

Former Huston Early Childhood Center

Blackwell, OK

Owner: City of Blackwell

Final Remediation Report



SITE CLEANUP ASSISTANCE PROGRAM

Brownfields performed sampling in September of 2021

- Asbestos located in building
- Over 14,000 sq.ft. of transite panels removed
- 920 ln. ft. of pipe insulation removed
- Abatement completed in November of 2022
- Plan to build low income housing on property



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Return To:
Traci Hanebrink, Secretary of BFA
P. O. Box 350
Blackwell, OK 74631



I-2020-007867 11/04/2020 9:24 am
Book 1851 Pg 0247-0247
Fee: \$ 18.00 Doc: \$ 0.00
Tammy Reese - Kay County Clerk
State of Oklahoma

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS:

That **Blackwell Economic Development Authority**, with an address of 120 S. Main Street, Blackwell, OK, 74631, Party of the First Part, in consideration of the sum of TEN & NO/100 (\$10.00) dollars, and other valuable considerations, in hand paid, the receipt of which is hereby acknowledged, does grant, bargain, sell, convey and warrant unto the Blackwell Facilities Authority, with an address of 221 West Blackwell Avenue, Blackwell, Oklahoma, 74631, hereinafter Party of the Second Part, the following described real property and premises situated in Kay County, State of Oklahoma, to-wit:

Legal Description:

BLOCK 1, LOTS 6-11, AND SOUTH HALF OF LOT 5, AND WEST 40' OF LOT 5, VINNEDGE ADDITION TO THE CITY OF BLACKWELL, KAY COUNTY, STATE OF OKLAHOMA

AND

BLOCK 6, TRACTS 1-23, MYERS RIVESIDE ADDITION TO THE CITY OF BLACKWELL, KAY COUNTY, STATE OF OKLAHOMA

together with all the improvements thereon and appurtenances thereunto belonging.

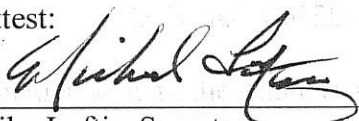
TO HAVE AND TO HOLD THE SAME, together with all and singular the tenements, hereditaments and appurtenances thereto belonging, unto the Parties of the Second Part, forever, the said Party of the First Part covenanting that said Party and the heirs, executors, administrators and assigns of such party shall and will warrant and defend the title to the premises unto the said Parties of the Second Part, and to the heirs and assigns of such Parties forever, against the lawful claims of all persons whomsoever, excepting, however, the taxes and assessments not yet due, restrictions, covenants and easements of record.

IN WITNESS WHEREOF, the said Party of the First Part has hereunto set his hand the 21 day of October 2020.

NO DOCUMENTARY STAMPS REQUIRED:
68 OKLA. STAT. 3202(11)

BLACKWELL ECONOMIC DEVELOPMENT AUTHORITY

Attest:


Mike Loftis, Secretary

By: 
Darrel Grossardt, Chairman

ACKNOWLEDGMENT

STATE OF OKLAHOMA)
) SS:
COUNTY OF KAY)

Before me the undersigned, a Notary Public, in and for the County and State on this 21 day of October 2020, personally appeared Darrel Grossardt, known to me to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as the Chairman of the Blackwell Economic Development Authority, of and on behalf of the Blackwell Economic Development Authority, and as the free and voluntary act of the Blackwell Economic Development Authority, and for the uses and purposes therein set forth. Given under my hand and seal the day and year above written.




Signature of Notary Public
My commission expires: 7-24-21

BOOK 1851 PAGE 0247

BILL OF SALE

BE IT KNOWN, for good consideration, and in payment of the sum of

\$21,000

the receipt and sufficiency of which is acknowledged, the undersigned

Kathleen Brown

of Blackwell Board of Education (Seller)

hereby sells and transfers to

John Robertson

of Blackwell Economic Development Authority (Buyer)

the following described property:

Huston School located at 304 Vinnedge, Blackwell, OK 74631 consisting of 6 lots:

Legal Description BKWL-VINNEDGE ADD

BLK 1 LOT 6-11, BLK 1 S/2 OF LOT 5, BLK 1 W40' of Lot 5

The Seller warrants to Buyer that it has good and marketable title to said property, full authority to sell and transfer said property, and that said property is sold free of all liens, encumbrances, liabilities and adverse claims of every nature and description whatsoever.

