact
0009-EN-010820-JO	98	0	mg/cm2	Negative	2/10/2020	Room 1	Vinyl Baseboard	Vinyl	B	Black	Intact
0009-EN-010820-JO	99	-0.1	mg/cm2	Negative	2/10/2020	Room 2	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	100	0.1	mg/cm2	Negative	2/10/2020	Room 2	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	101	0	mg/cm2	Negative	2/10/2020	Room 2	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	102	0	mg/cm2	Negative	2/10/2020	Room 2	Baseboard	Vinyl	C	Black	Intact
0009-EN-010820-JO	103	-0.1	mg/cm2	Negative	2/10/2020	Room 3	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	104	-0.1	mg/cm2	Negative	2/10/2020	Room 3	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	105	0	mg/cm2	Negative	2/10/2020	Room 3	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	106	0	mg/cm2	Negative	2/10/2020	Room 3	Cabinet	Wood	A	White	Intact
0009-EN-010820-JO	107	-0.1	mg/cm2	Negative	2/10/2020	Room 4	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	108	-0.2	mg/cm2	Negative	2/10/2020	Room 4	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	109	0.1	mg/cm2	Negative	2/10/2020	Room 4	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	110	0.1	mg/cm2	Negative	2/10/2020	Room 4	Baseboard	Vinyl	A	Black	Intact
0009-EN-010820-JO	111	-0.1	mg/cm2	Negative	2/10/2020	Room 5	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	112	-0.1	mg/cm2	Negative	2/10/2020	Room 5	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	113	0	mg/cm2	Negative	2/10/2020	Room 5	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	114	0	mg/cm2	Negative	2/10/2020	Room 5	Cabinet	Wood	B	cream	Intact
0009-EN-010820-JO	115	0.1	mg/cm2	Negative	2/10/2020	Room 5	Door Frame	Metal	D	White	Intact

0009-EN-010820-JO	116	0	mg/cm2	Negative	2/10/2020	Room 5	Door Jamb	Metal	D	White	Intact
0009-EN-010820-JO	117	-0.2	mg/cm2	Negative	2/10/2020	Room 5	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	118	0.1	mg/cm2	Negative	2/10/2020	Room 1	Door	Metal	C	Black	Intact
0009-EN-010820-JO	119	0	mg/cm2	Negative	2/10/2020	Room 6	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	120	-0.1	mg/cm2	Negative	2/10/2020	Room 6	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	121	0.1	mg/cm2	Negative	2/10/2020	Room 6	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	122	0.4	mg/cm2	Negative	2/10/2020	Room 6	Pipe	Metal	C	White	Intact
0009-EN-010820-JO	123	0	mg/cm2	Negative	2/10/2020	Room 6	Cabinet	Wood	B	Blue	Intact
0009-EN-010820-JO	124	0.3	mg/cm2	Negative	2/10/2020	Room 6	Cabinet	Metal	A	Beige	Intact
0009-EN-010820-JO	125	0.1	mg/cm2	Negative	2/10/2020	Room 6	Electric Panel	Metal	C	Gray	Intact
0009-EN-010820-JO	126	0.2	mg/cm2	Negative	2/10/2020	Room 6	Door Jam	Metal	D	Black	Intact
0009-EN-010820-JO	127	0.1	mg/cm2	Negative	2/10/2020	Room 6	Door Frame	Metal	D	Black	Intact
0009-EN-010820-JO	128	0	mg/cm2	Negative	2/10/2020	Room 6	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	129	0	mg/cm2	Negative	2/10/2020	Room 7	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	130	0.2	mg/cm2	Negative	2/10/2020	Room 7	Door Frame	Metal	D	black	Intact
0009-EN-010820-JO	131	0.1	mg/cm2	Negative	2/10/2020	Room 7	Door Jam	Metal	D	Black	Intact
0009-EN-010820-JO	132	-0.1	mg/cm2	Negative	2/10/2020	Room 7	Cabinet	Wood	C	Beige	Intact
0009-EN-010820-JO	133	0.1	mg/cm2	Negative	2/10/2020	Room 7	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	134	-0.1	mg/cm2	Negative	2/10/2020	Room 7	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	135	0.1	mg/cm2	Negative	2/10/2020	Room 7	Baseboard	Vinyl	A	Black	Intact
0009-EN-010820-JO	136	0.2	mg/cm2	Negative	2/10/2020	Room 7	Vent	Metal	A	Gray	Intact
0009-EN-010820-JO	137	0	mg/cm2	Negative	2/10/2020	Room 7	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	138	0	mg/cm2	Negative	2/10/2020	Room 7	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	139	0.2	mg/cm2	Negative	2/10/2020	Room 8	Door Frame	Metal	D	black	Intact
0009-EN-010820-JO	140	0	mg/cm2	Negative	2/10/2020	Room 8	Door Jam	Metal	D	Black	Intact
0009-EN-010820-JO	141	-0.1	mg/cm2	Negative	2/10/2020	Room 8	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	142	0	mg/cm2	Negative	2/10/2020	Room 8	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	143	-0.1	mg/cm2	Negative	2/10/2020	Room 8	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	144	0	mg/cm2	Negative	2/10/2020	Room 8	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	145	-0.1	mg/cm2	Negative	2/10/2020	Room 8	Protective Wall Cover	Vinyl	A	Brown	Intact
0009-EN-010820-JO	146	0.2	mg/cm2	Negative	2/10/2020	Room 8	Cabinet	Wood	C	Blue	Intact
0009-EN-010820-JO	147	-0.1	mg/cm2	Negative	2/10/2020	Room 8	Corkboard	Cork	B	Brown	Intact
0009-EN-010820-JO	148	-0.1	mg/cm2	Negative	2/10/2020	Room 8	Corkboard Frame	Wood	B	Brown	Intact
0009-EN-010820-JO	149	0	mg/cm2	Negative	2/10/2020	Room 9	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	150	0	mg/cm2	Negative	2/10/2020	Room 9	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	151	-0.2	mg/cm2	Negative	2/10/2020	Room 9	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	152	0.7	mg/cm2	Negative	2/10/2020	Room 9	Handrail	Vinyl	D	Brown	Intact
0009-EN-010820-JO	153	0.1	mg/cm2	Negative	2/10/2020	Room 9	Baseboard	Vinyl	D	Black	Intact
0009-EN-010820-JO	154	0.1	mg/cm2	Negative	2/10/2020	Room 9	Countertop	Wood	A	Green	Intact

0009-EN-010820-JO	155	0.1	mg/cm2	Negative	2/10/2020	Room 9	Cabinet	Metal	A	White	Intact
0009-EN-010820-JO	156	0.2	mg/cm2	Negative	2/10/2020	Room 10	Door Frame	Metal	A	Black	Intact
0009-EN-010820-JO	157	0.1	mg/cm2	Negative	2/10/2020	Room 10	Door Jam	Metal	A	Black	Intact
0009-EN-010820-JO	158	-0.1	mg/cm2	Negative	2/10/2020	Room 10	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	159	0	mg/cm2	Negative	2/10/2020	Room 10	Cabinet	Wood	B	White	Intact
0009-EN-010820-JO	160	-0.1	mg/cm2	Negative	2/10/2020	Room 10	Ceiling	Plaster	D	White	Intact
0009-EN-010820-JO	161	0.1	mg/cm2	Negative	2/10/2020	Room 10	Cabinet	Wood	D	Yellow	Intact
0009-EN-010820-JO	162	-0.1	mg/cm2	Negative	2/10/2020	Room 11	Wall	Wood	A	White	Intact
0009-EN-010820-JO	163	0	mg/cm2	Negative	2/10/2020	Room 11	Wall	Wood	B	White	Intact
0009-EN-010820-JO	164	0	mg/cm2	Negative	2/10/2020	Room 11	Wall	Wood	D	White	Intact
0009-EN-010820-JO	165	0.2	mg/cm2	Negative	2/10/2020	Room 11	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	166	0	mg/cm2	Negative	2/10/2020	Room 11	Door Jam	Metal	A	Brown	Intact
0009-EN-010820-JO	167	0	mg/cm2	Negative	2/10/2020	Room 12	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	168	0	mg/cm2	Negative	2/10/2020	Room 12	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	169	0	mg/cm2	Negative	2/10/2020	Room 12	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	170	0.9	mg/cm2	Negative	2/10/2020	Room 12	Trim	Vinyl	B	Brown	Intact
0009-EN-010820-JO	171	0.2	mg/cm2	Negative	2/10/2020	Room 13	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	172	0	mg/cm2	Negative	2/10/2020	Room 13	Wall	Drywall	B	Beige	Intact
0009-EN-010820-JO	173	0	mg/cm2	Negative	2/10/2020	Room 13	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	174	-0.1	mg/cm2	Negative	2/10/2020	Room 13	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	175	0.2	mg/cm2	Negative	2/10/2020	Room 13	Door Jam	Metal	A	Brown	Intact
0009-EN-010820-JO	176	0.2	mg/cm2	Negative	2/10/2020	Room 13	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	177	0.2	mg/cm2	Negative	2/10/2020	Room 13	Baseboard	Vinyl	B	Brown	Intact
0009-EN-010820-JO	178	-0.1	mg/cm2	Negative	2/10/2020	Room 14	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	179	-0.1	mg/cm2	Negative	2/10/2020	Room 14	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	180	0.1	mg/cm2	Negative	2/10/2020	Room 14	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	181	-0.1	mg/cm2	Negative	2/10/2020	Room 14	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	182	0.1	mg/cm2	Negative	2/10/2020	Room 14	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	183	0.2	mg/cm2	Negative	2/10/2020	Room 14	Door Jam	Metal	A	Brown	Intact
0009-EN-010820-JO	184	0.1	mg/cm2	Negative	2/10/2020	Room 14	Baseboard	Vinyl	D	Black	Intact
0009-EN-010820-JO	185	0.2	mg/cm2	Negative	2/10/2020	Room 15	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	186	0	mg/cm2	Negative	2/10/2020	Room 15	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	187	0	mg/cm2	Negative	2/10/2020	Room 15	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	188	0	mg/cm2	Negative	2/10/2020	Room 15	Shelf	Wood	C	Brown	Intact
0009-EN-010820-JO	189	-0.1	mg/cm2	Negative	2/10/2020	Room 15	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	190	0.1	mg/cm2	Negative	2/10/2020	Room 15	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	191	0	mg/cm2	Negative	2/10/2020	16	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	192	0	mg/cm2	Negative	2/10/2020	16	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	193	0	mg/cm2	Negative	2/10/2020	16	Wall	Drywall	A	White	Intact

0009-EN-010820-JO	194	-0.1	mg/cm2	Negative	2/10/2020	16	Cabinet	Metal	B	Tan	Intact
0009-EN-010820-JO	195	0.2	mg/cm2	Negative	2/10/2020	16	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	196	0.2	mg/cm2	Negative	2/10/2020	16	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	197	-0.1	mg/cm2	Negative	2/10/2020	17	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	198	0.1	mg/cm2	Negative	2/10/2020	17	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	199	0	mg/cm2	Negative	2/10/2020	18	Wall	Drywall	D	Brown	Intact
0009-EN-010820-JO	200	0	mg/cm2	Negative	2/10/2020	18	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	201	0	mg/cm2	Negative	2/10/2020	18	Wall	Drywall	A	Brown	Intact
0009-EN-010820-JO	202	0	mg/cm2	Negative	2/10/2020	18	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	203	0	mg/cm2	Negative	2/10/2020	18	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	204	0.1	mg/cm2	Negative	2/10/2020	18	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	205	0	mg/cm2	Negative	2/10/2020	19	Wall	Drywall	D	Brown	Intact
0009-EN-010820-JO	206	-0.1	mg/cm2	Negative	2/10/2020	19	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	207	0	mg/cm2	Negative	2/10/2020	19	wall	Drywall	B	Brown	Intact
0009-EN-010820-JO	208	0	mg/cm2	Negative	2/10/2020	19	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	209	0.1	mg/cm2	Negative	2/10/2020	19	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	210	0	mg/cm2	Negative	2/10/2020	20	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	211	0	mg/cm2	Negative	2/10/2020	20	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	212	0.1	mg/cm2	Negative	2/10/2020	21	Wall	Drywall	C	Brown	Intact
0009-EN-010820-JO	213	-0.1	mg/cm2	Negative	2/10/2020	21	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	214	-0.1	mg/cm2	Negative	2/10/2020	21	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	215	0.1	mg/cm2	Negative	2/10/2020	22	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	216	0	mg/cm2	Negative	2/10/2020	22	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	217	0	mg/cm2	Negative	2/10/2020	22	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	218	0	mg/cm2	Negative	2/10/2020	22	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	219	-0.1	mg/cm2	Negative	2/10/2020	22	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	220	0.1	mg/cm2	Negative	2/10/2020	117	wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	221	-0.1	mg/cm2	Negative	2/10/2020	117	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	222	0	mg/cm2	Negative	2/10/2020	117	Wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	223	0	mg/cm2	Negative	2/10/2020	117	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	224	-0.2	mg/cm2	Negative	2/10/2020	117	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	225	0.1	mg/cm2	Negative	2/10/2020	117	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	226	0	mg/cm2	Negative	2/10/2020	118	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	227	0	mg/cm2	Negative	2/10/2020	118	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	228	-0.1	mg/cm2	Negative	2/10/2020	118	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	229	0	mg/cm2	Negative	2/10/2020	118	Closet Door	Metal	D	Tan	Intact
0009-EN-010820-JO	230	0	mg/cm2	Negative	2/10/2020	118	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	231	-0.1	mg/cm2	Negative	2/10/2020	118	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	232	0.1	mg/cm2	Negative	2/10/2020	119	Wall	Drywall	D	White	Intact

0009-EN-010820-JO	233	-0.1	mg/cm2	Negative	2/10/2020	119	wall	Drywall	A	White	Intact
0009-EN-010820-JO	234	0	mg/cm2	Negative	2/10/2020	119	AC Panel	Metal	A	White	Intact
0009-EN-010820-JO	235	0.1	mg/cm2	Negative	2/10/2020	119	Baseboard	Vinyl	D	Brown	Intact
0009-EN-010820-JO	236	0.2	mg/cm2	Negative	2/10/2020	119	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	237	0	mg/cm2	Negative	2/10/2020	119	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	238	-0.1	mg/cm2	Negative	2/10/2020	33	Handrail	Vinyl	A	Brown	Intact
0009-EN-010820-JO	239	0.7	mg/cm2	Negative	2/10/2020	33	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	240	0	mg/cm2	Negative	2/10/2020	120	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	241	-0.2	mg/cm2	Negative	2/10/2020	120	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	242	-0.1	mg/cm2	Negative	2/10/2020	120	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	243	0	mg/cm2	Negative	2/10/2020	120	AC Panel	Metal	C	White	Intact
0009-EN-010820-JO	244	0	mg/cm2	Negative	2/10/2020	120	Baseboard	Vinyl	D	Brown	Intact
0009-EN-010820-JO	245	0.1	mg/cm2	Negative	2/10/2020	120	Closet Door	Metal	B	White	Intact
0009-EN-010820-JO	246	0.1	mg/cm2	Negative	2/10/2020	120	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	247	0.1	mg/cm2	Negative	2/10/2020	120	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	248	0	mg/cm2	Negative	2/10/2020	121	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	249	-0.2	mg/cm2	Negative	2/10/2020	121	wall	Drywall	A	White	Intact
0009-EN-010820-JO	250	0	mg/cm2	Negative	2/10/2020	121	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	251	0	mg/cm2	Negative	2/10/2020	121	Closet Door	Wood	D	White	Intact
0009-EN-010820-JO	252	-0.1	mg/cm2	Negative	2/10/2020	121	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	253	0.1	mg/cm2	Negative	2/10/2020	121	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	254	0	mg/cm2	Negative	2/10/2020	122	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	255	0	mg/cm2	Negative	2/10/2020	122	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	256	0	mg/cm2	Negative	2/10/2020	122	Wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	257	0	mg/cm2	Negative	2/10/2020	122	Closet Door	Wood	D	Tan	Intact
0009-EN-010820-JO	258	0	mg/cm2	Negative	2/10/2020	122	Door Frame	Metal	A	Tan	Intact
0009-EN-010820-JO	259	0.2	mg/cm2	Negative	2/10/2020	122	Door	Wood	A	Tan	Intact
0009-EN-010820-JO	260	-0.1	mg/cm2	Negative	2/10/2020	124	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	261	-0.1	mg/cm2	Negative	2/10/2020	124	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	262	-0.2	mg/cm2	Negative	2/10/2020	124	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	263	0	mg/cm2	Negative	2/10/2020	124	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	264	-0.1	mg/cm2	Negative	2/10/2020	124	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	265	0.2	mg/cm2	Negative	2/10/2020	124	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	266	0.2	mg/cm2	Negative	2/10/2020	124	Wall	Drywall	D	Pink	Intact
0009-EN-010820-JO	267	0.1	mg/cm2	Negative	2/10/2020	123	wall	Drywall	C	Pink	Intact
0009-EN-010820-JO	268	0	mg/cm2	Negative	2/10/2020	123	wall	Drywall	B	Pink	Intact
0009-EN-010820-JO	269	-0.1	mg/cm2	Negative	2/10/2020	123	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	270	0.1	mg/cm2	Negative	2/10/2020	123	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	271	-0.2	mg/cm2	Negative	2/10/2020	123	Wall	Drywall	B	Tan	Intact

0009-EN-010820-JO	272	0.1	mg/cm2	Negative	2/10/2020	126	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	273	-0.1	mg/cm2	Negative	2/10/2020	126	wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	274	0	mg/cm2	Negative	2/10/2020	126	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	275	0.1	mg/cm2	Negative	2/10/2020	126	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	276	-0.1	mg/cm2	Negative	2/10/2020	126	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	277	0	mg/cm2	Negative	2/10/2020	125	Wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	278	0	mg/cm2	Negative	2/10/2020	125	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	279	0.2	mg/cm2	Negative	2/10/2020	125	AC Panel	Metal	A	White	Intact
0009-EN-010820-JO	280	0.1	mg/cm2	Negative	2/10/2020	125	Baseboard	Vinyl	B	Brown	Intact
0009-EN-010820-JO	281	0.1	mg/cm2	Negative	2/10/2020	125	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	282	-0.2	mg/cm2	Negative	2/10/2020	125	wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	283	0	mg/cm2	Negative	2/10/2020	127	wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	284	0	mg/cm2	Negative	2/10/2020	127	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	285	0	mg/cm2	Negative	2/10/2020	127	Closet Door	Wood	B	White	Intact
0009-EN-010820-JO	286	0	mg/cm2	Negative	2/10/2020	127	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	287	0	mg/cm2	Negative	2/10/2020	127	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	288	0.1	mg/cm2	Negative	2/10/2020	127	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	289	0	mg/cm2	Negative	2/10/2020	127	wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	290	-0.1	mg/cm2	Negative	2/10/2020	128	wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	291	-0.1	mg/cm2	Negative	2/10/2020	128	AC Panel	Metal	C	White	Intact
0009-EN-010820-JO	292	0.1	mg/cm2	Negative	2/10/2020	128	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	293	0.1	mg/cm2	Negative	2/10/2020	128	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	294	-0.1	mg/cm2	Negative	2/10/2020	128	Wall	Drywall	D	Blue	Intact
0009-EN-010820-JO	295	0.1	mg/cm2	Negative	2/10/2020	128	Wall	Drywall	B	Blue	Intact
0009-EN-010820-JO	296	0.1	mg/cm2	Negative	2/10/2020	129	Wall	Drywall	A	Blue	Intact
0009-EN-010820-JO	297	0.1	mg/cm2	Negative	2/10/2020	129	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	298	-0.1	mg/cm2	Negative	2/10/2020	129	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	299	0.1	mg/cm2	Negative	2/10/2020	129	Baseboard	Vinyl	B	Brown	Intact
0009-EN-010820-JO	300	-0.1	mg/cm2	Negative	2/10/2020	129	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	301	0.1	mg/cm2	Negative	2/10/2020	129	Wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	302	-0.1	mg/cm2	Negative	2/10/2020	130	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	303	0.1	mg/cm2	Negative	2/10/2020	130	AC Panel	Metal	C	Tan	Intact
0009-EN-010820-JO	304	-0.1	mg/cm2	Negative	2/10/2020	130	Baseboard	Vinyl	B	Brown	Intact
0009-EN-010820-JO	305	0	mg/cm2	Negative	2/10/2020	130	Door	Wood	A	Brown	Intact
0009-EN-010820-JO	306	0.1	mg/cm2	Negative	2/10/2020	130	Door Frame	Metal	A	Brown	Intact
0009-EN-010820-JO	307	-0.2	mg/cm2	Negative	2/10/2020	130	Handrail	Vinyl	B	Maroon	Intact
0009-EN-010820-JO	308	0.1	mg/cm2	Negative	2/10/2020	130	Cabinet	Wood	D	White	Intact
0009-EN-010820-JO	309	0.1	mg/cm2	Negative	2/10/2020	33	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	310	0	mg/cm2	Negative	2/10/2020	28	Wall	Drywall	C	White	Intact

0009-EN-010820-JO	311	24.1	mg/cm2	Positive	2/10/2020	28	Bathtub	Metal	C	White	Intact
0009-EN-010820-JO	312	0	mg/cm2	Negative	2/10/2020	28	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	313	0	mg/cm2	Negative	2/10/2020	28	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	314	-0.3	mg/cm2	Negative	2/10/2020	30	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	315	-0.2	mg/cm2	Negative	2/10/2020	30	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	316	-0.1	mg/cm2	Negative	2/10/2020	30	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	317	0.1	mg/cm2	Negative	2/10/2020	30	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	318	-0.1	mg/cm2	Negative	2/10/2020	31	wall	Drywall	B	White	Intact
0009-EN-010820-JO	319	-0.1	mg/cm2	Negative	2/10/2020	32	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	320	0	mg/cm2	Negative	2/10/2020	115	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	321	0	mg/cm2	Negative	2/10/2020	115	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	322	-0.1	mg/cm2	Negative	2/10/2020	115	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	323	0.1	mg/cm2	Negative	2/10/2020	115	AC Panel	Metal	B	White	Intact
0009-EN-010820-JO	324	0.2	mg/cm2	Negative	2/10/2020	115	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	325	0.3	mg/cm2	Negative	2/10/2020	115	Vanity Counter	Wood	A	Yellow	Intact
0009-EN-010820-JO	326	-0.1	mg/cm2	Negative	2/10/2020	115	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	327	0.1	mg/cm2	Negative	2/10/2020	115	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	328	0	mg/cm2	Negative	2/10/2020	116	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	329	0	mg/cm2	Negative	2/10/2020	116	wall	Drywall	B	White	Intact
0009-EN-010820-JO	330	0	mg/cm2	Negative	2/10/2020	116	wall	Drywall	D	White	Intact
0009-EN-010820-JO	331	0	mg/cm2	Negative	2/10/2020	116	Baseboard	Vinyl	C	Brown	Intact
0009-EN-010820-JO	332	0.2	mg/cm2	Negative	2/10/2020	116	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	333	-0.2	mg/cm2	Negative	2/10/2020	116	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	334	-0.1	mg/cm2	Negative	2/10/2020	113	Wall	Drywall	B	Brown	Intact
0009-EN-010820-JO	335	-0.2	mg/cm2	Negative	2/10/2020	113	Wall	Drywall	D	Brown	Intact
0009-EN-010820-JO	336	0	mg/cm2	Negative	2/10/2020	113	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	337	-0.2	mg/cm2	Negative	2/10/2020	113	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	338	0.1	mg/cm2	Negative	2/10/2020	113	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	339	0.1	mg/cm2	Negative	2/10/2020	113	Vanity Counter	Wood	C	Tan	Intact
0009-EN-010820-JO	340	-0.2	mg/cm2	Negative	2/10/2020	114	wall	Drywall	C	White	Intact
0009-EN-010820-JO	341	-0.1	mg/cm2	Negative	2/10/2020	114	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	342	0.1	mg/cm2	Negative	2/10/2020	114	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	343	0	mg/cm2	Negative	2/10/2020	114	AC Panel	Metal	D	White	Intact
0009-EN-010820-JO	344	0	mg/cm2	Negative	2/10/2020	114	Wall	Drywall	C	Blue	Intact
0009-EN-010820-JO	345	0.1	mg/cm2	Negative	2/10/2020	114	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	346	-0.1	mg/cm2	Negative	2/10/2020	114	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	347	0	mg/cm2	Negative	2/10/2020	111	Wall	Drywall	A	Blue	Intact
0009-EN-010820-JO	348	0	mg/cm2	Negative	2/10/2020	111	Wall	Drywall	B	Blue	Intact
0009-EN-010820-JO	349	0	mg/cm2	Negative	2/10/2020	111	Wall	Drywall	C	Blue	Intact

0009-EN-010820-JO	350	0	mg/cm2	Negative	2/10/2020	111	Wall	Drywall	D	Blue	Intact
0009-EN-010820-JO	351	0	mg/cm2	Negative	2/10/2020	111	Closet Door	Metal	A	White	Intact
0009-EN-010820-JO	352	0	mg/cm2	Negative	2/10/2020	111	Vanity Counter	Wood	A	Blue	Intact
0009-EN-010820-JO	353	0.2	mg/cm2	Negative	2/10/2020	111	Baseboard	Vinyl	C	Brown	Intact
0009-EN-010820-JO	354	0.1	mg/cm2	Negative	2/10/2020	111	Door Frame	Metal	C	Brown	Intact
0009-EN-010820-JO	355	-0.1	mg/cm2	Negative	2/10/2020	111	Door	Wood	C	Brown	Intact
0009-EN-010820-JO	356	-0.3	mg/cm2	Negative	2/10/2020	112	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	357	0	mg/cm2	Negative	2/10/2020	112	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	358	-0.1	mg/cm2	Negative	2/10/2020	112	Wall	Drywall	A	Pink	Intact
0009-EN-010820-JO	359	-0.1	mg/cm2	Negative	2/10/2020	112	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	360	0.1	mg/cm2	Negative	2/10/2020	112	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	361	-0.2	mg/cm2	Negative	2/10/2020	109	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	362	0	mg/cm2	Negative	2/10/2020	109	Wall	Drywall	B	White	Intact
0009-EN-010820-JO	363	-0.2	mg/cm2	Negative	2/10/2020	109	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	364	-0.1	mg/cm2	Negative	2/10/2020	109	AC Panel	Metal	B	White	Intact
0009-EN-010820-JO	365	-0.1	mg/cm2	Negative	2/10/2020	109	Shelf	Wood	C	White	Intact
0009-EN-010820-JO	366	0.1	mg/cm2	Negative	2/10/2020	109	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	367	0	mg/cm2	Negative	2/10/2020	109	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	368	0.1	mg/cm2	Negative	2/10/2020	109	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	369	0	mg/cm2	Negative	2/10/2020	110	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	370	0	mg/cm2	Negative	2/10/2020	110	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	371	0	mg/cm2	Negative	2/10/2020	110	Wall	Drywall	C	Yellow	Intact
0009-EN-010820-JO	372	0	mg/cm2	Negative	2/10/2020	110	Wall	Wood	C	Yellow	Intact
0009-EN-010820-JO	373	-0.1	mg/cm2	Negative	2/10/2020	110	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	374	0.1	mg/cm2	Negative	2/10/2020	110	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	375	0	mg/cm2	Negative	2/10/2020	107	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	376	-0.1	mg/cm2	Negative	2/10/2020	107	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	377	0	mg/cm2	Negative	2/10/2020	107	Wall	Drywall	A	Yellow	Intact
0009-EN-010820-JO	378	0	mg/cm2	Negative	2/10/2020	107	AC Panel	Metal	B	White	Intact
0009-EN-010820-JO	379	0.2	mg/cm2	Negative	2/10/2020	107	Baseboard	Vinyl	C	Brown	Intact
0009-EN-010820-JO	380	0.1	mg/cm2	Negative	2/10/2020	107	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	381	-0.1	mg/cm2	Negative	2/10/2020	107	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	382	0	mg/cm2	Negative	2/10/2020	108	Wall	Drywall	D	Blue	Intact
0009-EN-010820-JO	383	-0.2	mg/cm2	Negative	2/10/2020	108	wall	Drywall	B	Blue	Intact
0009-EN-010820-JO	384	0	mg/cm2	Negative	2/10/2020	108	Wall	Drywall	A	Blue	Intact
0009-EN-010820-JO	385	0.1	mg/cm2	Negative	2/10/2020	108	Closet Door	Metal	A	White	Intact
0009-EN-010820-JO	386	0.2	mg/cm2	Negative	2/10/2020	108	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	387	0	mg/cm2	Negative	2/10/2020	108	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	388	0.1	mg/cm2	Negative	2/10/2020	106	wall	Drywall	A	Tan	Intact

0009-EN-010820-JO	389	0	mg/cm2	Negative	2/10/2020	106	wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	390	-0.1	mg/cm2	Negative	2/10/2020	106	wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	391	0	mg/cm2	Negative	2/10/2020	106	AC Panel	Metal	D	White	Intact
0009-EN-010820-JO	392	0.2	mg/cm2	Negative	2/10/2020	106	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	393	-0.1	mg/cm2	Negative	2/10/2020	106	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	394	0.1	mg/cm2	Negative	2/10/2020	106	Vanity Counter	Wood	C	Blue	Intact
0009-EN-010820-JO	395	0.1	mg/cm2	Negative	2/10/2020	105	Wall	Drywall	D	Tan	Intact
0009-EN-010820-JO	396	0	mg/cm2	Negative	2/10/2020	105	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	397	0.1	mg/cm2	Negative	2/10/2020	105	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	398	0.1	mg/cm2	Negative	2/10/2020	105	AC Panel	Metal	B	White	Intact
0009-EN-010820-JO	399	0.1	mg/cm2	Negative	2/10/2020	105	Closet Door	Metal	C	Tan	Intact
0009-EN-010820-JO	400	0	mg/cm2	Negative	2/10/2020	105	Closet Shelf	Metal	C	Tan	Intact
0009-EN-010820-JO	401	-0.1	mg/cm2	Negative	2/10/2020	105	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	402	0.1	mg/cm2	Negative	2/10/2020	105	Wall	Drywall	A	White	Intact
0009-EN-010820-JO	403	0	mg/cm2	Negative	2/10/2020	103	Wall	Drywall	D	White	Intact
0009-EN-010820-JO	404	-0.1	mg/cm2	Negative	2/10/2020	103	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	405	-0.1	mg/cm2	Negative	2/10/2020	103	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	406	-0.2	mg/cm2	Negative	2/10/2020	103	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	407	0.2	mg/cm2	Negative	2/10/2020	103	Wall	Drywall	C	Beige	Intact
0009-EN-010820-JO	408	0	mg/cm2	Negative	2/10/2020	104	Wall	Drywall	D	Beige	Intact
0009-EN-010820-JO	409	0	mg/cm2	Negative	2/10/2020	104	Wall	Drywall	A	Beige	Intact
0009-EN-010820-JO	410	0	mg/cm2	Negative	2/10/2020	104	Shelf	Wood	A	White	Intact
0009-EN-010820-JO	411	-0.2	mg/cm2	Negative	2/10/2020	104	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	412	0.1	mg/cm2	Negative	2/10/2020	104	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	413	-0.1	mg/cm2	Negative	2/10/2020	104	Wall	Drywall	A	Tan	Intact
0009-EN-010820-JO	414	-0.1	mg/cm2	Negative	2/10/2020	102	Wall	Drywall	B	Tan	Intact
0009-EN-010820-JO	415	0	mg/cm2	Negative	2/10/2020	102	Wall	Drywall	C	Tan	Intact
0009-EN-010820-JO	416	0	mg/cm2	Negative	2/10/2020	102	AC Panel	Metal	D	White	Intact
0009-EN-010820-JO	417	0	mg/cm2	Negative	2/10/2020	102	Baseboard	Vinyl	A	Brown	Intact
0009-EN-010820-JO	418	0.2	mg/cm2	Negative	2/10/2020	102	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	419	0.1	mg/cm2	Negative	2/10/2020	102	Door	Wood	B	Brown	Intact
0009-EN-010820-JO	420	0	mg/cm2	Negative	2/10/2020	102	wall	Drywall	A	White	Intact
0009-EN-010820-JO	421	0	mg/cm2	Negative	2/10/2020	101	Wall	Drywall	C	White	Intact
0009-EN-010820-JO	422	0	mg/cm2	Negative	2/10/2020	101	Wall	Drywall	C	Green	Intact
0009-EN-010820-JO	423	0.1	mg/cm2	Negative	2/10/2020	101	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	424	0.2	mg/cm2	Negative	2/10/2020	101	Vanity Counter	Wood	C	Green	Intact
0009-EN-010820-JO	425	0.7	mg/cm2	Negative	2/10/2020	101	Door	Wood	D	Brown	Intact
0009-EN-010820-JO	426	-0.1	mg/cm2	Negative	2/10/2020	101	Door Frame	Metal	D	Brown	Intact
0009-EN-010820-JO	427	0.2	mg/cm2	Negative	2/10/2020	101	Door	Metal	D	Brown	Intact

0009-EN-010820-JO	428	0.2	mg/cm2	Negative	2/10/2020	33	Wall	Drywall	B	Light Blue	Intact
0009-EN-010820-JO	429	-0.1	mg/cm2	Negative	2/10/2020	34	Wall	Drywall	D	Light Blue	Intact
0009-EN-010820-JO	430	0	mg/cm2	Negative	2/10/2020	34	Baseboard	Plaster	B	Blue	Intact
0009-EN-010820-JO	431	0.3	mg/cm2	Negative	2/10/2020	34	Floor	Concrete		Blue	Intact
0009-EN-010820-JO	432	0.3	mg/cm2	Negative	2/10/2020	34	Door	Metal	B	Brown	Intact
0009-EN-010820-JO	433	0.2	mg/cm2	Negative	2/10/2020	34	Door Frame	Metal	B	Brown	Intact
0009-EN-010820-JO	434	0.1	mg/cm2	Negative	2/10/2020	34	wall	Drywall	A	Brown	Intact
0009-EN-010820-JO	**435**	**1.1**	**mg/cm2**	**Positive**	**2/10/2020**	**Calibrate**					
0009-EN-010820-JO	**436**	**1**	**mg/cm2**	**Positive**	**2/10/2020**	**Calibrate**					
0009-EN-010820-JO	**437**	**1**	**mg/cm2**	**Positive**	**2/10/2020**	**Calibrate**					

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 319977
Date Received: 02/17/20
Received By: Christiana Younge
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/21/20

AIHA-LAP, LLC: 101352

Client: Marshall Environmental Management, Inc.
1301 N. MLK Ave
Oklahoma City, OK 73117

Acct. No.: A331

Project: LBP/RA
Location: Nursing Home Wing
Project No.: 0009-EN-010820-JO

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	W-1	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
002	W-2	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
003	W-3	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
004	W-4	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
005	W-5	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
006	W-6	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
007	W-7	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
008	W-8	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
009	W-9	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
010	W-10	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
011	W-11	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
012	W-12	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
013	W-13	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
014	W-14	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
015	W-15	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
016	W-16	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
017	W-17	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 319977
Date Received: 02/17/20
Received By: Christiana Younge
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/21/20

AIHA-LAP, LLC: 101352

Client: Marshall Environmental Management, Inc.
1301 N. MLK Ave
Oklahoma City, OK 73117

Acct. No.: A331

Project: LBP/RA
Location: Nursing Home Wing
Project No.: 0009-EN-010820-JO

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
018	W-18	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
019	W-19	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
020	W-20	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
021	W-21	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
022	W-22	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
023	W-23	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
024	W-24	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
025	W-25	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082
026	W-26	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/20/20 14:00	NIOSH 7082

Authorized Signature: _____
Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations. Customer provided data such as volumes, areas, etc., cannot be verified by QuanTEM Laboratories, LLC.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

Supplemental Report
QAQC Results

QA ID: 18306
Test: Lead
Date: 2/19/2020
Matrix: Wipe
Lab Number: 319977
Approved By: Cherry Rossen
Date Approved: 2/20/2020

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank 1	0
Matrix Blank 2	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.3	5.5
FCV	4.5	5.2	5.5
ICV	0.9	0.9	1.1
RLVS	0.05	0.08	0.15

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W1	0.000	2.431	2.316	95.3	2.239	92.1	3.4
MS-W2	0.000	2.431	2.460	101.2	2.530	104.1	2.8

Authorized Signature: _____

Cherry Rossen, Technical Manager

Supplemental Report
QAQC Results

QA ID: 18309
Test: Lead

Date: 2/20/2020
Matrix: Wipe

Lab Number: 319977
Approved By: Cherry Rossen
Date Approved: 2/20/2020

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank 2	0
Matrix Blank 3	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.3	5.5
FCV	4.5	5.3	5.5
ICV	0.9	1	1.1

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W2	0.000	2.431	2.428	99.9	2.381	97.9	2.0
MS-W3	0.000	2.431	2.664	109.6	2.419	99.5	9.6

Authorized Signature: _____

Cherry Rossen, Technical Manager

LEAD CHAIN OF CUSTODY

Nursing Home wing.

Page 1 of 2

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For Lab Use Only	
Lab No.	319977
	Accept / Reject

Report Results (☑ one box)	
☐	**QuanTEM Website**
☐	Email _____
☐	Other _____

Contact Information			
Company:	Marshall Environmental	Phone:	405-616-0401
Contact:	Jamie Marshall	Cell Phone:	
Account #:		E-mail:	
SAMPLED BY: Name:	Enejo Onuche	Date:	2/14/20

Project Information	
Project Name:	LBP/RA
Project Location:	
Project ID:	0009-EN-010820-JO
P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Cleejm Allen	2/14/20		Christiana Younge	2-17-2020
				8:00am

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis	Units (☑ ONE box only)					
		Floor wipes				Pb	PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	W-1	Room 1 - North	N/A	1X1 Ft	C	X				X		
2	W-2	Room 3 - West										
3	W-3	Room 7 - Center										
4	W-4	Room 6 - Center										
5	W-5	Room 121 - North										
6	W-6	Room 125 - East										
7	W-7	Room 131 - East										
8	W-8	Room 130 - North										
9	W-9	Room 126 - West										
10	W-10	Room 122 - West										
11	W-11	Room 9 - South										
12	W-12	Room 114 - North										

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

TURNAROUND TIME	
☐	Same Day
☐	24 - Hour
☐	3 - Day
X	5 - Day

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For Lab Use Only
Lab No. 319977
(Accept) Reject

Project Information

Company: MEM
Project Name: LBP/RA-0009-EN-0108&20-30
Project Location:

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb	Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
13	W-13	Blank	N/A	1 X 1 Pt	C	X				X		
14	W-14	Room 106 - West										
15	W-15	Room 102 - East										
16	W-16	Room 103 - North										
17	W-17	Room 107 - East										
18	W-18	West Hallway										
19	W-19	Room 113 - Center										
20	W-20	Blank										
21	W-21	East Hallway - North										
22	W-22	East Hallway - West										
23	W-23	NW Hallway - South										
24	W-24	NW Hallway - North										
25	W-25	South Main Entrance										
26	W-26	Hospital Connecting Hallway										
27												
28												
29												
30												

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

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Environmental Chemistry Analysis Report

QuanTEM Set ID: 319979
Date Received: 02/17/20
Received By: Christiana Younge
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/21/20

AIHA-LAP, LLC: 101352

Client: Marshall Environmental Management, Inc.
1301 N. MLK Ave
Oklahoma City, OK 73117

Acct. No.: A331

Project: LBP/RA
Location: Hospital Wing
Project No.: 0009-EN-010820-JO

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	W-1	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
002	W-02	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
003	W-3	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
004	W-4	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
005	W-5	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
006	W-6	Wipe	Lead	8.7	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
007	W-7	Wipe	Lead	6.7	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
008	W-8	Wipe	Lead	17	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
009	W-9	Wipe	Lead	6.7	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
010	W-10	Wipe	Lead	14	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
011	W-11	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
012	W-12	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
013	W-13	Wipe	Lead	6.7	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
014	W-14	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
015	W-15	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
016	W-16	Wipe	Lead	25	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082
017	W-17	Wipe	Lead	12	5	ug/sq. Ft.	02/18/20 14:22	NIOSH 7082

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

QUANTEM LABORATORIES
2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 319979
Date Received: 02/17/20
Received By: Christiana Younge
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/21/20

AIHA-LAP, LLC: 101352

Client: Marshall Environmental Management, Inc.
1301 N. MLK Ave
Oklahoma City, OK 73117

Acct. No.: A331

Project: LBP/RA
Location: Hospital Wing
Project No.: 0009-EN-010820-JO

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
018	W-18	Wipe	Lead	11	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
019	W-19	Wipe	Lead	21	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
020	W-20	Wipe	Lead	41	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
021	W-21	Wipe	Lead	22	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
022	W-22	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
023	W-23	Wipe	Lead	25	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
024	W-24	Wipe	Lead	12	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
025	W-25	Wipe	Lead	17	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
026	W-26	Wipe	Lead	7.1	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
027	W-27	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
028	W-28	Wipe	Lead	130	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
029	W-29	Wipe	Lead	<5.0	5	ug/sq. Ft.	02/19/20 16:11	NIOSH 7082
030	30	Soil	Lead	<40	40	mg/kg	02/18/20 14:22	Soil EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

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EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

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Environmental Chemistry Analysis Report

QuanTEM Set ID: 319979
Date Received: 02/17/20
Received By: Christiana Younge
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 02/21/20

AIHA-LAP, LLC: 101352

Client: Marshall Environmental Management, Inc.
1301 N. MLK Ave
Oklahoma City, OK 73117

Acct. No.: A331

Project: LBP/RA
Location: Hospital Wing
Project No.: 0009-EN-010820-JO

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method

Authorized Signature: _____
Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

Supplemental Report
QAQC Results

QA ID: 18303
Test: Lead

Date: 2/18/2020
Matrix: Soil

Lab Number: 319979
Approved By: Cherry Rossen
Date Approved: 2/18/2020

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.3	5.5
FCV	4.5	5.4	5.5
ICV	0.9	1	1.1
RLVS	0.08	0.09	0.24

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-S1	0.000	2.431	2.606	107.2	2.525	103.9	3.1
319979-030	0.026	2.000	2.219	109.7			

Authorized Signature:_____

Cherry Rossen, Technical Manager

Supplemental Report
QAQC Results

QA ID: 18304
Test: Lead

Date: 2/18/2020
Matrix: Wipe

Lab Number: 319979
Approved By: Cherry Rossen
Date Approved: 2/18/2020

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank 3	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.3	5.5
FCV	4.5	5.4	5.5
ICV	0.9	1	1.1

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W3	0.000	2.431	2.400	98.7	2.364	97.2	1.5

Authorized Signature: _____

Cherry Rossen, Technical Manager

Supplemental Report
QAQC Results

QA ID: 18306
Test: Lead

Date: 2/19/2020
Matrix: Wipe

Lab Number: 319979
Approved By: Cherry Rossen
Date Approved: 2/20/2020

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank 1	0
Matrix Blank 2	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.3	5.5
FCV	4.5	5.2	5.5
ICV	0.9	0.9	1.1
RLVS	0.05	0.08	0.15

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
MS-W1	0.000	2.431	2.316	95.3	2.239	92.1	3.4
MS-W2	0.000	2.431	2.460	101.2	2.530	104.1	2.8

Authorized Signature: _____

Cherry Rossen, Technical Manager

LEAD CHAIN OF CUSTODY

Hospital Wing

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Lab No.	319979
	(Accept) Reject

Contact Information			
Company:	Marshall Environmental	Phone:	405-616-0401
Contact:	Jamie Marshall	Cell Phone:	
Account #:		E-mail:	
SAMPLED BY: Name:	Enejo Onuche	Date:	2/14/20

Project Information	
Project Name:	LBP/RA
Project Location:	
Project ID:	0009-EN-010820-JO
P.O. Number:	

Report Results (☑ one box)	
	QuanTEM Website
	Email _____
	Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
Enejo Onuche	2/14/20		Christiana Younge	2-17-2020 8:00 am

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb	Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	W-1	Room 3 Flr. Center	N/A	1X1Ft	C	X				X		
2	W-2	Room 1 Flr. Center										
3	W-3	Room 1b Flr. Center										
4	W-4	Room 2 - Floor - Center										
5	W-5	Room 4 - Center										
6	W-6	Room 34 Flr. Hallway										
7	W-7	Rm 2 East wing - Floor - E										
8	W-8	Rm 3 East wing Hallway Flr - Center										
9	W-9	East wing Rm 7 Floor - Center										
10	W-10	East wing Rm 33 Floor										
11	W-11	Blank										
12	W-12	East wing Rm 11 Floor - C	↓	↓	↓	↓				↓		

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
X	5 - Day

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For Lab Use Only
Lab No. 319979
(Accept) Reject

Project Information

Company: MEM | Project Name: LBP/RA | Project Location:

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb	Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
13	W-13	East wing Rm 32 Floor-E	N/A	1X1ft	C	X				X		
14	W-14	Rm 276 Floor-C										
15	W-15	Rm 27 Floor-C										
16	W-16	Rm 29 Floor-C										
17	W-17	East Hallway Flr										
18	W-18	Rm 15 Floor-Conr										
19	W-19	Rm 30 Hallway Flr										
20	W-20	Rm 18 Floor-C										
21	W-21	Rm 20 Floor-C										
22	W-22	Blank										
23	W-23	East wing Rm 21 Hallway Floor										
24	W-24	Rm 26 Hallway Floor										
25	W-25	Rm 33A Floor										
26	W-26	East Hallway Floor-N										
27	W-27	Rm 23 Floor-C										
28	W-28	Mechanical Rm Floor										
29	W-29	Rm 22 Floor										
30												

Sample Matrix Codes

A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
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Lab No. 319979
Accept Reject