Seller further warrants to Buyer that it will fully defend, protect, indemnify and hold harmless the Buyer and assigns from any adverse claim made thereto by all persons whomsoever.

Said property is otherwise sold in "as is" condition and where presently located.

Signed this 13th day of January 2020

Signed in the presence of :

Jennifer Murphy

Witness

Jennifer Murphy

Print Name of Witness

225 Fairview Ave Blackwell OK

Address of Witness

Kathleen Brown

Seller

201 E Blackwell Blackwell OK

Address of Seller

Buyer

Address of Buyer



Intergovernmental Agreement

This Intergovernmental Agreement (Agreement) between the Oklahoma Department of Environmental Quality (DEQ) and Blackwell (City) is for environmental cleanup services provided by DEQ for the Property located at 304 Vinnedge Ave, Blackwell, OK, 74361, Kay County. The areas of responsibility and relationships presented herein provide the conceptual framework under which the project will be executed.

- I. **STATUTORY AUTHORITY AND EFFECTIVE DATE:** This Agreement is authorized pursuant to and in accordance with the provisions of Title 27A Okla. Stat. (O.S.) § 2-3-201, 27A O.S. § 2-3-202, 74 O.S. § 581, and 74 O.S. § 1008. This Agreement shall begin on August 1st, 2022 or when executed by all parties whichever date occurs of the later and will continue through July 31st, 2023 or until completion of project or through an amendment whichever occurs first.
- II. **ENVIRONMENTAL CLEANUP SERVICES:** The City has requested environmental cleanup assistance from DEQ. DEQ agrees to provide the environmental cleanup services outlined in the attached Statement of Work (**Exhibit "A"**) and the City agrees to these services.
- III. **RESPONSIBILITIES OF ALL PARTIES:** The City and DEQ mutually agree that the responsibilities shall be as stated below:
 - 1) City's Responsibilities: The City shall be responsible for the duties listed below and shall not hold DEQ responsible for any of the duties. Those duties shall include:
 - a) Appoint a representative to serve as the central point of contact on matters relating to this Agreement and submit said representatives name and contact information to DEQ within ten (10) days of the effective date of this Agreement;
 - b) Restrict occupant's use/presence in the facility during remediation, as requested. This could include but is not limited to removing equipment, vehicles and other items that may be in the way of cleanup activities; and
 - c) Attend routine update calls with DEQ during the remediation process;
 - 2) DEQ's Responsibilities: DEQ shall be responsible for the duties listed below and shall not hold the City responsible for any of the duties. Those duties shall include:
 - a) Appoint a representative to serve as the central point of contact on matters relating to this Agreement and submit said representatives name and contact information to the City within ten (10) days of the effective date of this Agreement;
 - b) Provide regular verbal progress reports via calls with the City;
 - c) Manage work and cover costs associated with the environmental cleanup work outlined in the attached Statement of Work (**Exhibit "A"**); and
 - d) Supply the City with a final report of all DEQ activities within 90 days of completion of work.
- IV. **ACCESS TO PROPERTY:** All access to property shall be enforced by the executed Environmental Access Permit that shall accompany this Agreement upon execution.

- V. **PUBLIC INFORMATION:** The City is generally responsible for all public information. The City shall acknowledge the DEQ cleanup services outlined in this Agreement when making public statements regarding this building. The City will allow DEQ to place signs on the property during the environmental cleanup work. DEQ may make public announcements and respond to all inquiries relating to the environmental cleanup work in this Agreement. DEQ reserves the right to approve all press releases and publications where the agency is mentioned or included before publication. The agency shall provide a contact for publicity approval within ten (10) days of execution of the Agreement. The City shall have the agency's approval before using the DEQ logo or moving any DEQ signs the agency has placed. The City and DEQ shall give the other party advance notice before making any public statement regarding work contemplated, undertaken, or completed pursuant to this Agreement.
- VI. **TERMINATION:** This Agreement is expressly contingent upon funding and shall terminate without penalty either in whole or in part if funds are not made available to DEQ. Either party may terminate this Agreement by giving written notice at least sixty (60) days prior to the desired date of cancellation.
- VII. **ACCEPTANCE OF AGREEMENT:** The parties acknowledge and agree that they have read the Agreement and that they accept the responsibilities with which they are charged. The City agrees to comply with the building use restrictions during cleanup and understands that failure to comply with said restrictions or failure to adhere to the responsibilities enumerated in this Agreement may result in delayed remediation. This Agreement shall not affect any pre-existing or independent relationships or obligations between the parties. The City's Acceptance of this Agreement from DEQ constitutes acceptance of all current DEQ Purchasing terms and conditions. Terms and conditions are subject to change and may be found at <https://www.deq.ok.gov/wp-content/uploads/deqmainresources/DEQ-Terms-and-Conditions.pdf>
- VIII. **UNAUTHORIZED OBLIGATION:** At no time during the performance of this Agreement shall the City have the authority to obligate DEQ for payment of any goods or services.

In witness whereof, this Agreement, consisting of four (4) pages has been executed and delivered effective as of the date first above written.

City of Blackwell
P.O. Box 350
Blackwell, OK, 74361


Authorized Representative Signature 7/28/22
Date

 City Manager
Authorized Representative Name, Title

Oklahoma Department of Environmental Quality
707 N. Robinson, P.O. Box 1677,
Oklahoma City, Oklahoma 73101-1677

Authorized Representative Signature Date

Authorized Representative Name, Title



Environmental Access Permit

THIS PERMIT made and entered into by and between **City of Blackwell**, 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 Kay County, Oklahoma, hereinafter referred to as the "Property":

304 Vinnedge Ave, Blackwell, OK, 74631, Kay County

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 1 year beginning August 1, 2022, and ending July 31, 2023.
2. **USE OF PROPERTY**: PERMITTEE and its consultants 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 consultants 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.

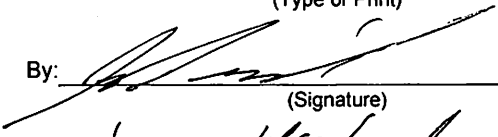
PERMITOR: <u>City of Blackwell</u>	PERMITTEE: <u>Oklahoma Department of Environmental Quality</u>
(Type or Print)	
By: <u></u>	By: _____
(Signature)	(Signature)
<u>Jerry Wieland City Manager</u>	<u>Catherine Sharp</u>
(Print Name and Title)	(Print Name)
	Director of Support Services, Administrative Services Division
Date: <u>7/28/22</u>	Date: _____

Exhibit "A"
Property Location Map



Inspection Reports

HUSTON EARLY CHILDHOOD CENTER
304 VINNEDGE AVENUE
BLACKWELL, OK 74631

SEPTEMBER 7, 2021

ASBESTOS INSPECTION

SERVICES PROVIDED FOR:

Oklahoma Department of Environmental Quality Land Protection Division
Attention: Samuel Hooker, Environmental Programs Specialist
PO Box 1677
Oklahoma City, OK 73101
405.702.5117 | Sam.Hooker@deq.ok.gov

SERVICES PROVIDED BY:

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

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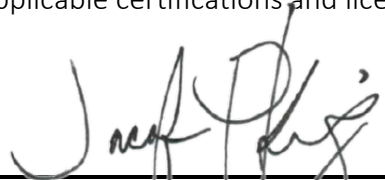
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CERTIFICATION

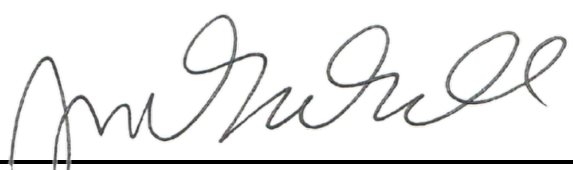
This is to certify that MEM was contracted by Samuel Hooker on behalf of Oklahoma Department of Environmental Quality, to conduct an Asbestos Inspection within the Parkside Elementary School located at 304 Vinnedge Avenue in Blackwell, Oklahoma. This inspection was performed on August 11th of 2021 by an Asbestos Hazard Emergency Response Act (AHERA) Inspector, certified by the Environmental Protection Agency (EPA) and licensed by the Oklahoma Department of Labor (ODOL) and under the direction of an AHERA Management Planner, 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.