Project Information

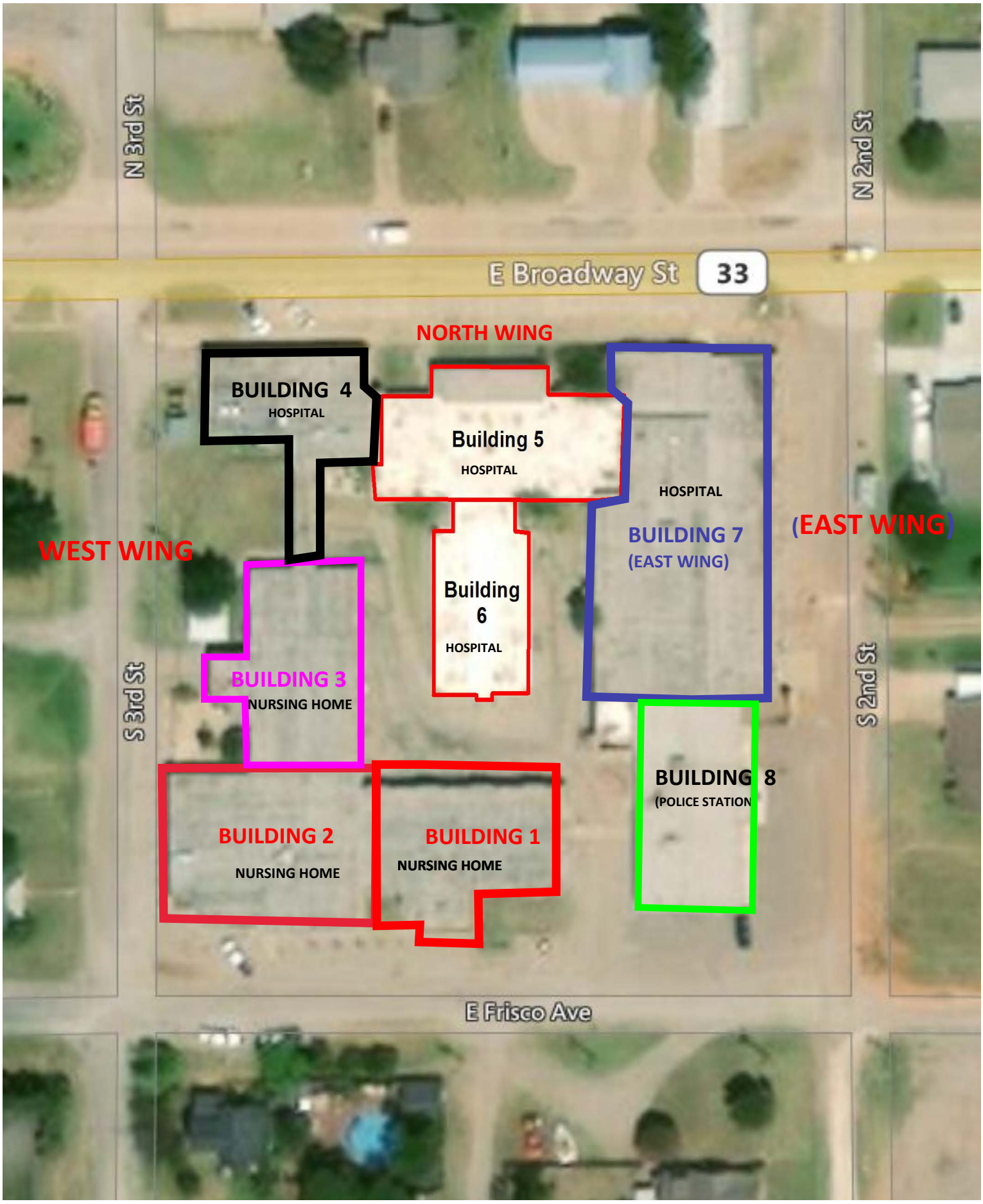
Company: MEM | Project Name: LBPRA - 0009-EN-0 | Project Location: JO

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

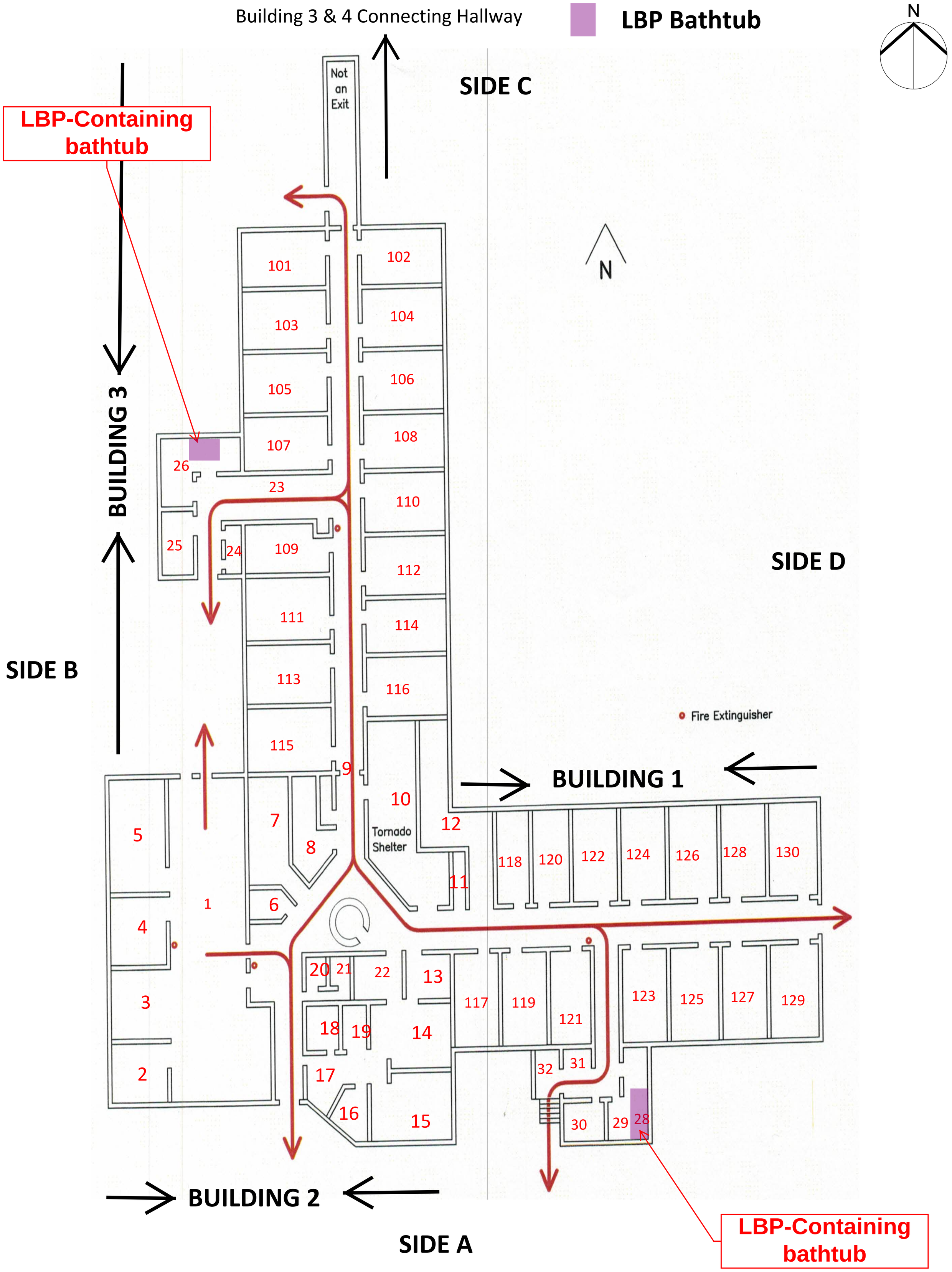
No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units (☑ ONE box only)					
						Pb			PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
~~13~~	30	South Dripline Soil	N/A	1/2 inch	A	X								
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

SATURDAY FEDEX SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
Please Note - UPS and USPS are NOT available for Saturday Delivery



MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**FORMER THOMAS HOSPITAL – BUILDINGS LAYOUT** 610 EAST BROADWAY AVENUE THOMAS, OKLAHOMA	1 FIGURE



MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**NURSING HOME WING (BLDG. 1-3) FLOOR PLAN - LBP LOCATIONS** FORMER THOMAS HOSPITAL 610 EAST BROADWAY THOMAS, OK 73669	2 FIGURE NOT TO SCALE

LBP LOCATION KEY

- Doors & Components
- Cabinet
- Walls/wallpaper

C

N

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
36
34A
34B
34
35
33A
33
33C
32
31
30
28
29
27
23
24
25
26
22
21
20
19

Hallway

East Hallway

To Building 5

B

D

A

Mech. Room

Garage

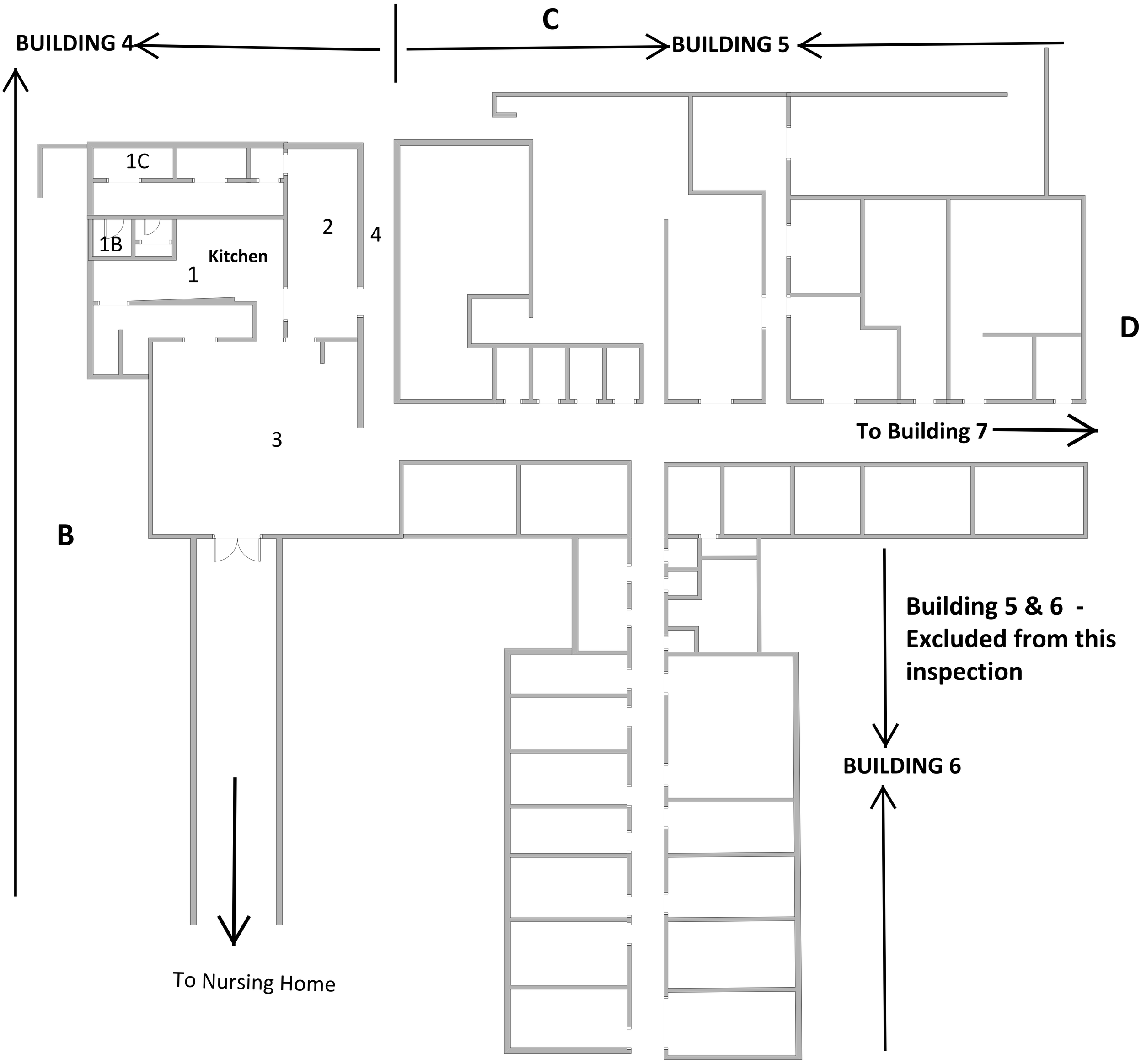
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 7 (EAST WING) - LBP LOCATIONS

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

3
FIGURE

NOT TO SCALE



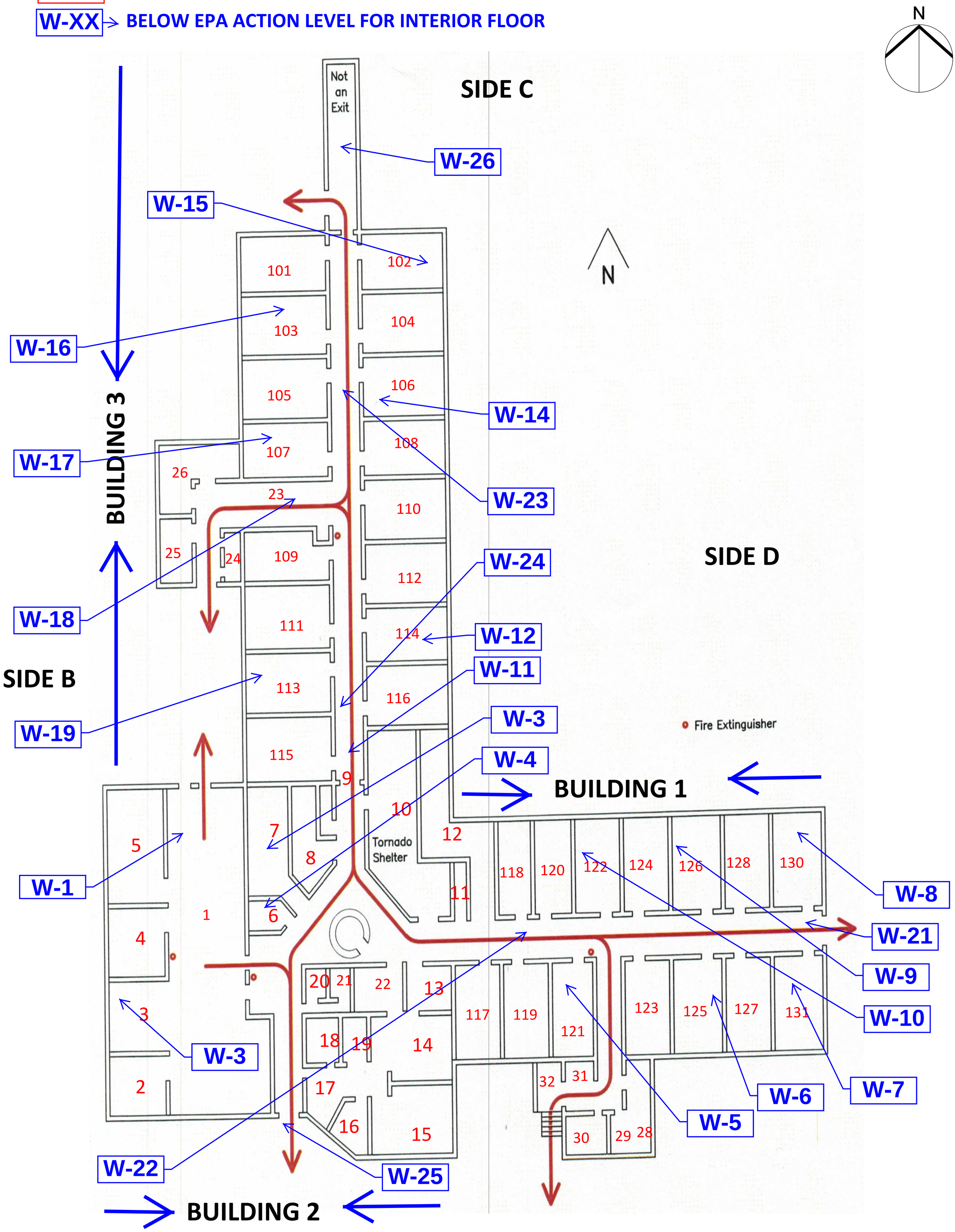
LBP was not identified in Building 4 (See attached results)

N

MARSHALL ENVIRONMENTAL MANAGEMENT	**BUILDING 4, 5 & 6 FLOOR PLAN - LBP LOCATIONS** FORMER THOMAS HOSPITAL 610 EAST BROADWAY THOMAS, OK 73669	4 FIGURE NOT TO SCALE

W-XX → ABOVE EPA ACTION LEVEL FOR INTERIOR FLOOR

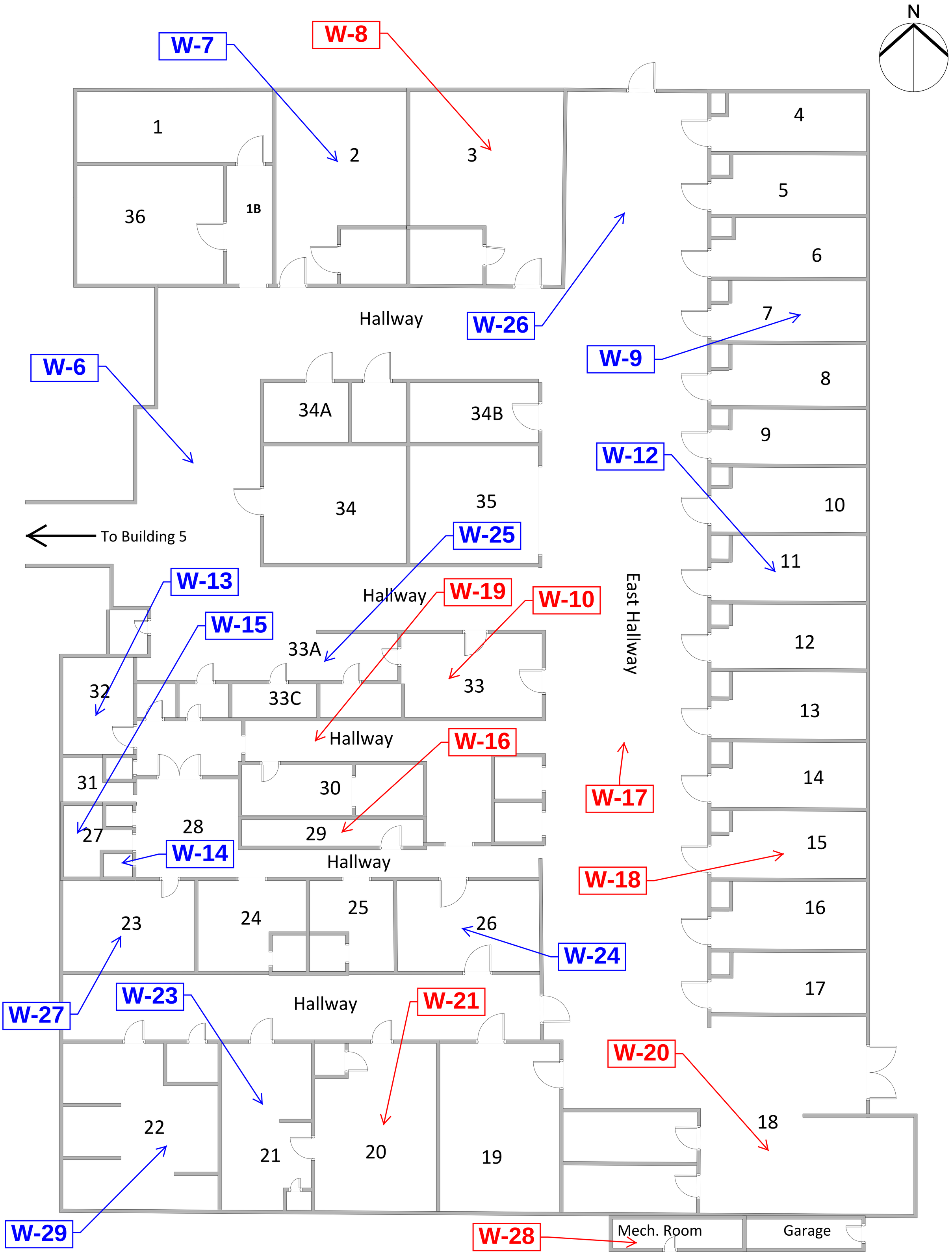
W-XX → BELOW EPA ACTION LEVEL FOR INTERIOR FLOOR



MEM MARSHALL ENVIRONMENTAL MANAGEMENT	**NURSING HOME WING (BLDG. 1-3) - SLD SAMPLE LOCATIONS** FORMER THOMAS HOSPITAL 610 EAST BROADWAY THOMAS, OK 73669	5 FIGURE NOT TO SCALE

W-XX → ABOVE EPA ACTION LEVEL FOR INTERIOR FLOOR

W-XX → BELOW EPA ACTION LEVEL FOR INTERIOR FLOOR



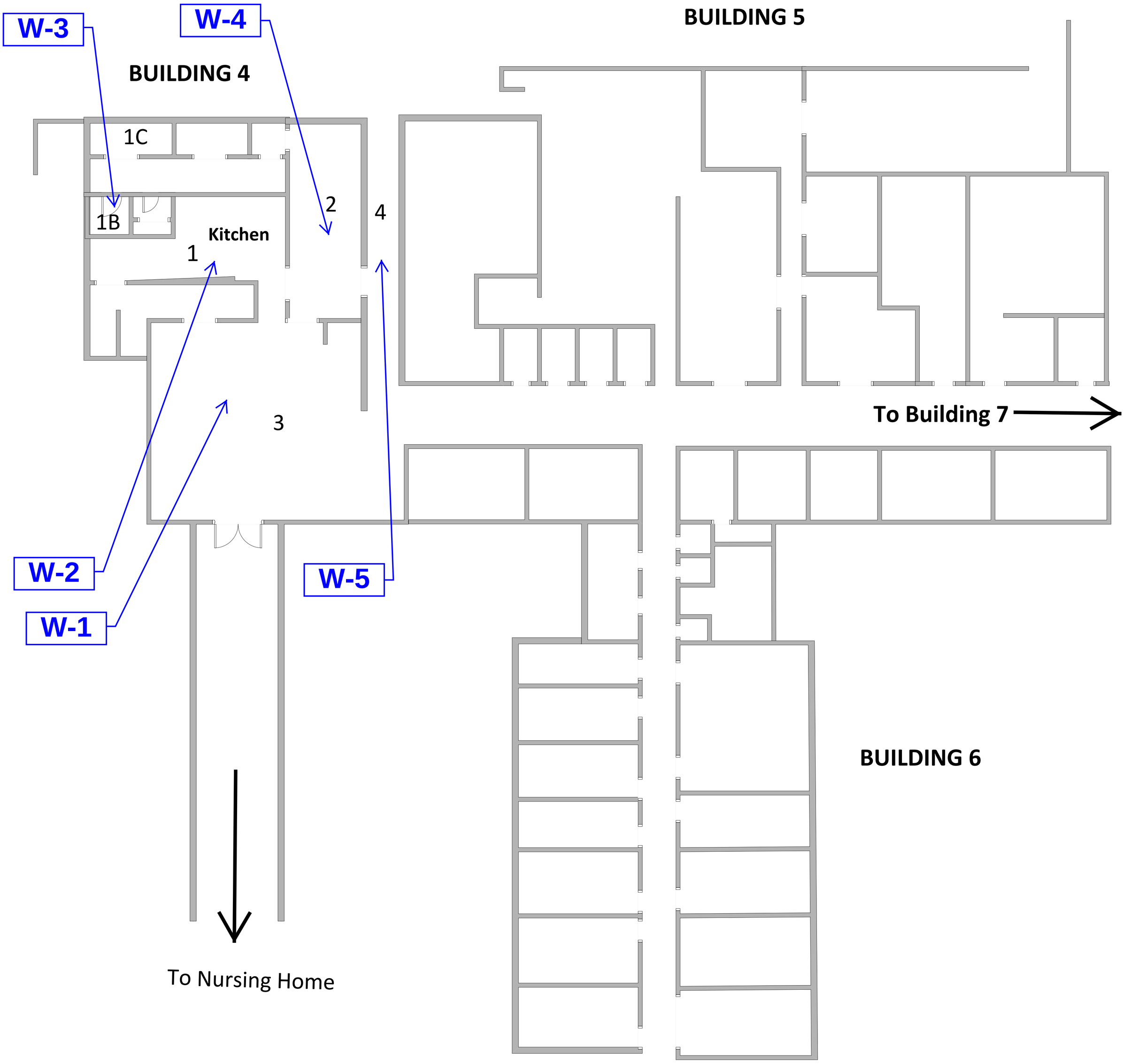
MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 7 (EAST WING) - SLD SAMPLE LOCATIONS

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

6
FIGURE

NOT TO SCALE



BUILDING 5 & 6: Excluded from this survey

W-XX → ABOVE EPA ACTION LEVEL FOR INTERIOR FLOOR

W-XX → BELOW EPA ACTION LEVEL FOR INTERIOR FLOOR

N

MARSHALL ENVIRONMENTAL MANAGEMENT

BUILDING 4, 5 & 6 - SLD SAMPLE LOCATIONS

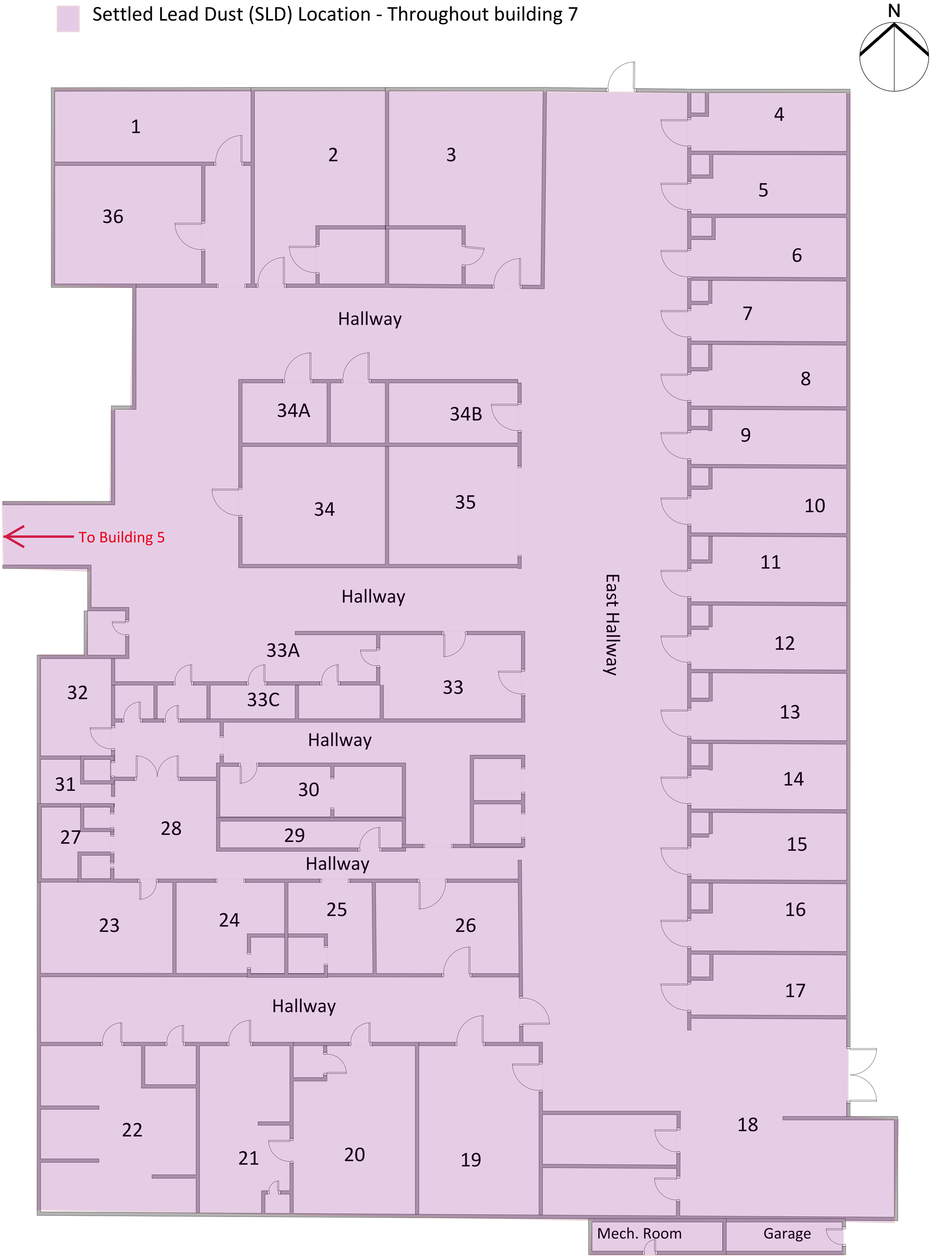
FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

7
FIGURE

NOT TO SCALE

KEY

Settled Lead Dust (SLD) Location - Throughout building 7



BUILDING 7 (EAST WING) - SLD LOCATION

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

8
FIGURE

NOT TO SCALE

MARSHALL ENVIRONMENTAL MANAGEMENT

Building 7 Room 19 - Lead-Containing Wallpaper

Building 7 Room 23 - Lead-containing Wallpaper

Building 7 Room 21B - Lead-Based Paint Cabinet

Building 7 Room 20 - Door with Lead-lining

Building 7 Room 21B - Door with Lead-lining

Building 7 Room 20 - Door with Lead-lining

MARSHALL ENVIRONMENTAL MANAGEMENT

PHOTO ALBUM - LBP COMPONENTS

FORMER THOMAS HOSPITAL
610 EAST BROADWAY
THOMAS, OK 73669

1
FIGURE

NOT TO SCALE

Project Design Review Form

Oklahoma Department of Labor

Project Name: Former Thomas Hospital

Asbestos Division Project No: 20-9586

Date: 5/04/20

Approved: ___X___

3017 N. Stiles, Oklahoma City, OK 73105

Project Designer: Jamie Marshall

Disapproved: _____

Phone – (405) 550-5743

	ITEM	ACCEPTED	REJECTED	COMMENTS
1.	**A statement that DOL Abatement of Friable Materials Rules apply.**	**X**		This project to be performed according to DOL Abatement of Friable Asbestos Rules OAC 380:50
2.	**Sequencing and phasing of work.**	**X**		One Phase with (4) work areas.
3.	**Identification of means of egress and a fire protection plan and a diagram for emergency escape routes, and fire extinguisher placements.**	**X**		**Workers briefed on emergency egress procedures. 10 lb ABC fire extinguishers placed every 3,000 SF of work area and also placed outside work areas.**
4.	**The quantity, type, percentage with bulk analysis unless presumed and a diagramed location of asbestos materials to be abated.**	**X**		92,501 SF of wall texture and joint compound bldgs. 1-4 and 7 (2% chrysotile) 43,521 SF of sheet flooring bldgs. 1-4 and 7 (30-60% chrysotile) 336 LF of exterior wall expansion joint texture and barrier, bldg. 8 (2-5% chrysotile)
5.	**Abatement methods, and techniques, and numbers of containments, glove bags or mini-containments.**	**X**		Wall texture and joint compound = DOL OAC 380:50-23-4 Sheet flooring = DOL OAC 380:50-23-1 In case of discrepancy, DOL OAC 380:50-17-4 will be adhered to..
6.	**Details of personal and area air monitoring samples.**	**X**		**25% of the work force (minimum of 2 samples), work areas, outside work areas, load out, outside decon clean room, neg air exhaust.**
7.	**Numbers and locations of Clean Test samples and type of analysis to be employed.**	**X**		(5) PCM clearance samples per work area achieving a minimum of 1200 L each sample..
8.	**Numbers, capacities, a diagram to identify locations, and discharge points, if any, of negative air machines.**	**X**		Work area 1= one neg air providing (4) air changes / hr at -.02 inches water column. Work area 2= (8) neg airs providing (4) air changes / hr. Work area 3= (2) neg airs providing (4) air changes / hr. Work area 4= 15 neg airs providing (4) air changes / hr.
9.	**Details of project containment(s), glove bag or mini-containments, including drawings. Details shall include all applicable subchapters, including but not limited to scaffolding and live electric isolation.**	X		All work areas will have electric and HVAC locked out / tagged out. Wall texture / joint compound will follow 380:50-23-4 ceiling texture procedures. Sheet flooring will follow 38:50-23-1 sheet flooring procedures.
10.	**Details of decontamination system(s).**	**X**		Work area (1) will have an attached decon. Work areas 2-4 will utilize centralized decon. All decon will adhere to DOL OAC 380:50-15-7,8 and 12.
11.	**The extent to which asbestos-contaminated soils, if any, must be removed and the sampling methods of determining the efficacy of such removal.**	N/A		
12.	**Special materials or methods required to protect objects in the work area should be detailed, (plywood over carpeting or hardwood floors to prevent damage from scaffolds and/or falling materials.**	N/A		
13.	**Any variances from the Abatement of Friable Asbestos Materials Rules.**	**N/A**		

The Department of Labor reserves the right to require additional engineering or environmental controls consistent with the Abatement of Friable Asbestos Materials Rules which may be necessary because of discrepancies between this Project Design and field conditions or from unanticipated changes in field conditions.

REVIEWED BY: Dark Boswell DATE: 5/04/20 REVIEWED BY: Bernita Hart DATE: 5.4.2020

TARGETED BROWNFIELDS ASSESSMENT (TBA)
PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)

THOMAS HOSPITAL TBA

601 EAST BROADWAY
THOMAS, CUSTER COUNTY, OKLAHOMA 73669

PREPARED FOR:

US ARMY CORPS OF ENGINEERS – TULSA DISTRICT
2488 E 81ST STREET
TULSA, OK 74137-4290

and

US ENVIRONMENTAL PROTECTION AGENCY – REGION 6
1445 Ross Avenue – 12th Floor
Dallas, TX 75202-2733

MAY 23, 2019

PREPARED BY:

ALL CONSULTING
GOVERNMENT RELATIONS · ENERGY · PLANNING · TECHNOLOGY
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1718 SOUTH CHEYENNE AVENUE
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EXECUTIVE SUMMARY

This Phase II Environmental Site Assessment (ESA) Report has been prepared for the United States Army Corps of Engineers (USACE) - Tulsa District by ALL Consulting (ALL) under Contract No. W912BV-15-D-0017, Task Order W912BV18F0196. Funding for this Phase II ESA is provided by the U.S. Environmental Protection Agency's (USEPA) Targeted Brownfields Assessment (TBA) Program. This project was tasked to USACE - Tulsa District by USEPA Region 6 Brownfields Team in response to a request from the Director of Economic Development for the City of Thomas through the USEPA TBA program. This report describes the field activities carried out to perform the Phase II ESA on the Thomas Hospital Site located in Thomas, Custer County, Oklahoma. The Thomas Hospital Site will hereinafter be referred to as the "Site." The purpose of the Phase II ESA was to evaluate the two (2) main hospital buildings for asbestos containing material (ACM) and lead-based paint (LBP) in building materials; lead in dust; mold in air and on interior surfaces; lead in surface soil; and polychlorinated biphenyls (PCBs) in window grout. A Naturally Occurring Radioactive Materials (NORM) survey was also conducted to determine if elevated NORM levels were present at the Site.

The Site is located in Thomas, Oklahoma, within an immediate area consisting predominantly of residential properties. The Site occupies approximately 2.074-acres and contains an approximately 58,500 square-foot building complex consisting of seven (7) vacant, interconnected, single-story brick structures with an additional single-story brick building currently in use as medical clinic. All inspection and sampling activities were conducted within the two (2) main hospital buildings, referred to as Buildings 5 and 6. Building 5 was originally constructed from 1949 thru 1950 and Building 6 was constructed in 1961. Both buildings were closed in 1995.

All field inspection and sampling activities conducted by ALL personnel occurred on April 4, 2019. This Phase II ESA included the collection of 148 suspect ACM samples; 30 suspect LBP samples; six (6) lead wipe samples; eight (8) mold wipe samples; three (3) mold air samples; ten (10) suspect PCB samples from window grout; and 10 surface soil samples for lead analysis. In addition, a pedestrian NORM survey was conducted for the Site property, and dimensions of the two (2) Site buildings were measured. The building measurements included recording interior

room dimensions and exterior building dimensions. Asbestos and LBP samples were shipped to QuanTEM Labs in Oklahoma City, Oklahoma. Surface wipe, air, window grout and surface soil samples were all sent to ALS Laboratories (ALS) in Houston, Texas. All surface wipe and air samples for mold analysis were submitted to Moody Laboratories by ALS.

ANALYTICAL RESULTS

The following is a summary of the inspection and analytical results for this Phase II ESA:

Asbestos

Dean Swain of Environmental Hazard Control, Inc. (EHCI), a USEPA accredited and Oklahoma Department of Labor (ODOL) licensed asbestos inspector/management planner completed the Asbestos inspection on April 4, 2019. The ACM inspection identified 40 homogeneous areas, from which 148 samples were collected.

- Asbestos was identified above the USEPA threshold of one percent (1%) in the sampled material the form of Category I Non-Friable, Category II Non-Friable, and Friable Regulated Asbestos Containing Material (RACM).
- Category I Non-Friable asbestos material was found in approximately 10,730 ft^2 of roll sheet flooring, vinyl floor tiles, and associated black mastic backings. This material was also documented in the window putty and glazing located on interior and exterior windows of both buildings.
- Category II Non-Friable asbestos material was found in approximately 360 square feet of cementious overhang board material in Building 6.
- RACM was found in approximately 50 hard pack fittings on the fiberglass pipe insulation located in Building 5 and in the hallway of Building 6. RACM was also documented in approximately 150 linear feet of asbestos seam tape on fiberglass wrapped duct work in Building 6.

LBP

Michael Jenkinson of Crystal Creek, LLC. and a subcontractor for EHCI, completed the LBP inspection on April 4, 2019. Mr. Jenkinson is an Oklahoma Department of Environmental Quality

(ODEQ) certified LBP inspector. During the LBP inspection, a total of 400 assays were performed, and 30 paint chip samples were collected.

- LBP was documented on the exterior surface of a white cabinet in a northeast room of Building 6. No other LBP was documented at the Site.

Surface Wipe Lead Samples

A total of eight (8) surface wipe samples were collected from the interior surfaces of the two (2) Site buildings and included five (5) normal samples, one (1) duplicate sample, one (1) Matrix Spike (MS), and one (1) Matrix Spike Duplicate (MSD) sample.

- Lead was detected in each of the five (5) normal samples above the MDL, with results ranging from 0.285 to 1.26 micrograms per square foot ($\mu g/ft^2$). However, none of the sample results exceeded their respective screening limit of 40 $\mu g/ft^2$ for floor surfaces and 250 $\mu g/ft^2$ for window sills.

Surface Wipe Mold Samples

A total of eight (8) surface wipe samples were collected from the interior surfaces of the two (2) Site building.

- Cladosporium was found to be the dominant mold species and was found with an extensive prevalence in all eight (8) of the surface wipe samples. Alternaria was found to have an extensive prevalence in samples TH-MW01, TH-MW02, and TH-MW07. Alterneria was detected at lower levels in TH-MW06, TH-MW05, and TH-MW08.
- Other mold species which exceeded trace detections were found in sample TH-MW07 and included Aspergillus/Penicillium; Myxom/Rust/Smut; and Ulocladium/ Stemphylium.

Air Mold Samples

Three (3) air samples were collected from the Site including one (1) sample from the interior of Building 5, one (1) sample from the interior of Building 6, and one (1) sample from the building exterior.

- Aspergillus/Penicillium; Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found at notably higher indoor concentrations than outdoor concentrations. It is noted that

Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found in both indoor air samples but were not documented in the outdoor air sample.

- The mold species which showed a higher presence in indoor air than outdoor air are considered to be actively propegating within the interior building space.

Window Grout PCB Samples

A total of ten (10) window grout samples were collected that included seven (7) normal samples, one (1) duplicate sample, one (1) MS and one (1) MSD sample.

- One (1) normal sample was determined to contain PCBs. Sample TH-WG03 contained detectable levels of PCBs at a concentration of 830 milligrams per kilogram (mg/kg).

Surface Soil Lead Samples

A total of eight (8) surface soil samples were collected and included five (5) normal samples, one (1) duplicate sample, one (1) MS and one (1) MSD sample.

- Lead was detected in each of the five (5) normal samples above its MDL and results ranged from 12.8 to 35.1 mg/kg. None of the surface soil samples exceeded their respective screening limit of 400 mg/kg.

NORM

NORM screening was conducted throughout the Site to determine if radiation levels were in excess of established background readings.

- Survey readings remained within the range of established background radiation of 50 – 200 counts per minute (CPM).

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos Containing Material
ALL	ALL Consulting
ALS	ALS Laboratories
APP	Accident Prevention Plan
ASTM	American Society of Testing and Materials
BER	Business Environmental Risk
°C	Degrees Centigrade
cm^2	Square Centimeters
Crystal Creek, LLC	Crystal Creek
DoD QSM	Department of Defense Quality System Manual
EHCI	Environmental Hazard Control, Inc.
ESA	Environmental Site Assessment
GPS	Global Positioning System
IDW	Investigation-Derived Wastes
LBP	Lead-Based Paint
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
µg/ft^2	micrograms per square foot
µg/wipe	micrograms per wipe
mg/kg	milligrams per kilogram
NESHAP	National Emission Standards for Hazardous Air Pollutants
NORM	Naturally Occurring Radioactive Materials
NVLAP	National Voluntary Laboratory Accreditation Program
ODEQ	Oklahoma Department of Environmental Quality
ODOL	Oklahoma Department of Labor
PCB	Polychlorinated Biphenyls
PLM	Polarized Light Microscopy
ppm	Parts Per Million
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RACM	Regulated Asbestos Containing Material
SOP	Standard Operating Procedure
SSHP	Site Safety Health Plan
TAT	Turn-Around-Time
TBA	Targeted Brownfields Assessment
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency

1. INTRODUCTION

The U.S. Army Corps of Engineers (USACE) - Tulsa District contracted ALL Consulting (ALL) under contract number W912BV-15-D-0017, Task Order W912BV18F0196, to perform a Phase II Environmental Site Assessment (ESA) for the Thomas Hospital Site, hereinafter referred to as the "Site." Funding for this Phase II ESA is provided by the U.S. Environmental Protection Agency's (USEPA) Targeted Brownfields Assessment (TBA) Program. This project was tasked to USACE - Tulsa District by USEPA Region 6 Brownfields Team in response to a request from the Director of Economic Development for the City of Thomas, Oklahoma, through the USEPA TBA program. This report describes the field activities carried out to perform the Phase II ESA on the Site, which is located in the City of Thomas, Custer County, Oklahoma. The purpose of the Phase II ESA was to evaluate the two (2) main hospital buildings for asbestos containing material (ACM) and lead-based paint (LBP) in building materials; lead in dust; mold in air and on interior surfaces; lead in surface soil; and polychlorinated biphenyls (PCBs) in window grout. A Naturally Occurring Radioactive Materials (NORM) survey was also conducted to determine if elevated NORM levels were present at the Site. In addition, dimensions of the two (2) Site buildings were measured, including the interior room dimensions and the exterior building dimensions.

This Phase II ESA was performed in accordance with the following planning documents:

- *Scope of Work for Phase II Environmental Site Assessment (ESA) Old Thomas Hospital Building TBA Site, Thomas, Oklahoma.* Contract Number W912BV-15-D-0017, Task Order No.W912BV18F0196, USACE, Tulsa District, September 29, 2018.
- USEPA, *Quality Assurance Guidance for Conducting Brownfields Site Assessments*, USEPA 540-R-98-038, September 1998.
- American Society of Testing and Materials (ASTM) E-1903-11 [2011], "Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process," 2011.
- *Targeted Brownfields Assessment Phase I Environmental Site Assessment Thomas Hospital and Nursing Home Complex, Targeted Brownfields Assessment, City of Thomas, Oklahoma, December 2018.*

- *Quality Assurance Project Plan (QAPP) for Targeted Brownfields Assessment (TBA), Phase II Environmental Site Assessment (ESA), Thomas Hospital and Nursing Home Complex TBA Site, 601 East Broadway, Thomas, Custer County, Oklahoma.* Includes: *Standard Operating Procedures (SOP)* and the *Accident Prevention Plan (APP)/Site Safety and Health Plan (SSHP)*. ALL Consulting. March, 2019.

1.1 Project Objectives

The purpose of the Phase II ESA was to sample and evaluate soil, building materials, and interior building spaces at the two (2) main hospital buildings (Buildings 5 and 6). Asbestos and LBP were surveyed and sampled within the two (2) buildings; dust wipes were collected for lead and mold analysis; surface soil was collected for lead analysis; air samples were collected for mold analysis; and window grout samples were collected for PCB analysis. A NORM survey was also conducted throughout the Site and dimensions of the two (2) Site buildings were measured, including interior room and exterior building dimensions.

1.2 Report Organization

This report consists of seven (7) sections and six (6) appendices. **Section 1.0** contains an introduction to the report. **Section 2.0** describes the work activities performed at the Site. The sampling and analytical methods and procedures are presented in **Section 3.0**. **Section 4.0** describes the regional and local geologic and hydrogeologic settings. **Section 5.0** presents the sampling results. **Section 6.0** is a summary of this ESA and considerations based upon the findings of the investigation. References used in the preparation of this report are included in **Section 7.0**. The figures referenced in this report are included at the end of each respective section.

1.3 Site Location

The subject property consists of a vacant seven (7) building complex, collectively refered to as, the Thomas Hospital and Nursing Home Complex. The Site is located in Thomas, Oklahoma, and has the physical address of 610 East Broadway Avenue. The Site is bounded on the north by East Broadway Avenue (also known as, Oklahoma Highway 33), on the south by East Frisco Avenue, on the east by South 2nd Street, and on the west by South 3rd Street (See Figure 1-2). The

latitude and longitude coordinates for the building are 35.7434570 and -98.7407520 (NAD83/WGS84).

1.4 Site Description and History

The 2.074-acre Site contains an approximately 58,500 square-foot building complex consisting of seven (7) vacant, interconnected, single-story, brick structures with one additional building currently used as a medical clinic. The Site is situated on a relatively flat, but slightly elevated area, and is bounded on all sides by roadways and residential properties. The topographic gradient of the Site area gently slopes toward an eastern branch of Deer Creek approximately 1.8 miles to the southwest (see Figure 1-1). The surface also drains towards the south and west.

Phase II sampling activities at the Site were carried out at the two (2) main hospital buildings, which consist of Buildings 5 and 6. These buildings are the oldest structures in the complex. Building 5 was constructed from 1949 through 1950 and Building 6 was constructed in 1961. The Site buildings were used for medical practices and senior care and were closed in 1995. The buildings are now vacant and unused.

1.5 Prior Investigations

A Phase I ESA was conducted on the Site by ALL in December of 2018 (ALL 2018). The Phase I ESA identified the following:

Historical Recognized Environmental Conditions

- A UST was present at the Site but was closed and removed and no release was identified.

Business Environmental Risks (BER):

- Due to the age of construction and observations made during the site visit and inspection, LBP has the potential to exist within the building structures located on-Site.
- Due to the age of construction and observations made during the site visit and inspection, ACM has the potential to exist within the building structures located on-Site.
- Polychlorinated Biphenyls containing window grout and caulking were suspected at the Site due to the ages of the structures. Pole-mounted and pad mount transformers did not have labeling to indicate PCB content, but showed no signs of leakage.

Other Environmental Findings

- Mold was present within the interior building spaces due to extensive water leaks from damaged roofing and piping.
- Miscellaneous chemical containers in the form of 5-gallon buckets, 1-gallon paint cans and smaller containers that were full or partially filled were observed throughout the building complex.
- Materials classified as Universal Wastes were observed during the Site inspection and could pose an environmental issue if not managed properly, or if disposed incorrectly.

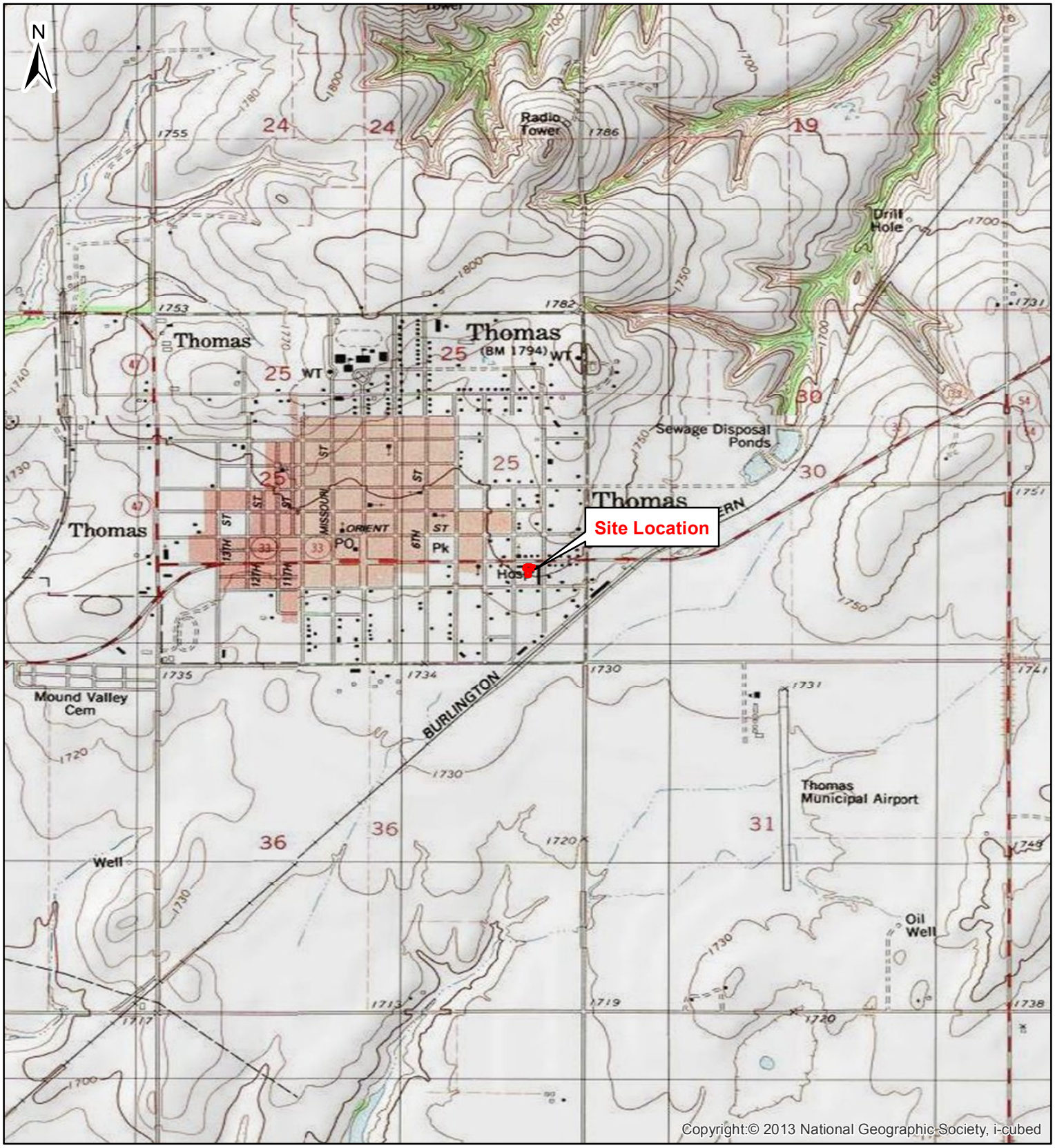
The prior investigations indicated that the following media and potential contaminants were identified for further investigation at the Site:

Media Potentially Impacted:

- Building Materials
- Interior Dust
- Ambient Air
- Surface Soils

Potential contaminants of concern include:

- ACM
- Lead
- Mold
- PCBs
- NORM



Thomas Hospital

Figure 1-1

Site Location Map

Project Manager: Charles McComas	May 23, 2019	Map Created by: Ben Bockelmann

Prepared by:

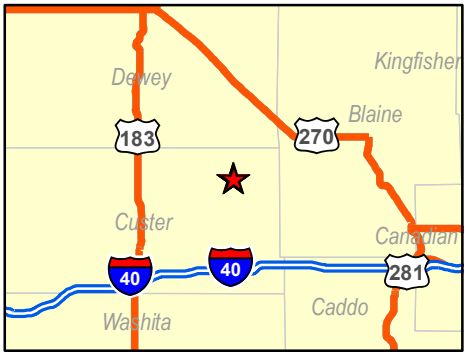
ALL CONSULTING

Legend

Site Boundary

0 1,250 2,500 5,000

Feet



Thomas Hospital

Figure 1-2
Site Layout Map

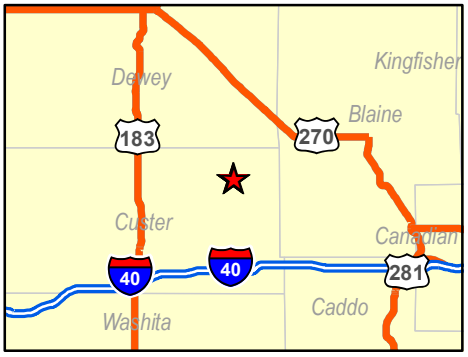
Project Manager: Charles McComas	May 23, 2019	Map Created by: Ben Bockelmann

Prepared by:
ALL CONSULTING

Legend

Site Boundary

0 50 100 200
Feet



2. SUMMARY OF ESA FIELD ACTIVITIES

Field activities were carried out on April 4, 2019, and consisted of an Asbestos and LBP inspection and sampling within the two (2) buildings. Other samples collected included dust wipe samples for lead and mold analysis; surface soil samples for lead analysis; air samples for mold analysis; and window grout samples for PCB analysis. A NORM survey was also conducted throughout the Site and dimensions of the two (2) Site buildings were measured. On-site activities were completed in accordance with the Phase II ESA QAPP (ALL 2019), with any exceptions to these activities noted in **Section 2.11**. A listing of the number of samples and sample analysis type are included in **Table 2-1**.

Table 2-1
Sample Quantity and Analysis

Matrix	No. Field Samples	No. Discretionary Samples	No. Duplicate Samples	MS/MSD Samples	Equipment Rinsate Blank	Total	Analysis/Method
Surface Wipe	5	-	1	1/1	-	8	Lead 6020
	8	-	-	-	-	8	Mold ASTM D7658
Air	3	-	-	-	-	3	Mold ASTM D7391
Window Grout	7	-	1	1/1	-	10	PCB 8082A
Surface Soil	5	-	1	1/1	-	8	Lead 6020

2.1 Asbestos and Lead-Based Paint Inspection and Sampling

The asbestos inspection and sampling was conducted on April 4, 2019, by Dean Swain of Environmental Hazard Control, Inc. (EHCI), a USEPA accredited and Oklahoma Department of Labor (ODOL) licensed asbestos inspector/management planner (OK-MP1349000). A total of 148 suspect ACM samples were collected at the Site from 40 identified homogeneous areas. The sub-sampling locations, conditions, and estimated quantities of ACM were noted during sampling and inspection. Samples were submitted to QuanTEM Laboratories (QuanTEM) in Oklahoma City, Oklahoma, for analysis under chain of custody protocol and were analyzed using Polarized

Light Microscopy (PLM) in accordance with USEPA Method 600R-93/116. QuanTEM is a National Voluntary Laboratory Accreditation Program (NVLAP) laboratory.

The LBP inspection was conducted by an EHCI subcontractor, Mr. Michael Jenkinson of Crystal Creek, LLC. (Crystal Creek). Mr. Jenkinson is an Oklahoma Department of Environmental Quality (ODEQ) certified LBP inspector (OK-RASR11413). During the LBP inspection, painted surfaces in Site Buildings 5 and 6 were screened with an X-Ray Fluorescence (XRF) analyzer to indicate the presence of LBP. Two (2) XRF readings were taken for each painted substrate that was identified on the interior and exterior of the Site building. Each screening location was documented as well as the observed paint color, condition, and substrate. Duplicate, or split paint chip samples were collected at a maximum rate of 10% for the total number of XRF screened surfaces within the buildings. This resulted in 30 paint chip samples from the two (2) Site buildings. Paint chip samples were submitted to QuanTEM for lead analysis by USEPA Method 7420, Atomic Absorption. QuanTEM is a NVLAP accredited laboratory.

2.2 Surface Wipe Lead Sampling

A total of eight (8) surface wipe samples were collected from the Site. Samples collected from the two (2) Site buildings include: five (5) normal samples, one (1) duplicate sample, one (1) matrix spike (MS), and one (1) matrix spike duplicate (MSD) sample. Of the five (5) normal samples, three (3) samples were collected from surfaces in Building 5 and two (2) samples were collected from surfaces in Building 6. The samples were submitted to ALS Laboratories (ALS) in Houston, Texas, for analysis of lead. Surface wipe sample locations are presented in **Figure 2-1**.

2.3 Surface Wipe Mold Sampling

A total of eight (8) surface wipe samples were collected from the Site for mold analysis. Four (4) samples were collected from Building 5, and four (4) samples were collected from Building 6. The samples were submitted to ALS in Houston, Texas. The surface wipe samples were submitted to ALS, who then submitted the samples to Moody Laboratories for direct microscopic analysis for fungal identification. Surface wipe sample locations are presented in **Figure 2-1**.

2.4 Interior Air Mold Sampling

A total of three (3) air samples were collected from the Site as follows: one (1) sample from the interior of Building 5, one (1) sample from the interior of Building (6), and one (1) sample from the building exterior. The air samples were submitted to ALS in Houston, Texas. The air samples were then submitted to Moody Laboratories by ALS for direct microscopic analysis for fungal identification and concentration. Air sample locations are presented in **Figure 2-1**.

2.5 Window Grout PCBs Sampling

A total of 10 window grout samples, consisting of seven (7) normal samples, one (1) duplicate sample, one (1) MS, and one (1) MSD sample, were collected for PCB analysis from the two (2) Site buildings. A summary of the sample locations as well as a brief description of the sampled material is provided in **Table 2-2**. Window grout sample locations are presented in **Figure 2-1**. The window grout samples were submitted to ALS in Houston, Texas for analysis of PCBs.

Table 2-2

PCB Window Caulk Sample Summary

Sample Number	Building	Location*	Material Description
TH-WG01-01	5	Window on northeast side of building	Brown window grout surrounding the window frame
TH-WG02-01	5	Door on northeast side of building	Thick gray window putty on pane of window – Soft and pliable
TH-WG03-01	5	Window	White window grout on pane of window – Brittle and chalky
TH-WG04-01	5	Wall	Gray window grout on pane of window – Hard and intact
TH-WG05-01	6	Window	Thin grey window caulk on frame of window – Flexible material
TH-WG06-01	6	Window	Thin grey window caulk on frame of window – Flexible material
TH-WG07-01	5	Window	Silver window caulk on frame of window – Metallic/shining and pliable

* All samples were collected from exterior window grout as no grout was present on window interiors.

2.6 Surface Soil Lead Sample Collection

A total of eight (8) surface soil samples were collected from the perimeters of Buildings 5 and 6. The samples consisted of five (5) normal samples, two (2) duplicate samples, one (1) MS, and one (1) MSD sample. Surface soil sample locations are presented in **Figure 2-1**. The surface soil samples were submitted to ALS in Houston, Texas, for analysis of lead.

2.7 Naturally Occurring Radiological Materials (NORM) Survey

The radiation survey was conducted as a generalized radiological screening of the Site area. The screening utilized a Ludlum Model 3 Geiger counter coupled with a Model 44-9 pancake detector. The unit requires annual calibration and was last calibrated on September 4, 2018.

Background levels were first established for the general area by screening soils in several locations outside the south and southwest boundaries of the Site. This initial screening was performed with the lowest multiplier setting to provide the lowest level of detection. Following establishment of background levels, screening was conducted throughout the Site to determine if radiation levels were in excess of the background readings.

Screening was conducted by holding the detector at waist level and traversing the perimeter of

the Site buildings and the building's interior rooms.

The Ludlum Model 3 with a 44-9 detector is designed to read low level sources using the multiplier switch. A general area survey is directed more towards gamma (and x) radiation, with the intended purpose of assessing the potential for dose to humans who may be in proximity to the surveyed areas.

2.8 Building and Room Dimension Survey

The exterior building dimensions as well as interior room dimensions were measured during the Site investigation. The lengths and heights of interior rooms were measured with a handeld laser distance meter. The exterior widths of building walls were measured with a surveying wheel and heights were calculated by counting bricks and multiplying by individual brick height. All measurements were recorded in feet to the nearest tenth of a foot. The building and room dimension measurements are presented in **Appendix F**.

2.9 Investigation Derived Waste

Minimal Investigation Derived Waste (IDW) was generated during field activities. This included nitrile gloves worn by field personnel were considered general waste and were disposed of off-site.

2.10 Site Restoration and Demobilization

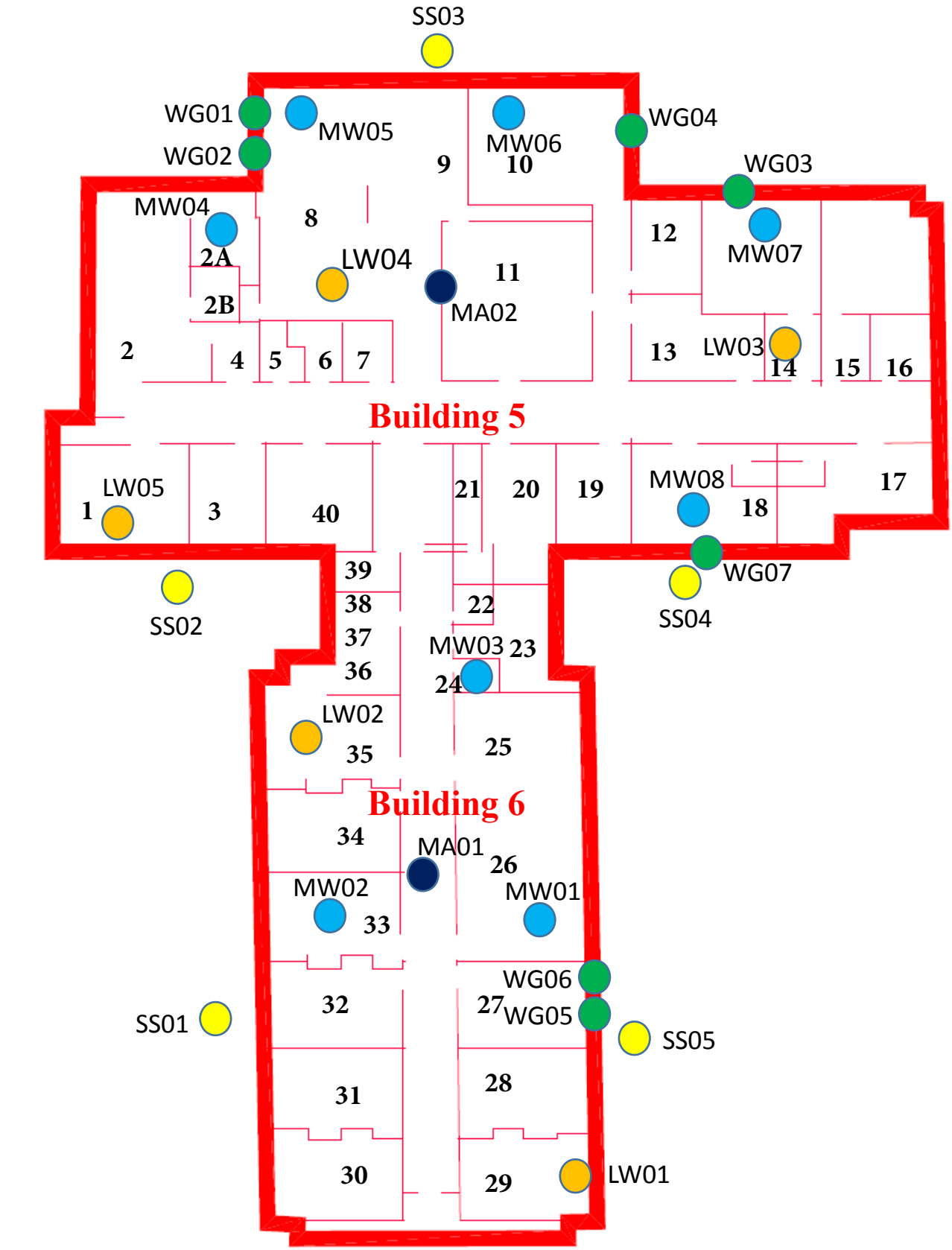
Following completion of the ESA Site activities, disturbed areas were returned to their previous Site conditions. All materials used during field activities, including general wastes (latex gloves, wire flags, paper and plastic, etc.) were removed from the Site at the completion of sample collection.

2.11 Deviations from the Quality Assurance Project Plan

There was one (1) deviation from the approved QAPP during field activities on-site.

1. During fieldwork, one (1) extra soil sample was collected from the drip line along the east side of Building 6, for lead analysis. The additional sample was collected to ensure that a representative sampling layout was employed at the Site. Including the extra soil sample, one (1) soil sample was collected from all sides of Buildings 5 and 6.

Figure 2-1 Sample Location Map



Lead Surface Wipe

Mold Surface Wipe

Window Grout

Surface Soil

Mold Air

1-40 Room Numbers

3. SAMPLING PROCEDURES AND ANALYTICAL METHODS

The following sections discuss the procedures used for collecting samples, including field documentation, quality assurance (QA)/quality control (QC), and methods used for laboratory analysis. These procedures are consistent with the Phase II ESA QAPP (ALL 2019). Analytical results are discussed in **Section 5.0**.

3.1 Sampling Procedures

The sampling procedures for each media are presented in the following sections. Samples were collected for laboratory analysis by filling the appropriate number and type of sample containers described in **Table 3-1** for each sample matrix.

Table 3-1
Sample Volume, Containerization, Preservation, and Holding Times

Matrix	Analysis Method	Containers for one sample (number, size, type)	Preservation
Surface Wipe	Lead SW-846 6020	Ghost Wipe 4 oz glass jar	Ice to 4 ± 2°C
Surface Wipe	Mold ASTM D7658	Swab and Tube	NA
Air	Mold ASTM D7391	Air-O-Cell spore trap	NA
Window Grout	PCB SW-846 8082A	4 oz glass jar	Ice to 4 ± 2°C
Surface Soil	Lead SW-846 6020	4 oz glass jar	Ice to 4 ± 2°C

3.1.1 Asbestos Inspection and Sampling

The asbestos inspection was conducted at Buildings 5 and 6 by Dean Swain of EHCI, a USEPA accredited and ODOL licensed asbestos inspector/management planner. The ODEQ has adopted EPA's National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation under Oklahoma Administrative Code 252:100, 41-15 and has been delegated authority in the State of Oklahoma for its enforcement. Section 61.145(a) of Federal USEPA regulation states that, prior to commencement of the demolition or renovation of a facility, a thorough inspection of the affected part or parts of a facility is required to determine the presence of all asbestos, including Category I and Category II non-friable, and friable ACM.

During the on-site inspection, the physical characteristics of suspect ACM were visually assessed based on homogeneous areas. Homogeneous areas are those which are considered uniform by color, texture, construction, date of application, and in general appearance. Each observed homogeneous area of suspect ACM was assigned a unique identification number, described, and then measured.

The collected samples were sent to a NVLAP accredited laboratory (QuanTEM Labs) for analysis under chain of custody protocol and analyzed using PLM in accordance with EPA Method 600R-93/116. If the presence of asbestos was confirmed, the percentage of asbestos containing material versus non-asbestos containing material was visually estimated by a combination of Polarized Light and Stereo Microscope.

For purposes of renovation and demolition, homogeneous areas of suspect asbestos containing materials can be further classified according to NESHAP rules under 40 CFR 61.Subpart M, by whether the material is friable ACM, Category I Non-friable ACM, or Category II Non-friable ACM.

> Friable ACM is defined by NESHAP rules as any material containing more than one percent (1%) asbestos as determined by PLM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.
>
> Category I Non-friable ACM is defined by NESHAP rules as any asbestos containing packings, gasket, construction mastic, resilient floor covering, or asphalt roofing product that contains more than one percent (1%) asbestos as determined by PLM.
>
> Category II Non-friable ACM is defined by NESHAP rules as any material, excluding Category I non-friable ACM, containing more than one percent (1%) asbestos as determined by PLM, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Upon conclusion of the on-site inspection, there were 40 homogeneous areas identified for sample collection and analysis from the two (2) buildings. A total of 148 samples were analyzed from the 40 homogeneous areas. The full asbestos inspection report is available in **Appendix B**.

3.1.2 Lead Based Paint Inspection and Sampling

A LBP inspection was conducted at Buildings 5 and 6 by Michael Jenkinson, an ODEQ certified LBP inspector. The inspection included X-Ray Refraction (XRF) testing of major painted surfaces throughout the Site building and one paint chip sample for every 10 XRF samples. Lead in paint above the permissible level of 1.0 milligrams per square centimeter (mg/cm^2) or 5,000 parts per million (ppm) is considered to be positive. During the Site inspection a total of 400 assays were performed with a Niton XRF model XL-300A, Serial Number 24295. A total of 30 paint chip samples were collected from the building and submitted to QuanTEM in Oklahoma City, Oklahoma for lead analysis using USEPA Method 7420, Atomic Absorption. Results of the LBP inspection are discussed in **Section 5.0. Appendix C** contains the full LBP inspection report.

3.1.3 Surface Wipe Sampling Procedures - Lead

A total of eight (8) surface wipe samples, including five (5) normal samples, one (1) duplicate sample, one (1) MS, and one (1) MSD sample, were collected from the interior spaces of Buildings 5 and 6 for lead analysis. Wipe sample locations are presented in **Figure 2-1**.

At each sampling location, a hexane saturated wipe was used to swab the area within a 100 cm^2 template to collect the surface residue. To ensure a consistent sampling technique within the template, the sampling pattern involved swabbing in a vertical direction 10 times and then in a horizontal direction 10 times. Wipe samples were placed in sealed and labeled glass containers on ice and submitted ALS for analysis by SW-846 Method 6020 for lead.

3.1.4 Surface Wipe Sampling Procedures - Mold

A total of eight (8) surface wipe samples were collected from the interior spaces of Buildings 5 and 6 for mold analysis. No QC duplicate or MS/MSD samples were required for the surface wipe mold samples. Wipe sample locations are presented in **Figure 2-1**.

At selected locations, a swab was rubbed in visible dust or suspected mold growth to collect the surface residue. Following collection, each mold swab was enclosed in a dedicated, labeled, sample tube and sealed. The mold surface wipe samples were submitted to ALS for fungal identification by Method ASTM D7658.

3.1.5 Interior Air Sampling Procedures

A total of three (3) air samples were collected from the Site including one (1) sample from the interior of Building 5, one (1) sample from the interior of Building 6, and one (1) sample from the building exterior. Air sample locations are presented in **Figure 2-1**.

Each sample was collected through the use of an Apex 2 sampling pump in series with a Zefon Air-O-Cell spore trap. Prior to sampling, both ends of the spore trap were uncovered and the trap was connected to the sampling train. The pump was set to a flow rate of 5 liters per minute and allowed to sample for 20 minutes, resulting in a total sample volume of 100 liters per sample. Upon completion, the spore traps were removed, sealed on both ends, and placed in sealed and labeled containers and submitted to ALS to be analyzed by ASTM D7391 for fungal identification and concentration.

3.1.6 Window Grout Sampling Procedures

During the sampling event, a total of ten (10) samples were collected from suspect materials, including seven (7) normal PCB bulk samples, one (1) duplicate sample, one (1) MS, and one (1) MSD sample. All samples were collected from the exterior of Buildings 5 and 6. The suspect PCB window grout sample locations are presented in **Figure 2-1**.

At each sampling location, the material of interest was removed from the present substrate through the use of a putty knife or razor blade. All samples were placed in sealed and labeled containers, wrapped in plastic bubble-wrap bags, and placed on ice in a cooler. The samples were submitted to ALS under chain of custody protocol and were analyzed by SW-846 Method 8082A for PCBs.

3.1.7 Surface Soil Sampling Procedures

A total of eight (8) surface soil samples were collected at the Site around the perimeters of Buildings 5 and 6, within the building drip lines. Sample depths ranged from 0 to 0.5 feet below ground surface and included five (5) normal samples, one (1) duplicate sample, one (1) MS and one (1) MSD sample. Surface soil sample locations are presented in **Figure 2-1**. Surface soil sample collection procedures were as follows:

- Sample labels were filled out with sample identification numbers in accordance with sample identification protocol outlined in the SOP of the Phase II ESA QAPP (ALL 2019), including sample identification, collection date and time, and requested analysis.
- The sample bottles were wrapped in plastic bubble-wrap bags, and placed on ice in a cooler to achieve and maintain a temperature of 4 degrees Centigrade (°C) during shipment to the laboratory.
- At the completion of sampling, a chain of custody was filled out for each packed cooler to identify samples and the requested analyses.
- Each cooler was sealed with packing tape and then shipped via Federal Express.

All samples were sent to ALS for analysis of lead by SW-846 Method 6020.

3.2 Analytical Methods

The analytical method SW-846 Method 8082A was used for analysis of lead in surface wipe samples and surface soil samples SW-846 Method 8082A was used for analysis of PCBs in window grout samples (USEPA 1996). The associated detection limits for the analytical constituents of these methods are listed in **Appendix D**. Mold samples were analyzed by ASTM D7658 for surface wipe samples and ASTM D7391 for air samples. Analytical results are discussed in **Section 5.0**.

3.3 Field Documentation and Sample Custody

Individual field crew members were responsible for maintaining daily field notes on surveying and sampling activities, including:

- Name and title of author, date and time of entry, and weather/environmental conditions during the field activity
- Location of sampling activity
- Name and title of field crew
- Name and title of Site visitors
- Sample media (i.e., surface soils, ambient air, wipes, etc.)
- Sample collection method
- Number and volume of sample(s) taken

- Date and time of collection
- Sample identification number(s)
- Field observations.

In addition to recording sampling information in the field notes, COC forms were completed in the field by the sampling personnel and placed inside the cooler with the respective samples and shipped to the analytical laboratory. Each unique sample number, time of collection, sample matrix, number of sample containers, requested analysis name and method number, laboratory QA/QC level, and Turn-Around-Time (TAT) was entered on the COC form prior to sealing the cooler.

Upon the completion of sampling, samples were securely packed on ice inside coolers with a completed COC form. Each cooler was then taped closed with clear packing tape. The coolers were taken to a Federal Express shipping facility in Tulsa, Oklahoma, for overnight shipment to ALS in Houston, Texas.

3.4 Data Quality

The primary objective of the field investigation was to obtain reproducible, defensible data of sufficient quality and quantity to determine if impacts are present in the investigated portions of the Site at concentrations exceeding screening criteria. A particular objective was to determine if Site conditions would pose a potential health, environmental, or safety risk for human activity. Data quality objectives, including data quality indicators for precision, accuracy, representativeness, completeness, comparability, and sensitivity were established to achieve this goal. To ensure data quality, samples were documented from collection through reporting.

3.4.1 Field Quality Control Samples

Field duplicates were collected as QC samples during the ESA. The QC samples were collected in accordance with procedures outlined in the QAPP (ALL 2019), with the exception of differences documented in **Section 2.9**.

3.4.2 Laboratory Quality Control Samples

Laboratory QC samples were used to measure the accuracy and precision of the analytical methods and to evaluate matrix interference. Laboratory QC samples included method blanks

and laboratory control samples. The Project Chemist performed a QC assessment of each data package and an overall data quality review for the project. The results of the data quality assessments, together with the complete laboratory analytical reports, are provided on compact disk, which are included as **Appendix D**.

3.4.3 Data Validation Results

Data validation was performed on all analytical results with a summary given below. In general, the analytical data produced from the collected samples are useful for their intended purpose as stated by the data quality objectives in the QAPP (ALL 2019). A complete data validation report will be presented in the final versions in **Appendix D**.

4. GEOLOGY, HYDROGEOLOGY, AND SOILS

4.1 Regional Geology

The Site is located within the Anadarko Basin geologic province of Oklahoma. The Geologic Map of Oklahoma shows that the primary geologic unit underlying the Site consists of Quaternary-Aged Terrace Deposits. This formation is composed of interbedded sand, silt, clay, gravel, and volcanic ash that was deposited by fluvial processes. The unit is unconsolidated with a thickness of up to 120 feet (ALL 2018).

4.2 Regional Hydrology

The regional surface water drainage trend of the area is to the southwest toward Deer Creek. The Site is located in a relatively flat, but slightly elevated area, gently sloping toward an eastern branch of Deer Creek approximately 1.8 miles to the southwest. The Canadian River and its tributaries are located northeast of the Site and it is suspected that regional groundwater trend is to the southeast, parallel to both Deer Creek and the Canadian River.

4.3 Site-Specific Soils

According to the United States Department of Agriculture - Natural Resources Conservation Service Soil Map, the Site consists exclusively of the Grant loam soil unit. The Grant loam is a loam derived from weathered sandstone and shale and is characterized by 0 to 3 percent slopes. This soil type is well-drained and is not typically subject to flooding or ponding (ALL 2019).

5. RESULTS AND FINDINGS

This section summarizes the analytical results for ACM, LBP, Lead, Mold, and PCB samples, as well as the NORM survey conducted at the Site on April 4, 2019. Complete copies of the analytical results, COC forms, and data validation report are contained on compact disk in **Appendix D**. Sampling results for all media are discussed in the following sections. **Appendix A** includes data tables that list every sample for which at least one constituent was detected above the Method Detection Limit (MDL), along with the relevant regulatory Limits

5.1 Asbestos

Upon conclusion of the on-site inspection, 40 homogeneous areas were identified for sample collection and analysis from the two (2) buildings, with a total of 148 samples collected and analyzed from the 40 homogeneous areas. All of the samples were collected from suspect ACM window grout, putty, or caulk on the four (4) buildings' exteriors. The suspect ACM samples were submitted to QuanTEM Labs in Oklahoma City, Oklahoma, for analysis. The asbestos inspection report is presented in **Appendix B**.

- Category I Non-Friable: Category I non-friable asbestos was documented in roll sheet flooring, vinyl floor tiles, and associated black mastic backings. Window putty and glazing was also found to be Category I non-friable asbestos located both on interior and exterior windows of both buildings.
- Category II Non-Friable: Category II non-friable asbestos was documented in the cementious overhang board material in Building 6.
- Regulated Asbestos Containing Material (RACM): Friable asbestos that was classified as RACM was documented in hard pack pipe fittings in room 15 (Building 5) and in similar pipe fittings throughout the halls of both buildings. Other RACM was documented in the seam tape on duct work in Building 6.

5.2 Lead-Based Paint Analytical Results

During the LBP inspection, a total of 400 assays were performed, and 30 paint chip samples were collected from the two (2) buildings. A complete list of all assay tests results for LBP is provided in **Appendix C**. Results are organized and shown in actual sequence by sample number. All assay tests for LBP were taken with a Niton XL-300A, Serial Number 24295. A complete list of all paint chip results for LBP is also provided in **Appendix C**. Results are organized and shown in actual sequence collected. All paint chip samples were analyzed by QuanTEM in Oklahoma City using USEPA Method 7420, Atomic Absorption.

- LBP was documented on the exterior surface of a white cabinet in a northeast room of Building 6, denoted as Room 38.
- No other LBP was documented at the Site.

5.1 Surface Wipe (Lead) Analytical Results

A total of eight (8) surface wipe samples were collected at the Site from the interior spaces of the two (2) buildings. Samples included five (5) normal samples, one (1) duplicate sample, and one (1) MS/MSD sample pair. Of the five (5) normal samples, three (3) were collected from floor surfaces and two (2) were collected from window surfaces. Each of the surface wipe samples were submitted to ALS in for analysis of lead. Sample results were reported by the lab in units of micrograms per wipe (µg/wipe) but were converted to micrograms per square foot (µg/ft^2). All results were compared to the USEPA Hazard Standards for Lead in Dust (USEPA 2001).

- Lead was detected in each of the five (5) normal samples above its MDL and results ranged from 0.285 to 1.26 µg/ft^2. None of the sample results exceeded their respective USEPA screening limit of 40 µg/ft^2 for floor surfaces and 250 µg/ft^2 for window sills.

5.2 Surface Wipe (Mold) Analytical Results

A total of eight (8) surface wipe samples were collected at the Site from the two (2) buildings. No QC duplicate or MS/MSD samples were required for the surface wipe mold samples because results are based on qualitative observations. Each of the surface wipe samples were submitted to ALS for fungal identification. Mold species results were ranked by prevalence on a scale from

0 to 5, with 0 representing no trace detected, 1 representing trace particulate material, 2 representing light particulate material, 3 representing moderate particulate material, 4 representing substantial particulate material, and 5 representing extensive particulate material.

- Cladosporium was found to be the dominant mold species and an extensive prevalence (rank 5) was found in all eight (8) of the surface wipe samples.
- Alternaria was found to have an extensive prevalence, or rank 5, in three (3) samples (TH-MW01, TH-MW02, and TH-MW07). Alterneria was also ranked 4 in TH-MW06, 3 in TH-MW05, and 2 in TH-MW08.
- Other occurrences of mold species above trace detections (rank 1) were found in in TH-MW07 and included Aspergillus/Penicillium at a rank of 4; Myxom/Rust/Smut at a rank of 2; and Ulocladium/Stemphylium at a rank of 2.
- Stachybotrys were not present in any wipe samples.

5.3 Interior Air (Mold) Analytical results

Three (3) air samples were collected from the Site including one (1) sample from the interior of Building 5, one (1) sample from the interior of Building 6, and one (1) sample from the exterior. All air samples were submitted to ALS for fungal identification and concentration. Air sample results were reported on the 0 to 5 scale and interior sample results were compared to exterior sample results to assess mold growth within the internal spaces of the two (2) buildings.

- Aspergillus/Penicillium; Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found at markedly higher indoor concentrations than outdoor concentrations. Notably, Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found in both indoor air samples but were not documented in the outdoor air sample.
- The mold species that showed a higher presence in indoor air when compared to outdoor air are considered to be actively propegating within the interior building space.

5.4 Window Grout (PCBs) Analytical Results

A total of ten (10) samples were collected from suspect window grout from the exteriors of the two (2) Site buildings. The samples included seven (7) normal PCB bulk samples, one (1) duplicate sample, one (1) MS, and one (1) MSD sample. All window grout samples were submitted to ALS for PCB analysis. Samples were considered "PCB containing" if the PCB concentration exceeded 50 parts per million (ppm) as determined by laboratory analysis. The grout material was classified as non-PCB containing if the sample had a PCB concentration of less than 50 ppm, as determined by laboratory analysis.

- One (1) normal sample was determined to contain PCBs. Sample TH-WG03 contained detectable levels of PCBs at a concentration of 830 milligrams per kilogram (mg/kg).

5.5 Surface Soil (Lead) Analytical Results

A total of eight (8) soil samples were collected including (5) normal samples, one (1) duplicate sample, and one (1) MS/MSD sample pair. Samples were collected from the building perimeter within the drip line. All surface soil samples were submitted to ALS for analysis of lead.

- Lead was detected in each of the five (5) normal samples above its MDL and results ranged from 12.8 to 35.1 mg/kg.
- None of the surface soil samples exceeded the USEPA residential screening limit of 400 mg/kg.

5.6 NORM Survey Results

The NORM survey was conducted throughout the Site Area. Background readings were established and typically ranged from 50 to 150 counts per minute (CPM), with occasional spikes up to 200 CPM.

Following establishment of background levels, screening was conducted throughout the Site to determine if radiation levels were in excess of the background readings. Readings during the screening survey remained within the range of measured background radiation.

6. SUMMARY

The following summarizes the findings of this investigation:

On April 4, 2019, Phase II ESA field sampling activities were conducted on the Thomas Hospital TBA Site. The Site consists of the two (2) main hospital buildings (Referred to as Buildings 5 and 6) in Thomas, Oklahoma. Building 5 was constructed in the early 1950s and Building 6 was constructed in 1961. The buildings are currently vacant.

Field activities for this Phase II ESA included an asbestos and LBP survey; collection of dust wipes for lead and mold analysis; collection of surface soil for lead analysis; collection of air samples for mold analysis; a NORM survey; and collection of window grout samples for PCB analysis.

6.1 Summary of Analytical Results

The following is a summary based upon the findings of this investigation:

ASBESTOS SAMPLES

- The Site inspection identified 40 homogeneous areas, from which 148 samples were collected. Asbestos was identified above the USEPA threshold of one percent (1%) in the sampled material the form of Category I Non-Friable, Category II Non-Friable, and RACM.
- Category I Non-Friable asbestos material was found in approximately 10,730 ft^2 of roll sheet flooring, vinyl floor tiles, and associated black mastic backings. This material was also documented in the window putty and glazing located both on interior and exterior windows of both buildings.
- Category II Non-Friable asbestos material was found in approximately 360 square feet of cementious overhang board material in Building 6.
- RACM was found in approximately 50 hard pack fittings on the fiberglass pipe insulation located in Building 5 and in the hallway of Building 6. RACM was also documented in approximately 150 linear feet of asbestos seam tape on fiberglass wrapped duct work in Building 6.

LBP SAMPLES

- During the LBP inspection, a total of 400 assays were performed, and 30 paint chip samples were collected.
- LBP was documented on the exterior surface of a white cabinet in a northeast room of Building 6. No other LBP was documented at the Site.

SURFACE WIPE – LEAD SAMPLES

- A total of eight (8) surface wipe samples were collected and included five (5) normal samples, one (1) duplicate sample, and one (1) MS/MSD sample pair
- Lead was detected in each of the five (5) normal samples above the MDL, with results ranging from 0.285 to 1.26 µg/ft². However, none of the sample results exceeded their respective screening limit of 40 µg/ft² for floor surfaces and 250 µg/ft² for window sills.

MOLD SAMPLES

Surface Wipe Samples

- A total of eight (8) surface wipe samples were collected at the Site from the two (2) buildings.
- Cladosporium was found to be the dominant mold species and was found with an extensive prevalence in all eight (8) of the surface wipe samples. Alternaria was found to have an extensive prevalence in samples TH-MW01, TH-MW02, and TH-MW07. Alterneria was detected at lower levels in TH-MW06, TH-MW05, and TH-MW08.
- Other mold species which exceeded trace detections were found in in TH-MW07 and included Aspergillus/Penicillium; Myxom/Rust/Smut; and Ulocladium/ Stemphylium.

Air Samples

- Three (3) air samples were collected from the Site including one (1) sample from the interior of Building 5, one (1) sample from the interior of Building 6, and one (1) sample from the building exterior.
- Aspergillus/Penicillium; Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found at notably higher indoor concentrations than outdoor concentrations. It is noted that

Myxom/Rust/Smut; Nigrospora; and Stachybotrys were found in both indoor air samples but were not documented in the outdoor air sample.

- These mold species which showed a higher presence in indoor air than outdoor air are considered to be actively propegating within the interior building space.

WINDOW GROUT – PCB SAMPLES

- A total of ten (10) window grout samples were collected and included seven (7) normal samples, one (1) duplicate sample, and one (1) MS/MSD sample pair
- One (1) normal sample was determined to contain PCBs. Sample TH-WG03 contained detectable levels of PCBs at a concentration of 830 milligrams per kilogram (mg/kg).

SURFACE SOIL – LEAD SAMPLES

- A total of eight (8) surface soil samples were collected and included five (5) normal samples, one (1) duplicate sample, and one (1) MS/MSD sample pair
- Lead was detected in each of the five (5) normal samples above its MDL and results ranged from 12.8 to 35.1 mg/kg. None of the surface soil samples exceeded their respective screening limit of 400 mg/kg.

NORM

- Survey readings remained within the range of established background radiation of 50 – 200 CPM.

7. REFERENCES

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USEPA 2012. *Polychlorinated Biphenlys (PCBs) in School Buildings: Sources, Environmental Levels, and Exposures.* EPA/600/R-12/051. September 30, 2012.

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Appendix A

Analytical Detections List

Thomas Hospital - Phase II ESA
Lead Wipe Samples
Analytical Detections

Method	Parameter	Units	Result	Qal	Limit
TH-LW01-01					
Metals	Lead	µg/ft²	0.406		250
TH-LW02-01					
Metals	Lead	µg/ft²	0.541		40
TH-LW03-01					
Metals	Lead	µg/ft²	0.285		40
TH-LW04-01					
Metals	Lead	µg/ft²	1.26		40
TH-LW05-01					
Metals	Lead	µg/ft²	0.356		250
TH-LWDup-01					
Metals	Lead	µg/ft²	0.281		40

Notes and Abbreviations:

Source: Dust Lead Hazard Levels by Wipe Sampling 40 CFR 745.65(b) - 250 µg/ft² for window sill samples and 40 µg/ft² for floor samples

Note: Results converted to µg/ft² from µg/wipe

Bolded *and yellow shaded area exceed screening levels*

µg/wipe - micrograms per wipe

Qal - Validation qualifier assigned by project chemist - reason code definitions provided in the validation reports

Thomas Hospital - Phase II ESA
Window Grout Samples
Analytical Detections

Method	Parameter	Units	Result	Qal	Limit
TH-WG01-01					
PCBs	Aroclor 1254	mg/kg	3.8		50
TH-WG03-01					
PCBs	Aroclor 1254	mg/kg	**830**		50
TH-WG07-01					
PCBs	Aroclor 1254	mg/kg	40		50
TH-WGDup-01					
PCBs	Aroclor 1254	mg/kg	**230**		50

Notes and Abbreviations:

Source: U.S. Environmental Protection Agency TSCA, 1976

Bolded *and yellow shaded area exceed screening levels*

mg/kg- milligrams per kilogram

Qal - Validation qualifier assigned by project chemist - reason code definitions provided in the validation reports

Thomas Hospital - Phase II ESA
Surface Soil Samples
Analytical Detections

Method	Parameter	Units	Result	Qal	Limit
TH-SS01-01					
Metals	Lead	mg/kg	12.8		400
TH-SS02-01					
Metals	Lead	mg/kg	18.2		400
TH-SS03-01					
Metals	Lead	mg/kg	35.1		400
TH-SS04-01					
Metals	Lead	mg/kg	29.5		400
TH-SS05-01					
Metals	Lead	mg/kg	16.1		400
TH-SSDup-01					
Metals	Lead	mg/kg	25.1		400

Notes and Abbreviations:

Source: U.S. Environmental Protection Agency, Residential Soil Screening Levels, November 2018

Bolded *and yellow shaded area exceed screening levels*

mg/kg - milligrams per kilogram

Qal - Validation qualifier assigned by project chemist - reason code definitions provided in the validation reports

Appendix B

Asbestos Report

Asbestos Summary

Dean Swain, an EPA accredited and Oklahoma Department of Labor (ODOL) licensed asbestos inspector/management planner, completed the inspection on April 4, 2018.

The site to be investigated is the vacant Thomas Hospital and nursing facility to include only the north building (building #5) and the south building (building #6). Building #5 was constructed in 1950 and building #6 in 1961. Both buildings consist of exterior brick, concrete, and wood with metal doors and windows, and rubber membrane roof. The interiors are primarily composed of plaster, CMU, and drywall walls and ceilings with wood and metal doors. The floors are mostly vinyl floor tile, roll sheet flooring, ceramic, and some bare concrete. The observed piping was fiberglass wrapped with s few areas of hard pack fittings. The observed ductwork was fiberglass wrapped with white seam tape, uninsulated metal rigid duct, and fiberglass flex duct.

The Oklahoma Department of Environmental Quality (ODEQ) has adopted EPA's National Emissions of Hazardous Air Pollutants (NESHAP) regulation under OAC 252:100, 41-15 and has been delegated authority in the state of Oklahoma for its enforcement. Section 61.145(a) of Federal EPA regulation states that prior to commencement of the demolition or renovation of a facility, a thorough inspection of the affected part or parts of a facility is required to determine the presence of all asbestos, including Category I and Category II non-friable, and friable Asbestos Containing Material (ACM). Therefore, the objective of this project was to perform an asbestos survey to determine the presence of all asbestos containing material from within the subject site for NESHAP compliance as well as Worker Protection.

Upon conclusion of the on-site inspection, there were forty (40) homogeneous areas identified for sample collection and analysis from the site. The collected samples were sent to a NVLAP laboratory for analysis under chain of custody protocol. A total of 148 samples were analyzed from the 40 homogeneous areas within this complex.

Upon completion of the on-site inspection and review of laboratory results, the following asbestos containing materials were identified above the EPA threshold of one percent (1%):

Category I non-friable materials

The following Category I non-friable materials were identified from the inspection process and are currently classified as Category I non-friable materials:

Building #5 and Building #6

- Approximately 10730 square feet of asbestos containing roll sheet flooring, vinyl floor tiles, and associated black mastic backings located in all rooms except Room 5, 12, 14 entryway, 15, 16, 22, 23, 24, and 36.
- Window putty and glazing located both on interior and exterior windows of both buildings

Category II non-friable materials

The following Category II non-friable materials were identified during the inspection process:

- Approximately 360 square feet if cementious overhang board material on Building #6.

Regulated Asbestos Containing Materials (RACM)

The following regulated asbestos containing materials were identified during the inspection process:

- Approximately 50 hard pack fittings on fiberglass pipe insulation located in room 15 and then above ceiling tiles outside room 15 and up and down hallway of building #6.
- Approximately 150 linear feet of asbestos seam tape on fiberglass wrapped duct work above ceiling tiles of north/south hallway of building #6. In order to remove said material abatement contractor would have to remove the entire associated fiberglass wrap along with seam tape which amounts to approximately 1200 square feet.

Management of asbestos

Asbestos is not always an immediate hazard. In fact, if asbestos can be maintained in good condition, it is recommended that it be left alone and periodic surveillance performed to monitor its condition. It is only when asbestos containing materials are disturbed for demolition or renovation purposes or the materials become damaged that it becomes a hazard. When the materials become damaged, the fibers separate and may then become airborne and exceed the Federal OSHA Permissible Exposure Limit of 0.1 fiber/cubic centimeter of air or the State of Oklahoma Permissible Exposure Limit of 0.01 fibers/cubic centimeter of air.

In the asbestos industry, the term 'friable' is used to describe asbestos that can be reduced to dust by hand pressure. 'Non-friable' means asbestos that is too hard to be reduced to dust by hand. Non-friable materials, such as Transite siding and floor tiles are not regulated by the State of Oklahoma provided it does not become friable or can be classified as RACM. Machine grinding, sanding and dry-buffing are ways of causing non-friable materials to become RACM.

In addition, there are no federal, state, or local laws that say asbestos has to be removed. It is only when the material can no longer be maintained in good condition and/or the airborne concentrations of asbestos are measured to be too high (above the Federal or State PEL), or when the building is to be demolished or renovated, that removal may become the only option.

In the State of Oklahoma, friable and RACM may only be removed by Licensed Asbestos Abatement Contractors, utilizing Licensed Workers and Supervisors. Oklahoma has always been one of the most stringent states in regulating the removal of asbestos containing materials and all projects are inspected by inspectors from the Oklahoma Department of Labor, Asbestos Division a minimum of three times.

All other non-friable materials that are not RACM can only be repaired, removed, or disturbed by workers who have had a minimum of 8-hours of OSHA Class II asbestos training and conducted under competent person supervision as stated in 29 CFR 1926.1101 (i.e. an EPA accredited asbestos supervisor level trained person).

List of Appendices

Appendix A	Figures and Site Plans
Appendix B	Summary Data Chart
Appendix C	Site Photographs
Appendix D	License Certificates
Appendix E	Assessment Data Sheets/Chain of Custody Report and Lab Results

Acronyms

ACM	Asbestos Containing Material
AHERA	Asbestos Hazard Emergency Response Act
EHCI	Environmental Hazard Control, Inc.
ODEQ	Oklahoma Department of Environmental Quality
ODOL	Oklahoma Department of Labor
OSHA	Occupational Safety and Health Administration
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NVLAP	National Voluntary Laboratory Accreditation Program
PACM	Presumed Asbestos Containing Materials
PLM	Polarized Light Microscopy
RACM	Regulated Asbestos Containing Material
SACM	Suspect asbestos-containing materials
TSI	Thermal system insulation
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency

1. Introduction

The U.S. Army Corps of Engineers (USACE), Tulsa District, contracted ALL Consulting under Contract No. W912BV-15-D-0017, Task Order No. W912BV18F0196, to conduct a representative asbestos survey of the north building (building #5) and south building (building #6) of the Thomas Hospital/Nursing complex, in the city of Thomas, state of Oklahoma. The subject site consists of 2 buildings within this complex. ALL Consulting subcontracted the onsite asbestos survey to Environmental Hazard Control, Inc.