September 7, 2021



*Jacob King | Asbestos Inspector**Report Date**EPA AHERA Asbestos Inspector | Certification #: 804107**ODOL Asbestos Inspector | License #: 401815*

September 7, 2021



Jamie Marshall | MS | CIH
*President**Report Date**EPA AHERA Asbestos Inspector/Management Planner | Certification #: 704000**ODOL Asbestos Inspector/Management Planner | License #: 400477**EPA AHERA Asbestos Project Designer | Certification #: 600787**ODOL Asbestos Project Designer | License #: 400478***LABORATORY ANALYSIS PERFORMED BY:***Marshall Environmental Management, Inc.**1301 North Martin Luther King Avenue**Oklahoma City, Oklahoma 73117**Laboratory Accreditation: AIHA PAT ID #: 102334*

HUSTON EARLY CHILDHOOD CENTER

ASBESTOS INSPECTION

EXECUTIVE SUMMARY

On August 11, 2021, Marshall Environmental Management, Incorporated (MEM) conducted an asbestos inspection within the Huston Early Childhood Center located at 304 Vinnedge Avenue in Blackwell, Oklahoma. This inspection was performed so that a strategy, that follows the regulations set forth by the Environmental Protection Agency (EPA), may be prepared for the management and/or abatement (i.e., the removal and disposal) of building material(s) that contain asbestos. As such, ***asbestos-containing floor tile, floor tile mastic, transite panels, and pipe insulation were identified*** as a result of this inspection throughout the school.

The EPA and the ODOL define an Asbestos-Containing Material (ACM) as any material that contains asbestos in concentrations greater than one percent (>1%). In accordance with the EPA, the ***asbestos-containing floor tile, floor tile mastic, and transite panels are considered non-friable***, that which cannot be rendered to a powder via hand pressure. The ***asbestos-containing pipe insulation is considered friable***, that which can be rendered to a powder via hand pressure. Accordingly, the ***asbestos-containing floor tile and floor tile mastic is categorized as Category I Non-Friable ACM***, whereas the ***asbestos-containing transite panels are categorized as Category II Non-Friable ACM***; and the ***asbestos-containing pipe insulation is categorized as a Regulated ACM (RACM)***. Materials that contain asbestos can exist in a structure as long as they remain undisturbed and in good condition. However, ***the asbestos-containing floor tile, floor tile mastic, transite panels, and pipe insulation must be abated prior to the commencement of renovation and/or demolition activities that would render these ACM friable.***

In accordance with the Occupational Safety and Health Administration (OSHA), the abatement of the ***asbestos-containing pipe insulation is required to be carried out as Class I Work***, whereas the ***asbestos-containing floor tile, floor tile mastic, and transite panels are required to be carried out as Class II Work***. In addition to this, ***an Asbestos Abatement Project Design must be submitted to and approved by the ODOL*** prior to the abatement of the asbestos-containing pipe insulation; and 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 renovations and any demolition activities. Lastly, ***the ODOL requires Third-Party Asbestos-Abatement Air Monitoring to take place*** while asbestos-abatement activities are taking place. The sampling location, condition, type and quantity of material(s) identified as asbestos-containing are summarized in the Observations and Findings portion of this report. The remainder of this report is comprised of the Sampling Strategy and Methodology, the 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 Huston Early Childhood Center is located at 304 Vinnedge Avenue in Blackwell, Oklahoma. This school complex consists of 7 one-story buildings. The school interior is comprised of brick, wood paneling, drywall, carpet, floor tile with a concrete foundation. The exterior is comprised of brick. The buildings date of construction is 1949. As part of this inspection, suspect materials identified and sampled included wall systems, floor tile, floor tile mastic, sink undercoat, caulking, glaze, batting insulation, and pipe insulation. Subsequently, **asbestos-containing floor tile, floor tile mastic, transite panels, and pipe insulation** were identified as part of this inspection. 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.