This Representative Asbestos Survey Report summarizes the asbestos survey conducted April 4, 2019 of the subject site. This report has been prepared by a U.S. Environmental Protection Agency (USEPA) accredited and Oklahoma Department of Labor (ODOL) licensed asbestos inspector/management planner.

1.1 Site Location

The Thomas Hospital complex is located on the southeast corner of East Broadway and 2nd Street; with the physical address of 100 South 2nd Street, in the city of Thomas, state of Oklahoma, Custer County.

1.2 Site Description

The site to be investigated is the vacant Thomas Hospital and nursing facility to include only the north building (building #5) and the south building (building #6). Building #5 was constructed in 1950 and building #6 in 1961. Both buildings consist of exterior brick, concrete, and wood with metal doors and windows and rubber membrane. The interiors are primarily composed of plaster, CMU, and drywall walls and ceilings with wood and metal doors. The floors are mostly vinyl floor tile, roll sheet flooring, ceramic, and some bare concrete. The observed piping was fiberglass wrapped with s few areas of hard pack fittings. The observed ductwork was fiberglass wrapped with white seam tape, uninsulated metal rigid duct, and fiberglass flex duct.

1.3 Objective

The Oklahoma Department of Environmental Quality (ODEQ) has adopted EPA's National Emissions of Hazardous Air Pollutants (NESHAP) regulation under OAC 252:100, 41-15 and has been delegated authority in the state of Oklahoma for its enforcement. Section 61.145(a) of Federal EPA regulation states that prior to commencement of the demolition or renovation of a facility, a thorough inspection of the affected part or parts of a facility is required to determine the presence of all asbestos, including Category I and Category II non-friable, and friable Asbestos Containing Material (ACM). Therefore, the objective of this project was to perform an asbestos survey to determine the presence of all asbestos containing material from within the subject site for NESHAP compliance as well as Worker Protection.

The sampling protocol used for collection of these samples was in accordance with rules set forth in EPA Asbestos Hazard Emergency Response Act (AHERA) legislation under 40 CFR 763.86.

2. Inspection

Dean Swain, an EPA accredited and Oklahoma Department of Labor (ODOL) licensed asbestos inspector/management completed the inspection on April 4, 2019. Copies of licensing certificates are available in **Appendix 'D'**.

During the on-site inspection, the physical characteristics of suspect asbestos-containing materials (SACM) were visually assessed based on homogeneous areas. Homogeneous areas are areas uniform by color, texture, construction, date of application, and in general appearance. Each observed homogeneous area of suspect ACM was assigned a unique identification number, described, and then measured.

For purposes of renovation and demolition, homogeneous areas of suspect asbestos-containing materials can be further classified according to NESHAP rules under 40 CFR 61.Subpart M, by whether the material is friable ACM, Category I Non-friable ACM, or Category II Non-friable ACM.

Friable ACM is defined by NESHAP rules as any material containing more than one percent (1%) asbestos as determined by Polarized Light Microscopy that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure.

Category I Non-friable ACM is defined by NESHAP rules as any asbestos-containing packings, gasket, construction mastic, resilient floor covering or asphalt roofing product that contains more than one percent (1%) asbestos as determined by Polarized Light Microscopy.

Category II Non-friable ACM is defined by NESHAP rules as any material, excluding Category I non-friable ACM, containing more than one percent (1%) asbestos as determined by Polarized Light Microscopy, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

2.1 Bulk Sample Collection

Upon conclusion of the on-site inspection, there were 40 (40) homogeneous areas identified for sample collection and analysis from building #5 and #6. Site maps showing sample and homogeneous area locations are available in **Appendix 'A'.** Copies of all the site photographs can be found in **Appendix 'C'**. A copy of the inspector's chain of custody reports and assessment data sheets are available in **Appendix 'E'.**

In order to protect building occupants and the inspectors, the following sample collection protocol was used:

- Wear appropriate PPE (site conditions will dictate whether inspectors need to wear half mask air purifying respirators and protective suits).
- Label containers with unique ID number. Use rigid containers if shipping, if not ziploc bags.

- Mark location of sample on floor plan and record sample number on chain of custody. Perform physical assessment of material on data sheet. Take pictures.
- Spray area with water, if necessary.
- Extract sample using a clean knife, cork borer, or other similar device. Be sure to penetrate all layers.
- Place sample in container and tightly seal it.
- Wipe exterior of the container with wet wipe.
- Clean your hands and tools with wet wipes and wet mop floor or HEPA vacuum if necessary.
- Fill sample hole with caulking compound on friable materials and/or spray with an encapsulant.
- Repeat step above at each sample location.
- Discard protective clothing, wet wipes, and rags, cartridge filters, and drop cloths in a labeled disposal bag.

The inspection and assessment was based on the following terms:

- Homogeneous areas are areas that are uniform by color, texture, construction/application date, and general appearance.
- Functional space: Room use or area use.

The following was used to describe the current Condition Assessment:

- Significantly damaged: Material damaged, blistered, deteriorated, water stained over at least one tenth (10%) of its total area.
- Damaged: Material is damaged, blistered, deteriorated, water stained less than one tenth (10%) of its total area.
- Good: No visible damaged or deterioration.

The number of samples collected per homogeneous area was determined using the AHERA protocol in 40 CFR 763.86 as follows:

Surfacing materials - material that is sprayed or troweled on wall, ceilings, or support columns for fireproofing, acoustical, or even decorative purpose.

- Less than 1000 ft^2 = Minimum 3
- From 1000-5000 ft2 = Minimum 5
- Greater than 5000 ft^2 = Minimum 7

TSI Materials - thermal system insulation (TSI) materials applied to tanks, boiler, pipes or other structural component for an insulating purpose.

- May omit areas of obvious fibrous glass, foam glass, rubber, and styrofoam from sampling. Areas that have mastic on seams, suspect out jacketing, or hard pack fittings will be sampled.
- At least three samples must be collected from each homogeneous area of TSI, plus an additional sample from each patched area of less than 6 linear feet.
- Fittings require a sufficient amount to determine positive or negative nature.
- Pull samples from damaged areas first, then exposed ends or areas missing jacketing.

Miscellaneous Materials - all other materials that are not TSI or surfacing materials.

- May assume and document as such.
- A sufficient amount of samples to determine negative or positive nature.
- Collect samples from inconspicuous locations.
- Materials such as cementious asbestos exhaust flues or vibration dampening cloths should not be sampled because it will degrade the integrity of the materials. These materials will be assumed asbestos containing materials and documented.

The personal protective equipment used was based on jobsite hazards. A list of possible personal protective equipment worn is as follows:

- Half mask or full-face air-purifying respirator.
- Safety Eye glasses.
- Disposable clothing.
- Hearing protection.
- Hard hats.
- Gloves
- Boots
- Fall protection

2.2 Bulk Sample Analysis

Samples were collected from each homogeneous area according to the protocol listed above and in 40 CFR 763 Appendix E and sent under chain-of-custody to Quantem Laboratories, a National Voluntary Laboratory Accreditation Program (NVLAP) laboratory, for analysis. All samples were analyzed using Polarized Light Microscopy (PLM) in accordance with EPA Method 600R-93/116. If the presence of asbestos was confirmed, the percentage of asbestos containing material versus non-asbestos containing material was visually estimated by a combination of Polarized Light and Stereo Microscope.

Upon conclusion of the on-site inspection, there were forty (40) homogeneous areas identified for sample collection and analysis from building #5 and #6. The collected samples were sent to a NVLAP laboratory for analysis under chain of custody protocol. A total of 148 samples were analyzed from the 40 homogeneous areas within this complex.

Please see **Appendix 'E'** for a copy of complete laboratory results and **Appendix 'B'** for a summary chart and NESHAP classification of positive areas.

3. Conclusions

Upon completion of the on-site inspection and review of laboratory results, the following asbestos containing materials were identified above the EPA threshold of one percent (1%) as determined by Polarized Light Microscopy:

Category I non-friable materials

The following Category I non-friable materials were identified from the inspection process and are currently classified as Category I non-friable materials:

Building #5 and Building #6

- Approximately 10730 square feet of asbestos containing roll sheet flooring, vinyl floor tiles, and associated black mastic backings located in all rooms except Room 5, 12, 14 entryway, 15, 16, 22, 23, 24, and 36.
- Window putty and glazing located both on interior and exterior windows of both buildings

Category II non-friable materials

The following Category II non-friable materials were identified during the inspection process:

- Approximately 360 square feet if cementious overhang board material on Building #6.

Regulated Asbestos Containing Materials (RACM)

The following regulated asbestos containing materials were identified during the inspection process:

- Approximately 50 hard pack fittings on fiberglass pipe insulation located in room 15 and then above ceiling tiles outside room 15 and up and down hallway of building #6.
- Approximately 150 linear feet of asbestos seam tape on fiberglass wrapped duct work above ceiling tiles of north/south hallway of building #6. In order to remove said material abatement contractor would have to remove the entire associated fiberglass wrap along with seam tape which amounts to approximately 1200 square feet.

Management of asbestos

Asbestos is not always an immediate hazard. In fact, if asbestos can be maintained in good condition, it is recommended that it be left alone and periodic surveillance performed to monitor its condition. It is only when asbestos containing materials are disturbed for demolition or renovation purposes or the materials become damaged that it becomes a hazard. When the materials become damaged, the fibers separate and may then become airborne and exceed the Federal OSHA Permissible Exposure Limit of 0.1 fiber/cubic centimeter of air or the State of Oklahoma Permissible Exposure Limit of 0.01 fibers/cubic centimeter of air.

In the asbestos industry, the term 'friable' is used to describe asbestos that can be reduced to dust by hand pressure. 'Non-friable' means asbestos that is too hard to be reduced to dust by hand. Non-friable materials, such as Transite siding and floor tiles are not regulated by the State of Oklahoma provided it does not become friable or can be classified as RACM. Machine grinding, sanding and dry-buffing are ways of causing non-friable materials to become RACM.

In addition, there are no federal, state, or local laws that say asbestos has to be removed. It is only when the material can no longer be maintained in good condition and/or the airborne concentrations of asbestos are measured to be too high (above the Federal or State PEL), or when the building is to be demolished or renovated, that removal may become the only option.

In the State of Oklahoma, friable and RACM may only be removed by Licensed Asbestos Abatement Contractors, utilizing Licensed Workers and Supervisors. Oklahoma has always been one of the most stringent states in regulating the removal of asbestos containing materials and all projects are inspected by inspectors from the Oklahoma Department of Labor, Asbestos Division a minimum of three times.

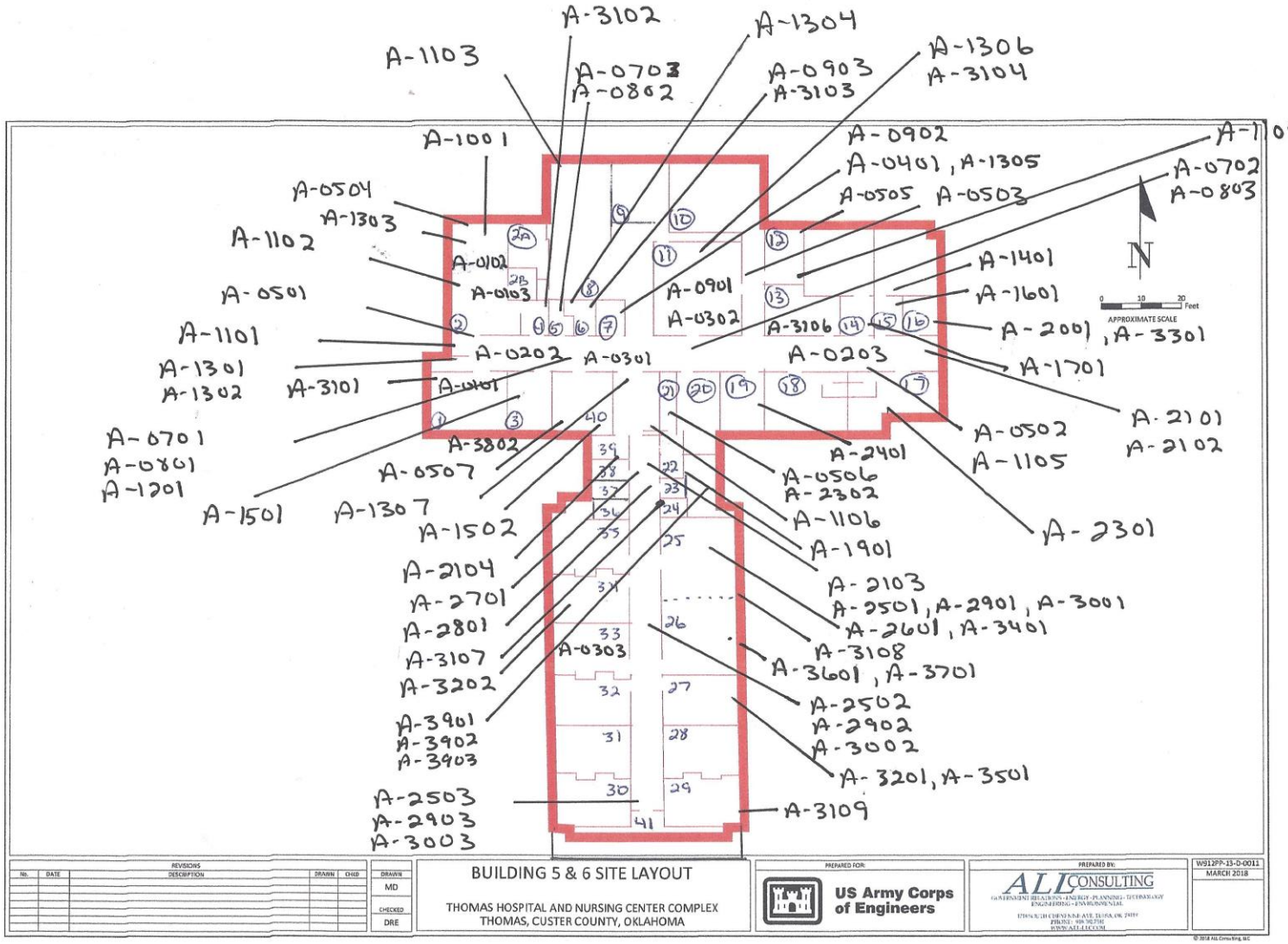
All other non-friable materials that are not RACM can only be repaired, removed, or disturbed by workers who have had a minimum of 8-hours of OSHA Class II asbestos training and conducted under competent person supervision as stated in 29 CFR 1926.1101 (i.e. an EPA accredited asbestos supervisor level trained person).

4. Exclusions

ALL Consulting and Environmental Hazard Control, Inc. performance was in keeping with the standard of care common for such NESHAP inspections, but the report shall not constitute a warranty against losses or costs associated with unidentified ACM at any surveyed site due to lack of access or sample constraint. It should be recognized that the potential exists for ACM to be present in areas obstructed from view or inaccessible areas, such as areas behind 'hard' walls or ceilings, buried underground, or areas within highly discretionary spaces that could not be identified without implementing a more destructive sampling technique or putting the inspector in undue danger. This survey was limited to visible and accessible areas only.

APPENDIX A

FIGURES AND SITE PLANS



REVISIONS					DRAWN	MD
No.	DATE	DESCRIPTION	DRAWN	CHKD	CHECKED	DRE

BUILDING 5 & 6 SITE LAYOUT

THOMAS HOSPITAL AND NURSING CENTER COMPLEX
THOMAS, CUSTER COUNTY, OKLAHOMA

PREPARED FOR: US Army Corps of Engineers

PREPARED BY: ALI CONSULTING
GOVERNMENT RELATIONS - ENERGY - PLANNING - TECHNOLOGY
ENGINEERING - ENVIRONMENTAL
1710 SOUTH CHEYENNE AVE, TULSA, OK 74119
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W912PP-13-D-0011
MARCH 2018

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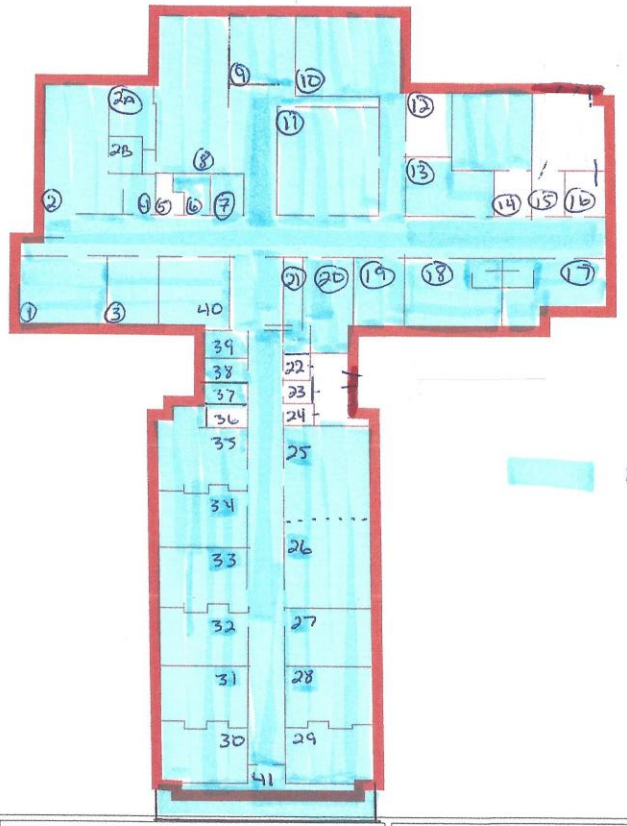

N

0 10 20 Feet

APPROXIMATE SCALE

ACM FLOORING

REVISIONS				
No.	DATE	DESCRIPTION	DRAWN	CHKD

DRAWN: MD

CHECKED: DRE

BUILDING 5 & 6 SITE LAYOUT

THOMAS HOSPITAL AND NURSING CENTER COMPLEX
THOMAS, CUSTER COUNTY, OKLAHOMA

PREPARED FOR:

US Army Corps of Engineers

PREPARED BY:

ALI CONSULTING

GOVERNMENT RELATIONS · ENERGY · PLANNING · TECHNOLOGY
ENGINEERING · ENVIRONMENTAL

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MARCH 2018

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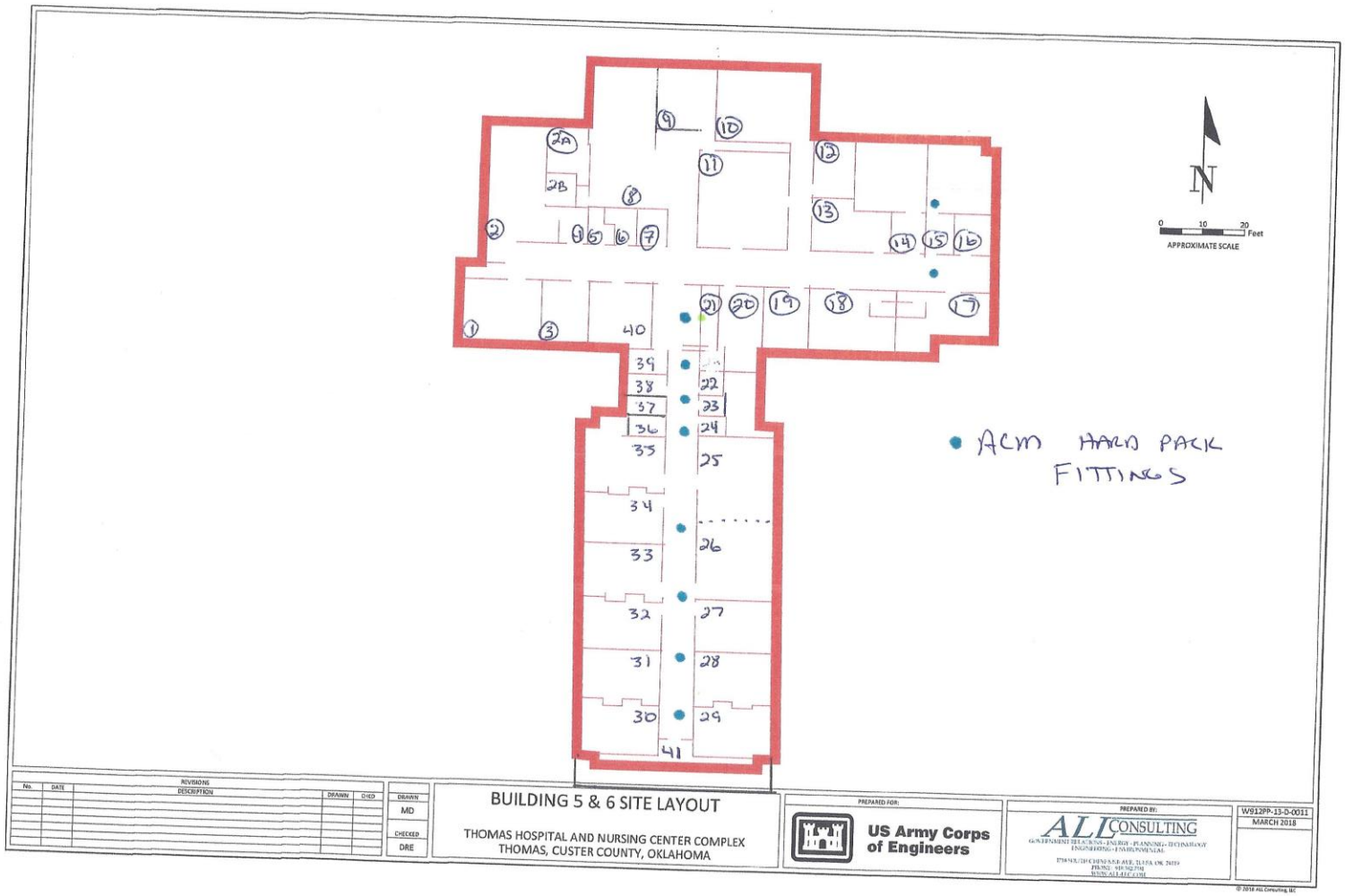
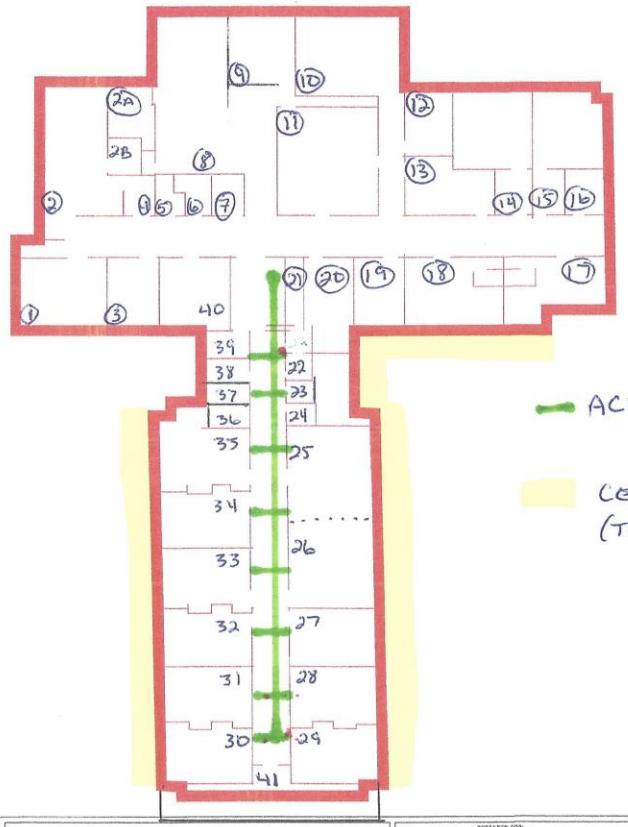

N
0 10 20 Feet
APPROXIMATE SCALE
• ACM HARD PACK FITTINGS
BUILDING 5 & 6 SITE LAYOUT
THOMAS HOSPITAL AND NURSING CENTER COMPLEX
THOMAS, CUSTER COUNTY, OKLAHOMA
US Army Corps of Engineers
ALI CONSULTING
W912PP-13-D-0011
MARCH 2018



N

0 10 20 Feet

APPROXIMATE SCALE

ACM DUCT TAPE

CEMENTIOUS ASBESTOS (TRANSITE) OVERHANGS

REVISIONS				
No.	DATE	DESCRIPTION	DRAWN	CHKD

DRAWN: MD

CHECKED: DRE

BUILDING 5 & 6 SITE LAYOUT

THOMAS HOSPITAL AND NURSING CENTER COMPLEX
THOMAS, CUSTER COUNTY, OKLAHOMA

PREPARED FOR:

US Army Corps of Engineers

PREPARED BY:

ALI CONSULTING

GOVERNMENT RELATIONS · ENERGY · PLANNING · TECHNOLOGY
ENGINEERING · ENVIRONMENTAL

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W912PP-13-D-0011
MARCH 2018

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APPENDIX B

SUMMARY DATA CHART

Table 1. Summary of Asbestos Results

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
A-0101	**Brown 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 1**	**8% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 1**	**5% Chrysotile**		**Cat. I**
A-0201	**Tan roll sheet flooring**	**Non**	**Damaged**	**Room 2**	**20% Chrysotile**		**Cat. I**
A-0202	**Tan roll sheet flooring**	**Non**	**Damaged**	**West, E/W main hallway**	**20% Chrysotile**		**Cat. I**
A-0102	**Brown 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 2A**	**8% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 1**	**5% Chrysotile**		**Cat. I**
A-0203	**Tan roll sheet flooring**	**Non**	**Damaged**	**East, E/W main hallway**	**20% Chrysotile**		**Cat. I**
A-0103	**Brown 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 2B under RSF**	**8% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 1**	**5% Chrysotile**		**Cat. I**
A-0301	Brown kickboard glue	Non	Good	West, E/W main hallway	None Detected	N/A	N/A
A-0302	Brown kickboard glue	Non	Good	Room 11	None Detected	N/A	N/A
A-0303	Brown kickboard glue	Non	Good	Room 33	None Detected	N/A	N/A
A-0401	**Tan roll sheet flooring**	**Non**	**Damaged**	**Room 7**	**20% Chrysotile**		**Cat. I**
Layered	**Tan vinyl floor tile**	**Non**	**Damaged**	**Room 7 under RSF**	**8% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 7**	**3% Chrysotile**		**Cat. I**
A-0501	Sheetrock wall skim coat	Yes	Damaged	West, E/W main hallway	None Detected	N/A	N/A
Layered	Sheetrock	Non	Damaged	West, E/W main hallway	None Detected	N/A	N/A
A-0502	Sheetrock wall skim coat	Yes	Damaged	East, E/W main hallway	None Detected	N/A	N/A
Layered	Sheetrock	Non	Damaged	East, E/W main hallway	None Detected	N/A	N/A
A-0503	Sheetrock wall skim coat	Yes	Damaged	N/S hallway	None Detected	N/A	N/A
A-0504	Sheetrock wall skim coat	Yes	Damaged	Room 2	None Detected	N/A	N/A
A-0505	Sheetrock wall skim coat	Yes	Damaged	Room 12	None Detected	N/A	N/A

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
A-0506	Sheetrock wall skim coat	Yes	Damaged	Room 21	None Detected	N/A	N/A
A-0507	Sheetrock wall skim coat	Yes	Damaged	Room 40	None Detected	N/A	N/A
A-0601	Fiberglass pipe, northern most pipe	Yes	Damaged	Above ceiling tiles, West, E/W main hallway	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Above ceiling tiles, West, E/W main hallway	None Detected	N/A	N/A
A-0602	Fiberglass pipe, northern most pipe	Yes	Damaged	Above ceiling tiles, East, E/W main hallway	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Above ceiling tiles, East, E/W main hallway	None Detected	N/A	N/A
A-0603	Fiberglass pipe, east pipe	Yes	Damaged	Room 5	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Room 5	None Detected	N/A	N/A
A-0701	Fiberglass pipe, south pipe	Yes	Damaged	Above ceiling tiles, West, E/W main hallway	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Above ceiling tiles, West, E/W main hallway	None Detected	N/A	N/A
A-0702	Fiberglass pipe, west pipe	Yes	Damaged	Room 5	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Room	None Detected	N/A	N/A
A-0703	Fiberglass pipe, south pipe	Yes	Damaged	Above ceiling tiles, East, E/W main hallway	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Above ceiling tiles, East, E/W main hallway	None Detected	N/A	N/A
A-0801	Fiberglass hot water tank insulation	Yes	Damaged	Room 5 hot water tank body	None Detected	N/A	N/A
Layered	Silver facing wrap	Non	Damaged	Room 5 hot water tank body	None Detected	N/A	N/A
A-0802	Fiberglass hot water tank insulation	Yes	Damaged	Room 5 hot water tank body	None Detected	N/A	N/A
A-0803	Fiberglass hot water tank insulation	Yes	Damaged	Room 5 hot water tank body	None Detected	N/A	N/A
A-0901	Fiberglass duct board	Yes	Damaged	Room 11	None Detected	N/A	N/A
Layered	Silver facing wrap	Yes	Damaged	Room 11	None Detected	N/A	N/A
A-0902	Fiberglass duct board	Yes	Damaged	Room 7	None Detected	N/A	N/A
Layered	Silver facing wrap	Yes	Damaged	Room 7	None Detected	N/A	N/A

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
A-0903	Fiberglass duct board	Yes	Damaged	Room 6	None Detected	N/A	N/A
A-1001	Ceramic tile ceilings	Non	Damaged	Room 2	None Detected	N/A	N/A
A-1101	Joint wall compound	Yes	Damaged	West, E/W main hallway	None Detected	N/A	N/A
A-1102	Joint wall compound	Yes	Damaged	Room 2	None Detected	N/A	N/A
A-1103	Joint wall compound	Yes	Damaged	Room 8	None Detected	N/A	N/A
A-1104	Joint wall compound	Yes	Damaged	Room 12	None Detected	N/A	N/A
A-1105	Joint wall compound	Yes	Damaged	East, E/W main Hallway	None Detected	N/A	N/A
A-1106	Joint wall compound	Yes	Damaged	Central hallway, south	None Detected	N/A	N/A
A-1201	Pipe sealant (fire stop)	Non	Good	West, E/W main hallway, fire wall	None Detected	N/A	N/A
A-1301	White 2'x4' ceiling tiles	Yes	Damaged	West hallway	None Detected	N/A	N/A
A-1302	White 2'x4' ceiling tiles	Yes	Damaged	West hallway	None Detected	N/A	N/A
A-1303	White 2'x4' ceiling tiles	Yes	Damaged	Room 2	None Detected	N/A	N/A
A-1304	White 2'x4' ceiling tiles	Yes	Damaged	Room 6	None Detected	N/A	N/A
A-1305	White 2'x4' ceiling tiles	Yes	Damaged	Room 7	None Detected	N/A	N/A
A-1306	White 2'x4' ceiling tiles	Yes	Damaged	Room 11	None Detected	N/A	N/A
A-1307	White 2'x4' ceiling tiles	Yes	Damaged	N/S hallway	None Detected	N/A	N/A
A-1308	White 2'x4' ceiling tiles	Yes	Damaged	Room 12	None Detected	N/A	N/A
A-1401	Pinhole ceiling tiles	Yes	Damaged	Room 15	None Detected	N/A	N/A
A-1501	**Tan 12x12 vinyl floor tile**	**Non**	**Damaged**	**Room 3**	**5% Chrysotile**		**Cat. I**
	Black mastic	**Non**	**Damaged**	**Room 3**	**5% Chrysotile**		**Cat. I**
A-1502	**Tan 12x12 vinyl floor tile**	**Non**	**Damaged**	**Room 40**	**5% Chrysotile**		**Cat. I**
	Black mastic	**Non**	**Damaged**	**Room 40**	**5% Chrysotile**		**Cat. I**
A-1601	Ceramic tiles	Non	Damaged	Room 15	None Detected	N/A	N/A

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
Layered	Gray mastic	Non	Damaged	Room 15	None Detected	N/A	N/A
A-1701	White roll sheet flooring	Non	Good	Room 14 entryway	None Detected	N/A	N/A
Layered	Yellow mastic backing	Non	Good	Room 14 entryway	None Detected	N/A	N/A
A-1801	Ceiling texture	Yes	Damaged	Room 14	None Detected	N/A	N/A
A-1802	Ceiling texture	Yes	Damaged	Room 14	None Detected	N/A	N/A
A-1803	Ceiling texture	Yes	Damaged	Room 14	None Detected	N/A	N/A
A-1901	Ceramic tile	Non	Damaged	Room 22	None Detected	N/A	N/A
Layered	Brown mastic backing	Non	Damaged	Room 22	None Detected	N/A	N/A
A-2001	**Pipe fitting residue**	**Yes**	**Damaged**	**Room 16**	**30% Chrysotile**	**#1**	**RACM**
A-2101	**Hard pack fitting**	**Yes**	**Damaged**	**East, E/W hallway outside Room 15**	**30% Chrysotile**	**#3**	**RACM**
A-2102	**Hard pack fitting**	**Yes**	**Damaged**	**East, E/W hallway outside Room 15**	**30% Chrysotile**	**#2**	**RACM**
A-2103	**Hard pack fitting**	**Yes**	**Damaged**	**N/S hallway by Room 22**	**30% Chrysotile**	**#10**	**RACM**
A-2104	**Hard pack fitting**	**Yes**	**Damaged**	**Room 39**	**30% Chrysotile**	**#2**	**RACM**
A-2201	Interior duct insulation	Yes	Damaged	Room 16	None Detected	N/A	N/A
A-2202	Interior duct insulation	Yes	Damaged	Room 16	None Detected	N/A	N/A
A-2203	Interior duct insulation	Yes	Damaged	Room 16	None Detected	N/A	N/A
A-2301	**Brown 12x12 vinyl floor tile**	**Non**	**Damaged**	**Room 17**	**5% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 17**	**5% Chrysotile**		**Cat. I**
A-2302	**Brown 12x12 vinyl floor tile**	**Non**	**Damaged**	**Room 21**	**5% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 21**	**8% Chrysotile**		**Cat. I**
A-2401	**Vinyl floor tile under carpet, 9x9**	**Non**	**Damaged**	**Room 19**	**5% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 19**	**5% Chrysotile**		**Cat. I**
A-2501	**Fiberglass duct, seam tape**	**Non**	**Damaged**	**N/S Hall, Rm 22**	**60% Chrysotile**	**150 LF**	**RACM**

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
A-2502	**Fiberglass duct, seam tape**	**Non**	**Damaged**	**N/S Hall, Rm 26**	**60% Chrysotile**		**RACM**
A-2503	**Fiberglass duct, seam tape**	**Non**	**Damaged**	**N/S Hall, Rm 30**	**60% Chrysotile**		**RACM**
A-2601	**Blue 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 25**	**8% Chrysotile**		**Cat. I**
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 25**	**5% Chrysotile**		**Cat. I**
A-2701	**Brown 9x9 vinyl floor tile**	**Non**	**Damaged**	**N/A hallway, south**	**8% Chrysotile**		**Cat. I**
	Black mastic backing	**Non**	**Damaged**	**N/S hallway, south**	**5% Chrysotile**		**Cat. I**
A-2801	Ceramic tiles	Non	Damaged	N/A hallway	None Detected	N/A	N/A
Layered	Gray mastic backing	Non	Damaged	N/A hallway	None Detected	N/A	N/A
A-2901	N/S duct work above ceiling tiles	Yes	Damaged	N/S Hall, Rm 22	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S Hall, Rm 22	None Detected	N/A	N/A
A-2902	N/S duct work above ceiling tiles	Yes	Damaged	N/S Hall, Rm 26	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S Hall, Rm 26	None Detected	N/A	N/A
A-2903	N/S duct work above ceiling tiles	Yes	Damaged	N/S hall, Rm 30	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S hall, Rm 30	None Detected	N/A	N/A
A-3001	Ceiling insulation above ceiling tiles	Yes	Damaged	N/S hall	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S hall	None Detected	N/A	N/A
A-3002	Ceiling insulation above ceiling tiles	Yes	Damaged	N/S hall	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S hall	None Detected	N/A	N/A
A-3003	Ceiling insulation above ceiling tiles	Yes	Damaged	N/S hall	None Detected	N/A	N/A
Layered	Black paper wrap	Yes	Damaged	N/S hall	None Detected	N/A	N/A
A-3101	Plaster walls/ceilings	Non	Damaged	Room 1	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 1	None Detected	N/A	N/A
A-3102	Plaster walls/ceilings	Non	Damaged	Room 4	None Detected	N/A	N/A

Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
Layered	Skim coat on plaster	Non	Damaged	Room 4	None Detected	N/A	N/A
A-3103	Plaster walls/ceilings	Non	Damaged	Room 6	None Detected	N/A	N/A
A-3104	Plaster walls/ceilings	Non	Damaged	Room 11	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 11	None Detected	N/A	N/A
A-3105	Plaster walls/ceilings	Non	Damaged	Room 12	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 12	None Detected	N/A	N/A
A-3106	Plaster walls/ceilings	Non	Damaged	Room 13	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 13	None Detected	N/A	N/A
A-3107	Plaster walls/ceilings	Non	Damaged	Room 24	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 24	None Detected	N/A	N/A
A-3108	Plaster walls/ceilings	Non	Damaged	Room 25/26	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 25/26	None Detected	N/A	N/A
A-3109	Plaster walls/ceilings	Non	Damaged	Room 29	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 29	None Detected	N/A	N/A
A-3110	Plaster walls/ceilings	Non	Damaged	Room 36	None Detected	N/A	N/A
Layered	Skim coat on plaster	Non	Damaged	Room 36	None Detected	N/A	N/A
A-3201	Fire line insulation wrap (FG)	Yes	Damaged	Room 27	None Detected	N/A	N/A
A-3202	Fire line insulation wrap (FG)	Yes	Damaged	Room 34	None Detected	N/A	N/A
A-3203	Fire line insulation wrap (FG)	Yes	Damaged	Room 36	None Detected	N/A	N/A
A-3301	Fire line insulation wrap (armorflex)	Non	Damaged	Room 16	None Detected	N/A	N/A
A-3302	Fire line insulation wrap (armorflex)	Non	Damaged	Room 22	None Detected	N/A	N/A
A-3303	Fire line insulation wrap (armorflex)	Non	Damaged	Room 38	None Detected	N/A	N/A
A-3401	**Gray 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 25**	**8% Chrysotile**		**Cat. I**

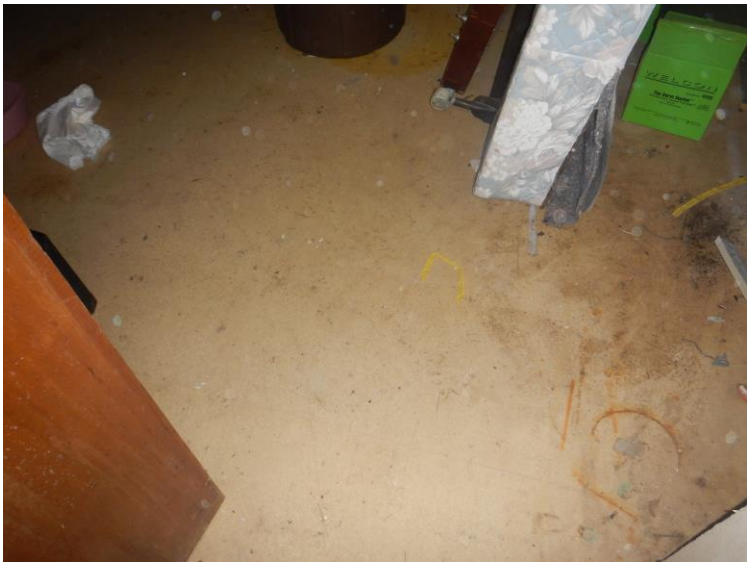
Sample No.	Material Description	Friability	Condition	Sample Location	Asbestos Content	Quantity	NESHAP Class
Layered	**Black mastic backing**	**Non**	**Damaged**	**Room 25**	**5% Chrysotile**		**Cat. I**
A-3501	**White 9x9 vinyl floor tile**	**Non**	**Damaged**	**Room 27**	**8% Chrysotile**		**Cat. I**
	Black mastic backing	**Non**	**Damaged**	**Room 27**	**5% Chrysotile**		**Cat. I**
A-3601	**Cementious exterior overhang board**	**Non**	**Damaged**	**East side off room 26 outside**	**20% Chrysotile**	**360 SF**	**Cat. II**
A-3701	**Metal window, small, window putty**	**Non**	**Damaged**	**Off room 26, eastside**	**3% Chrysotile**	**50 SF**	**Cat. I**
A-3702	**Metal window, small, window putty**	**Non**	**Damaged**	**Off room 34, westside**	**3% Chrysotile**	**-**	**Cat. I**
A-3801	**Exterior window putty, large windows**	**Non**	**Damaged**	**Off room 18**	**3% Chrysotile**	**50 SF**	**Cat. I**
A-3802	**Exterior window putty, large windows**	**Non**	**Damaged**	**Off room 3**	**3% Chrysotile**	**-**	**Cat. I**
A-3901	Plaster ceiling	Non	Damaged	Exterior mechanical room	None Detected	N/A	N/A
A-3902	Plaster ceiling	Non	Damaged	Exterior mechanical room	None Detected	N/A	N/A
A-3903	Plaster ceiling	Non	Damaged	Exterior mechanical room	None Detected	N/A	N/A
A-4001	Interior window putty	Non	Damaged	Room 28	3% Chrysotile	N/A	N/A
	Rubber membrane Roof	Non	Damaged	Roof	Not Sample Non Asbestos	N/A	N/A

Cat. I = Category I non-friable material
Cat. II = Category II non-friable material
HA = Homogeneous area
LF = Linear feet
N/A = Not Applicable, material is non-asbestos or less than one percent asbestos
RACM = Regulated asbestos containing material
SF = Square feet
VFT = vinyl floor tile
NQ = Not quantified

APPENDIX C

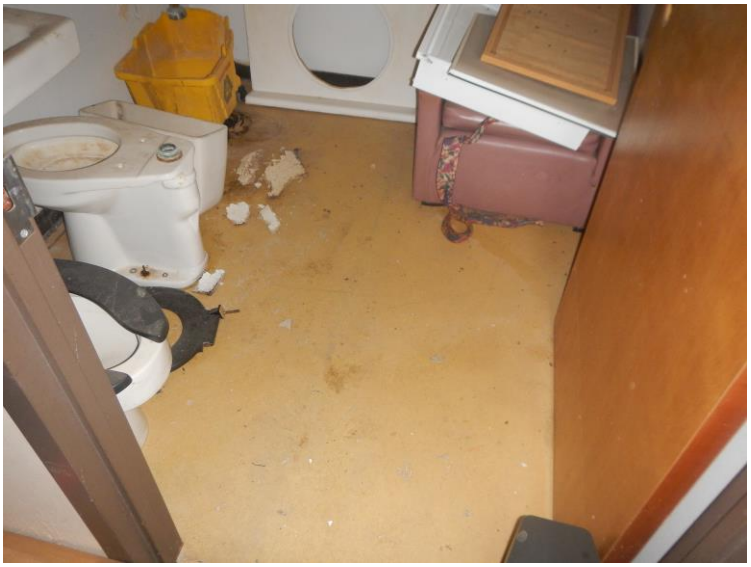
SITE PHOTOGRAPHS

Area 01, brown 9x9 vinyl floor tile

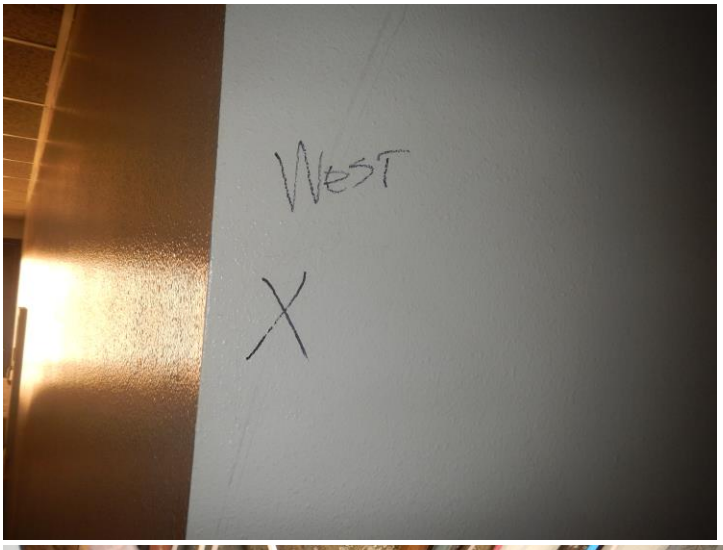


Area 02, tan roll sheet flooring

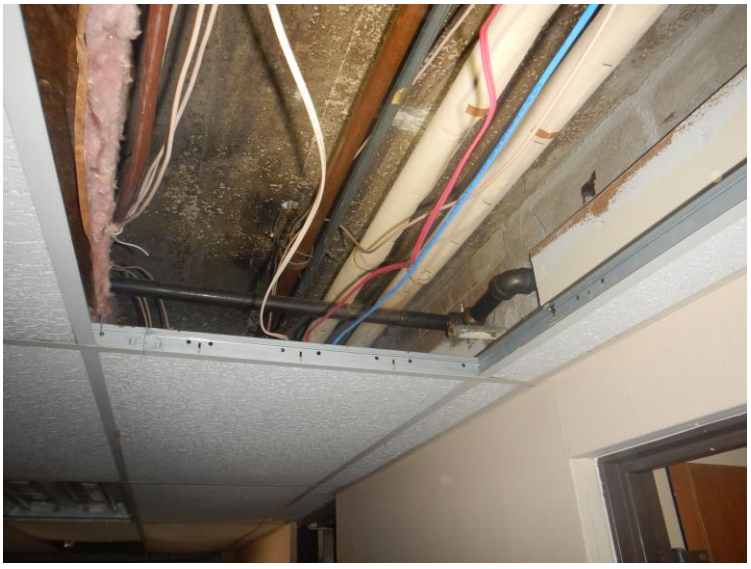
Area 03, kickboard glue



Area 04, tan roll sheet flooring



Area 05, sheetrock skimcoat

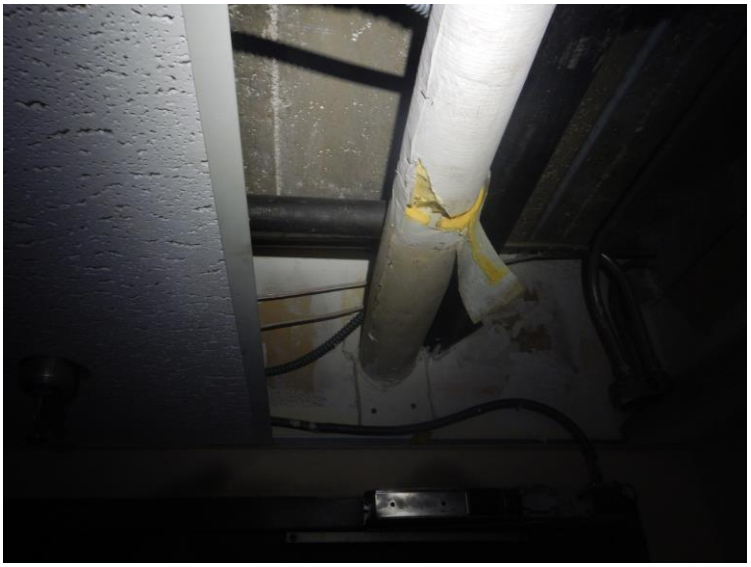


Area 06/07, pipes above ceiling tiles

Area 09. Fiberglass duct board

Area 10, ceramic tile ceiling

Area 11, joint wall compound



Area 12. Fire stop sealant

Area 13, white 2’x4’ ceiling tiles

Area 14, pinhole ceiling tiles

Area 15, tan 12x12 vinyl floor tile

Area 16, ceramic walls

Area 17, white roll sheet flooring

Area 18, ceiling texture room 14

Area 19, ceramic tiles

Area 20, pipe fitting residue

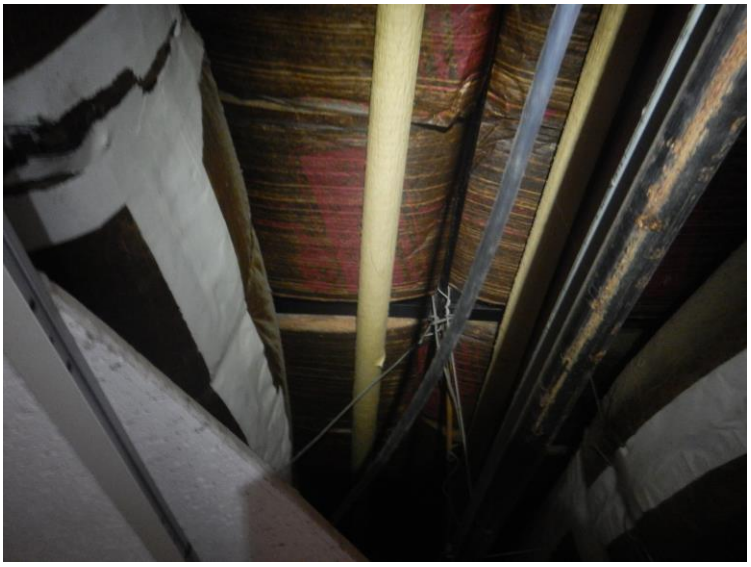
Area 21, hard pack fittings

Area 21, hard pack fittings

Area 22, interior duct insulation

Area 23, brown 12x12 vinyl floor tile

Area 24, vinyl floor tile under carpet



Area 25, white duct work seam tape

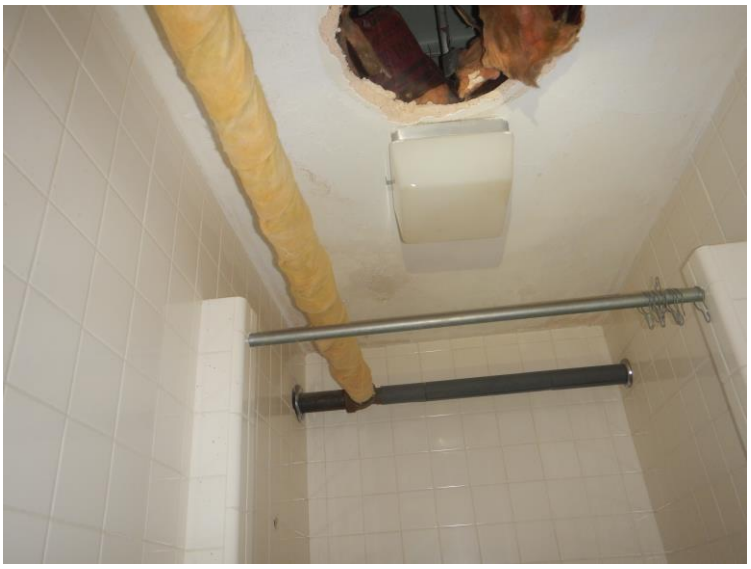
Area 26, blue 9x9 vinyl floor tile

Area 27, brown 9x9 vinyl floor tile

Area 28, hallway ceramic walls

Area 29/30, duct work insulation and ceiling insulation in N/S long hallway

Area 31. Plaster walls/ceilings



Area 32, fire line fiberglass wrap

Area 33, fire line armorflex wrap

Area 34, gray 9x9 vinyl floor tile

Area 35, white 9x9 vinyl floor tile

Area 36, exterior panel boards

Area 37, small window putty

Area 38. Large window putty

Area 39, exterior mechanical room plaster

Area 40, interior window putty

Rubber membrane roof

APPENDIX D

LICENSE CERTIFICATES

Oklahoma Department of Labor

Robert Dean Swain

has filed in the office of the Commissioner of Labor of the State of Oklahoma
an application for a Limited Asbestos Contractor's license for

AHERA MANAGEMENT PLANNER

Now, therefore, The Commissioner of Labor of the State of Oklahoma, by virtue of
the power vested in her by law hereby issues to the applicant license
No. OK-MP134900.

Melissa McLawhorn Houston
Commissioner of Labor

January 08, 2019
Date of Issuance

EXPIRES: January 02, 2020

APPENDIX E

INSPECTOR DATA ASSESSMENT SHEETS, CHAIN OF CUSTODY AND LABORATORY ANALYSIS

QUANTEM LABORATORIES
2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
001	A-0101	Layered	Brown Floor Tile	Asbestos Present Chrysotile	8	NA	CaCO3 Vinyl
001a		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
002	A-0201	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile	20	NA	CaCO3 Vinyl
003	A-0202	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile	20	NA	CaCO3 Vinyl
004	A-0102	Layered	Brown Floor Tile	Asbestos Present Chrysotile	8	NA	CaCO3 Vinyl
004a		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
005	A-0203	Homogeneous	Tan Sheet Vinyl	Asbestos Present Chrysotile	20	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
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Received By: Christiana Younge
Date Analyzed: 04/17/2019
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Methodology: EPA/600/R-93/116

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
006	A-0103	Layered	Brown Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
006a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
007	A-0301	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
008	A-0302	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
009	A-0303	Homogeneous	Brown Mastic	Asbestos Not Present	NA	Glue
010	A-0401	Layered	Tan Sheet Vinyl	Asbestos Present Chrysotile 20	NA	CaCO3 Vinyl

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389

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2301 S Sheridan Rd Ste B
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Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
010a		Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
010b		Layered	Black Mastic	Asbestos Present Chrysotile 3	NA	Tar
011	A-0501	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
011a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
012	A-0502	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3
012a		Layered	White Sheetrock	Asbestos Not Present	Cellulose 20	Gypsum
013	A-0503	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

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Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
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Methodology: EPA/600/R-93/116

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
014	A-0504	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3
015	A-0505	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3
016	A-0506	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3
017	A-0507	Homogeneous	White Skim Coat	Asbestos Not Present	NA	CaCO3
018	A-0601	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber 100	
018a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 40 Glass Fiber 10	Foil

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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QUANTEM LABORATORIES
2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
019	A-0602	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber 100	
019a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 40 Glass Fiber 10	Foil
020	A-0603	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber 100	
020a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 40 Glass Fiber 10	Foil
021	A-0701	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber 100	
021a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 40 Glass Fiber 10	Foil
022	A-0702	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber 100	

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2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)		Non Fibrous
022a		Layered	Silver Wrap	Asbestos Not Present	Cellulose Glass Fiber	40 10	Foil
023	A-0703	Layered	Yellow Pipe Insulation	Asbestos Not Present	Glass Fiber	100	
023a		Layered	Silver Wrap	Asbestos Not Present	Cellulose Glass Fiber	40 10	Foil
024	A-0801	Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber	100	
024a		Layered	Silver Wrap	Asbestos Not Present	Cellulose Glass Fiber	40 10	Foil
025	A-0802	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber	100	

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Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
026	A-0803	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
027	A-0901	Layered	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
027a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 50 Glass Fiber 10	Foil
028	A-0902	Layered	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
028a		Layered	Silver Wrap	Asbestos Not Present	Cellulose 50 Glass Fiber 10	Foil
029	A-0903	Homogeneous	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
030	A-1001	Homogeneous	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand

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Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
031	A-1101	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
032	A-1102	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
033	A-1103	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
034	A-1104	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
035	A-1105	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3
036	A-1106	Homogeneous	White Joint Compound	Asbestos Not Present	NA	CaCO3

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Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
037	A-1201	Homogeneous	White Sealant	Asbestos Not Present	NA	$CaCO_3$ Binder
038	A-1301	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
039	A-1302	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
040	A-1303	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
041	A-1304	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
042	A-1305	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
043	A-1306	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint

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Project Location: Thomas, OK
Project Number: N/A

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044	A-1307	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
045	A-1308	Homogeneous	Gray Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
046	A-1401	Homogeneous	White Ceiling Tile	Asbestos Not Present	Cellulose 50 Glass Fiber 30	Perlite Paint
047	A-1501	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
047a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
048	A-1502	Layered	Tan Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl

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Project Number: N/A

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048a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
049	A-1601	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
049a		Layered	Gray Mastic	Asbestos Not Present	NA	CaCO3 Sand Binder
050	A-1701	Layered	White Sheet Vinyl	Asbestos Not Present	NA	CaCO3 Vinyl
050a		Layered	Yellow Mastic	Asbestos Not Present	NA	Glue
051	A-1801	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
052	A-1802	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint

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Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
053	A-1803	Homogeneous	White Ceiling Texture	Asbestos Not Present	NA	CaCO3 Paint
054	A-1901	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
054a		Layered	Brown Mastic	Asbestos Not Present	NA	Glue CaCO3
055	A-2001	Homogeneous	Gray Pipe Insulation	Asbestos Present Chrysotile 30	Glass Fiber 20	Gypsum
056	A-2101	Homogeneous	Gray Pipe Insulation	Asbestos Present Chrysotile 30	Glass Fiber 20	Gypsum
057	A-2102	Homogeneous	Gray Pipe Insulation	Asbestos Present Chrysotile 30	Glass Fiber 20	Gypsum

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Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
058	A-2103	Homogeneous	Gray Pipe Insulation	Asbestos Present Chrysotile 30	Glass Fiber 20	Gypsum
059	A-2104	Homogeneous	Gray Pipe Insulation	Asbestos Present Chrysotile 30	Glass Fiber 20	Gypsum
060	A-2201	Homogeneous	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
061	A-2202	Homogeneous	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
062	A-2203	Homogeneous	Yellow Duct Insulation	Asbestos Not Present	Glass Fiber 100	
063	A-2301	Layered	Brown Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
063a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

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Project Number: N/A

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064	A-2302	Layered	Brown Floor Tile	Asbestos Present Chrysotile 5	NA	CaCO3 Vinyl
064a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
065	A-2401	Layered	Tan Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
065a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
066	A-2501	Homogeneous	Gray Duct Tape	Asbestos Present Chrysotile 60	Cellulose 30	Binder
067	A-2502	Homogeneous	Gray Duct Tape	Asbestos Present Chrysotile 60	Cellulose 30	Binder

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
068	A-2503	Homogeneous	Gray Duct Tape	Asbestos Present Chrysotile 60	Cellulose 30	Binder
069	A-2601	Layered	Blue Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
069a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
070	A-2701	Layered	Brown Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
070a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar
071	A-2801	Layered	White Ceramic Tile	Asbestos Not Present	NA	Clay Sand
071a		Layered	Gray Mastic	Asbestos Not Present	NA	Glue CaCO3

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Project Number: N/A

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072	A-2901	Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
072a		Layered	Black Wrap	Asbestos Not Present	Cellulose 60	Tar
073	A-2902	Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
073a		Layered	Black Wrap	Asbestos Not Present	Cellulose 60	Tar
074	A-2903	Layered	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
074a		Layered	Black Wrap	Asbestos Not Present	Cellulose 60	Tar

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075	A-3001	Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	100	
075a		Layered	Black Wrap	Asbestos Not Present	Cellulose	90	Tar
076	A-3002	Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	100	
076a		Layered	Black Wrap	Asbestos Not Present	Cellulose	90	Tar
077	A-3003	Layered	Pink Insulation	Asbestos Not Present	Glass Fiber	100	
077a		Layered	Black Wrap	Asbestos Not Present	Cellulose	90	Tar
078	A-3101	Layered	White Skim Coat	Asbestos Not Present	NA		$CaCO_3$ Sand

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Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
078a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
079	A-3102	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
079a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
080	A-3103	Homogeneous	Gray Plaster	Asbestos Not Present	NA	CaCO3 Gypsum Sand
081	A-3104	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
081a		Layered	Brown Plaster	Asbestos Not Present	NA	Gypsum Sand

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082	A-3105	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
082a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
083	A-3106	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
083a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
084	A-3107	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
084a		Layered	Gray Plaster	Asbestos Not Present	NA	Gypsum Sand
085	A-3108	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand

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QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
085a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
086	A-3109	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
086a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
087	A-3110	Layered	White Skim Coat	Asbestos Not Present	NA	CaCO3 Sand
087a		Layered	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
088	A-3201	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389

Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
089	A-3202	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
090	A-3203	Homogeneous	Yellow Insulation	Asbestos Not Present	Glass Fiber 100	
091	A-3301	Homogeneous	Black Insulation	Asbestos Not Present	NA	Foam
092	A-3302	Homogeneous	Black Insulation	Asbestos Not Present	NA	Foam
093	A-3303	Homogeneous	Black Insulation	Asbestos Not Present	NA	Foam
094	A-3401	Layered	Gray Floor Tile	Asbestos Present Chrysotile 8	NA	CaCO3 Vinyl
094a		Layered	Black Mastic	Asbestos Present Chrysotile 5	NA	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389
Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbestos Fiber (%)	Non Fibrous
095	A-3501	Layered	White Floor Tile	Asbestos Present Chrysotile	8	NA	CaCO3 Vinyl
095a		Layered	Black Mastic	Asbestos Present Chrysotile	5	NA	Tar
096	A-3601	Homogeneous	Tan Siding	Asbestos Present Chrysotile	20	NA	CaCO3 Sand
097	A-3701	Homogeneous	Gray Window Putty	Asbestos Present Chrysotile	3	NA	CaCO3 Binder
098	A-3702	Homogeneous	Gray Window Putty	Asbestos Present Chrysotile	3	NA	CaCO3 Binder
099	A-3801	Homogeneous	Gray Window Putty	Asbestos Present Chrysotile	3	NA	CaCO3 Binder

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Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 307584
Account Number: A389

Date Received: 04/10/2019
Received By: Christiana Younge
Date Analyzed: 04/17/2019
Analyzed By: Dee Ammerman
Methodology: EPA/600/R-93/116

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Project: Thomas Hospital/Nursing
Project Location: Thomas, OK
Project Number: N/A

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)	Non-Asbestos Fiber (%)	Non Fibrous
100	A-3802	Homogeneous	Gray Window Putty	Asbestos Present Chrysotile 3	NA	CaCO3 Binder
101	A-3901	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
102	A-3902	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
103	A-3903	Homogeneous	Tan Plaster	Asbestos Not Present	NA	Gypsum Sand
104	A-4001	Homogeneous	White Caulk	Asbestos Present Chrysotile 3	NA	CaCO3 Binder

Dee Ammerman, Laboratory Manager

4/17/2019
Date of Report

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

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4/17 ES

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Contact Information			
Company: EHCT		Phone: 918-747-1330	
Contact: A389		Cell Phone: 918-724-4782	
Account #: DEAN SWAIN		E-mail: deanee@ci.net	
SAMPLED BY:	Name: DEAN SWAIN	Date: 4-4-2019	

Project Information	
Project Name: THOMAS HOSPITAL/NURSING	
Project Location: THOMAS, OK	
Project ID:	
P.O. Number:	

Report Results (☑ one box)
☐ QuanTEM Website
☐ Email _____
☐ Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	4-8-2019 5pm	FEDEX		4-10-19 1:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☒ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☒ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
1	A-0101	☒	BROWN	9+9 VFT, BLACK MASTIC		Rm 1, 2B UNDER RSF
2	A-0201	☒	TAN	TAN RSF		Rm 2, WEST HALL, N/S HALL
3	A-0202	☒	TAN	RSF		Rm 9, E/W HALL,
4	A-0102	☒	BROWN	9+9 VFT, BLACK MASTIC		Rm 2A
5	A-0203	☒	TAN	RSF		EAST HALL
6	A-0103	☒	BROWN	9x9 VFT		2B UNDER RSF
7	A-0301	☒	BROWN	KBG, WEST HALL		
8	A-0302	☒	"	KBG, Rm 11		
9	A-0303	☒	"	KBG, Rm 33		
10	A0401	☒	TAN	TAN RSF, w/ VFT UNDER		Rm 7

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Contact Information			
Company:	ETACI	Phone:	
Contact:		Cell Phone:	
Account #:	A359	E-mail:	
SAMPLED BY: Name:		Date:	

Project Information	
Project Name:	THOMAS HOSPITAL
Project Location:	
Project ID:	
P.O. Number:	

Report Results (☑ one box)
- ☐ QuanTEM Website
- ☐ Email _____
- ☐ Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☑ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☒ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
11	A-0501	☒		SR SKIM COAT		W. HALL
12	A-0502	☒				E/W HALL
13	A-0503	☒				N/S HALL
14	A-0504	☒				Rm 2
15	A-0505	☒				Rm 12
16	A-0506	☒				Rm 21
17	A-0507	☒				Rm 40
18	A-0601	☒		FG PIPE NORTH SIDE, W. HALL		
19	A-0602	☒		" , E/W HALL		
20	A-0603	☒		" , Rm 5		

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Contact Information		Project Information		Report Results (☑ one box)
Company: EHCI	Phone:	Project Name: THOMAS HOSPITAL		☐ QuanTEM Website
Contact:	Cell Phone:	Project Location:		☐ Email _____
Account #: A389	E-mail:	Project ID:		☐ Other _____
SAMPLED BY: Name:	Date:	P.O. Number:		

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☒ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☑ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
21	A-0701	☒		FG PIPE, SOUTH PIPE, LOST HALL		
22	A-0702	☒		" , Rm 5		
23	A-0703	☒		" , E/W HALL		
24	A-0801	☒		HWT, Rm 5		
25	A-0802	☒		HWT, Rm 5		
26	A-0803	☒		HWT, Rm 5		
27	A-0901	☒		FG DUCT BOARD, Rm 11		
28	A-0902	☒		" , Rm 7		
29	A-0903	☒		" Rm 6		
30	A-1001	☒		CERAMIC TILE, Rm 2		RUSH 24 HRS

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Project Information

Company: EHCI | Project Name: THOMAS HOSPITAL | Project Location:

No.	Sample ID (10 Characters Max)	Description	Volume / Area (as applicable)	Media / Comments / Notes
31	A-1101	JWC, WEST HALL		
32	A-1102	, Rm 2		
33	A-1103	, Rm 8		
34	A-1104	, Rm 12		
35	A-1105	, EAST HALL		
36	A-1106	, CENTER HALL		
37	A-1201	WEST HALL PIPE SEALANT, FIRE WALL		
38	A-1301	9x4 C.T., WEST HALL		
39	A-1302	" , WEST HALL		
40	1303	" , Rm 2		
41	1304	" , Rm 6		
42	1305	" , Rm 7		
43	1306	" , Rm 11		
44	1307	" , M/S HALL		
45	1308	" , Rm 12		
46	A-1401	PINHOLE CEILING TILES, Rm 15		
47	A-1501	Rm 3, TAN 12x12 VFT		~~Rm 40 TAN~~ RJ
48	A-1502	Rm 40, TAN 12x12 VFT		
49	A-1601	Rm 15, CERAMIC WALLS		
50	A-1701	Rm 14, NON RSF		

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Project Information

Company: ETCI | Project Name: THOMAS HOSPITAL | Project Location:

No.	Sample ID (10 Characters Max)	Description	Volume / Area (as applicable)	Media / Comments / Notes
51	A-1801	Rm 14 CEILING TEXT		
52	-1802	"		
53	-1803	"		
54	A-1901	CERAMIC TILE		
55	A-2001	Rm 16 PIPE FITTING RESIDUE		
56	A-2101	HARD PLASTER FITTING, EAST HALL		
57	2102	, EAST HALL		
58	2103	, N/S HALL		
59	2104	, Rm 39		
60	A-2201	INTERIOR DUCT INSULATION, Rm 16		
61	2202	"		
62	2203	"		
63	A-2301	BROWN 12x12 VFT, Rm 17		Rm 18
64	A-2302	, Rm 21		
65	A-2401	VFT UNDER CARPET, 9x9, Rm 19		
66	A-2501	FG DUCT SEAM TAPE		N/S HALL
67	2502	"		
68	2503	"		
69	A-2601	BLUE 9x9 VFT, Rm 35, 34, 32, 30, 28		
70	A-2701	BROWN 9x9 VFT, N/S HALL		

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Project Information

Company: EHCI | Project Name: THOMAS HOSPITAL | Project Location:

No.	Sample ID (10 Characters Max)	Description	Volume / Area (as applicable)	Media / Comments / Notes
71	A-2801	N/S HALL CERAMIC		
72	A-2901	N/S DUCT WORK, FG		
73	2902	" , FG		
74	2903	" , FG		
75	A-3001	CEILING INSULATION, FG, N/S HALL		
76	3002	" , N/S HALL		
77	3003	" , N/S HALL		
78	A-3101	PLASTER, Rm 1		
79	3102	, Rm 4		
80	3103	, Rm 6		
81	3104	, Rm 11		
82	3105	, Rm 12		
83	3106	, Rm 13		
84	3107	, Rm 24		
85	3108	, Rm 25/26		
86	3109	, Rm 29		
87	3110	, Rm 36		
88	A-3201	FIRE LINE WRAP, Rm 27		
89	3202	Rm 34		
90	3203	Rm 36		

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(Accept) Reject

Contact Information		Project Information	Report Results (☑ one box)
Company: EHCI	Phone:	Project Name: THOMAS HOSPITAL	☐ QuanTEM Website
Contact:	Cell Phone:	Project Location:	☐ Email _____
Account #: A389	E-mail:	Project ID:	☐ Other _____
SAMPLED BY: Name:	Date:	P.O. Number:	

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☒ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☒ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
91	A-3301	☒		ARMOR FLEX, FIRE LINE, Rm 16		
92	3302	☒		" , Rm 22		
93	3303	☒		" , Rm 38		
94	A-3401	☒		GRAY 9x9 VFT, Rm 25, 26, 37, 38, 39		
95	A-3501	☒		WHITE 9x9 Rm 27, 29, 33, 31, 41		
96	A-3601	☒		EXTERIOR OVERHANG PANELS		
97	A-3701	☒		METAL WINDOW PUTTY, SMALL		
98	A-3702	☒		" , SMALL		
99	A-3801	☒		EXTERIOR WINDOW PUTTY, BIG WINDOWS		
100	A-3802	☒		"	"	

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Contact Information			
Company:	EHT	Phone:	
Contact:		Cell Phone:	
Account #:	A385	E-mail:	
SAMPLED BY:	Name:	Date:	

Project Information	
Project Name:	THOMAS HOSPITAL
Project Location:	
Project ID:	
P.O. Number:	

Report Results (☑ one box)	
☐	QuanTEM Website
☐	Email _____
☐	Other _____

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
				4/10 @ 1330

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

PLM	PLM	TEM	TEM	TURNAROUND TIME
☐ Bulk Analysis (EPA 600/R-93/116)	☐ Vermiculite Attic Insulation (EPA 600/R-04/004)	☐ Air- AHERA	☐ Bulk- Presence / Absence EPA600/R-93/116	☐ Rush
☐ 400 Point Count	☐ Other	☐ Air- NIOSH 7402	☐ Bulk- Quantitative [weight%]- Chatfield	☐ Same Day
☐ 1000 Point Count	PCM	☐ Air- ISO 10312	☐ Dust- Presence / Absence	☐ 24 - Hour
☐ Gravimetric Preparation	☐ NIOSH 7400	☐ Drinking Water- EPA 100.2	☐ Dust- Quantitative [fibers/sq.cm]- ASTM D5755	☐ 3 - Day
☐ Particle ID		☐ Waste Water- EPA 600/4-83-043	☐ Other	☐ 5 - Day

No.	Sample ID (10 Characters Max)	☑ To Be Analyzed	Color	Description	Volume / Area (as applicable)	Comments / Notes
01	A-3901	☑	LT TAN	MECHANICAL RM PLASTER		
02	3902	☑		"		
03	3903	☑		"		
04	A-4001	☑		INTERIOR WINDOW CAULKING, RM 28		
5		☐				
6		☐				
7		☐				
8		☐				
9		☐				
10		☐				

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Appendix C

Lead-Based Paint Report

Lead Based Paint

1. Introduction

Under the Lead-Based Paint Poison Protection Act (LBPPA) and the US Consumer Product Safety Commission (CPSC), the permissible limit for lead in paint manufacturing was set at 600 parts per million (ppm) in 1978. The US Environmental Protection Agency (EPA) and the Department of Housing and Urban Development (HUD) define lead-based paint for 'target housing and child occupied facilities' as paint containing lead levels equal to or greater than 5,000 ppm. As the LBPPA/CPSC definition pertains to paint manufacture and the EPA/HUD definition governs paint already applied to surfaces, the difference in the definitions does not result in any real-world conflicts. However, the Occupational Safety and Health Administration (OSHA) does not define lead-based paint, nor does it acknowledge any intrinsically safe levels of lead in paint. Painted surfaces that contain lead but do not meet either definition of lead-based paint are still governed by OSHA worker protection regulations. These regulations require exposure monitoring, respiratory protection, employee training, and medical monitoring (including blood tests).

In addition, the US EPA Resource Conservation and Recovery Act (RCRA) regulations set the limit of leachable lead in lead-containing waste at 5 (ppm) or 5 mg/L. Leachable lead means the amount of lead likely to leach from the waste into the surrounding soil of a landfill. This level is established by an analytical method called the toxicity characteristic leachate procedure (TCLP). Lead containing waste that equals or exceeds the RCRA limit must be transported to a hazardous waste treatment, storage, or disposal facility.

Lead containing waste shown to have a total lead content below 100 ppm cannot reach or exceed the EPA RCRA limit for leachable lead, and need not be analyzed by TCLP. Lead containing waste shown to have a total lead content equal to or exceeding 100 ppm may exceed the RCRA standard, and must be analyzed by TCLP prior to disposal.

2. Inspection

Attached herewith are the analytical results of the testing for lead-based paint (LBP) from the Thomas hospital/nursing home buildings (building #5, north building, and building #6, south building) located at 610 East Broadway in the city of Thomas, state of Oklahoma. The lead-based paint (LBP) inspections were conducted following the protocol established in the work plan and performed by Mike Jenkinson, an accredited and licensed LBP Inspector/Risk Assessor #OKRASR11413. The work plan called for XRF testing of major painted surfaces throughout the subject site totaling approximately 400 assays and not more than 40 paint chip samples or 10% of total assays.

A complete list of all assay tests results for LBP is provided herein. Results are organized and shown in actual sequence by sample number. All assay tests for LBP were taken with a Niton XRF Spectrum Analyzer in the Unlimited Mode.

A complete list of all paint chip results for LBP is also provided herein. Results are organized and shown in actual sequence collected. All paint chip samples were analyzed by Quantem Laboratories using EPA Method 7420, Atomic Absorption. Lead is reported in parts per million (ppm).

For this report a “Positive” refers to a sample that has lead concentration equal to or greater than 1.0 mg/cm^2 by XRF reading or 5,000 ppm by paint-chip analysis. “Negative” refers to a sample that has a lead concentration of less than 1.0 mg/cm^2 by XRF reading or 5,000 ppm by paint-chip analysis.

The following information is pertinent to this report:

1. Lead was banned in residential and commercial used paint in 1978.
2. The Thomas nursing home north building (building 5) was built 1950 and the south building (building 6) built in 1061.
3. There were 449 XRF assays including calibrations and 30 paint chip samples collected and analyzed.
4. Lead above the permissible level of 1.0 mg/cm^2 or 5,000ppm ***was found*** within the building in one location. White storage cabinet on Wall A, in room #38.
6. Lead was found in some concentration in many painted surfaces so therefore OSHA regulations will be required to be followed when working with these painted surfaces.
7. No substrate correction was necessary.
8. Walls are numbered in a clockwise manner starting with wall A being address side or north side.
9. HUD Guidelines classifies painted surface conditions using the following standards:

Type of Building Component	Intact	Fair	Poor
Exterior components with large surface areas	Entire surface is intact	Less than or equal to 10 square feet.	More than 10 square feet.
Interior components with large surface areas	Entire surface is intact.	Less than or equal to 2 square feet.	More than 2 square feet.
Interior and exterior components with small surface areas (window sills, baseboards, soffits, trim).	Entire surface is intact.	Less than or equal to 10 percent of the total surface area of the component.	More than 10 percent of the total surface area of the component.

3. Recommendations

The results of this test indicate that one cabinet has lead-based paint in amounts greater than or equal to 1.0 mg/cm^2 in paint was found on the white cabinet on wall A, in room #38. Therefore, if the facility is to be demolished the cabinet can be left in place and disposed of as regular construction debris.

3.1 Lead OSHA Requirements: Lead in Construction Standard 1926.62

General requirements if some sort of lead abatement activity is used

- OSHA action level for lead is 30 µg/m^3 and the PEL is 50 µg/m^3 both calculated as an 8-hour TWA.
- Institute work practice controls of wet scraping, component replacement or other activity to reduce air dust and debris during lead paint removal. Have hand and face washing facilities available on-site. Notify other contractors/subcontractors about lead hazard at job-site.
- OSHA Lead training is only required for employees who are subjected to exposure to Lead at or above the action level on any day or who are subject to exposure to compounds which may cause skin or eye irritation. However, I would recommend a 30-minute to an hour or so tool box meeting on lead, controlling dust during activities, and proper disposal of these materials.
- Medical surveillance is only required for employees who are subjected to exposure to lead at or above the action level on any day.

Specific Requirements

- First off contractor will be required to conduct an exposure assessment for the chosen work activities to see if they exceed the action limit of 30 m/cm3.
- Protection of workers during assessment period shall include full body disposable coveralls (Tyveks or Kleenguard suits) and half-mask air purifying respirators with HEPA cartridges. Wet scraping of lead paint would be perceived as a low risk work activity and therefore only require a half-mask air purifying respirator. To wear a respirator an employee must be deemed medically fit to wear a respirator, be trained, be part of written respiratory program, and be fit tested for size and make of respirator.
- If the initial determination proves employee exposure is below the action level, further exposure determination need not be repeated unless there is a change in processes or controls. No other requirements necessary and no PPE necessary.
- If employee exposure is at or above the action level, but at or below the PEL, the contractor must perform monitoring at least every 6 months and continue until at least two consecutive measurements—taken at least 7 days apart—are below the action level. In addition, training requirements according to 29 CFR 1926.62(l) which is typically an 8-hour course with annual refresher. PPE is not required unless above the PEL. Medical surveillance is not required at this level unless exposures occur at or above the action level for more than 30 days in any consecutive 12 months.
- If an employee exposure is at or above the PEL, the contractor must perform monitoring quarterly and continue until at least two consecutive measurements—taken at least 7 days apart—are at or below the PEL but at or above the action level. The contractor then must repeat and continue monitoring every 6 months to bring the exposure to or below the action level. Competent person supervision, full training, development of a compliance program, hygiene facilities, use of PPE including respirators, posting of warning signs, and medical surveillance kick in at this level.

LEAD INSPECTION FINAL SUMMARY REPORT

Inspection Date: April 4, 2019

Inspection Site:

Vacant Hospital/Nursing

610 East Broadway

Thomas, Oklahoma

Custer County

Construction Date: North Building #5, 1950
South Building #6, 1961

Inspector: Michael Jenkinson

Cert. Number: OKRASR11413

Signature:

XRF Manufacturer: NITON Corporation

XRF Device: XL-300a

Serial Number: 24295

Source: Cd 109/ 40 mCi/ 8/1/2014

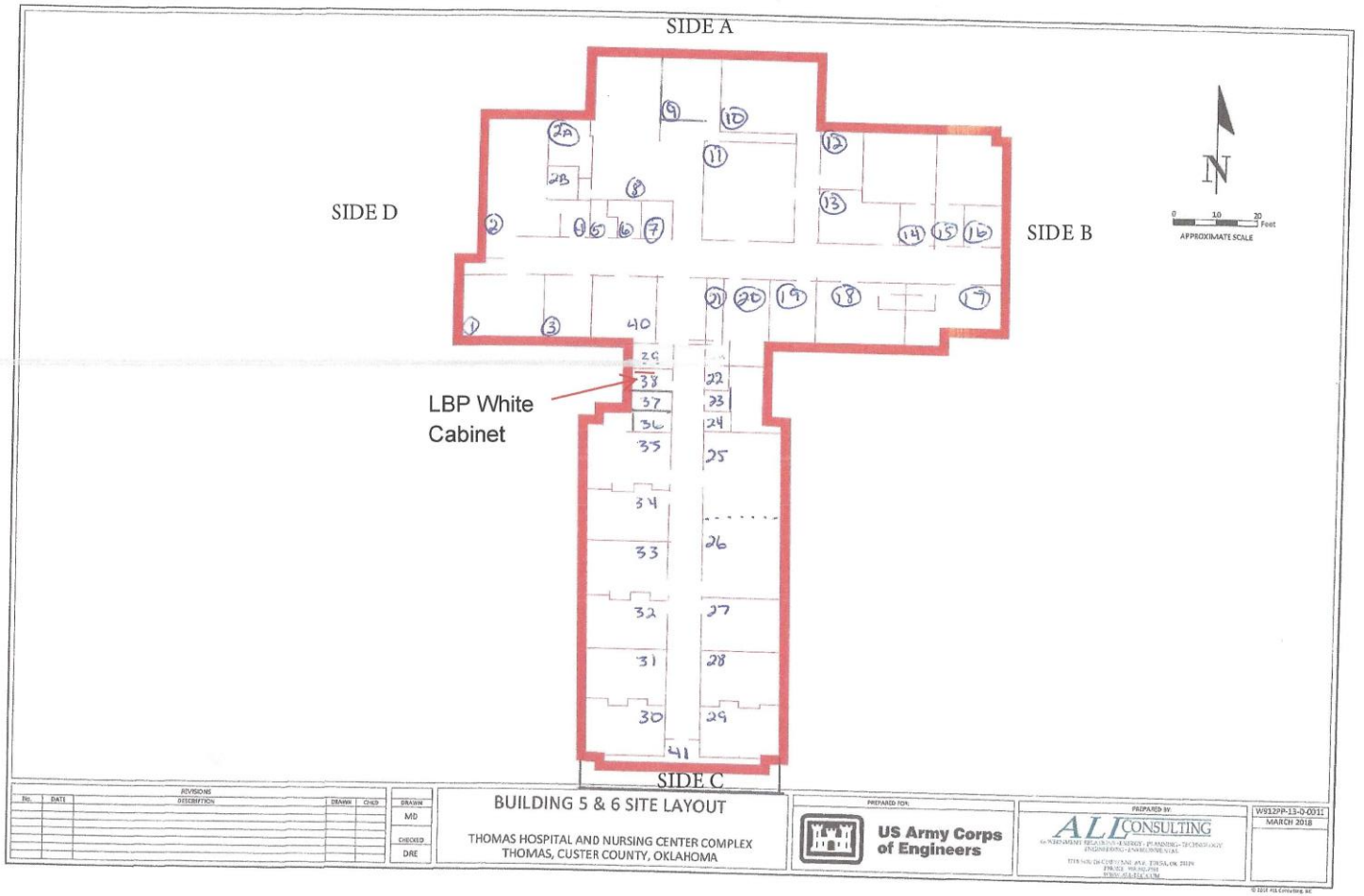
QA/QC: Manufacturer's Recommended Calibrations

Specific Locations: See Included XRF Reports

Results of Inspection: See Findings

APPENDIX A

SITE MAP, XRF RESULTS & LABORATORY RESULTS


SIDE A
SIDE B
SIDE C
SIDE D
LBP White Cabinet
N
0 10 20 Feet
APPROXIMATE SCALE
BUILDING 5 & 6 SITE LAYOUT
THOMAS HOSPITAL AND NURSING CENTER COMPLEX
THOMAS, CUSTER COUNTY, OKLAHOMA
US Army Corps of Engineers
ALI CONSULTING
W912PP-13-D-0011
MARCH 2018

Reading No	Time	Type	Duration	Units	Sequence	Component	Substrate	Side	Condition	Color	Floor	Room	Results	Depth Index	Action Level	PbC	PbC Error
1	4/4/2019 8:13	SHUTTER_CAL	30.02	cps	Final											0.48	0
2	4/4/2019 8:15	PAINT	4.52	mg / cm ^2	Final								Null	1.07	1	0.9	0.1
3	4/4/2019 8:20	PAINT	6.36	mg / cm ^2	Final								Negative	1.05	1	0.9	0.1
4	4/4/2019 8:22	PAINT	8.49	mg / cm ^2	Final								Positive	1.17	1	1.1	0.1
5	4/4/2019 8:27	PAINT	19.16	mg / cm ^2	Final								Null	1.11	1	1	0.1
6	4/4/2019 8:28	PAINT	8.05	mg / cm ^2	Final								Positive	1.15	1	1.1	0.1
7	4/4/2019 8:47	PAINT	3.02	mg / cm ^2	Final	WALL	PLASTER	A	POOR	YELLOW		ROOM1	Negative	3.4		1 < LOD	0.09
8	4/4/2019 8:48	PAINT	3.06	mg / cm ^2	Final	WALL	PLASTER	B	POOR	YELLOW		ROOM1	Negative	2.95		1 < LOD	0.08
9	4/4/2019 8:50	PAINT	0.68	mg / cm ^2	Final	WALL	PLASTER	C	POOR	WHITE		ROOM1	Null	2		1 < LOD	0.21
10	4/4/2019 8:50	PAINT	2.62	mg / cm ^2	Final	WALL	PLASTER	C	POOR	WHITE		ROOM1	Negative	6.72		1 < LOD	0.3
11	4/4/2019 8:51	PAINT	2.34	mg / cm ^2	Final	WALL	PLASTER	D	POOR	WHITE		ROOM1	Negative	5.76		1 < LOD	0.31
12	4/4/2019 8:52	PAINT	2.38	mg / cm ^2	Final	WALL	PLASTER	D	POOR	WHITE		ROOM1	Negative	2.93		1 < LOD	0.12
13	4/4/2019 8:54	PAINT	3.06	mg / cm ^2	Final	CEILING	PLASTER	D	POOR	WHITE		ROOM1	Negative	4.62		1 < LOD	0.09
14	4/4/2019 8:55	PAINT	1.02	mg / cm ^2	Final	AIR DUCT	WOOD	C	POOR	WHITE		ROOM1	Negative	1		1 < LOD	0.03
15	4/4/2019 8:56	PAINT	2.93	mg / cm ^2	Final	WINDOW	CONCRETE	C	POOR	WHITE		ROOM1	Null	10		1 < LOD	0.54
16	4/4/2019 8:57	PAINT	2.63	mg / cm ^2	Final	WINDOW	CONCRETE	C	POOR	WHITE		ROOM1	Negative	4.23		1 < LOD	0.1
17	4/4/2019 8:58	PAINT	1.02	mg / cm ^2	Final	WINDOW	METAL	A	POOR	WHITE		ROOM1	Negative	1		1 < LOD	0.05
18	4/4/2019 8:59	PAINT	1.02	mg / cm ^2	Final	DOOR	WOOD	A	FAIR	BROWN		ROOM1	Negative	1		1 < LOD	0.03
19	4/4/2019 9:00	PAINT	1.03	mg / cm ^2	Final	DOOR	WOOD	A	FAIR	BROWN		HALLW	Negative	1		1 < LOD	0.03
20	4/4/2019 9:01	PAINT	1.02	mg / cm ^2	Final	DOOR	METAL	A	FAIR	BROWN		HALLW	Negative	2.04		1 < LOD	0.18
21	4/4/2019 9:03	PAINT	2.38	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		HALLW	Negative	1.8		1 < LOD	0.03
22	4/4/2019 9:04	PAINT	2.14	mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE		HALLW	Negative	1.08		1 < LOD	0.03
23	4/4/2019 9:05	PAINT	2.33	mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE		HALLW	Negative	1.59		1 < LOD	0.03
24	4/4/2019 9:06	PAINT	1.02	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		ROOM2	Negative	1		1 < LOD	0.03
25	4/4/2019 9:07	PAINT	1.51	mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE		ROOM2	Negative	1		1 < LOD	0.03
26	4/4/2019 9:08	PAINT	1.02	mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE		ROOM2	Negative	1		1 < LOD	0.03
27	4/4/2019 9:08	PAINT	1.46	mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE		ROOM2	Negative	1		1 < LOD	0.03
28	4/4/2019 9:09	PAINT	1.02	mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN		ROOM2	Negative	4.03		1 < LOD	0.42
29	4/4/2019 9:10	PAINT	1.02	mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN		ROOM2	Negative	1		1 < LOD	0.04
30	4/4/2019 9:11	PAINT	1.02	mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN		ROOM2B	Negative	1		1 < LOD	0.03
31	4/4/2019 9:12	PAINT	1.02	mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN		ROOM2B	Negative	2.2		1 < LOD	0.12
32	4/4/2019 9:14	PAINT	2.63	mg / cm ^2	Final	WALL	METAL	A	FAIR	WHITE		ROOM2B	Negative	1.78		1 < LOD	0.11
33	4/4/2019 9:15	PAINT	2.87	mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE		ROOM2B	Negative	1.64		1 < LOD	0.08
34	4/4/2019 9:16	PAINT	1.02	mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE		ROOM2B	Negative	1.62		1 < LOD	0.1
35	4/4/2019 9:16	PAINT	0.78	mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE		ROOM2B	Null	1		1 < LOD	0.07
36	4/4/2019 9:16	PAINT	0.97	mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE		ROOM2B	Null	1.18		1 < LOD	0.08
37	4/4/2019 9:17	PAINT	1.02	mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE		ROOM2B	Negative	4.02		1 < LOD	0.29
38	4/4/2019 9:17	PAINT	1.02	mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE		ROOM2B	Negative	1		1 < LOD	0.03
39	4/4/2019 9:20	PAINT	1.8	mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE		ROOM4	Null	4.57		1 < LOD	0.4
40	4/4/2019 9:21	PAINT	1.56	mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE		ROOM4	Negative	1.37		1 < LOD	0.11
41	4/4/2019 9:23	PAINT	2.78	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		ROOM4	Negative	2.02		1 < LOD	0.08
42	4/4/2019 9:23	PAINT	0.34	mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE		ROOM4	Null	10		1 < LOD	0.59
43	4/4/2019 9:24	PAINT	2.28	mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE		ROOM4	Negative	1.86		1 < LOD	0.03
44	4/4/2019 9:25	PAINT	3.06	mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE		ROOM4	Negative	1		1 < LOD	0.03
45	4/4/2019 9:25	PAINT	1.85	mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE		ROOM4	Negative	1		1 < LOD	0.03
46	4/4/2019 9:26	PAINT	1.02	mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN		ROOM4	Negative	3.74		1 < LOD	0.43
47	4/4/2019 9:26	PAINT	1.02	mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN		ROOM4	Negative	1		1 < LOD	0.03
48	4/4/2019 9:28	PAINT	0.15	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		ROOM4a	Null	1		1 < LOD	0.14
49	4/4/2019 9:28	PAINT	0.24	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		ROOM4a	Null	1		1 < LOD	0.1
50	4/4/2019 9:28	PAINT	3.06	mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE		ROOM4a	Negative	3.15		1 < LOD	1.16
51	4/4/2019 9:29	PAINT	2.43	mg / cm ^2	Final	WALL	PLASTER	A	FAIR	BEIGE		ROOM4a	Negative	3.66		1 < LOD	0.22

52	4/4/2019 9:30	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	BEIGE	ROOM4a	Negative	6.1	1 < LOD	0.2
53	4/4/2019 9:31	PAINT	0.73 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM4a	Null	1	1 < LOD	0.04
54	4/4/2019 9:31	PAINT	1.9 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM4a	Negative	1.41	1 < LOD	0.04
55	4/4/2019 9:32	PAINT	0.97 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	BEIGE	ROOM4a	Null	1	1 < LOD	0.04
56	4/4/2019 9:32	PAINT	1.51 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	BEIGE	ROOM4a	Negative	1	1 < LOD	0.03
57	4/4/2019 9:34	PAINT	1.02 mg / cm ^2	Final	CEILING	DRYWALL	A	FAIR	BEIGE	ROOM4b	Negative	1	1 < LOD	0.03
58	4/4/2019 9:35	PAINT	1.46 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM4b	Negative	4.89	1 < LOD	0.13
59	4/4/2019 9:35	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM4b	Negative	1.01	1 < LOD	0.03
60	4/4/2019 9:36	PAINT	2.29 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM4b	Negative	7.89	1 < LOD	0.25
61	4/4/2019 9:36	PAINT	1.56 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM4b	Negative	1.09	1 < LOD	0.03
62	4/4/2019 9:37	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BEIGE	ROOM4b	Negative	1.83	1 < LOD	0.06
63	4/4/2019 9:38	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BEIGE	ROOM4b	Negative	2.36	1 < LOD	1.55
64	4/4/2019 9:39	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN	ROOM5	Negative	1	1 < LOD	0.03
65	4/4/2019 9:40	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM5	Negative	1	1 < LOD	0.03
66	4/4/2019 9:41	PAINT	1.27 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	WHITE	ROOM5	Negative	1.15	1 < LOD	0.03
67	4/4/2019 9:42	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM5	Negative	1	1 < LOD	0.03
68	4/4/2019 9:43	PAINT	1.41 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM5	Negative	1.05	1 < LOD	0.03
69	4/4/2019 9:43	PAINT	2.97 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM5	Null	1	1 < LOD	0.03
70	4/4/2019 9:44	PAINT	1.51 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM5	Negative	1	1 < LOD	0.03
71	4/4/2019 9:45	PAINT	1.41 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM5	Null	1	1 < LOD	0.03
72	4/4/2019 9:45	PAINT	0.97 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM5	Null	1	1 < LOD	0.05
73	4/4/2019 9:46	PAINT	2.43 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM5	Negative	1	1 < LOD	0.03
74	4/4/2019 9:48	PAINT	1.31 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BLUE	ROOM6	Negative	1	1 < LOD	0.03
75	4/4/2019 9:48	PAINT	1.42 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BLUE	ROOM6	Negative	1	1 < LOD	0.03
76	4/4/2019 9:49	PAINT	1.41 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BLUE	ROOM6	Negative	1	1 < LOD	0.03
77	4/4/2019 9:50	PAINT	1.46 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BLUE	ROOM6	Negative	1	1 < LOD	0.03
78	4/4/2019 9:50	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN	ROOM6	Negative	1.15	1 < LOD	0.05
79	4/4/2019 9:51	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM6	Negative	1	1 < LOD	0.03
80	4/4/2019 9:53	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM7	Negative	1	1 < LOD	0.03
81	4/4/2019 9:53	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN	ROOM7	Negative	1	1 < LOD	0.05
82	4/4/2019 9:54	PAINT	1.07 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BLUE	ROOM7	Negative	1	1 < LOD	0.03
83	4/4/2019 9:54	PAINT	1.41 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BLUE	ROOM7	Negative	1	1 < LOD	0.03
84	4/4/2019 9:55	PAINT	1.17 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BLUE	ROOM7	Negative	1	1 < LOD	0.03
85	4/4/2019 9:56	PAINT	1.56 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BLUE	ROOM7	Negative	1	1 < LOD	0.03
86	4/4/2019 9:58	PAINT	1.36 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	HALLN	Negative	1	1 < LOD	0.03
87	4/4/2019 9:59	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	HALLN	Negative	1	1 < LOD	0.03
88	4/4/2019 9:59	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	HALLN	Negative	1	1 < LOD	0.03
89	4/4/2019 10:01	PAINT	1.6 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 8	Negative	1	1 < LOD	0.03
90	4/4/2019 10:02	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 8	Negative	1	1 < LOD	0.03
91	4/4/2019 10:03	PAINT	1.75 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 8	Negative	1	1 < LOD	0.03
92	4/4/2019 10:04	PAINT	1.27 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 8	Negative	1	1 < LOD	0.03
93	4/4/2019 10:05	PAINT	3.07 mg / cm ^2	Final	WALL	DRYWALLBRICK	D	FAIR	BEIGE	ROOM 8	Negative	1.07	1 < LOD	0.03
94	4/4/2019 10:06	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 8	Negative	1.2	1 < LOD	0.06
95	4/4/2019 10:06	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 8	Negative	1	1 < LOD	0.06
96	4/4/2019 10:08	PAINT	1.17 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 8	Null	4.9	1 < LOD	0.57
97	4/4/2019 10:09	PAINT	3.07 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 8	Negative	2.14	1 < LOD	0.08
98	4/4/2019 10:11	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM 9	Negative	1	1 < LOD	0.04
99	4/4/2019 10:12	PAINT	0.88 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM 9	Negative	1	1 < LOD	0.03
100	4/4/2019 10:13	PAINT	1.55 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 9	Negative	1	1 < LOD	0.03
101	4/4/2019 10:14	PAINT	1.5 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 9	Negative	1	1 < LOD	0.03
102	4/4/2019 10:15	PAINT	0.39 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 10	Null	1	1 < LOD	0.03
103	4/4/2019 10:15	PAINT	1.7 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 10	Negative	1	1 < LOD	0.03

104	4/4/2019 10:16	PAINT	1.07 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 10	Negative	1	1 < LOD	0.03
105	4/4/2019 10:17	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN	ROOM 10	Negative	1.09	1 < LOD	0.05
106	4/4/2019 10:18	PAINT	2.09 mg / cm ^2	Final	CEILING	METAL	C	FAIR	WHITE	ROOM 10	Negative	1	1 < LOD	0.03
107	4/4/2019 10:20	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 11	Negative	1	1 < LOD	0.03
108	4/4/2019 10:21	PAINT	2.14 mg / cm ^2	Final	WALL	PLASTER	B	FAIR	BEIGE	ROOM 11	Negative	5.56	1 < LOD	0.38
109	4/4/2019 10:21	PAINT	0.2 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	BEIGE	ROOM 11	Null	1	1 < LOD	0.03
110	4/4/2019 10:22	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 11	Null	1	1 < LOD	0.03
111	4/4/2019 10:22	PAINT	1.31 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 11	Negative	1	1 < LOD	0.03
112	4/4/2019 10:23	PAINT	1.75 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 11	Negative	1	1 < LOD	0.03
113	4/4/2019 10:24	PAINT	2.18 mg / cm ^2	Final	COLUMN	DRYWALL	C	FAIR	BEIGE	ROOM 11	Negative	1.87	1 < LOD	0.03
114	4/4/2019 10:25	PAINT	2.92 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	BEIGE	ROOM 11	Null	1.84	1 < LOD	0.1
115	4/4/2019 10:25	PAINT	0.44 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	BEIGE	ROOM 11	Null	1	1 < LOD	0.14
116	4/4/2019 10:26	PAINT	2.28 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	BEIGE	ROOM 11	Negative	1.52	1 < LOD	0.03
117	4/4/2019 10:27	PAINT	0.58 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BROWN	ROOM 11	Null	1.08	1 < LOD	0.18
118	4/4/2019 10:27	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BROWN	ROOM 11	Negative	1.56	1 < LOD	0.15
119	4/4/2019 10:27	PAINT	0.93 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 11	Null	1	1 < LOD	0.04
120	4/4/2019 10:28	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 11	Negative	1	1 < LOD	0.03
121	4/4/2019 10:28	PAINT	0.15 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 12	Null	1	1 < LOD	0.03
122	4/4/2019 10:29	PAINT	1.03 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 12	Negative	1	1 < LOD	0.03
123	4/4/2019 10:29	PAINT	0.2 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 12	Null	1	1 < LOD	0.03
124	4/4/2019 10:30	PAINT	1.65 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 12	Negative	1	1 < LOD	0.03
125	4/4/2019 10:30	PAINT	1.99 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 12	Negative	2.08	1 < LOD	0.23
126	4/4/2019 10:31	PAINT	1.07 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 12	Negative	1	1 < LOD	0.03
127	4/4/2019 10:31	PAINT	1.36 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 12	Negative	1	1 < LOD	0.03
128	4/4/2019 10:32	PAINT	2.14 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	BEIGE	ROOM 12	Negative	2	1 < LOD	0.05
129	4/4/2019 10:33	PAINT	1.02 mg / cm ^2	Final	WINDOW	METAL	A	FAIR	BEIGE	ROOM 12	Negative	2.98	1 < LOD	0.36
130	4/4/2019 10:35	PAINT	2.14 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 13	Negative	1	1 < LOD	0.03
131	4/4/2019 10:36	PAINT	1.07 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 13	Negative	1	1 < LOD	0.03
132	4/4/2019 10:37	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 13	Negative	1.79	1 < LOD	0.05
133	4/4/2019 10:41	PAINT	2.29 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 13	Negative	1	1 0	0.02
134	4/4/2019 10:41	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 13	Negative	1	1 0.01	0.03
135	4/4/2019 10:42	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 13	Negative	1	1 0	0.02
136	4/4/2019 10:49	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM 14	Negative	1	1 0	0.03
137	4/4/2019 10:51	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	FAIR	GRAY	ROOM 14	Negative	1	1 0	0.02
138	4/4/2019 10:52	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	FAIR	GRAY	ROOM 14	Negative	1	1 0	0.02
139	4/4/2019 10:52	PAINT	0.15 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	WHITE	ROOM 14	Null	1	1 0	0.02
140	4/4/2019 10:53	PAINT	2.39 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	WHITE	ROOM 14	Negative	1	1 0	0.02
141	4/4/2019 10:54	PAINT	0.73 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 14	Null	1	1 0	0.02
142	4/4/2019 10:54	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 14	Null	1	1 0	0.02
143	4/4/2019 10:54	PAINT	1.12 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 14	Null	1	1 0	0.02
144	4/4/2019 10:55	PAINT	1.61 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 14	Negative	1	1 0	0.02
145	4/4/2019 10:56	PAINT	3.06 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	WHITE	ROOM 14	Negative	1	1 0	0.02
146	4/4/2019 10:57	PAINT	3.41 mg / cm ^2	Final	CEILING	PLASTER	A	FAIR	WHITE	ROOM 14	Null	3.61	1 0.06	0.07
147	4/4/2019 10:58	PAINT	1.02 mg / cm ^2	Final	CEILING	PLASTER	A	FAIR	WHITE	ROOM 14	Negative	1	1 0	0.02
148	4/4/2019 11:00	PAINT	2.73 mg / cm ^2	Final	CEILING	DRYWALL	A	FAIR	GREEN	ROOM 15	Negative	2.31	1 0.12	0.12
149	4/4/2019 11:01	PAINT	2.62 mg / cm ^2	Final	CEILING	PLASTER	B	FAIR	GREEN	ROOM 15	Negative	2.21	1 0.04	0.07
150	4/4/2019 11:02	PAINT	2.76 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	GREEN	ROOM 15	Negative	4.23	1 0.1	0.17
151	4/4/2019 11:03	PAINT	3.07 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	GREEN	ROOM 15	Negative	1	1 0	0.02
152	4/4/2019 11:03	PAINT	1.7 mg / cm ^2	Final	CEILING	PLASTER	A	FAIR	GREEN	ROOM 15	Negative	3.65	1 0.08	0.17
153	4/4/2019 11:04	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	GREEN	ROOM 15	Negative	1	1 0.02	0.05
154	4/4/2019 11:05	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM 15	Negative	1	1 0.04	0.07
155	4/4/2019 11:06	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	BROWN	ROOM 16	Negative	1	1 0	0.02

156	4/4/2019 11:07	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	C	FAIR	BROWN	ROOM 16	Negative	1.35	1	0.05	0.1
157	4/4/2019 11:08	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	C	POOR	BEIGE	ROOM 16	Negative	1	1	0.02	0.02
158	4/4/2019 11:09	PAINT	3.06 mg / cm ^2	Final	WALL	PLASTER	D	POOR	BEIGE	ROOM 16	Negative	2.25	1	0.05	0.05
159	4/4/2019 11:10	PAINT	2.38 mg / cm ^2	Final	WALL	PLASTER	A	POOR	BEIGE	ROOM 16	Negative	1.21	1	0.03	0.04
160	4/4/2019 11:11	PAINT	1.02 mg / cm ^2	Final	WALL	PLASTER	B	POOR	BEIGE	ROOM 16	Negative	1	1	0.02	0.05
161	4/4/2019 11:13	PAINT	3.07 mg / cm ^2	Final	CEILING	PLASTER	B	POOR	BEIGE	ROOM 16	Negative	1	1	0	0.02
162	4/4/2019 11:13	PAINT	1.02 mg / cm ^2	Final	WALL	WOOD	B	POOR	BEIGE	ROOM 16	Negative	1	1	0.01	0.04
163	4/4/2019 11:14	PAINT	1.02 mg / cm ^2	Final	WINDOW	METAL	B	POOR	BEIGE	ROOM 16	Negative	1	1	0.02	0.05
164	4/4/2019 11:15	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	A	POOR	BEIGE	ROOM 16	Negative	1.1	1	0.03	0.06
165	4/4/2019 11:16	PAINT	0.78 mg / cm ^2	Final	WALL	DRYWALL	A	POOR	BEIGE	ROOM HALLE	Null	1	1	0	0.02
166	4/4/2019 11:17	PAINT	2.87 mg / cm ^2	Final	WALL	DRYWALL	A	POOR	BEIGE	ROOM HALLE	Negative	1	1	0	0.02
167	4/4/2019 11:17	PAINT	1.46 mg / cm ^2	Final	WALL	DRYWALL	B	POOR	BEIGE	ROOM HALLE	Negative	1	1	0	0.02
168	4/4/2019 11:18	PAINT	1.36 mg / cm ^2	Final	WALL	DRYWALL	C	POOR	BEIGE	ROOM HALLE	Negative	1	1	0	0.02
169	4/4/2019 11:20	PAINT	2.14 mg / cm ^2	Final	WALL	PLASTER	A	POOR	BEIGE	ROOM 17	Negative	7.01	1	0.05	0.18
170	4/4/2019 11:21	PAINT	1.85 mg / cm ^2	Final	WALL	PLASTER	B	POOR	BEIGE	ROOM 17	Negative	1	1	0	0.02
171	4/4/2019 11:21	PAINT	1.02 mg / cm ^2	Final	WALL	PLASTER	C	POOR	BEIGE	ROOM 17	Negative	1	1	0	0.02
172	4/4/2019 11:22	PAINT	2.19 mg / cm ^2	Final	WALL	PLASTER	D	POOR	BEIGE	ROOM 17	Negative	5.14	1	0.03	0.1
173	4/4/2019 11:23	PAINT	1.56 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 17	Negative	1	1	0	0.02
174	4/4/2019 11:24	PAINT	3.51 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	BEIGE	ROOM 17b	Null	10	1	0.1	0.19
175	4/4/2019 11:25	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	BEIGE	ROOM 17b	Negative	5.75	1	0.05	0.1
176	4/4/2019 11:25	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 17b	Negative	1	1	0	0.02
177	4/4/2019 11:26	PAINT	1.9 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 17b	Negative	1	1	0	0.02
178	4/4/2019 11:27	PAINT	2.63 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 17b	Negative	1	1	0	0.02
179	4/4/2019 11:27	PAINT	1.17 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	BEIGE	ROOM 17b	Negative	1	1	0	0.02
180	4/4/2019 11:28	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BROWN	ROOM 17b	Negative	1	1	0	0.03
181	4/4/2019 11:29	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 17b	Negative	1	1	0	0.02
182	4/4/2019 11:41	PAINT	8 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Positive	1.16	1	1.1	0.1
183	4/4/2019 11:44	PAINT	13.88 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Null	1.1	1	1	0.1
184	4/4/2019 11:45	PAINT	5.39 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Negative	1	1	0.9	0.1
185	4/4/2019 11:46	PAINT	4.03 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Null	1.06	1	0.9	0.1
186	4/4/2019 11:48	PAINT	8.44 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Null	1.11	1	1	0.1
187	4/4/2019 11:49	PAINT	3.11 mg / cm ^2	Final	DOOR	WOOD	CALIBRATE	FAIR	BROWN	ROOM 18	Positive	1.2	1	1.2	0.2
188	4/4/2019 12:17	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	BROWN	ROOM 18	Negative	1	1	0	0.02
189	4/4/2019 12:17	PAINT	1.02 mg / cm ^2	Final	DOOR	DRYWALL	A	FAIR	BROWN	ROOM 18	Negative	2.64	1	0.05	0.14
190	4/4/2019 12:19	PAINT	3.02 mg / cm ^2	Final	TRIM	MINIBLIND	A	FAIR	WHITE	ROOM 18	Negative	6.35	1	0.24	0.2
191	4/4/2019 12:24	PAINT	1.85 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 18	Negative	1.84	1	0	0.03
192	4/4/2019 12:25	PAINT	3.06 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 18	Negative	1	1	0	0.02
193	4/4/2019 12:27	PAINT	3.75 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 18	Negative	6.61	1	0.14	0.14
194	4/4/2019 12:27	PAINT	3.07 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 18	Negative	6.04	1	0.3	0.23
195	4/4/2019 12:29	PAINT	0.98 mg / cm ^2	Final	ZIF DUCT	WOOD	D	FAIR	WHITE	ROOM 18	Null	1	1	0	0.02
196	4/4/2019 12:29	PAINT	1.02 mg / cm ^2	Final	ZIF DUCT	WOOD	D	FAIR	WHITE	ROOM 18	Negative	4.48	1	0.06	0.21
197	4/4/2019 12:30	PAINT	1.02 mg / cm ^2	Final	WINDOW	METAL	D	FAIR	WHITE	ROOM 18	Negative	3.61	1	0.07	0.19
198	4/4/2019 12:34	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	WHITE	ROOM 18B	Negative	1.91	1	0	0.02
199	4/4/2019 12:35	PAINT	2.58 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 18B	Negative	1	1	0	0.02
200	4/4/2019 12:35	PAINT	1.7 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 18B	Negative	1	1	0	0.02
201	4/4/2019 12:36	PAINT	1.26 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 18B	Negative	1.53	1	0	0.02
202	4/4/2019 12:36	PAINT	1.02 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 18B	Negative	1	1	0	0.02
203	4/4/2019 12:37	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 18B	Negative	1	1	0	0.02
204	4/4/2019 12:37	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 18B	Negative	2.51	1	0.02	0.09
205	4/4/2019 12:39	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 19	Negative	1	1	0	0.02
206	4/4/2019 12:40	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	FAIR	BROWN	ROOM 19	Negative	1.51	1	0.02	0.07
207	4/4/2019 12:41	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	GREEN	ROOM 19	Negative	4.2	1	0.08	0.09

208	4/4/2019 12:42	PAINT	3.5 mg / cm ^2	Final	WALL	PLASTER	B	FAIR	GREEN	ROOM 19	Negative	7.55	1	0.15	0.17
209	4/4/2019 12:43	PAINT	1.02 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	GREEN	ROOM 19	Negative	1	1	0	0.02
210	4/4/2019 12:48	PAINT	2.52 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	GREEN	ROOM 19	Negative	3.69	1	0.05	0.12
211	4/4/2019 12:49	PAINT	2.87 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	GREEN	ROOM 19	Negative	5.1	1	0.12	0.2
212	4/4/2019 12:49	PAINT	1.02 mg / cm ^2	Final	COLUMN	METAL	D	FAIR	WHITE	ROOM 19	Negative	4.46	1	0.05	0.19
213	4/4/2019 12:50	PAINT	1.03 mg / cm ^2	Final	AIR DUCT	WOOD	C	FAIR	WHITE	ROOM 19	Negative	1.25	1	0.01	0.03
214	4/4/2019 12:52	PAINT	1.71 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Null	1.87	1	0.11	0.13
215	4/4/2019 12:53	PAINT	2.53 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Negative	1.55	1	0.11	0.09
216	4/4/2019 12:55	PAINT	7.83 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Null	1.96	1	0.14	0.05
217	4/4/2019 12:56	PAINT	0.68 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Null	1.58	1	0.08	0.21
218	4/4/2019 12:56	PAINT	3.07 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Negative	1.55	1	0.08	0.05
219	4/4/2019 12:57	PAINT	2.63 mg / cm ^2	Final	AIR DUCT	PLASTER	A	FAIR	WHITE	ROOM 20	Negative	1	1	0.01	0.03
220	4/4/2019 12:58	PAINT	1.85 mg / cm ^2	Final	AIR DUCT	PLASTER	D	FAIR	WHITE	ROOM 20	Null	1.59	1	0.07	0.09
221	4/4/2019 12:59	PAINT	3.07 mg / cm ^2	Final	AIR DUCT	PLASTER	D	FAIR	WHITE	ROOM 20	Negative	2.56	1	0.12	0.08
222	4/4/2019 13:01	PAINT	1.02 mg / cm ^2	Final	WALL	MINIBLIND	D	FAIR	BROWN	ROOM 20	Negative	5.4	1	0.17	0.38
223	4/4/2019 13:01	PAINT	1.02 mg / cm ^2	Final	WALL	WOOD	A	FAIR	BROWN	ROOM 20	Negative	1	1	0	0.02
224	4/4/2019 13:03	PAINT	1.02 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	WHITE	ROOM 21	Negative	1	1	0	0.02
225	4/4/2019 13:04	PAINT	4.57 mg / cm ^2	Final	WALL	PLASTER	B	FAIR	WHITE	ROOM 21	Negative	7.94	1	0.16	0.15
226	4/4/2019 13:05	PAINT	2.04 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 21	Negative	3.04	1	0.01	0.06
227	4/4/2019 13:06	PAINT	1.7 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 21	Negative	1	1	0	0.02
228	4/4/2019 13:07	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 21	Negative	1	1	0	0.03
229	4/4/2019 13:08	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 21	Negative	1	1	0	0.02
230	4/4/2019 13:09	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 21b	Negative	1.93	1	0.06	0.13
231	4/4/2019 13:09	PAINT	1.02 mg / cm ^2	Final	DOOR	MINIBLIND	B	FAIR	WHITE	ROOM 21b	Negative	4.2	1	0.13	0.29
232	4/4/2019 13:11	PAINT	2.63 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 21b	Negative	4.24	1	0.06	0.12
233	4/4/2019 13:12	PAINT	2.63 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 21b	Negative	4.29	1	0.04	0.11
234	4/4/2019 13:12	PAINT	0.39 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 21b	Null	1	1	0	0.03
235	4/4/2019 13:13	PAINT	2.58 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 21b	Negative	1.95	1	0.02	0.04
236	4/4/2019 13:14	PAINT	2.19 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	oramE	ROOM 21b	Negative	5.15	1	0.05	0.14
237	4/4/2019 13:15	PAINT	2.34 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 21b	Negative	2.09	1	0	0.03
238	4/4/2019 13:17	PAINT	3.07 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 22	Negative	1.95	1	0.04	0.04
239	4/4/2019 13:17	PAINT	0.19 mg / cm ^2	Final	CEILING	CONCRETE	A	FAIR	WHITE	ROOM 22	Null	1	1	0	0.07
240	4/4/2019 13:18	PAINT	3.07 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 22	Negative	1.43	1	0.01	0.02
241	4/4/2019 13:19	PAINT	2.82 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 22	Null	1	1	0.01	0.02
242	4/4/2019 13:20	PAINT	3.07 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 22	Negative	1	1	0.01	0.02
243	4/4/2019 13:21	PAINT	2.24 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	BLUE	ROOM 22	Negative	1	1	0.01	0.02
244	4/4/2019 13:22	PAINT	2.34 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 22	Negative	1	1	0.01	0.02
245	4/4/2019 13:23	PAINT	1.02 mg / cm ^2	Final	DOOR	MINIBLIND	D	FAIR	WHITE	ROOM 22	Negative	1	1	0	0.02
246	4/4/2019 13:24	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	YELLOW	ROOM 22	Negative	1	1	0.01	0.03
247	4/4/2019 13:24	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 22	Negative	1	1	0.01	0.03
248	4/4/2019 13:25	PAINT	1.7 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	YELLOW	ROOM 22	Negative	2.1	1	0.02	0.06
249	4/4/2019 13:26	PAINT	3.07 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	YELLOW	ROOM 22	Negative	3.78	1	0.04	0.06
250	4/4/2019 13:27	PAINT	2.14 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	YELLOW	ROOM 22	Negative	1.13	1	0	0.02
251	4/4/2019 13:28	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	YELLOW	ROOM 22	Negative	1.66	1	0.03	0.08
252	4/4/2019 13:29	PAINT	1.65 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 22	Null	2.45	1	0.07	0.12
253	4/4/2019 13:29	PAINT	0.2 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 22	Null	5.48	1	0.14	0.93
254	4/4/2019 13:30	PAINT	1.02 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 22	Negative	1.61	1	0.02	0.06
255	4/4/2019 13:31	PAINT	0.29 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 24	Null	1	1	0.02	0.11
256	4/4/2019 13:31	PAINT	1.02 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 24	Negative	1.04	1	0.02	0.04
257	4/4/2019 13:32	PAINT	2.14 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 24	Negative	1	1	0	0.02
258	4/4/2019 13:33	PAINT	1.65 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 24	Negative	1.17	1	0.01	0.02
259	4/4/2019 13:33	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 24	Negative	1	1	0	0.02

260	4/4/2019 13:34	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	LEFT	FAIR	WHITE	ROOM 24	Negative	1	1	0	0.02
261	4/4/2019 13:35	PAINT	1.02 mg / cm ^2	Final	DOOR	MINIBLIND	D	FAIR	BLUE	ROOM 24	Negative	1	1	0	0.02
262	4/4/2019 13:36	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 24	Negative	2.2	1	0.02	0.08
263	4/4/2019 13:39	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 25-26	Negative	1	1	0	0.04
264	4/4/2019 13:39	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	BROWN	ROOM 25-26	Negative	4.84	1	0.07	0.23
265	4/4/2019 13:40	PAINT	1.02 mg / cm ^2	Final	WALL	WOOD	D	FAIR	BROWN	ROOM 25-26	Negative	1	1	0	0.02
266	4/4/2019 13:41	PAINT	0.44 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	GREEN	ROOM 25-26	Null	3.18	1	0.03	0.21
267	4/4/2019 13:41	PAINT	2.38 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	GREEN	ROOM 25-26	Null	1	1	0.01	0.02
268	4/4/2019 13:42	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	GREEN	ROOM 25-26	Negative	1.17	1	0	0.03
269	4/4/2019 13:43	PAINT	1.03 mg / cm ^2	Final	CHIMNEY	WOOD	D	FAIR	WHITE	ROOM 25-26	Negative	1	1	0	0.02
270	4/4/2019 13:44	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	BROWN	ROOM 25-26	Negative	1	1	0	0.02
271	4/4/2019 13:44	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	BROWN	ROOM 25-26	Negative	1	1	0	0.02
272	4/4/2019 13:46	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 27	Negative	3.08	1	0.04	0.14
273	4/4/2019 13:47	PAINT	0.68 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 27	Null	2.77	1	0.05	0.22
274	4/4/2019 13:47	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 27	Negative	3.11	1	0.04	0.14
275	4/4/2019 13:48	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 27	Negative	1.09	1	0.01	0.04
276	4/4/2019 13:49	PAINT	2.05 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 27	Negative	1	1	0	0.02
277	4/4/2019 13:51	PAINT	1.65 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 27	Null	2.3	1	0.07	0.12
278	4/4/2019 13:51	PAINT	1.07 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 27	Null	2.41	1	0.06	0.14
279	4/4/2019 13:52	PAINT	1.75 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 27	Negative	1	1	0	0.02
280	4/4/2019 13:54	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 28	Negative	1.85	1	0.03	0.09
281	4/4/2019 13:55	PAINT	1.03 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	WHITE	ROOM 28	Negative	1	1	0.01	0.03
282	4/4/2019 13:56	PAINT	3.11 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 28	Negative	5.47	1	0.05	0.9
283	4/4/2019 13:57	PAINT	0.15 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 28	Null	1	1	0.01	0.09
284	4/4/2019 13:57	PAINT	0.83 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 28	Null	3.25	1	0.08	0.29
285	4/4/2019 13:58	PAINT	0.78 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 28	Null	3.11	1	0.05	0.24
286	4/4/2019 13:58	PAINT	2.68 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 28	Negative	1.41	1	0.02	0.04
287	4/4/2019 13:59	PAINT	1.02 mg / cm ^2	Final	CHIMNEY	DRYWALL	C	FAIR	WHITE	ROOM 28	Negative	7.2	1	0.21	0.53
288	4/4/2019 14:00	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 28	Negative	2.18	1	0.04	0.11
289	4/4/2019 14:01	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	BROWN	ROOM 28	Negative	1	1	0	0.02
290	4/4/2019 14:02	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	B	FAIR	WHITE	ROOM 28	Negative	1	1	0	0.02
291	4/4/2019 14:02	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	B	FAIR	WHITE	ROOM 28	Negative	1.53	1	0.01	0.06
292	4/4/2019 14:05	PAINT	0.53 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 29	Null	1	1	0.01	0.07
293	4/4/2019 14:06	PAINT	1.8 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 29	Negative	1.58	1	0.01	0.04
294	4/4/2019 14:07	PAINT	3.06 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	BLUE	ROOM 29	Negative	1.5	1	0.01	0.02
295	4/4/2019 14:08	PAINT	1.66 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	BLUE	ROOM 29	Null	2.75	1	0.02	0.06
296	4/4/2019 14:08	PAINT	2.87 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	BLUE	ROOM 29	Negative	1	1	0	0.02
297	4/4/2019 14:09	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	BLUE	ROOM 29	Negative	4.27	1	0.05	0.19
298	4/4/2019 14:10	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 29	Negative	1.84	1	0.02	0.08
299	4/4/2019 14:11	PAINT	1.02 mg / cm ^2	Final	CEILING	CONCRETE	C	FAIR	WHITE	ROOM 29	Negative	1	1	0.01	0.03
300	4/4/2019 14:12	PAINT	0.63 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 29	Null	1.34	1	0.02	0.09
301	4/4/2019 14:12	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 29	Negative	3.31	1	0.07	0.19
302	4/4/2019 14:12	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	D	FAIR	WHITE	ROOM 29	Negative	1	1	0	0.03
303	4/4/2019 14:14	PAINT	0.78 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	WHITE	ROOM 41	Null	10	1	0.25	1.03
304	4/4/2019 14:15	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	WHITE	ROOM 41	Negative	1	1	0.01	0.04
305	4/4/2019 14:15	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	BROWN	ROOM 41	Negative	1	1	0	0.02
306	4/4/2019 14:16	PAINT	1.95 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	BEIGE	ROOM 41	Negative	1	1	0	0.02
307	4/4/2019 14:17	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	BEIGE	ROOM 41	Negative	1	1	0	0.03
308	4/4/2019 14:18	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	BEIGE	ROOM 41	Negative	2.87	1	0.02	0.09
309	4/4/2019 14:19	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 41	Negative	1	1	0	0.02
310	4/4/2019 14:19	PAINT	0.97 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 41	Null	1.54	1	0.03	0.11
311	4/4/2019 14:20	PAINT	2.14 mg / cm ^2	Final	CEILING	DRYWALL	D	FAIR	WHITE	ROOM 41	Negative	2.47	1	0.08	0.12

312	4/4/2019 14:21	PAINT	1.02 mg / cm ^2	Final	DOOR	DRYWALL	C	FAIR	BEIGE	ROOM 41	Negative	1	1	0.02	0.04
313	4/4/2019 14:23	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 41a	Negative	1	1	0	0.02
314	4/4/2019 14:24	PAINT	1.02 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	WHITE	ROOM 41a	Negative	1	1	0	0.02
315	4/4/2019 14:24	PAINT	1.51 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 41a	Negative	1	1	0	0.02
316	4/4/2019 14:26	PAINT	2.87 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	WHITE	ROOM 41a	Negative	1.17	1	0	0.02
317	4/4/2019 14:26	PAINT	1.02 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 41a	Negative	1	1	0	0.02
318	4/4/2019 14:27	PAINT	1.02 mg / cm ^2	Final	DOOR	MINIBLIND	D	FAIR	RED	ROOM 41a	Negative	1	1	0.01	0.03
319	4/4/2019 14:28	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 41a	Negative	1	1	0	0.02
320	4/4/2019 14:33	PAINT	1.03 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 30	Negative	1.97	1	0.02	0.08
321	4/4/2019 14:34	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 30	Negative	3.24	1	0.05	0.15
322	4/4/2019 14:35	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 30	Negative	1.05	1	0.01	0.04
323	4/4/2019 14:36	PAINT	1.8 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 30	Negative	1.6	1	0.02	0.05
324	4/4/2019 14:37	PAINT	2.87 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	YELLOW	ROOM 30	Negative	1.17	1	0.02	0.03
325	4/4/2019 14:40	PAINT	2.19 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	WHITE	ROOM 30	Negative	1	1	0.01	0.02
326	4/4/2019 14:42	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	WHITE	ROOM 30	Negative	3.79	1	0.1	0.25
327	4/4/2019 14:43	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	YELLOW	ROOM 30	Negative	2.35	1	0.06	0.15
328	4/4/2019 14:45	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	C	FAIR	WHITE	ROOM 30	Negative	3.62	1	0.13	0.36
329	4/4/2019 14:45	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	C	FAIR	WHITE	ROOM 30	Negative	2.39	1	0.06	0.19
330	4/4/2019 14:49	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	oramge	ROOM 31	Negative	1.53	1	0.01	0.05
331	4/4/2019 14:50	PAINT	1.8 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	oramge	ROOM 31	Negative	1	1	0.01	0.02
332	4/4/2019 14:51	PAINT	1.46 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 31	Null	1	1	0	0.02
333	4/4/2019 14:51	PAINT	2.24 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 31	Negative	1.39	1	0.01	0.03
334	4/4/2019 14:52	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 31	Negative	3.25	1	0.04	0.14
335	4/4/2019 14:54	PAINT	0.73 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 31	Null	1	1	0.02	0.08
336	4/4/2019 14:55	PAINT	2.28 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 31	Negative	1	1	0.01	0.03
337	4/4/2019 14:56	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	D	FAIR	WHITE	ROOM 31	Negative	2.82	1	0.05	0.15
338	4/4/2019 14:56	PAINT	0.15 mg / cm ^2	Final	CABINET	WOOD	D	FAIR	WHITE	ROOM 31	Null	1	1	0.03	0.2
339	4/4/2019 14:56	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	D	FAIR	WHITE	ROOM 31	Negative	4.4	1	0.13	0.31
340	4/4/2019 14:57	PAINT	0.24 mg / cm ^2	Final	FIREPLACE	WOOD	C	FAIR	ORANGE	ROOM 31	Null	1	1	0	0.05
341	4/4/2019 14:57	PAINT	1.07 mg / cm ^2	Final	FIREPLACE	WOOD	C	FAIR	ORANGE	ROOM 31	Negative	7.41	1	0.13	0.41
342	4/4/2019 14:58	PAINT	1.03 mg / cm ^2	Final	DOOR	WOOD	C	FAIR	WHITE	ROOM 31	Negative	2.2	1	0.04	0.12
343	4/4/2019 14:59	PAINT	0.15 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 31	Null	1	1	0.01	0.09
344	4/4/2019 15:00	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 31	Negative	5.47	1	0.1	0.3
345	4/4/2019 15:00	PAINT	0.34 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 31	Null	1	1	0	0.05
346	4/4/2019 15:01	PAINT	2.23 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 32	Negative	2.16	1	0.03	0.07
347	4/4/2019 15:02	PAINT	2.29 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 32	Negative	1.61	1	0.02	0.04
348	4/4/2019 15:04	PAINT	1.95 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 33	Negative	1	1	0	0.02
349	4/4/2019 15:04	PAINT	1.95 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 33	Negative	2.23	1	0.01	0.04
350	4/4/2019 15:05	PAINT	0.68 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 33	Null	1	1	0	0.04
351	4/4/2019 15:06	PAINT	3.07 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 33	Negative	1	1	0	0.02
352	4/4/2019 15:06	PAINT	1.51 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 33	Negative	3.75	1	0.11	0.2
353	4/4/2019 15:07	PAINT	2.29 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 33	Negative	1.61	1	0.01	0.02
354	4/4/2019 15:09	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 34	Negative	1	1	0.01	0.03
355	4/4/2019 15:10	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 34	Negative	1.09	1	0.01	0.03
356	4/4/2019 15:11	PAINT	2.38 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 34	Negative	1.11	1	0.01	0.02
357	4/4/2019 15:14	PAINT	2 mg / cm ^2	Final	WALL	CONCRETE	A	FAIR	WHITE	ROOM 35	Negative	2.43	1	0.01	0.05
358	4/4/2019 15:15	PAINT	1.22 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 35	Null	1	1	0	0.02
359	4/4/2019 15:15	PAINT	0.68 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 35	Null	1	1	0	0.02
360	4/4/2019 15:16	PAINT	1.03 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 35	Negative	1	1	0	0.02
361	4/4/2019 15:16	PAINT	1.7 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 35	Negative	2.21	1	0.01	0.05
362	4/4/2019 15:17	PAINT	1.27 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 35	Null	1	1	0	0.02
363	4/4/2019 15:17	PAINT	2.44 mg / cm ^2	Final	WALL	CONCRETE	D	FAIR	WHITE	ROOM 35	Negative	6.87	1	0.05	0.15

364	4/4/2019 15:18	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 35	Negative	3.26	1	0.06	0.16
365	4/4/2019 15:19	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BROWN	ROOM 35	Negative	1.24	1	0.01	0.05
366	4/4/2019 15:20	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 36	Negative	4.1	1	0.04	0.16
367	4/4/2019 15:21	PAINT	1.03 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 36	Negative	1	1	0	0.03
368	4/4/2019 15:21	PAINT	0.92 mg / cm ^2	Final	CEILING	PLASTER	B	FAIR	WHITE	ROOM 36	Null	1	1	0	0.02
369	4/4/2019 15:22	PAINT	1.02 mg / cm ^2	Final	CEILING	PLASTER	B	FAIR	WHITE	ROOM 36	Negative	1	1	0	0.02
370	4/4/2019 15:23	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	WHITE	ROOM 37	Negative	1.91	1	0.02	0.07
371	4/4/2019 15:24	PAINT	1.03 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 37	Negative	1	1	0.01	0.04
372	4/4/2019 15:24	PAINT	2.48 mg / cm ^2	Final	WALL	CONCRETE	B	FAIR	WHITE	ROOM 37	Negative	4.06	1	0.03	0.1
373	4/4/2019 15:25	PAINT	1.66 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 37	Null	1.98	1	0.01	0.05
374	4/4/2019 15:26	PAINT	1.02 mg / cm ^2	Final	WALL	CONCRETE	C	FAIR	WHITE	ROOM 37	Negative	1.52	1	0.01	0.05
375	4/4/2019 15:27	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 38	Negative	1	1	0	0.02
376	4/4/2019 15:27	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	FAIR	WHITE	ROOM 38	Negative	1	1	0.01	0.04
377	4/4/2019 15:28	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	WHITE	ROOM 38	Negative	1	1	0	0.02
378	4/4/2019 15:28	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	WHITE	ROOM 38	Negative	1	1	0	0.02
379	4/4/2019 15:35	PAINT	19.84 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	WHITE	ROOM 38	Positive	1.12	1	1	0.1
380	4/4/2019 15:37	PAINT	6.02 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	WHITE	ROOM 38	Negative	1.04	1	0.9	0.1
381	4/4/2019 15:38	PAINT	6.3 mg / cm ^2	Final	CABINET	WOOD	A	FAIR	WHITE	ROOM 38	Negative	1.05	1	0.9	0.1
382	4/4/2019 15:43	PAINT	3.11 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 39	Null	1	1	0	0.02
383	4/4/2019 15:44	PAINT	0.24 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 39	Null	1	1	0	0.02
384	4/4/2019 15:44	PAINT	2.62 mg / cm ^2	Final	WALL	DRYWALL	A	FAIR	BEIGE	ROOM 39	Negative	1	1	0	0.02
385	4/4/2019 15:45	PAINT	3.11 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 39	Null	1	1	0	0.02
386	4/4/2019 15:46	PAINT	2.92 mg / cm ^2	Final	WALL	DRYWALL	B	FAIR	BEIGE	ROOM 39	Negative	1	1	0	0.02
387	4/4/2019 15:47	PAINT	1.36 mg / cm ^2	Final	WALL	DRYWALL	C	FAIR	BEIGE	ROOM 39	Negative	1	1	0	0.02
388	4/4/2019 15:47	PAINT	0.92 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 39	Null	1	1	0	0.02
389	4/4/2019 15:48	PAINT	1.31 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 39	Null	1	1	0	0.02
390	4/4/2019 15:48	PAINT	1.22 mg / cm ^2	Final	WALL	DRYWALL	D	FAIR	BEIGE	ROOM 39	Negative	1	1	0	0.02
391	4/4/2019 15:49	PAINT	1.36 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 39	Null	2.54	1	0.02	0.08
392	4/4/2019 15:49	PAINT	1.22 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 39	Null	1	1	0	0.02
393	4/4/2019 15:50	PAINT	3.06 mg / cm ^2	Final	CEILING	PLASTER	D	FAIR	WHITE	ROOM 39	Negative	1	1	0	0.02
394	4/4/2019 15:51	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BEIGE	ROOM 39	Negative	1	1	0.01	0.03
395	4/4/2019 15:52	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 39	Negative	1	1	0	0.02
396	4/4/2019 15:53	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	B	FAIR	BROWN	ROOM 40	Negative	1	1	0	0.02
397	4/4/2019 15:53	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	B	FAIR	BROWN	ROOM 40	Negative	2.02	1	0.05	0.11
398	4/4/2019 15:54	PAINT	3.06 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	BROWN	ROOM 40	Negative	4.95	1	0.11	0.12
399	4/4/2019 15:55	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	B	FAIR	BROWN	ROOM 40	Negative	6.75	1	0.16	0.17
400	4/4/2019 15:56	PAINT	2.24 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	BROWN	ROOM 40	Null	5.89	1	0.11	0.22
401	4/4/2019 15:57	PAINT	1.07 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	BROWN	ROOM 40	Null	1	1	0.01	0.03
402	4/4/2019 15:57	PAINT	1.02 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	BROWN	ROOM 40	Negative	1	1	0	0.02
403	4/4/2019 15:58	PAINT	3.07 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	BROWN	ROOM 40	Negative	4.99	1	0.19	0.15
404	4/4/2019 15:59	PAINT	1.03 mg / cm ^2	Final	CABINET	WOOD	C	FAIR	BROWN	ROOM 40	Negative	1	1	0	0.02
405	4/4/2019 15:59	PAINT	1.02 mg / cm ^2	Final	CABINET	WOOD	C	FAIR	BROWN	ROOM 40	Negative	1	1	0	0.03
406	4/4/2019 16:01	PAINT	2.77 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	BEIGE	ROOM 40	Null	2.37	1	0.08	0.1
407	4/4/2019 16:02	PAINT	3.06 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	BEIGE	ROOM 40	Negative	4.88	1	0.06	0.09
408	4/4/2019 16:04	PAINT	2.58 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	WHITE	ROOM 3	Null	2.39	1	0.01	0.05
409	4/4/2019 16:05	PAINT	0.97 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	WHITE	ROOM 3	Null	10	1	0.16	0.72
410	4/4/2019 16:06	PAINT	5.45 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	WHITE	ROOM 3	Null	9.25	1	0.8	0.6
411	4/4/2019 16:07	PAINT	2.77 mg / cm ^2	Final	CEILING	PLASTER	C	FAIR	WHITE	ROOM 3	Negative	1	1	0	0.02
412	4/4/2019 16:08	PAINT	2.19 mg / cm ^2	Final	WALL	PLASTER	A	FAIR	WHITE	ROOM 3	Negative	1.67	1	0.01	0.04
413	4/4/2019 16:09	PAINT	3.06 mg / cm ^2	Final	WALL	PLASTER	B	FAIR	WHITE	ROOM 3	Negative	4.56	1	0.06	0.09
414	4/4/2019 16:10	PAINT	1.03 mg / cm ^2	Final	WALL	PLASTER	C	FAIR	WHITE	ROOM 3	Negative	1	1	0	0.02
415	4/4/2019 16:11	PAINT	3.4 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Null	1	1	0	0.02

416	4/4/2019 16:11	PAINT	0.44 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Null	1	1	0	0.03
417	4/4/2019 16:12	PAINT	1.94 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Null	1.76	1	0.01	0.04
418	4/4/2019 16:13	PAINT	4.62 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Null	1.09	1	0	0.02
419	4/4/2019 16:14	PAINT	1.85 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Null	7.68	1	0.05	0.18
420	4/4/2019 16:15	PAINT	2.62 mg / cm ^2	Final	WALL	PLASTER	D	FAIR	WHITE	ROOM 3	Negative	4.45	1	0.04	0.12
421	4/4/2019 16:15	PAINT	1.02 mg / cm ^2	Final	air duct	PLASTER	C	FAIR	BEIGE	ROOM 3	Negative	1	1	0	0.02
422	4/4/2019 16:16	PAINT	1.03 mg / cm ^2	Final	BOOKCASE	WOOD	C	FAIR	BROWN	ROOM 3	Negative	1	1	0	0.02
423	4/4/2019 16:17	PAINT	1.02 mg / cm ^2	Final	BOOKCASE	WOOD	C	FAIR	BROWN	ROOM 3	Negative	1	1	0	0.02
424	4/4/2019 16:17	PAINT	1.02 mg / cm ^2	Final	DOOR	WOOD	A	FAIR	BROWN	ROOM 3	Negative	1	1	0	0.03
425	4/4/2019 16:18	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	FAIR	BROWN	ROOM 3	Negative	2.78	1	0.05	0.15
426	4/4/2019 16:26	PAINT	1.02 mg / cm ^2	Final	FACIA	METAL	C	POOR	WHITE	PORCH	Negative	1.27	1	0.03	0.07
427	4/4/2019 16:27	PAINT	1.02 mg / cm ^2	Final	RAIL	METAL	C	POOR	BROWN	PORCH	Negative	1	1	0	0.02
428	4/4/2019 16:29	PAINT	1.07 mg / cm ^2	Final	SOFFIT	METAL	C	POOR	BROWN	PORCH	Negative	1	1	0	0.02
429	4/4/2019 16:29	PAINT	1.02 mg / cm ^2	Final	SOFFIT	METAL	C	POOR	BROWN	PORCH	Negative	3.61	1	0.06	0.26
430	4/4/2019 16:30	PAINT	1.02 mg / cm ^2	Final	COLUMN	METAL	D	POOR	BROWN	PORCH	Negative	1	1	0.01	0.03
431	4/4/2019 16:32	PAINT	3.06 mg / cm ^2	Final	WINDOW	CONCRETE	D	POOR	WHITE	PORCH	Negative	1	1	0	0.02
432	4/4/2019 16:38	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	POOR	RED	PORCH	Negative	2.52	1	0.04	0.12
433	4/4/2019 16:38	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	D	POOR	RED	PORCH	Negative	1	1	0.01	0.04
434	4/4/2019 16:39	PAINT	1.51 mg / cm ^2	Final	WINDOW	METAL	D	POOR	RED	PORCH	Negative	1	1	0	0.02
435	4/4/2019 16:40	PAINT	1.66 mg / cm ^2	Final	WINDOW	METAL	D	POOR	RED	PORCH	Null	1	1	0	0.02
436	4/4/2019 16:40	PAINT	1.41 mg / cm ^2	Final	WINDOW	METAL	D	POOR	RED	PORCH	Negative	1	1	0	0.02
437	4/4/2019 16:41	PAINT	1.02 mg / cm ^2	Final	CEILING	WOOD	D	POOR	BROWN	PORCHA	Negative	1	1	0	0.02
438	4/4/2019 16:43	PAINT	1.02 mg / cm ^2	Final	FDNCE	WOOD	D	POOR	RED	OUTSIDE	Negative	1	1	0	0.02
439	4/4/2019 16:45	PAINT	3.07 mg / cm ^2	Final	WALL	CONCRETE	A	POOR	BEIGE	OUTSIDE	Negative	1.51	1	0.05	0.04
440	4/4/2019 16:46	PAINT	0.73 mg / cm ^2	Final	DOWSPOT	PLASI TIC	A	POOR	BEIGE	OUTSIDE	Negative	1.69	1	0.01	0.06
441	4/4/2019 16:47	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	POOR	BEIGEGRAY	OUTSIDE	Negative	1	1	0	0.02
442	4/4/2019 16:48	PAINT	1.02 mg / cm ^2	Final	DOOR	METAL	A	POOR	BEIGEGRAY	OUTSIDE	Negative	1	1	0	0.02
443	4/4/2019 16:50	PAINT	6.31 mg / cm ^2	Final			CALIBRATE				Negative	1.05	1	0.9	0.1
444	4/4/2019 16:51	PAINT	2.82 mg / cm ^2	Final			CALIBRATE				Positive	1.28	1	1.3	0.3
445	4/4/2019 16:52	PAINT	5.2 mg / cm ^2	Final			CALIBRATE				Null	1.06	1	1	0.1
446	4/4/2019 16:54	PAINT	6.55 mg / cm ^2	Final			CALIBRATE				Negative	1.05	1	0.9	0.1
447	4/4/2019 16:55	PAINT	4.9 mg / cm ^2	Final			CALIBRATE				Null	1.15	1	1.1	0.1
448	4/4/2019 16:59	PAINT	19.81 mg / cm ^2	Final			CALIBRATE				Positive	1.09	1	1	0.1
449	4/4/2019 17:01	PAINT	7.91 mg / cm ^2	Final			CALIBRATE				Positive	1.13	1	1.1	0.1

QUANTEM LABORATORIES
2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 307583
Date Received: 04/10/19
Received By: Gennifer Bridgewater
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 04/17/19

AIHA ID: 101352

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Acct. No.: A389

Project: Former Thomas Hospital
Location: Thomas, OK
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
001	L-0101	Paint	Lead	907	76.7	ppm	04/16/19 11:23	P EPA 7000B (1)
002	L-0201	Paint	Lead	788	49	ppm	04/16/19 11:23	P EPA 7000B (1)
003	L-0301	Paint	Lead	<49.2	49.2	ppm	04/16/19 11:23	P EPA 7000B (1)
004	L-0410	Paint	Lead	<49.0	49	ppm	04/16/19 11:23	P EPA 7000B (1)
005	L-0501	Paint	Lead	<49.6	49.6	ppm	04/16/19 11:23	P EPA 7000B (1)
006	L-0601	Paint	Lead	48.9	48.8	ppm	04/16/19 11:23	P EPA 7000B (1)
007	L-0701	Paint	Lead	1,840	49.8	ppm	04/16/19 11:23	P EPA 7000B (1)
008	L-0801	Paint	Lead	1,330	85.0	ppm	04/17/18 10:19	P EPA 7000B (1)
009	L-0901	Paint	Lead	391	50	ppm	04/17/19 10:19	P EPA 7000B (1)
010	L-1001	Paint	Lead	<50.0	50	ppm	04/17/19 10:19	P EPA 7000B (1)
011	L-1101	Paint	Lead	1,340	49	ppm	04/17/19 10:19	P EPA 7000B (1)
012	L-1201	Paint	Lead	1,280	49.2	ppm	04/17/19 10:19	P EPA 7000B (1)
013	L-1301	Paint	Lead	457	49.5	ppm	04/17/19 10:19	P EPA 7000B (1)
014	L-1401	Paint	Lead	237	49.7	ppm	04/17/19 10:19	P EPA 7000B (1)
015	L-1501	Paint	Lead	446	49.9	ppm	04/17/19 10:19	P EPA 7000B (1)
016	L-1601	Paint	Lead	939	49.2	ppm	04/17/19 10:19	P EPA 7000B (1)
017	L-1701	Paint	Lead	2,250	48.9	ppm	04/17/19 10:19	P EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 307583
Date Received: 04/10/19
Received By: Gennifer Bridgewater
Date Sampled:
Time Sampled:
Analyst: CR
Date of Report: 04/17/19

AIHA ID: 101352

Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
Tulsa, OK 74129-1064

Acct. No.: A389

Project: Former Thomas Hospital
Location: Thomas, OK
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method
018	L-1801	Paint	Lead	1,150	49.6	ppm	04/17/19 10:19	P EPA 7000B (1)
019	L-1901	Paint	Lead	1,800	49.3	ppm	04/17/19 10:19	P EPA 7000B (1)
020	L-2001	Paint	Lead	477	50	ppm	04/17/19 14:45	P EPA 7000B (1)
021	L-2101	Paint	Lead	462	109	ppm	04/17/19 14:45	P EPA 7000B (1)
022	L-2201	Paint	Lead	247	49	ppm	04/17/19 14:45	P EPA 7000B (1)
023	L-2301	Paint	Lead	625	49.5	ppm	04/17/19 14:45	P EPA 7000B (1)
024	L-2401	Paint	Lead	233	50.6	ppm	04/17/19 14:45	P EPA 7000B (1)
025	L-2501	Paint	Lead	675	49.5	ppm	04/17/19 14:45	P EPA 7000B (1)
026	L-2601	Paint	Lead	641	49.5	ppm	04/17/19 14:45	P EPA 7000B (1)
027	L-2701	Paint	Lead	<61.6	61.6	ppm	04/17/19 14:45	P EPA 7000B (1)
028	L-2801	Paint	Lead	<49.5	49.5	ppm	04/17/19 14:45	P EPA 7000B (1)
029	L-2901	Paint	Lead	<49.3	49.3	ppm	04/17/19 14:45	P EPA 7000B (1)
030	L-3001	Paint	Lead	<108	108	ppm	04/17/19 14:45	P EPA 7000B (1)

Note: Sample results have not been corrected for blank values.

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Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified

EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

2033 Heritage Park Dr, Oklahoma City, OK 73120 | 1.800.822.1650

Environmental Chemistry Analysis Report

QuanTEM Set ID: 307583
Date Received: 04/10/19
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Date Sampled:
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Client: Environmental Hazard Control, Inc.
2301 S Sheridan Rd Ste B
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Acct. No.: A389

Project: Former Thomas Hospital
Location: Thomas, OK
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Results	Reporting Limits	Units	Date/Time Analyzed	Method

Authorized Signature: _____
Cherry Rossen, Technical Manager

Note: Sample results have not been corrected for blank values.

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission. QuanTEM is not responsible for user-supplied data used in calculations.

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Wipe materials must meet ASTM E1792 criteria. Method detection limits and resultant reporting limits may not be valid for non-ASTM E1792 wipe material.

EPA Method 7000B (1) = EPA 600/R-93/200 Preparation Modified. EPA 7000B Analysis Modified
EPA Method 7082 (2) = EPA 600/R-93/200 Preparation Modified. EPA 7082 Analysis Modified

Supplemental Report
QAQC Results

QA ID: 17306
Test: Lead

Date: 4/16/2019
Matrix: Paint

Lab Number: 307583
Approved By: Cherry Rossen
Date Approved: 4/16/2019

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	4.9	5.5
ICV	0.9	1	1.1
RLVS	0.05	0.08	0.15

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
307733-009	8.238	7.821	5.2
307583-007	3.704	3.928	5.9

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-P1	0.000	2.042	1.829	89.6	1.915	93.8	4.6
LCS-P2	0.000	1.972	1.954	99.1	2.279	115.6	15.4
307583-007	3.704	2.000	5.963	112.9			

Authorized Signature: _____

Cherry Rossen, Technical Manager

Supplemental Report
QAQC Results

QA ID: 17311
Test: Lead

Date: 4/17/2019
Matrix: Paint

Lab Number: 307583
Approved By: Cherry Rossen
Date Approved: 4/17/2019

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	4.9	5.5
ICV	0.9	1	1.1
RLVS	0.05	0.08	0.15

Duplicate Data:

Sample Number	Result	Duplicate	% RPD
307770-029	14.105	15.678	10.6

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
LCS-P1	0.000	1.982	1.789	90.2	1.988	100.3	10.6

Authorized Signature: _____

Cherry Rossen, Technical Manager

Supplemental Report
QAQC Results

QA ID: 17315
Test: Lead
Date: 4/17/2019
Matrix: Paint
Lab Number: 307583
Approved By: Cherry Rossen
Date Approved: 4/17/2019

Notes:

Blank Data:

Type of Blank	Blank Value
FCB	0
ICB	0
Matrix Blank	0

Standards Data:

Standard	Low Limit	Obtained	High Limit
CCV	4.5	5.1	5.5
FCV	4.5	5.1	5.5
ICV	0.9	1	1.1
RLVS	0.05	0.13	0.15

Duplicate Data:

Recovery Data:

Sample Number	Result	Spike Level	Result + Spike	% Recovery	Dup. Result + Spike	% Dup. Recovery	% Spike RPD
307583-028	0.000	2.000	2.208	110.4			
LCS-P2	0.000	1.982	1.616	81.5	1.688	85.2	4.4

Authorized Signature: _____

Cherry Rossen, Technical Manager

4/17 (wed)

QUANTEM LABORATORIES
www.QuanTEM.com

LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only	
Lab No.	307583
	Accept / Reject

Contact Information		Project Information		Report Results (☑ one box)	
Company: EHCJ	Phone: 918-747-1330	Project Name: Former Thomas Hospital/Nursing		☐	QuanTEM Website
Contact: Dean Swain	Cell Phone: 918-724-4782	Project Location: Thomas, OK		☐	Email
Account #: A389	E-mail: deanc@ehcj.net	Project ID:		☐	Other
Sampled By: Name: Dean Swain	Date:	P.O. Number:			

RELINQUISHED BY	DATE & TIME	VIA	RECEIVED BY	DATE & TIME
	4-8-19 500pm	FedEx		4/10 @1:30

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis: Pb	Units (☑ ONE box only): PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
1	L-0101	Rm1 DOOR FRAMES			B	✓	✓					
2	L-0201	Rm 2A CEILING			B	✓	✓					
3	L-0301	Rm 4 WALL PAINT			B	✓	✓					
4	L-0401	Rm 5 CEILING PAINT			B	✓	✓					
5	L-0501	Rm 6 WALL PAINT			B	✓	✓					
6	L-0601	Rm 8 WALLS - BRICK PAINT			B	✓	✓					
7	L-0701	Rm 8 CEILING PAINT			B	✓	✓					
8	L-0801	Rm 11 CEILING PAINT			B	✓	✓					
9	L-0901	Rm 12 WALL PAINT			B	✓	✓					
10	L-1001	Rm 15 WALL PAINT			B	✓	✓					
11	L-1101	Rm 15 GREEN DOOR PAINT			B	✓	✓					
12	L-1201	Rm 16 PAINT WALL			B	✓	✓					

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

TURNAROUND TIME	
	Same Day
	24 - Hour
	3 - Day
X	5 - Day

SATURDAY **FEDEX** SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
Please Note - UPS and USPS are **NOT** available for Saturday Delivery

QUANTEM LABORATORIES
www.QuanTEM.com

LEAD CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
(800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

For Lab Use Only
Lab No. 307583
Accept Reject

Project Information

Company: EHCI | Project Name: FORMER THOMAS HOSPITAL/NURSES | Project Location: THOMAS, OK

REQUESTED SERVICES (Please ☑ the Appropriate Boxes)

No.	Sample ID (10 Characters Max)	Sample Description	Volume (Liters)	Volume Area (Length x Width)	Sample Matrix (see matrix code box)	Analysis			Units (☑ ONE box only)					
						Pb			PPM	Wt %	mg / l	µg /ft²	µg / m³	mg / cm²
13	L-1301	Rm 17 WALL PAINT			B	✓			✓					
14	L-1401	Rm 18 CEILING PAINT			B	✓			✓					
15	L-1501	Rm 19 WALL PAINT			B	✓			✓					
16	L-1601	Rm 20 CEILING PAINT			B	✓			✓					
17	L-1701	Rm 21 CEILING PAINT			B	✓			✓					
18	L-1801	Rm 23 CEILING PAINT			B	✓			✓					
19	L-1901	Rm 24 CEILING PAINT			B	✓			✓					
20	L-2001	Rm 27 CUB WALL PAINT			B	✓			✓					
21	L-2101	Rm 30 CLOSET DOOR PAINT			B	✓			✓					
22	L-2201	Rm 31 CLOSET DOOR PAINT			B	✓			✓					
23	L-2301	Rm 32 WALL PAINT			B	✓			✓					
24	L-2401	Rm 35 DOOR JAMB PAINT			B	✓			✓					
25	L-2501	Rm 38 WALL PAINT			B	✓			✓					
26	L-2601	Rm 40 WALL PAINT			B	✓			✓					
27	L-2701	N/S HALL WALL PAINT			B	✓			✓					
28	L-2801	Rm 41 WALL PAINT			B	✓			✓					
29	L-2901	EXTERIOR TRANSITE PANELS			B	✓			✓					
30	L-3001	EXTERIOR WINDOW SILL PAINT			B	✓			✓					

Sample Matrix Codes	
A	Soil
B	Paint Chips
C	Surface / Dust Wipes
D	Bulk Miscellaneous
E	Air Cassette

SATURDAY **FEDEX** SAMPLE DELIVERY - CALL TO SCHEDULE • Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 • Mark Package "Hold for Saturday Pickup"
Please Note - UPS and USPS are **NOT** available for Saturday Delivery

APPENDIX B

SITE PHOTOGRAPHS

White cabinets in Room 38 tested positive for lead

APPENDIX C

STATE LICENSES

Department of Environmental Quality

This is to Certify That

MICHAEL JENKINSON

has met the specifications of the Oklahoma Lead-Based Paint Management Act
and is certified as a Lead-Based Paint

INSPECTOR/RISK ASSESSOR

Certification #: OKRASR11413

This certificate is valid from the date of issuance and expires as prescribed by law.

Issued on: 4/1/2019 Expires on: 3/31/2020

Division Director
Air Quality Division

Environmental Programs Manager
Air Quality Division

Department of Environmental Quality

This is to Certify That

CRYSTAL CREEK LLC

has met the specifications of the Oklahoma Lead-Based Paint Management Act
and is certified as a Lead-Based Paint

FIRM

Certification #: OKFIRM13677

This certificate is valid from the date of issuance and expires as prescribed by law.

Issued on: 4/1/2019 Expires on: 3/31/2020

Division Director
Air Quality Division

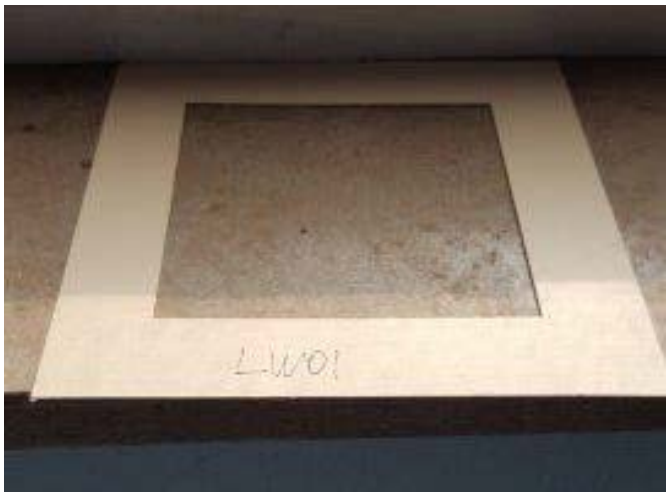
Environmental Programs Manager
Air Quality Division

Appendix D

Laboratory Analytical Data Packages (CD)
and Quality Control Summary Report (Final Version)

Appendix E

Site Photographs

	• TH-LW01-01 sample location in Building 6.
	• TH-LW02-01 sample location in Building 6.
	• TH-LW03-01 sample location in Building 5.

	• TH-LW04-01 sample location in Building 5.
	• TH-LW05-01 sample location in Building 5.
	• TH-MW01-01 sample location in Building 6.

	• TH-MW02-01 sample location in Building 6.
	• TH-MW03-01 sample location in Building 6.
	• TH-MW04-01 sample location in Building 5.

	• TH-MW05-01 sample location in Building 5.
	• TH-MW06-01 sample location in Building 5.
	• TH-MW07-01 sample location in Building 5.

	• TH-MW08-01 sample location in Building 5.
	• TH-MA01-01 sample location in Building 6.
	• TH-MA02-01 sample location in Building 5.

	• TH-MA03-01 sample location outside of Building 6.
	• TH-SS01-01 sample location on the west side of Building 6.
	• TH-SS02-01 sample location on the southwest side of Building 5.

	• TH-SS03-01 sample location on the north side of Building 5.
	• TH-SS04-01 sample location on the southeast side of Building 5.
	• TH-SS05-01 sample location on the east side of Building 6.

	• TH-WG01-01 sample material.
	• TH-WG02-01 sample material.
	• North window and location of TH-WG03-01.

	• TH-WG03-01 sample material.
	• TH-WG04-01 sample material.
	• TH-WG05-01 sample material.

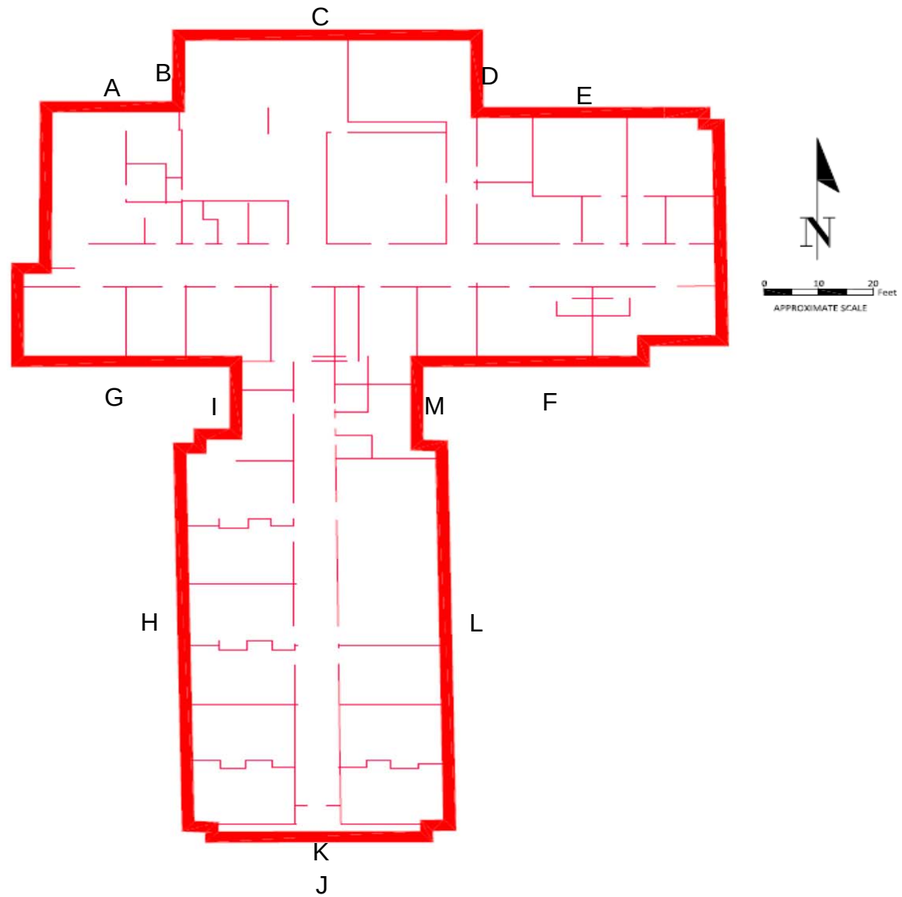
	• TH-WG06-01 sample material.
	• TH-WG07-01 sample material.
	• NORM survey

Appendix F

Building and Room Dimension Measurements

Thomas Hospital Buildings 5 and 6 - Exterior Building Dimensions

Section	Wall	Sub-Section	Building #	Length Feet	Height Feet	Depth Feet	Notes
A	north side - west section	-	5	24	11		
B	north side - central section	west entry-way	5	15	7	5	
C	north side - central section	-	5	60	11		
D	north side - central section	east wall	5	17	11		
E	north side - east section	-	5	32	11		
F	south side - east section	-	5	39.5	11		
G	south side - west section	-	5	34	11		
H	west wall	-	6	83	9-10.5		wall height follows grade from north to south
I	west wall	northern alcove	6	19	9	2.5	
J	south wall	-	6	40	10.5		
K	south wall	door	6	4	7		
L	east wall	-	6	86	9-10.5		wall height follows grade from north to south
M	east wall	northern alcove	6	19	9	2.5	



Thomas Hospital Buildings 5 and 6 - Interior Room Dimensions

	Length		Width		Height		Wall 1		Wall 2		Wall 3		Wall 4		Wall 5		Wall 6		Wall 7		Height 1		Height 2	
Room #	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches	Feet	Inches
1	15	9	9	0	8	4																		
2	21	5.5	13	8.5	7	8																		
3	15	5	19	7	8	4																		
4 & 2A/2B	13	4	14	6	8	4																		
5	12	11	11	9.5	7	8																		
6	8	9.5	5	5	7	2																		
7	7	4	6	4.5	7	1.5																		
8					7	2	6	6	5	5	4	4												
9	8	11.25			7	1.25	9	9	17	10	16	10.75	4	6	14	2	7	0	12	11				
10	14	6.25	20	8.375	7	11																		
11	19	5.5	21	4.6875	7	7.5																		
12	9	8.25	11	5	8	3.5																		
13					7	9	11	4	7	2	17	4	8	0										
14							22	0	8	0	14	2	6	0							7	0	8	3.5
15							22	0	8	0	14	2	6	0							7	0	8	3.5
16	7	3.25	9	2.5625	8	3.5																		
17	15	0.09375	19	1	8	3.0625	6	7	6	5														
18	15	8	19	7	8	3.875	6	5	9	3	12	10.5												
19	15	7	9	7.5	8	3.875																		
20	14	1.375	9	7.5	8	3.875																		
21	14	3.25	7	0.375																				
22	4	7.5	3	11	7	5.5																		
23	5	2.25	3	11	6	9																		
24	5	2.25	5	1	6	11																		
25	15	0	35	6	7	11.5																		
26	15	0	11	6	7	11.5																		
27	15	0	11	6	7	11.5																		
28	15	0	11	5	7	11.5																		
29	15	3	11	0	7	11.5																		
30	15	0	11	6	7	11.5																		
31	15	0	11	6	7	11.5																		
32	15	0	11	7	7	11.5																		
33	15	0	11	6	7	11.5																		
34	15	0	11	6	7	11.5																		
35	15	0	11	7	7	11.5																		
36	6	2	3	2	7	10.1875																		
37	8	8.5	5	1	7	11																		
38	8	8.5	5	1	7	11.5																		
39	8	6	4	9.375	7	11.5																		
40	14	7	14	1	8	4																		
S Hall	21	7.5	11	0	7	11.25																		
SW Hall			6	9.75	7	0																		
E-W Hall	6	9			7	8																		

Scope of Work

STATEMENT OF WORK
For
Remediation of Asbestos Contamination at
The Former Thomas Hospital Buildings 4-6

The Oklahoma Department of Environmental Quality (DEQ) is requesting a work plan and cost estimate for remediation services at a former hospital located in Thomas, Oklahoma. This statement of work (SOW) describes the removal and proper disposal of asbestos-containing material (ACM).

The building is located at 601 East Broadway, Thomas, Oklahoma 73669. This project is only addressing buildings 4-6 of the hospital complex. The buildings will not have available water and electricity to use during remediation.

SPECIAL PROVISIONS:

1. Work Schedule: The contractor shall schedule all work to be completed within 90 calendar days after date of the written "Notice to Proceed." Coordination of work shall be scheduled with DEQ.
    a. All on-site work shall be completed by the contractor five (5) days prior to the scheduled contract completion date, with the remaining five (5) days utilized for final inspection and correction of all deficiencies.

2. Conditions of Work: The following conditions of work will apply in accomplishment of this contract:
    a. All work shall be performed in accordance with all applicable State and Federal regulations.
    b. Contractor shall not cause damage to building structures such as property, walls, and fixtures during remediation process. If damage is caused to these items, contractor is responsible for repairing the damage at no cost to DEQ.
    c. Coordination of work areas shall be scheduled with DEQ.
    d. All work shall be performed in such a manner that it does not put workers' health and safety at risk.
    e. Disposal of Removed Materials: All materials removed by the Contractor under this contract shall be disposed of in accordance with State and Federal regulations. DEQ will sign as generator, if necessary.

CONTRACTOR SHALL:

- Attend mandatory pre-bid meeting and site walk through;
- Follow all appropriate OSHA requirements;

Submit With Bid:

- Copy of ODOL Asbestos Abatement Contractor License;

Submit After Notice to Proceed:

- A Work Plan with planned activities and schedule to DEQ for approval;

ASBESTOS ABATEMENT INSTRUCTIONS

Building 4:

- The following non-friable and/or non-regulated Asbestos Containing Material (ACM) shall be removed as listed in the asbestos inspection report (**Attachment 1**)
  - Approximately 3,406 ft^2 of yellow sheet flooring

- The following friable ACM shall be removed as described in the project Design (**Attachment 2**)
  - Approximately 5,465 ft^2 of wall texture and joint compound

Buildings 5&6:

- The following non-friable and/or non-regulated Asbestos Containing Material (ACM) shall be removed as listed in the Asbestos Inspection Report (**Attachment 3**).
  - Approximately 9500 ft^2 of floor tile and mastic
  - Approximately 1520 ft^2 of sheet flooring
  - Approximately 1000 linear feet of window caulk (both large and small windows)
    - Window openings from removed windows shall be replaced with plywood boards
  - Approximately 900 ft^2 of cementitious exterior overhang board (Transite)

- The following friable ACM shall be removed as described in the instructions listed in the Asbestos Project Design (**Attachment 4**).
  - Approximately 50 hardpack fittings and 11,000 ft of associated cleanup
  - Duct seam tape associated with 300 linear feet of fiberglass duct

- Once Asbestos Abatement is complete, DEQ shall be contacted for final inspection to confirm abatement has been appropriately performed and all asbestos has been removed.

FINAL REPORT

Write final report and submit to DEQ;

- Final report shall include:
    - A detailed summary of work including any warranties and data;
    - Waste manifests (if any); and
    - Photo documentation of work
        - Photo documentation of work will have color digital photos with captions describing photo;

- Final report will be submitted electronically.

OWNER REPRESENTATIVE

Owner's Representative: Katrina Pollard
Oklahoma Department of Environmental Quality
Land Protection Division
707 N. Robinson
P.O. Box 1677
Oklahoma City, OK 73101-1677

Phone Numbers:
(405) 702-512 (Office)
E-Mail: Katrina.pollard@deq.ok.gov

SCOPE OF WORK
For Asbestos Consultant Work at the former Thomas Hospital Buildings #5 and #6

The Department of Environmental Quality (DEQ) is requesting Marshall Environmental Management to create an Asbestos Project Design and cost estimate for an asbestos abatement and provide the subsequent oversight at the former Thomas Hospital Buildings #5 and #6. The structure has been sampled and friable asbestos containing material (ACM) has been detected. The Asbestos Project Design shall be submitted to Oklahoma Department of Labor within 30 days from the date of the NTP. Below is a detailed list of requirements.

Asbestos Project Design

- A project design shall be written and approved by a licensed Project Designer.
- Once the project design is complete, it shall be sent to the Oklahoma Department of Labor for review and approval. This approval sheet shall be submitted to DEQ with the final project design.

Cost Estimate

- A cost estimate for the asbestos abatement shall be provided to DEQ along with the project design

Oversight

- The consultant shall perform oversight of the abatement following the ODOL approved Project Design as well as confirm the contractor follows all applicable OSHA and ODOL safety regulations.
- The consultant shall be responsible for the 3rd party air monitoring during the abatement.
- The consultant shall be on site every day during the abatement to monitor progress and adherence to the Scope of Work and Project Design. Consultant shall notify DEQ of any problems or issues.
- Consultant shall create and submit to ODOL any project design amendments on an as needed basis if changes to the project occur.
- Consultant shall compile a final report that includes:
    - a brief report breaking down the activities each day;
    - Any warranties and data; and
    - photolog documenting the progress

Building Information

- 601 East Broadway Thomas, Oklahoma 73669, Buildings 5 and 6
- Approx. 11,000 square feet

DEQ Representative:
Oklahoma Dept of Environmental Quality
Land Protection Division
707 N. Robinson
Oklahoma City, OK 73102

Katrina Pollard
(405) 702-5112 (Office)
(405) 702-5101 (Fax)
E-Mail: katrina.pollard@deq.ok.gov

Remediation Reports

ENVIRONMENTAL ACTION INC.

December 8, 2022

Oklahoma Department of Labor
409 N.E 28th St.
Oklahoma City, OK 73105

RE: Former Thomas Hospital
OKDOL Project # 20-9586

The following documents are enclosed for your records:

- Air monitoring results
- Waste disposal manifest

Please call if you need any additional information to complete your file.

Sincerely,
ENVIRONMENTAL ACTION, INC.

Darwin Chesnut
President

ENCLOSURES

Tulsa Office: P.O. Box 1029 • Jenks, OK 74037 • (918) 298-4080

OKC Office: 1644 NW 5th Street • Oklahoma City, OK 73106 • (405) 684-8900

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/08/22	PCM-01	P. Santillan - 403145 (P1)	1	7:21	15:15	474.00	2.0	2.0	2.0	948.0	25	100	31.8471	0.0129	0.0025	0.0234	0.0052
0140	09/08/22	PCM-02	E. Gonzalez - 403130 (P2)	2	7:22	15:15	473.00	2.0	2.0	2.0	946.0	27.5	100	35.0318	0.0143	0.0028	0.0257	0.0052
0140	09/08/22	PCM-03	Inside Area (IA)	3	7:24	15:14	470.00	2.0	2.0	2.0	940.0	21	100	26.7516	0.0110	0.0021	0.0198	0.0052
0140	09/08/22	PCM-04	Outside Area (OA)	4	7:21	15:21	480.00	2.0	2.0	2.0	960.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	09/08/22	PCM-05	Outside Clean Room (OCR)	5	7:22	15:17	475.00	2.0	2.0	2.0	950.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	09/08/22	PCM-06	Negative Air	6	7:20	15:16	476.00	2.0	2.0	2.0	952.0	16	100	20.3822	0.0082	0.0016	0.0149	0.0052
0140	09/08/22	PCM-07	Field Blank									0	100					
0140	09/08/22	PCM-08	Laboratory Blank									0	100					

Sandy West		September 9, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/09/22	PCM-09	P. Santillan - 403145 (P1)	1	7:21	15:18	477.00	2.0	2.0	2.0	954.0	15	100	19.1083	0.0077	0.0015	0.0139	0.0051
0140	09/09/22	PCM-10	E. Gonzalez - 403130 (P2)	2	7:22	15:17	475.00	2.0	2.0	2.0	950.0	15	100	19.1083	0.0077	0.0015	0.0140	0.0052
0140	09/09/22	PCM-11	Inside Area (IA)	3	7:21	15:18	477.00	2.0	2.0	2.0	954.0	18	100	22.9299	0.0093	0.0018	0.0167	0.0051
0140	09/09/22	PCM-12	Outside Area (OA)	4	7:21	15:17	476.00	2.0	2.0	2.0	952.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	09/09/22	PCM-13	Outside Clean Room (OCR)	5	7:22	15:16	474.00	2.0	2.0	2.0	948.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	09/09/22	PCM-14	Negative Air	6	7:23	15:19	476.00	2.0	2.0	2.0	952.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0052
0140	09/09/22	PCM-15	Load Out (LO)	7	7:22	15:19	477.00	2.0	2.0	2.0	954.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0051
0140	09/09/22	PCM-16	Field Blank									0	100					
0140	09/09/22	PCM-17	Laboratory Blank									0	100					

Sandy West	Sandy West	September 12, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Phone: 405.616.0401 | Fax: 405.681.6753
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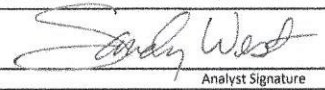
CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/12/22	PCM-18	R. Tejada - 402585 (P1)	1	8:00	15:13	433.00	2.0	2.0	2.0	866.0	14	100	17.8344	0.0079	0.0015	0.0143	0.0057
0140	09/12/22	PCM-19	A. Lopez - 401836 (P2)	2	8:01	15:13	432.00	2.0	2.0	2.0	864.0	18	100	22.9299	0.0102	0.0020	0.0185	0.0057
0140	09/12/22	PCM-20	Inside Area (IA)	3	8:03	15:13	430.00	2.0	2.0	2.0	860.0	16.5	100	21.0191	0.0094	0.0018	0.0170	0.0057
0140	09/12/22	PCM-21	Outside Area (OA)	4	8:01	15:14	433.00	2.0	2.0	2.0	866.0	4	100	5.0955	B.D.L.	0.0004	0.0041	0.0057
0140	09/12/22	PCM-22	Outside Clean Room (OCR)	5	8:02	15:13	431.00	2.0	2.0	2.0	862.0	7	100	8.9172	B.D.L.	0.0008	0.0072	0.0057
0140	09/12/22	PCM-23	Negative Air	6	8:03	15:15	432.00	2.0	2.0	2.0	864.0	7.5	100	9.5541	B.D.L.	0.0008	0.0077	0.0057
0140	09/12/22	PCM-24	Load Out (LO)	7	8:30	15:15	405.00	2.0	2.0	2.0	810.0	6	100	7.6433	B.D.L.	0.0007	0.0066	0.0061
0140	09/12/22	PCM-25	Field Blank									0	100					
0140	09/12/22	PCM-26	Laboratory Blank									0	100					

Sandy West		September 13, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/13/22	PCM-27	R. Tejada - 402585 (P1)	1	7:10	15:15	485.00	2.0	2.0	2.0	970.0	16	100	20.3822	0.0081	0.0016	0.0146	0.0051
0140	09/13/22	PCM-28	A. Lopez - 401836 (P2)	2	7:10	15:13	483.00	2.0	2.0	2.0	966.0	13.5	100	17.1975	0.0069	0.0013	0.0124	0.0051
0140	09/13/22	PCM-29	Inside Area (IA)	3	7:11	15:13	482.00	2.0	2.0	2.0	964.0	17.5	100	22.2930	0.0089	0.0017	0.0161	0.0051
0140	09/13/22	PCM-30	Outside Area (OA)	4	7:12	15:16	484.00	2.0	2.0	2.0	968.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0051
0140	09/13/22	PCM-31	Outside Clean Room (OCR)	5	7:11	15:14	483.00	2.0	2.0	2.0	966.0	5	100	6.3694	B.D.L.	0.0005	0.0046	0.0051
0140	09/13/22	PCM-32	Negative Air	6	7:12	15:14	482.00	2.0	2.0	2.0	964.0	6	100	7.6433	B.D.L.	0.0006	0.0055	0.0051
0140	09/13/22	PCM-33	Field Blank									0	100					
0140	09/13/22	PCM-34	Laboratory Blank									0	100					

Sandy West	Sandy West	September 14, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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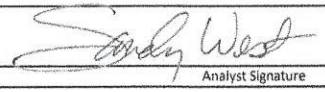
CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/14/22	PCM-35	R. Tejada - 402585 (P1)	1	7:16	15:14	478.00	2.0	2.0	2.0	956.0	12	100	15.2866	0.0062	0.0012	0.0111	0.0051
0140	09/14/22	PCM-36	N. Reyes - 402557	2	7:17	15:12	475.00	2.0	2.0	2.0	950.0	11	100	14.0127	0.0057	0.0011	0.0103	0.0052
0140	09/14/22	PCM-37	Inside Area (IA)	3	7:15	15:15	480.00	2.0	2.0	2.0	960.0	16	100	20.3822	0.0082	0.0016	0.0148	0.0051
0140	09/14/22	PCM-38	Outside Area (OA)	4	7:15	15:13	478.00	2.0	2.0	2.0	956.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	09/14/22	PCM-39	Outside Clean Room (OCR)	5	7:15	15:16	481.00	2.0	2.0	2.0	962.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0051
0140	09/14/22	PCM-40	Negative Air	6	7:12	15:14	482.00	2.0	2.0	2.0	964.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0051
0140	09/14/22	PCM-41	Field Blank									0	100					
0140	09/14/22	PCM-42	Laboratory Blank									0	100					

Sandy West		September 15, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/15/22	PCM-43	R. Tejada - 402585 (P1)	1	7:11	15:26	495.00	2.0	2.0	2.0	990.0	11	100	14.0127	0.0054	0.0011	0.0098	0.0050
0140	09/15/22	PCM-44	N. Reyes - 402557	2	7:15	15:28	493.00	2.0	2.0	2.0	986.0	14.5	100	18.4713	0.0072	0.0014	0.0130	0.0050
0140	09/15/22	PCM-45	Inside Area (IA)	3	7:13	15:26	493.00	2.0	2.0	2.0	986.0	17	100	21.6561	0.0085	0.0016	0.0153	0.0050
0140	09/15/22	PCM-46	Outside Area (OA)	4	7:13	15:25	492.00	2.0	2.0	2.0	984.0	9	100	11.4650	B.D.L.	0.0009	0.0081	0.0050
0140	09/15/22	PCM-47	Outside Clean Room (OCR)	5	7:14	15:26	492.00	2.0	2.0	2.0	984.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0050
0140	09/15/22	PCM-48	Negative Air	6	7:15	15:26	491.00	2.0	2.0	2.0	982.0	12	100	15.2866	0.0060	0.0012	0.0108	0.0050
0140	09/15/22	PCM-49	Load Out	7	7:16	15:26	490.00	2.0	2.0	2.0	980.0	8	100	10.1911	B.D.L.	0.0008	0.0072	0.0050
0140	09/15/22	PCM-50	Field Blank									0	100					
0140	09/15/22	PCM-51	Laboratory Blank									0	100					

Sandy West	Sandy West	September 19, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/19/22	PCM-52	R. Tejada - 402585	1	7:18	15:18	480.00	2.0	2.0	2.0	960.0	14.5	100	18.4713	0.0074	0.0014	0.0134	0.0051
0140	09/19/22	PCM-53	N. Reyes - 402557	2	7:18	15:19	481.00	2.0	2.0	2.0	962.0	19.5	100	24.8408	0.0099	0.0019	0.0180	0.0051
0140	09/19/22	PCM-54	Inside Area	3	7:18	15:17	479.00	2.0	2.0	2.0	958.0	25	100	31.8471	0.0128	0.0025	0.0231	0.0051
0140	09/19/22	PCM-55	Outside Area	4	7:19	15:18	479.00	2.0	2.0	2.0	958.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	09/19/22	PCM-56	Outside Clean Room	5	7:20	15:18	478.00	2.0	2.0	2.0	956.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0051
0140	09/19/22	PCM-57	Negative Air	6	7:20	15:17	477.00	2.0	2.0	2.0	954.0	8	100	10.1911	B.D.L.	0.0008	0.0074	0.0051
0140	09/19/22	PCM-58	Field Blank									0	100					
0140	09/19/22	PCM-59	Laboratory Blank									0	100					

Sandy West	Sandy West	September 20, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/20/22	PCM-60	R. Tejada - 402585	1	7:15	15:15	480.00	2.0	2.0	2.0	960.0	17	100	21.6561	0.0087	0.0017	0.0157	0.0051
0140	09/20/22	PCM-61	N. Reyes - 402557	2	7:16	15:10	474.00	2.0	2.0	2.0	948.0	20	100	25.4777	0.0103	0.0020	0.0187	0.0052
0140	09/20/22	PCM-62	Inside Area	3	7:16	15:14	478.00	2.0	2.0	2.0	956.0	23.5	100	29.9363	0.0121	0.0023	0.0218	0.0051
0140	09/20/22	PCM-63	Outside Area	4	7:17	15:12	475.00	2.0	2.0	2.0	950.0	6	100	7.6433	B.D.L.	0.0006	0.0056	0.0052
0140	09/20/22	PCM-64	Outside Clean Room	5	7:17	15:13	476.00	2.0	2.0	2.0	952.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	09/20/22	PCM-65	Negative Air	6	7:16	15:15	479.00	2.0	2.0	2.0	958.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0051
0140	09/20/22	PCM-66	Field Blank									0	100					
0140	09/20/22	PCM-67	Laboratory Blank									0	100					

Sandy West	Sandy West	September 21, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/21/22	PCM-68	R. Tejada - 402585	1	7:18	15:12	474.00	2.0	2.0	2.0	948.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0052
0140	09/21/22	PCM-69	N. Reyes - 402557	2	7:20	15:12	472.00	2.0	2.0	2.0	944.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0052
0140	09/21/22	PCM-70	Inside Area	3	7:19	15:13	474.00	2.0	2.0	2.0	948.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0052
0140	09/21/22	PCM-71	Outside Area	4	7:18	15:10	472.00	2.0	2.0	2.0	944.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	09/21/22	PCM-72	Outside Clean Room	5	7:19	15:12	473.00	2.0	2.0	2.0	946.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	09/21/22	PCM-73	Negative Air	6	7:19	15:11	472.00	2.0	2.0	2.0	944.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	09/21/22	PCM-74	Field Blank									0	100					
0140	09/21/22	PCM-75	Laboratory Blank									0	100					

Sandy West	Sandy West	September 22, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/23/22	PCM-76	A. Lopez - 401836	1	7:11	15:12	481.00	2.0	2.0	2.0	962.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0051
0140	09/23/22	PCM-77	N. Reyes - 402557	2	7:13	15:11	478.00	2.0	2.0	2.0	956.0	8	100	10.1911	B.D.L.	0.0008	0.0074	0.0051
0140	09/23/22	PCM-78	Inside Area	3	7:10	15:15	485.00	2.0	2.0	2.0	970.0	9.5	100	12.1019	B.D.L.	0.0009	0.0087	0.0051
0140	09/23/22	PCM-79	Outside Area	4	7:12	15:12	480.00	2.0	2.0	2.0	960.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	09/23/22	PCM-80	Outside Clean Room	5	7:11	15:13	482.00	2.0	2.0	2.0	964.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0051
0140	09/23/22	PCM-81	Negative Air	6	7:10	15:14	484.00	2.0	2.0	2.0	968.0	3	100	3.8217	B.D.L.	0.0003	0.0027	0.0051
0140	09/23/22	PCM-82	Field Blank									0	100					
0140	09/23/22	PCM-83	Laboratory Blank									0	100					

Sandy West	Sandy West	September 26, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/26/22	PCM-84	A. Lopez - 401836	1	8:01	15:11	430.00	2.0	2.0	2.0	860.0	30	100	38.2166	0.0171	0.0033	0.0309	0.0057
0140	09/26/22	PCM-85	J. Rodriglez - 402589	2	8:01	15:12	431.00	2.0	2.0	2.0	862.0	27	100	34.3949	0.0154	0.0030	0.0277	0.0057
0140	09/26/22	PCM-86	Inside Area	3	8:02	15:11	429.00	2.0	2.0	2.0	858.0	33	100	42.0382	0.0189	0.0037	0.0341	0.0057
0140	09/26/22	PCM-87	Outside Area	4	8:03	15:14	431.00	2.0	2.0	2.0	862.0	3	100	3.8217	B.D.L.	0.0003	0.0031	0.0057
0140	09/26/22	PCM-88	Outside Clean Room	5	8:03	15:15	432.00	2.0	2.0	2.0	864.0	5	100	6.3694	B.D.L.	0.0006	0.0051	0.0057
0140	09/26/22	PCM-89	Negative Air	6	8:04	15:12	428.00	2.0	2.0	2.0	856.0	11	100	14.0127	0.0063	0.0012	0.0114	0.0057
0140	09/26/22	PCM-90	Load Out	7	8:30	14:30	360.00	2.0	2.0	2.0	720.0	4	100	5.0955	B.D.L.	0.0005	0.0049	0.0068
0140	09/26/22	PCM-91	Field Blank									0	100					
0140	09/26/22	PCM-92	Laboratory Blank									0	100					

Sandy West	Sandy West	September 28, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/27/22	PCM-93	L. Custudio - 403171	1	7:08	13:35	387.00	2.0	2.0	2.0	774.0	3	100	3.8217	B.D.L.	0.0004	0.0034	0.0063
0140	09/27/22	PCM-94	N. Reyes - 402557	2	7:08	13:34	386.00	2.0	2.0	2.0	772.0	3	100	3.8217	B.D.L.	0.0004	0.0034	0.0064
0140	09/27/22	PCM-95	Inside Area	3	7:09	13:34	385.00	2.0	2.0	2.0	770.0	3	100	3.8217	B.D.L.	0.0004	0.0035	0.0064
0140	09/27/22	PCM-96	Outside Area	4	7:07	13:33	386.00	2.0	2.0	2.0	772.0	4	100	5.0955	B.D.L.	0.0005	0.0046	0.0064
0140	09/27/22	PCM-97	Outside Clean Room	5	7:06	13:34	388.00	2.0	2.0	2.0	776.0	5	100	6.3694	B.D.L.	0.0006	0.0057	0.0063
0140	09/27/22	PCM-98	Negative Air	6	7:10	13:35	385.00	2.0	2.0	2.0	770.0	2	100	2.5478	B.D.L.	0.0002	0.0023	0.0064
0140	09/27/22	PCM-99	Field Blank									0	100					
0140	09/27/22	PCM-100	Laboratory Blank									0	100					

Sandy West	Sandy West	September 28, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/28/22	PCM-101	Clearance - North	HV1	16:02	18:02	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0140	09/28/22	PCM-102	Clearance - East	HV2	16:04	18:04	120.00	10.0	10.0	10.0	1200.0	7	100	8.9172	B.D.L.	0.0006	0.0052	0.0041
0140	09/28/22	PCM-103	Clearance - Center	HV3	16:05	18:05	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0140	09/28/22	PCM-104	Clearance - West	HV4	16:02	18:02	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0140	09/28/22	PCM-105	Clearance - South	HV5	16:02	18:02	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0140	09/28/22	PCM-106	BLANK									0	100					

Sandy West	Sandy West	September 29, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	09/29/22	PCM-107	J. Rodriguez - 402509	1	7:10	15:23	493.00	2.0	2.0	2.0	986.0	22.5	100	28.6624	0.0112	0.0022	0.0202	0.0050
0140	09/29/22	PCM-108	N. Reyes - 402557	2	7:11	15:23	492.00	2.0	2.0	2.0	984.0	27	100	34.3949	0.0135	0.0026	0.0243	0.0050
0140	09/29/22	PCM-109	Inside Area	3	7:11	15:22	491.00	2.0	2.0	2.0	982.0	31.5	100	40.1274	0.0157	0.0031	0.0284	0.0050
0140	09/29/22	PCM-110	Outside Area	4	7:12	15:25	493.00	2.0	2.0	2.0	986.0	7	100	8.9172	B.D.L.	0.0007	0.0063	0.0050
0140	09/29/22	PCM-111	Outside Clean Room	5	7:12	15:20	488.00	2.0	2.0	2.0	976.0	14	100	17.8344	0.0070	0.0014	0.0127	0.0050
0140	09/29/22	PCM-112	Negative Air	6	7:30	15:22	472.00	2.0	2.0	2.0	944.0	25	100	31.8471	0.0130	0.0025	0.0235	0.0052
0140	09/29/22	PCM-113	Field Blank									0	100					
0140	09/29/22	PCM-114	Laboratory Blank									0	100					

Sandy West	Sandy West	October 3, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/03/22	PCM-115	J. Rodriguez - 402509	1	7:15	15:10	475.00	2.0	2.0	2.0	950.0	11	100	14.0127	0.0057	0.0011	0.0103	0.0052
0140	10/03/22	PCM-116	L. Costudio - 403171	2	7:15	15:11	476.00	2.0	2.0	2.0	952.0	14	100	17.8344	0.0072	0.0014	0.0130	0.0052
0140	10/03/22	PCM-117	Inside Area	3	7:16	15:11	475.00	2.0	2.0	2.0	950.0	12.5	100	15.9236	0.0065	0.0013	0.0117	0.0052
0140	10/03/22	PCM-118	Outside Area	4	7:16	15:12	476.00	2.0	2.0	2.0	952.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0052
0140	10/03/22	PCM-119	Outside Clean Room	5	7:16	15:12	476.00	2.0	2.0	2.0	952.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	10/03/22	PCM-120	Field Blank									0	100					
0140	10/03/22	PCM-121	Laboratory Blank									0	100					

Sandy West	Sandy West	October 4, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/04/22	PCM-122	R. Tejada - 402585	1	7:05	15:12	487.00	2.0	2.0	2.0	974.0	17.5	100	22.2930	0.0088	0.0017	0.0159	0.0050
0140	10/04/22	PCM-123	A. Lopez - 401836	2	7:06	15:13	487.00	2.0	2.0	2.0	974.0	19	100	24.2038	0.0096	0.0019	0.0173	0.0050
0140	10/04/22	PCM-124	Inside Area	3	7:06	15:13	487.00	2.0	2.0	2.0	974.0	16	100	20.3822	0.0081	0.0016	0.0146	0.0050
0140	10/04/22	PCM-125	Outside Area	4	7:07	15:12	485.00	2.0	2.0	2.0	970.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0051
0140	10/04/22	PCM-126	Outside Clean Room	5	7:05	15:14	489.00	2.0	2.0	2.0	978.0	3	100	3.8217	B.D.L.	0.0003	0.0027	0.0050
0140	10/04/22	PCM-127	Field Blank									0	100					
0140	10/04/22	PCM-128	Laboratory Blank									0	100					

Sandy West	Sandy West	October 5, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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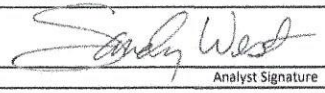
CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/05/22	PCM-129	A. Lopez - 401836	1	7:10	15:11	481.00	2.0	2.0	2.0	962.0	10	100	12.7389	0.0051	0.0010	0.0092	0.0051
0140	10/05/22	PCM-130	N. Reyes - 402557	2	7:12	15:11	479.00	2.0	2.0	2.0	958.0	8	100	10.1911	B.D.L.	0.0008	0.0074	0.0051
0140	10/05/22	PCM-131	Inside Area	3	7:13	15:13	480.00	2.0	2.0	2.0	960.0	10	100	12.7389	0.0051	0.0010	0.0092	0.0051
0140	10/05/22	PCM-132	Outside Area	4	7:12	15:13	481.00	2.0	2.0	2.0	962.0	5	100	6.3694	B.D.L.	0.0005	0.0046	0.0051
0140	10/05/22	PCM-133	Outside Clean Room	5	7:12	15:12	480.00	2.0	2.0	2.0	960.0	8	100	10.1911	B.D.L.	0.0008	0.0074	0.0051
0140	10/05/22	PCM-134	Field Blank									0	100					
0140	10/05/22	PCM-135	Laboratory Blank									0	100					

Sandy West		October 6, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

M ARSHALL ENVI RONMENTAL MANAGEMEN ', INC.
13(1 N Martin Luther Ki ig Avenue
Ok ihoma City, OK 731 7
Ph ne: 405.616.0401 | ax: 405.681.6753
me n@marshallenviron ental.com

CERTIFICATE OF ANALYSIS

PRO IECT INFORMATION		REPORT TO		INVOICE TO	
Pro ect ID. #	0046-A -021622-AC	Cli nt		lient	
Pro ect Name	Thomas Hospital	At ention		ttention	
Pro ect Address	610 N B oadway Thomas OK 73669	Ad lress		ddress	
Site Contact		Ph ne #		hone #	
Pho ne #		Fa #		ax #	
Cel #		Ce #		ell #	
em il		en ail		mail	

L Ide	oratory tification	Date Sampled	Field Identification	Sa mpling Location	P mp N mber	Start Time	End Time	Total Time	Start Flow Rate	E d Flow Rate	Average Flow Rate	Tot Volu	l ie	Fiber Count	Fields	F/mm²	F/cc	L L.	U.C.L.	Detection Limit
	0140	10/05/22	PCM-136	R. ejada - 402585	1	7:12	15:16	484.00	2.0	2.0	2.0	968	)	7	:00	8.9172	B.D.L.	0.0 07	0.0064	0.0051
	0140	10/05/22	PCM-137	N. Reyes - 402557	2	7:12	15:14	482.00	2.0	2.0	2.0	964	)	6	:00	7.6433	B.D.L.	0.0 06	0.0055	0.0051
	0140	10/05/22	PCM-138	Inside Area	3	7:13	15:17	484.00	2.0	2.0	2.0	968	)	10	:00	12.7389	0.0051	0.0 10	0.0092	0.0051
	0140	10/05/22	PCM-139	Outside Area	4	7:13	15:15	482.00	2.0	2.0	2.0	964	)	1	:00	1.2739	B.D.L.	0.0 01	0.0009	0.0051
	0140	10/05/22	PCM-140	Out ide Clean Room	5	7:14	15:16	482.00	2.0	2.0	2.0	964	)	1	:00	1.2739	B.D.L.	0.0 01	0.0009	0.0051
	0140	10/05/22	PCM-141	Field Blank										0	:00					
	0140	10/05/22	PCM-142	L oratory Blank										0	:00					

Sandy West
Analyst Name (Print)

Sandy West
Analyst Signature

October 10, 2022
Date Analyzed

A mando Chavez
Sa ples Collected By (Prir t)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	r Cubic Centimeter
F/mm²	Fibers	r Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

M ARSHALL ENV RONMENTAL ANAGEMEN , INC.
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Ok homa City, OK 731 7
Ph ne: 405.616.0401 | ax: 405.681.6753
me n@marshallenviron ental.com

CERTIFICATE OF ANALYSIS

PRO ECT INFORMATION		REPORT TO		INVOICE TO	
Pro ect ID. #	0046-A -021622-AC	Cli nt		lient	
Pro ect Name	Thomas Hospital	At ention		ttention	
Pro ect Address	610 N B oadway Thomas OK 73669	Ac ress		ddress	
Site Contact		Ph ne #		hone #	
Pho ne #		Fa #		ax #	
Cel #		Ce #		ell #	
em il		en ail		mail	

L. oratory Ide tification	Date Sampled	Field Identification	Sa pling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	d Flow Rate	Average Flow Rate	Tot l Volu e	Fiber Count	Fields	F/mm²	F/cc	L.	L.	U.C.L.	Detection Limit
0140	10/10/22	PCM-143	R. ejada - 402585	1	9:22	15:13	351.00	2.0	2.0	2.0	702)	22.5	1.00	28.6624	0.0157	0.0	30	0.0284	0.0070
0140	10/10/22	PCM-144	N. Reyes - 402557	2	9:28	15:14	346.00	2.0	2.0	2.0	692)	27.5	1.00	35.0318	0.0195	0.0	38	0.0352	0.0071
0140	10/10/22	PCM-145	Inside Area	3	9:27	15:14	347.00	2.0	2.0	2.0	694)	21	1.00	26.7516	0.0148	0.0	29	0.0268	0.0071
0140	10/10/22	PCM-146	Outside Area	4	9:30	15:14	344.00	2.0	2.0	2.0	688)	1	1.00	1.2739	B.D.L.	0.0	01	0.0013	0.0071
0140	10/10/22	PCM-147	Out ide Clean Room	5	9:29	15:13	344.00	2.0	2.0	2.0	688)	3	1.00	3.8217	B.D.L.	0.0	04	0.0039	0.0071
0140	10/10/22	PCM-148	Negative Air	6	9:29	15:12	343.00	2.0	2.0	2.0	686)	5	1.00	6.3694	B.D.L.	0.0	07	0.0065	0.0071
0140	10/10/22	PCM-149	Field Blank									0	1.00						
0140	10/10/22	PCM-150	L oratory Blank									0	1.00						

Sandy West		October 11, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

A mando Chavez
Sa ples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	r Cubic Centimeter
F/mm²	Fibers	r Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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Ph ne: 405.616.0401 | ax: 405.681.6753
me n@marshallenviron ental.com

CERTIFICATE OF ANALYSIS

PRO IECT INFORMATION		REPORT TO		INVOICE TO	
Pro ect ID. #	0046-A -021622-AC	Cli nt		lient	
Pro ect Name	Thomas Hospital	At ention		ttention	
Pro ect Address	610 N B oadway Thomas OK 73669	Ac lress		ddress	
Site Contact		Ph ne #		hone #	
Pho ne #		Fa #		ax #	
Cel #		Ce #		ell #	
em il		en ail		mail	

L. ab Id	oratory tification	Date Sampled	Field Identification	Sa pling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm²	F/cc	L.C.L.	U.C.L.	Detection Limit
	0140	10/11/22	PCM-151	A. opez - 401836	1	7:10	15:12	482.00	2.0	2.0	2.0	964	34	100	43.3121	0.0173	0.0 34	0.0312	0.0051
	0140	10/11/22	PCM-152	R. ejada - 402585	2	7:11	15:11	480.00	2.0	2.0	2.0	960	31.5	100	40.1274	0.0161	0.0 31	0.0291	0.0051
	0140	10/11/22	PCM-153	Inside Area	3	7:10	15:10	480.00	2.0	2.0	2.0	960	42.5	100	54.1401	0.0217	0.0 42	0.0392	0.0051
	0140	10/11/22	PCM-154	Outside Area	4	7:12	15:15	483.00	2.0	2.0	2.0	966	4	100	5.0955	B.D.L.	0.0 04	0.0037	0.0051
	0140	10/11/22	PCM-155	Out ide Clean Room	5	7:10	15:11	481.00	2.0	2.0	2.0	962	5.5	100	7.0064	B.D.L.	0.0 05	0.0051	0.0051
	0140	10/11/22	PCM-156	Negative Air	6	7:11	15:12	481.00	2.0	2.0	2.0	962	3	100	3.8217	B.D.L.	0.0 03	0.0028	0.0051
	0140	10/11/22	PCM-157	Field Blank									0	100					
	0140	10/11/22	PCM-158	La oratory Blank									0	100					

Sandy West — Analyst Name (Print)

Sandy West — Analyst Signature

October 11, 2022 — Date Analyzed

A mando Chavez — Sa ples Collected By (Prirt)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 10233 4
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	r Cubic Centimeter
F/mm²	Fibers	r Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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me n@marshallenviron ental.com

CERTIFICATE OF ANALYSIS

PRO IECT INFORMATION		REPORT TO		INVOICE TO	
Pro ect ID. #	0046-A -021622-AC	Cli nt		lient	
Pro ect Name	Thomas Hospital	At ention		ttention	
Pro ect Address	610 N B oadway Thomas OK 73669	Ac lress		ddress	
Site Contact		Ph ne #		hone #	
Phc ne #		Fa #		ax #	
Cel #		Ce #		ell #	
em il		en ail		mail	

L oratory Ide tification	Date Sampled	Field Identification	Sa pling Location	F mp N mber	Start Time	End Time	Total Time	Start Flow Rate	E d Flow Rate	Average Flow Rate	Tot l Volu ie	Fiber Count	Fields	F/mm²	F/cc	L L.	U.C.L.	Detectior Limit
0140	10/12/22	PCM-159	N. Reyes - 402557	1	7:12	15:12	480.00	2.0	2.0	2.0	960)	3	100	3.8217	B.D.L.	0.0 03	0.0028	0.0051
0140	10/12/22	PCM-160	J. R drigues - 402509	2	7:13	15:10	477.00	2.0	2.0	2.0	954)	5	100	6.3694	B.D.L.	0.0 05	0.0046	0.0051
0140	10/12/22	PCM-161	Inside Area	3	7:12	15:12	480.00	2.0	2.0	2.0	960)	5	100	6.3694	B.D.L.	0.0 05	0.0046	0.0051
0140	10/12/22	PCM-162	Outside Area	4	7:10	15:12	482.00	2.0	2.0	2.0	964)	5	100	6.3694	B.D.L.	0.0 05	0.0046	0.0051
0140	10/12/22	PCM-163	Ou ide Clean Room	5	7:13	15:12	479.00	2.0	2.0	2.0	958)	4	100	5.0955	B.D.L.	0.0 04	0.0037	0.0051
0140	10/12/22	PCM-164	Negative Air	6	7:10	15:12	482.00	2.0	2.0	2.0	964)	3	100	3.8217	B.D.L.	0.0 03	0.0028	0.0051
0140	10/12/22	PCM-165	Load Out	7	7:14	15:20	486.00	2.0	2.0	2.0	972)	5	100	6.3694	B.D.L.	0.0 05	0.0046	0.0050
0140	10/12/22	PCM-166	Field Blank									0	100					
0140	10/12/22	PCM-167	La oratory Blank									0	100					

Sandy West
Analyst Name (Print)

Sandy West
Analyst Signature

October 13, 2022
Date Analyzed

A mando Chavez
Sa ples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	r Cubic Centimeter
F/mm²	Fibers	r Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Oklahoma City, OK 731 7
Phone: 405.616.0401 | ax: 405.681.6753
me n@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AI -021622-AC	Client		lient	
Project Name	Thomas Hospital	Attention		ttention	
Project Address	610 N B oadway Thomas OK 73669	Address		ddress	
Site Contact		Phone #		hone #	
Phone #		Fax #		ax #	
Cel #		Cell #		ell #	
em il		en ail		mail	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm²	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/13/22	PCM-168	L. C studio - 403171	1	7:10	15:12	482.00	2.0	2.0	2.0	964	6	100	7.6433	B.D.L.	0.0 06	0.0055	0.0051
0140	10/13/22	PCM-169	A. opez - 401836	2	7:09	15:13	484.00	2.0	2.0	2.0	968	5.5	100	7.0064	B.D.L.	0.0 05	0.0050	0.0051
0140	10/13/22	PCM-170	Inside Area	3	7:09	15:13	484.00	2.0	2.0	2.0	968	5	100	6.3694	B.D.L.	0.0 05	0.0046	0.0051
0140	10/13/22	PCM-171	Outside Area	4	7:11	15:15	484.00	2.0	2.0	2.0	968	2	100	2.5478	B.D.L.	0.0 02	0.0018	0.0051
0140	10/13/22	PCM-172	Out ide Clean Room	5	7:10	15:13	483.00	2.0	2.0	2.0	966	3	100	3.8217	B.D.L.	0.0 03	0.0028	0.0051
0140	10/13/22	PCM-173	Negative Air	6	7:10	15:12	482.00	2.0	2.0	2.0	964	1	100	1.2739	B.D.L.	0.0 01	0.0009	0.0051
0140	10/13/22	PCM-174	Load Out	7	7:10	13:30	380.00	2.0	2.0	2.0	760	3	100	3.8217	B.D.L.	0.0 04	0.0035	0.0065
0140	10/13/22	PCM-175	Field Blank									0	100					
0140	10/13/22	PCM-176	La oratory Blank									0	100					

Sandy West
Analyst Name (Print)

Sandy West
Analyst Signature

October 17, 2022
Date Analyzed

A mando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	er Cubic Centimeter
F/mm²	Fibers	er Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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Ok ahoma City, OK 731 7
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me n@marshallenviron ental.com

CERTIFICATE OF ANALYSIS

PRO JECT INFORMATION		REPORT TO		INVOICE TO	
Pro ect ID. #	0046-A -021622-AC	Cli nt		lient	
Pro ect Name	Thoma Hospital	At ention		ttention	
Pro ect Address	610 N B oadway Thoma OK 73669	Ac dress		ddress	
Site Contact		Ph ne #		hone #	
Pho ne #		Fa #		ax #	
Cel #		Ce l #		ell #	
em il		en ail		mail	

L boratory Ide ntification	Date Sampled	Field Identification	Sa npling Location	P mp N mber	Start Time	End Time	Total Time	Start Flow Rate	E d Flow Rate	Average Flow Rate	Tot l Volu ne	Fiber Count	Fields	F/mm²	F/cc	L L.	U.C.L.	Detectio Limit
0140	10/17/22	PCM-177	R. ejada - 402585	1	7:10	15:04	474.00	2.0	2.0	2.0	948)	16	100	20.3822	0.0083	0.0 016	0.0149	0.0052
0140	10/17/22	PCM-178	A. opez - 401836	2	7:11	15:04	473.00	2.0	2.0	2.0	946)	13	100	16.5605	0.0067	0.0 013	0.0122	0.0052
0140	10/17/22	PCM-179	Inside Area	3	7:10	15:04	474.00	2.0	2.0	2.0	948)	15	100	19.1083	0.0078	0.0 015	0.0140	0.0052
0140	10/17/22	PCM-180	Outside Area	4	7:10	15:04	474.00	2.0	2.0	2.0	948)	2	100	2.5478	B.D.L.	0.0 002	0.0019	0.0052
0140	10/17/22	PCM-181	Ou ide Clean Room	5	7:11	15:0E	475.00	2.0	2.0	2.0	950)	3	100	3.8217	B.D.L.	0.0 003	0.0028	0.0052
0140	10/17/22	PCM-182	Negative Air	6	7:09	15:04	475.00	2.0	2.0	2.0	950)	4	100	5.0955	B.D.L.	0.0 004	0.0037	0.0052
0140	10/17/22	PCM-183	Field Blank									0	100					
0140	10/17/22	PCM-184	L oratory Blank									0	100					

Sandy West
Analyst Name (Print)

Sandy West
Analyst Signature

October 18, 2022
Date Analyzed

A mando Chavez
Sa ples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below	etection Limit
L.C.L.	Lower	onfidence Limit
U.C.L.	Upper	onfidence Limit
F/cc	Fibers	er Cubic Centimeter
F/mm²	Fibers	er Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/18/22	PCM-185	A. Lopez - 401836	1	7:11	15:07	476.00	2.0	2.0	2.0	952.0	11.5	100	14.6497	0.0059	0.0011	0.0107	0.0052
0140	10/18/22	PCM-186	J. Rodrigues - 402509	2	7:12	15:10	478.00	2.0	2.0	2.0	956.0	14	100	17.8344	0.0072	0.0014	0.0130	0.0051
0140	10/18/22	PCM-187	Inside Area	3	7:12	15:08	476.00	2.0	2.0	2.0	952.0	11.5	100	14.6497	0.0059	0.0011	0.0107	0.0052
0140	10/18/22	PCM-188	Outside Area	4	7:12	15:09	477.00	2.0	2.0	2.0	954.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	10/18/22	PCM-189	Outside Clean Room	5	7:13	15:11	478.00	2.0	2.0	2.0	956.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	10/18/22	PCM-190	Negative Air	6	7:12	15:08	476.00	2.0	2.0	2.0	952.0	7	100	8.9172	B.D.L.	0.0007	0.0065	0.0052
0140	10/18/22	PCM-191	Load Out	7	7:20	15:00	460.00	2.0	2.0	2.0	920.0	3.5	100	4.4586	B.D.L.	0.0004	0.0034	0.0053
0140	10/18/22	PCM-192	Field Blank									0	100					
0140	10/18/22	PCM-193	Laboratory Blank									0	100					

Sandy West	Sandy West	October 19, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/20/22	PCM-203	R. Tejada - 402585	1	7:08	15:03	475.00	2.0	2.0	2.0	950.0	8	100	10.1911	B.D.L.	0.0008	0.0075	0.0052
0140	10/20/22	PCM-204	A. Lopez - 401836	2	7:09	15:04	475.00	2.0	2.0	2.0	950.0	15.5	100	19.7452	0.0080	0.0016	0.0145	0.0052
0140	10/20/22	PCM-205	Inside Area	3	7:09	15:02	473.00	2.0	2.0	2.0	946.0	12	100	15.2866	0.0062	0.0012	0.0112	0.0052
0140	10/20/22	PCM-206	Outside Area	4	7:08	15:03	475.00	2.0	2.0	2.0	950.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	10/20/22	PCM-207	Outside Clean Room	5	7:10	15:02	472.00	2.0	2.0	2.0	944.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0052
0140	10/20/22	PCM-208	Negative Air	6	7:09	15:02	473.00	2.0	2.0	2.0	946.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	10/20/22	PCM-209	Field Blank									0	100					
0140	10/20/22	PCM-210	Laboratory Blank									0	100					

Sandy West	Sandy West	October 21, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/21/22	PCM-211	L. Costudio - 403171	1	7:10	15:10	480.00	2.0	2.0	2.0	960.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	10/21/22	PCM-212	R. Tejada - 402585	2	7:12	15:12	480.00	2.0	2.0	2.0	960.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	10/21/22	PCM-213	Inside Area	3	7:13	15:11	478.00	2.0	2.0	2.0	956.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0051
0140	10/21/22	PCM-214	Outside Area	4	7:13	15:11	478.00	2.0	2.0	2.0	956.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	10/21/22	PCM-215	Outside Clean Room	5	7:12	15:10	478.00	2.0	2.0	2.0	956.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	10/21/22	PCM-216	Negative Air	6	7:12	15:11	479.00	2.0	2.0	2.0	958.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0051
0140	10/21/22	PCM-217	Field Blank									0	100					
0140	10/21/22	PCM-218	Laboratory Blank									0	100					

Sandy West	Sandy West	October 24, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/24/22	PCM-219	A. Lopez - 401836	1	7:10	15:01	471.00	2.0	2.0	2.0	942.0	14	100	17.8344	0.0073	0.0014	0.0132	0.0052
0140	10/24/22	PCM-220	J. Rodriguez - 402589	2	7:11	15:02	471.00	2.0	2.0	2.0	942.0	11	100	14.0127	0.0057	0.0011	0.0103	0.0052
0140	10/24/22	PCM-221	Inside Area	3	7:12	15:01	469.00	2.0	2.0	2.0	938.0	15	100	19.1083	0.0078	0.0015	0.0142	0.0052
0140	10/24/22	PCM-222	Outside Area	4	7:13	15:03	470.00	2.0	2.0	2.0	940.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	10/24/22	PCM-223	Outside Clean Room	5	7:11	15:03	472.00	2.0	2.0	2.0	944.0	1	100	1.2739	B.D.L.	0.0001	0.0009	0.0052
0140	10/24/22	PCM-224	Negative Air	6	7:12	15:02	470.00	2.0	2.0	2.0	940.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0052
0140	10/24/22	PCM-225	Load Out	7	9:45	11:02	77.00	2.0	2.0	2.0	154.0	5	100	6.3694	B.D.L.	0.0031	0.0288	0.0318
0140	10/24/22	PCM-226	Field Blank									0	100					
0140	10/24/22	PCM-227	Laboratory Blank									0	100					

Sandy West	Sandy West	October 25, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/25/22	PCM-228	V. Ruiz - 402587	1	7:05	15:10	485.00	2.0	2.0	2.0	970.0	4	100	5.0955	B.D.L.	0.0004	0.0037	0.0051
0140	10/25/22	PCM-229	A. Valdez - 402589	2	7:06	15:11	485.00	2.0	2.0	2.0	970.0	8	100	10.1911	B.D.L.	0.0008	0.0073	0.0051
0140	10/25/22	PCM-230	Inside Area	3	7:06	15:11	485.00	2.0	2.0	2.0	970.0	6	100	7.6433	B.D.L.	0.0006	0.0055	0.0051
0140	10/25/22	PCM-231	Outside Area	4	7:08	15:10	482.00	2.0	2.0	2.0	964.0	3	100	3.8217	B.D.L.	0.0003	0.0028	0.0051
0140	10/25/22	PCM-232	Outside Clean Room	5	7:07	15:12	485.00	2.0	2.0	2.0	970.0	3	100	3.8217	B.D.L.	0.0003	0.0027	0.0051
0140	10/25/22	PCM-233	Negative Air	6	7:07	15:12	485.00	2.0	2.0	2.0	970.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0051
0140	10/25/22	PCM-234	Load Out	7	8:00	15:00	420.00	2.0	2.0	2.0	840.0	2	100	2.5478	B.D.L.	0.0002	0.0021	0.0058
0140	10/25/22	PCM-235	Field Blank									0	100					
0140	10/25/22	PCM-236	Laboratory Blank									0	100					

Sandy West	Sandy West	October 26, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
AB Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0491 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046 AB 021622 AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm²	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/27/22	PCM-246	A. Lopez - 401836	1	7:01	14:31	450.00	2.0	2.0	2.0	900.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0054
0140	10/27/22	PCM-247	L. Castodio - 403171	2	7:03	14:32	449.00	2.0	2.0	2.0	898.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0055
0140	10/27/22	PCM-248	Inside Area	3	7:01	14:32	450.00	2.0	2.0	2.0	900.0	2	100	2.5478	B.D.L.	0.0002	0.0020	0.0054
0140	10/27/22	PCM-249	Outside Area	4	7:01	14:32	450.00	2.0	2.0	2.0	900.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0054
0140	10/27/22	PCM-250	Outside Clean Room	5	7:03	14:32	449.00	2.0	2.0	2.0	898.0	2	100	2.5478	B.D.L.	0.0002	0.0020	0.0055
0140	10/27/22	PCM-251	Negative Air	6	7:03	14:31	448.00	2.0	2.0	2.0	896.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0055
0140	10/27/22	PCM-252	Field Blank									0	100					
0140	10/27/22	PCM-253	Laboratory Blank									0	100					

Sandy West		October 28, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 101334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm²	Fibers per Millimeter Squared

Present Activity
All Removal

Personal Protective Equipment
Respirator
Gloves
Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0046-AB-021622-AC	**Client**		**Client**	
Project Name	Thomas Hospital	**Attention**		**Attention**	
Project Address	610 N Broadway Thomas, OK 73669	**Address**		**Address**	
Site Contact		**Phone #**		**Phone #**	
Phone #		**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email		**email**		**email**	

Laboratory Identification	Date Sampled	Field Identification	Sampling Location	Pump Number	Start Time	End Time	Total Time	Start Flow Rate	End Flow Rate	Average Flow Rate	Total Volume	Fiber Count	Fields	F/mm^2	F/cc	L.C.L.	U.C.L.	Detection Limit
0140	10/28/22	PCM-254	Clearance - North	HV1	7:05	9:05	120.00	10.0	10.0	10.0	1200.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0041
0140	10/28/22	PCM-255	Clearance - East	HV2	7:07	9:07	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0140	10/28/22	PCM-256	Clearance - Center	HV3	7:06	9:06	120.00	10.0	10.0	10.0	1200.0	5.5	100	7.0064	B.D.L.	0.0004	0.0041	0.0041
0140	10/28/22	PCM-257	Clearance - South	HV4	7:08	9:08	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0140	10/28/22	PCM-258	Clearance - West	HV5	7:08	9:08	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0140	10/28/22	PCM-259	BLANK									0	100					

Sandy West		October 28, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** 33100 **No.** 1024388

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Former Thomas Hospital
b. Generating Location:
c. Address: 610 E. Broadway, Thomas, OK 73669
d. Address:
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE: OK 22-192

j. Description of Waste: RQ,Asbestos,9,NA2212,PGIII

k. Quantity: 30 | Units: y3 | Containers No.: 1 | TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M³ - CUBIC METERS
Y³ - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND**, **if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Juan Prieto — Generator Authorized Agent Name
Signature
9/14/22 — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g) Transporter II complete h-n)

TRANSPORTER I

a. Name: Lowder Transportation Co., Inc.
b. Address: P. O. BOx 307, Shawnee, OK 74802
c. Driver Name/Title: T.Lowder,Driver
d. Phone No.: 405-615-4075 e. Truck No.: 186
f. Vehicle License No./State: 706362 OK
Acknowledgment of Receipt of Materials:
g. Driver Signature — Shipment Date: 9/14/22

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. Driver Signature — Shipment Date:

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**
7600 S.W. 15th • Oklahoma City, OK 73128
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature
Receipt Date: 091622 **02/** 2110655

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: Environmental action,Inc.
b. Shipper's* Phone No.: 918-298-4080
c. Shipper's* Address: P. O. Box 1029,Jenks, OK 74037
d. Shipper's* Special Handling Instructions and additional information:

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: Juan Prieto, Super.
b. Shipper's* Phone No.:
Date: 9/14/22

f. Name and Address of Responsible Agency: ODEQ, 707 N.Robinosn,OKC,OLK 73101

g. ☒ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 11/17)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** 34500 **No.** 1024394

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Formetn Thomas Hospital
b. Generating Location:
c. Address: 610 E. Braadway, Thomas, OK 73669
d. Address:
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE: 22-282

j. Description of Waste: RQ,Asbestos,9,NA2212,PGIII

k. Quantity: 40 | Units: Y3 | Containers No.: 1 | TYPE: t

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Juan Prieto — Generator Authorized Agent Name
Juan Prieto — Signature
9/22/22 — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g) Transporter II complete h-n)

TRANSPORTER I

a. Name: Lowder Transportatoin Co., Inc.
b. Address: P. O. Box 307, Shanwee, OK 74802
c. Driver Name/Title: T.Lowder, Driver
d. Phone No.: 405-615-4075
e. Truck No.: 186
f. Vehicle License No./State: 706362 OK
Acknowledgment of Receipt of Materials:
g. Driver Signature — 9/22/22 Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. Driver Signature — Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**
7600 S.W. 15th • Oklahoma City, OK 73128
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature — 09/22/22 Receipt Date — 02/ 214771

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: ENvironmetnal Action,Inc.
b. Shipper's* Phone No.: 918-298-4080
c. Shipper's* Address: P. O.Box 1029,Jenks,OK 74037
d. Shipper's* Special Handling Instructions and additional information:

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: Juan Prieto, Super.
b. Shipper's* Phone No.:
9/22/22 Date

f. Name and Address of Responsible Agency: ODEQ, 707 N.Robinosn,OKC,OK 73101

g. ☒ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 11/17)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** 34500 **No.** 6147

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Former Thomas HOspital
b. Generating Location:
c. Address: 610 E. Broadway, Thomas, OK 73669
d. Address:
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE: OK 22-282

j. Description of Waste: RQ,ASbestos,9,NA2212,PGIII

k. Quantity: 40 Units: y3 Containers No.: 1 TYPE: T

TYPE	
DM	METAL DRUM
DP	PLASTIC DRUM
B	BAG
BA	6 MIL. PLASTIC BAG or WRAP
T	TRUCK
O	OTHER

UNITS	
P	POUNDS
Y	YARDS
M^3	CUBIC METERS
Y^3	CUBIC YARDS
O	OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Juan Prieto — Generator Authorized Agent Name
Juan Prieto — Signature
10/22 — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

a. Name: Lowder Transportation Co., Inc.
b. Address: P. O. Box 307, Shawnee,OK 74802
c. Driver Name/Title: t. Lowder,driver
d. Phone No.: 405-615-4057
e. Truck No.: 186
f. Vehicle License No./State: 706362 OK
Acknowledgment of Receipt of Materials:
g. Driver Signature — Shipment Date: 10/22

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. Driver Signature — Shipment Date:

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**, **7600 S.W. 15th • Oklahoma City, OK 73128**
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent — Signature
Receipt Date: 10/22 **02/** 02119162

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: ENvironmetnal action,Inc.
b. Shipper's* Phone No.: 918-298-4080
c. Shipper's* Address: P. O. Box 1029,Jenks, OK 74037
d. Shipper's* Special Handling Instructions and additional information:

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: Juan Prieto, Super
b. Shipper's* Phone No.:
Date: 10/22

f. Name and Address of Responsible Agency: ODEQ,707 N.Robinson,OKC,OK 73101

g. ☒ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 11/17)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** _____ **No.** 6148

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Former Thomas Hospital
b. Generating Location: _____
c. Address: 610 E. Broadway, Thomas, OK 73669
d. Address: _____
e. Phone No.: _____
f. Phone No.: _____

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: _____
h. Purchase Order No.: _____
i. WC WASTE CODE: _____ OK 22-282
j. Description of Waste: RQ, Asbestos, 9, NA2212, PGIII
k. Quantity: 40 | Units: Y3 | Containers No.: 1 | TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Juan Prieto — Generator Authorized Agent Name
Juan Prieto — Signature
10/2/22 — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g) Transporter II complete h-n)

TRANSPORTER I

Lowder Transportation Co., Inc.
a. Name: P. O. Box 307
b. Address: Shawnee, OK 78402
c. Driver Name/Title: T. Lowder, Driver
d. Phone No.: 405-615-4075
e. Truck No.: 136
f. Vehicle License No./State: 706362 OK
Acknowledgment of Receipt of Materials:
g. _____ Driver Signature
10/2/22 — Shipment Date

TRANSPORTER II

h. Name: _____
i. Address: _____
j. Driver Name/Title: _____
k. Phone No.: _____
l. Truck No.: _____
m. Vehicle License No./State: _____
Acknowledgment of Receipt of Materials:
n. _____ Driver Signature
_____ Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**
7600 S.W. 15th • Oklahoma City, OK 73128
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**
e. Discrepancy Indication Space: _____

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. _____ Name of Authorized Agent
_____ Signature
10/2/22 — Receipt Date
02/ _____

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: ENvironmetnal ACtion, Inc.
b. Shipper's* Phone No.: 918-298-4080
c. Shipper's* Address: P. O. Box 1029, Jenks, OK 74037
d. Shipper's* Special Handling Instructions and additional information: _____

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: Juan Prieto, Super.
b. Shipper's* Phone No.: _____
10/2/22 — Date
f. Name and Address of Responsible Agency: ODEQ, 707N. Robinson, OKC, OK 73101
g. ☒ Friable; ☐ Non-friable; ☐ Both _____% friable _____% nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 11/17)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** 34500 **No.** 6160

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Former Thomas Hospital
b. Generating Location:
c. Address: 618 E. Broadway, Thomas, OK 73669
d. Address:
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE: [ ][ ] [ ][ ][ ] [ ][ ][ ][ ][ ][ ] [2][2][-][2][8][2]

j. Description of Waste: RQ, Asbestos, 9, NA2212, PGIII

k. Quantity: [ ][ ][ ][4][0] Units: [ ][ ][ ][ ][ ][ ] Containers No.: [ ][ ] TYPE: [ ][ ]

TYPE	
DM	METAL DRUM
DP	PLASTIC DRUM
B	BAG
BA	6 MIL. PLASTIC BAG or WRAP
T	TRUCK
O	OTHER

UNITS	
P	POUNDS
Y	YARDS
M^3	CUBIC METERS
Y^3	CUBIC YARDS
O	OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; **AND, if the waste is a treatment residue of a previously restricted hazardous waste** subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

Juan Prieto — Generator Authorized Agent Name
Juan Prieto — Signature
[1][2][7][2][2] — Shipment Date

Section II — TRANSPORTER (Generator complete a-d; Transporter I complete e-g) Transporter II complete h-n)

TRANSPORTER I

a. Name: Lowder Transportation Co., Inc.
b. Address: P. O. Box 307, Shawnee, OK 74802
c. Driver Name/Title: T. Lowder, Driver
d. Phone No.: 405-615-4075
e. Truck No.: 186 / 186
f. Vehicle License No./State: 706362 OK
Acknowledgment of Receipt of Materials:
g. Driver Signature
[1][2][7][2][2] — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title:
k. Phone No.:
l. Truck No.:
m. Vehicle License No./State:
Acknowledgment of Receipt of Materials:
n. Driver Signature
Shipment Date

Section III — DESTINATION (Generator completes a-d; destination site completes e-f.

a. Site Name: **WASTE CONNECTIONS**
b. Physical Address: **Oklahoma City Landfill**
7600 S.W. 15th • Oklahoma City, OK 73128
c. Phone No.: **(405) 745-3091**
d. Fax No.: **(405) 745-3611**
e. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent
Signature
[1][2][2][2][2][2] — Receipt Date
02/

Section IV — ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.

a. Shipper's* Name: Environmetnal Action, Inc.
b. Shipper's* Phone No.: 918-298-4080
c. Shipper's* Address: P. O. Box 1029, Jenks, OK 74037
d. Shipper's* Special Handling Instructions and additional information:

CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Shipper's* Name & Title: Juan Prieto, Super.
b. Shipper's* Phone No.:
[1][2][7][2][2] — Date
f. Name and Address of Responsible Agency: ODEQ, 707 N. Robinson, OKC, OK 731-1
g. [X] Friable; [ ] Non-friable; [X] Both 50 % friable 50 % nonfriable

*Shipper refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation, or both.

WC1000 (Rev. 11/17)

White - Destination Retain Green - Return to Generator Canary - Return to Operator Pink - Transporter Retain Goldenrod - Generator Retain

WASTE CONNECTIONS INC.
Connect with the Future®

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOTasbestos waste, complete only Sections I, II and III. **Tare, Wt.** 33100 **No.** 6173

Section I — GENERATOR (Generator completes all of Section I)

a. Generator Name: Former Thomas Hospital
b. Generating Location:
c. Address 610 E. Broadway
Thomas, OK 73669
d. Address
e. Phone No.:
f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name:
h. Purchase Order No.:

i. WC WASTE CODE [ ] [ ] [ ]

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 8-29-22 monday	Page 5 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: prep		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:51 Am Checked all doors and windows then started Safety meeting and went over Job scope - prep work Continued in Kitchen area 12:00 - 1:00pm Lunche Same work continued for Rest of day		
6 workers 1 Supervisor		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: warm - morning 40f - day	IMPORTANT TELEPHONE CALLS: Darwin chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto		DATE: 8-29-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 8-30-22 Tuesday	Page 6 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: prep		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site at 6:50 Am Walked around Building to check windows and Doors. found some that were broken. 7:10 Am started Safety meeting and went over Job Scope for the day. prep work in Kitchen continued. 12:00 pm - 1:00pm Lunch time. at the End of day we Checked all Doors and windows to make sure they was all locked. after that it was time to go Home.

6 Workers
1 Supervisor

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Warm- morning Hot - Evening	IMPORTANT TELEPHONE CALLS: Darwin Chestnut

IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto		DATE: 8-30-22 Tuesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 8-31-22 Wednesday	Page 7 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: prep /		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived at Job site 6:50 Am walked around and checked all the windows and Doors. 7:10 Am Started Saftey meeting and went over Job Scope for the day prep on Decon and Kitchen area. 12:00 pm - 1:00 pm Lunch Same prep work Rest of day

6 workers
1 Supervisor

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 8-31-22 Wednesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-1-22 Thursday	Page 8 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: prep		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to job site 6:52 Am walked around and checked all doors and windows. more windows was broken this morning. T.S started Saftey meeting and went over Job Scope. Had one guy cover the Broken window while others continued Prep work in Kitchen. 12:00pm - 1pm Lunch Same work rest of day.		
6 workers 1 Supervisor		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Cool morning Hot day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 9-1-22 Thursday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-6-22 Tuesday	Page 9 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6613
FIELD ACTIVITY SUBJECT: Prep work		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:55 hr walked around Buildings to check windows and Doors. Started saftey meeting and went over Job Scope. Few workers worked on Prep while others started to Removed transite from Building 6 "six" 12:00pm - 1:00pm Lunche after lunch workers Continued the transite Removal. Same work Continued Rest of day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Hot - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto		DATE: 9-6-22 Tuesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-7-22 wednesday	Page 10 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Prep /		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:47 walked around the Buildings. more windows was broken. Started saftey meeting at 7:08 Am went over Job Scope for the day. Had workers check Decon to make sure it was 100% ready to go. later mid morning Keith Hunt with D.O.L. to give a prep inspection. 11:00Am-12:00pm Lunch after Lunch workers went in got Dressed and started the abatement. 4:30pm workers Showerd out got dressed. then picked up Extension cord and generator and called it a day

6 workers
1 Supervisor

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-7-22 wednesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-8-22 Thursday	Page 11 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:48 Am walked around buildings to check windows and Doors. 7:14 Am Started Safety meeting and went over Job scope for the day workers got dressed and went inside to start abatement for The day. 12:00pm - 1:00PM Lunch. Same work till End of day		
6 workers 1 Supervisor		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: warm - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 9-8-22 Thursday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-9-22 Friday	Page 12 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:55 Am walked around to check all windows and doors. 7:15 Am Started Saftey meeting and went over Job Scope. workers Got dressed and Started abatement For the day. 12:00 Pm - 1:Pm Lunch, Same work Till End of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot - Morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-9-22 Friday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-12-22 monday	Page 13 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:55 Am walked around to check all windows and Door's. Started Safety meeting and went over Job scope. workers got dressed and Started abatement for the day. 12:00pm - 1:00pm Lunch. after Lunch worker continued the abatement process.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Sunny Hot - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-12-22. monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-13-22 Tuesday	Page 14 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement.		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:52 Am checked all windows and doors, @ 7:09 Am started Saftey meeting and went over Job scope. after meeting workers got dressed and went on in to start abatement for the day. 12:00 pm - 1:00 pm Lunch. after Lunch workers continued the abatement. for the Rest of the Day.		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: very Hot all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnat	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 9-13-22 Tuesday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-14-22 Wednesday	Page 15 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:55 AM Walked around and checked all the windows and Doors. 7:09 started Safety meeting and went over Job Scope for the day. Workers Continued with the abatement. 12:00pm - 1:00pm Lunch. Same work rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot morning Hot day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-14-22 Wednesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-15-22 Thursday	Page 16 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:51 AM checked all windows and door's. started safety meeting and went over Job Scope. workers got dressed and went in to start abatement for the day 12:00 - 1:00pm lunch. Same work continued Rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot morning Hot day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-15-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-19-22 monday	Page 1 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:59 AM Checked windows and Doors. more broken windows. 7:10 started Saftey meeting and went over Job Scope. Had one worker Cover window with wood while others got dressed and went in to start abatement for the day 12:00pm-1:00pm Lunch Same work rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm morning Hot-Hot afternoon	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-19-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-20-22 Tuesday	Page 1 of 1
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to job site 6:48 Am checked windows and doors. none broken today. @ 7:10 started safety meeting and went over job scope. workers got dressed and went in to start abatement for the day. 12:00 pm - 1:00 pm Lunch time after lunch workers went in to continue the abatement for the rest of the day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-20-22 Tuesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-21-22 wednesday	Page 19 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:50 am checked all windows and doors. all was good. 7:05 Am Started Saftey meeting and went over Job Scope. workers got dressed and Started abatement for the day. 12:00 Pm - 1:00 Pm Lunch Same work continued Rest of day.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: nice cool - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-21-22 wednesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-22-22 Thursday	Page 20 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:55 Am walked around to check windows and doors. 7:05 Am started Saftey meeting and went over Job Scope. worker got dressed and continued Abatement for the day. 12:00pm - 1:00pm Lunch Same work continued for Rest of day.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-22-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-26-22 monday	Page 21 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:59 Am walked around to check windows and doors. Side door of Kitchen was open the side window next to door is busted out. Called Jennifer with the City of thomas know what happen. 7:20 Started Safety meeting and went over Job Scope. Had Two Guys clean up the mess and cover holes with plywood. Then other worker got dressed and continued with abatement 12:00pm - 1:00pm Lunch - after Lunch Same work Rest of Day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-26-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-27-22 Tuesday	Page 22 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:49 Am walked around to check windows and doors. Today Everything was in place. 7:10 Am Started Safety meeting and Went over Job Scope. Workers got dressed and went on inside the containment. Some workers continued with abatement and others started cleaning up. floors. bag up materials 12:00 Pm - 1:00 Pm Lunch. Same work Rest of Day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-27-22 Tuesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-28-22 Wednesday	Page 23 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to job site 6:52 Am walked around to check windows and doors. 7:09 started Saftey meeting and went over Job Scope. workers got dressed and went on to get abatement started for the day. 12:00pm - 1:00 pm Lunch Hour. Same work Rest of day		

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: very hot all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-28-22

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 9-29-22 Thursday	Page 24 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Location 6:50 Am went around and checked all doors and windows. 7:08 Am Started safety meeting and went over Job Scope. workers got dressed and went in the containment. 12:00 Pm - 1:00 Pm Lunch.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Cool - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 9-29-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-3-22 monday	Page 25 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: clean up containment		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:50 Am walked around to check windows and doors. Started Safety meeting and went over Job Scope. workers got dressed and went in to start the Final Cleaning process. 12:00 Pm - 1:00 Pm Lunch.		

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-3-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-4-22 Tuesday	Page 26 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: Clean up		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:55 Am walked around to check windows and doors. Started Safety meeting and went over Job scope for the day 12:00 pm - 1:00 pm Lunch. Workers continued with clean up Rest of day		

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Very Hot all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-4-22

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-5-22 Wednesday	Page 27 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Clean up		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: arrived to Job site 6:46 Am Walked around checked windows and ~~wrong~~ doors. 7:10 Am Started Safety meeting and went over Job Scope., workers got dressed and Continued to clean up and others bagged out. 12:00 to 1:00 Pm Lunch Same work Rest of day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Rain - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 10-5-22 Wednesday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-6-22 Thursday	Page 28 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Lock down		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:58 Am Walked around and checked windows and doors. found another window broken Started Saftey meeting and went over Job Scope for the day - 4 workers got dressed to start Lockdown. others started demo on window caluking. 12:30-1:00pm Lunch. after Lunch same work continued. finished Lockdown around 7:00pm

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - muggy - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-6-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-10-22 monday	Page 29 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: inspection / prep		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:53 Am Walked around and checked all windows and doors. Everything looked good. Started safety meeting and went over Job SOP. workers started working on Removing all the window caulking. Keith Hunt with D.O.L. Arrived to Job Site. once inspection was compleat. Workers started abatement in building 5 and 6 12:00pm - 1:00pm Lunch. Same work Rest of day

VISITORS ON SITE: Keith Hunt	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-10-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-11-22 Tuesday	Page 30 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:51 Am walked around checked All windows and doors. 7:11 Am started Safety meeting and went over Job scop. Had All workers dress out and go into containment. 12:00pm - 1:00pm Lunch same abatement work continued Rest of day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: warm - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 10-11-22 Tuesday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-12-22 wednesday	Page 31 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:58 Am Walked around checked all windows and doors. 7:13 Started Safety meeting and went over Job Scope. Workers got dressed and went in to start abatement for the day. 12:00 pm - 1:00 pm Lunch. Same work Rest of day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armanda Chavez	
SIGNATURE: Juan Prieto	DATE: 10-12-22 wednesday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-13-22 Thursday	Page 32 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:50 Am Walked around and checked all doors and windows. Started Safety meeting and went over Job Scope. Workers got dressed and went in to Containment 12:00 pm - 1:00 pm Lunch. Same work Rest of Day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Very Hot - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-13-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-17-22 monday	Page 33 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:51 AM Walked building to check windows and doors. 7:09 Am Started safety meeting and went over Job Scope, after meeting workers got dressed and went in to Containment. 12:00 Pm - 1:30 Pm. Lunch. Same work Rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Very Hot - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-17-22 monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-18-22 · Tuesday	Page 34 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:52 Am Walked ground to Check all windows and doors, 7:02 Am started Safety meeting. Workers Got dressed and continued abatement. 12:00 PM - 1:00 Pm Lunch. workers continued with Abatement in building 5 and 6 Rest of day.		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS:	IMPORTANT TELEPHONE CALLS:	
IH PERSONNEL ON SITE:		
SIGNATURE:	DATE:	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-19-22 Wednesday	Page 35 of
PROJECT NAME: Thomas Hospital	PROJECT NO. 6673	
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:47 Am walked around and checked all doors and windows. 7:32 Am started Safety meeting and went over Job scop. 12:00 pm - 1:00 pm Lunch Same work Rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: warm - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-19-22 Wednesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-20-22 Thursday	Page 36 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:56 Am walked around Checked all windows and doors. 7:09 Am Started Safety Meeting. workers got dressed and went in to Containment. 12:00 Pm - 1:00 Pm Lunch Hour. Same work Rest		

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Very Hot - All day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-20-22 Thursday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-21-22 Friday	Page 37 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job Site 6:56 Am Walked around checked doors and windows. 7:00 started safety meeting and went over Job scope. 12:00 pm - 1:00 pm Lunch. Workers continued same work Rest of day.		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Hot	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto		DATE: 10-21-22 Friday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-24-22 Monday	Page 38 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 1673
FIELD ACTIVITY SUBJECT: Abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:47 Am walked around and checked all windows and doors. 7:05 Am Started Safety meeting and went over Job Scope. Workers got dressed and went into Containment workers get containment Ready for Lockdown 12:00pm - 1:00 pm Lunch.

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot - all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-24-22 Monday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-25-22 Tuesday	Page 3 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Lockdown / abatement		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:46 Am walked around to check windows and doors. 7:00 Am started safety meeting and went over Job Scope. workers got dressed to Lockdown and to Remove Caulking 12:00 pm - 1:00 pm Lunch. Same work Rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Cool - morning Hot - day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-25-22 Tuesday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-26-22 Wednesday	Page 40 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Abatement		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:56 Am walked around and checked doors and windows. workers went on to Remove Window Calking 12:00 pm - 1:00 pm Same work Rest of day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Hot all day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 10-26-22 Wednesday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-27-22 Thursday	Page 4/1 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Window calking		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:51 Am walked around to check windows and doors. T.O.S started safety meeting and went over scope. Scope today is Remove window calking 12:00 pm - 1:00 pm Lunch. Same work Rest of day.		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: warm - dry	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 10-27-22 Thursday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-28-22 Friday	Page 42 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: visual / Final		

DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:50 Am walked around checked all windows and doors. Tios started Safety meeting and went over Job Scope – workers Continued with Window Calking Removal. Later in the morning Keith Hunt with Dol. Arrived to give inspection while other workers continue wit window calking 12:00pm- 1:00pm Lunch. Workers then started to demo Deron "Shower" same work Rest of day

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Rain- most of day	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	[redacted] Armando Chavez
SIGNATURE: Juan Prieto	DATE: 10-28-22 Friday

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 10-29-22 Saturday	Page 4 3 of
PROJECT NAME: Thomas Hospital	PROJECT NO.	
FIELD ACTIVITY SUBJECT:		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job site 6:55Am Checked windows and doors. T. 12 Am started meeting. workers started to pull Cridicals and load the work Trailer. Same work Rest of Day		
VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	
WEATHER CONDITIONS: Wet	IMPORTANT TELEPHONE CALLS: Darwin Chesnut	
IH PERSONNEL ON SITE:	Armando Chavez	
SIGNATURE: Juan Prieto	DATE: 10-29-22 Saturday	

ENVIRONMENTAL ACTION, INC.

DAILY FIELD ACTIVITY LOG

SUPERVISOR: Juan Prieto	DATE: 11-11-22 Friday	Page 44 of
PROJECT NAME: Thomas Hospital		PROJECT NO. 6673
FIELD ACTIVITY SUBJECT: Replace wood in windows		
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS: Arrived to Job about 9 Am Started measuring and cutting wood to cover windows same work Rest of Job		

VISITORS ON SITE:	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:
WEATHER CONDITIONS: Hot	IMPORTANT TELEPHONE CALLS: Darwin Chesnut
IH PERSONNEL ON SITE:	Armando Chavez
SIGNATURE: Juan Prieto	DATE: 11-11-22- Friday