CATEGORY I NON-FRIABLE ASBESTOS-CONTAINING MATERIALS**TABLE I: FLOOR TILE AND MASTIC**

DESCRIPTION LOCATION	CONDITION	TYPE	% ASBESTOS	QUANTITY	ESTIMATED COST
THROUGHOUT ENTIRE SCHOOL	GOOD	MISCELLANEOUS	7-15% CHRYSOTILE	~15,879 ft ²	\$82,500

CATEGORY II NON-FRIABLE ASBESTOS-CONTAINING MATERIALS**TABLE II: TRANSITE PANELS**

DESCRIPTION LOCATION	CONDITION	TYPE	% ASBESTOS	QUANTITY	ESTIMATED COST
NW CUSTODIAL ROOM BUILDING 3	GOOD	MISCELLANEOUS	40% CHRYSOTILE	~750 FT ²	\$4,000
STORAGE 2 BUILDING 2	GOOD	MISCELLANEOUS	40% CHRYSOTILE	~300 FT ²	\$1,600
EXTERIOR BREEZE WAY BETWEEN ALL BUILDINGS	GOOD	MISCELLANEOUS	40% CHRYSOTILE	~13,200 FT ²	\$70,000

FRIABLE ASBESTOS-CONTAINING MATERIALS**TABLE III: PIPE INSULATION**

DESCRIPTION LOCATION	CONDITION	TYPE	% ASBESTOS	TOTAL QUANTITY	ESTIMATED ABATEMENT COST
2 PIPES THE ENTIRE LENGTH OF NORTH WALL UNDER SINK CABINET BUILDINGS 1 AND 2	GOOD	TSI	5-30% CHRYSOTILE	~900 LFT	\$22,500
NW CUSTODIAL ROOM BUILDING 3	GOOD	TSI	5-30% CHRYSOTILE	~20 LFT	\$500

TOTAL ESTIMATED COST

TOTAL ESTIMATED PRICE FOR ABATEMENT	\$181,100
TOTAL ESTIMATED COST OF PROJECT DESIGN & THIRD-PARTY AIR MONITORING	\$15,000
TOTAL ESTIMATED COST OF ABATEMENT TO INCLUDE THIRD-PARTY AIR MONITORING	\$196,100

REGULATED ASBESTOS-RESPONSE ACTIONS

- The Friable, Category I, and Category II Non-Friable ACM (i.e., floor tile, floor tile mastic, transite panels, and pipe insulation) must be abated prior to the commencement of certain renovation and demolition activities.
- The abatement of the asbestos-containing and pipe insulation must be carried out as *Class I Work* in accordance with OSHA.
- The abatement of the asbestos-containing floor tile, floor tile mastic, and transite panels 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., pipe insulation).
- 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.
- Third-Party Asbestos Abatement Air Monitoring is required while the abatement activities are 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 CFR 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: <http://www.deq.state.ok.us/aqdnew/asbestos/index.htm>. 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

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 SAMPLE LOCATIONS

PHOTO ALBUM

CERTIFICATION/LICENSURE



MARSHALL ENVIRONMENTAL MANAGEMENT, INC.

1301 N MARTIN LUTHER KING AVENUE
OKLAHOMA CITY, OK 73117

405.616.0401 | FAX: 405.681.6753 | MEM@marshallenvironmental.com

MARSHALL ENVIRONMENTAL MANAGEMENT, INC. www.marshallenvironmental.com

CHAIN OF CUSTODY

PROJECT INFORMATION				CONTACT INFORMATION				FUNGI		ASBESTOS	OTHER			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ			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)		
PROJECT NAME	HUSTON EARLY CHILDHOOD CENTER			ATTENTION	SAMUEL HOOKER									
ADDRESS	304 VINNEDGE AVENUE			ADDRESS	PO BOX 1677									
CITY STATE ZIP	BLACKWELL, OK 74631			CITY STATE ZIP	OKLAHOMA CITY, OK 73101									
CONTACT	SAMUEL HOOKER, ODEQ			PHONE NUMBER	405.702.5117									
PHONE NUMBER	405.702.5117 / 405.501.7885			ALTERNATE NO.	405.501.7885									
EMAIL ADDRESS	Sam.Hooker@deg.ok.gov			EMAIL ADDRESS	Sam.Hooker@deg.ok.gov									
SAMPLE TURN-AROUND TIME				SAMPLE MATRIX / MEDIA										
☒ STANDARD (5-7 business days) ☐ NEXT DAY ☐ SAME DAY				MP MOLD PLATE ST SPORE TRAP TL TAPE LIFT ☒ B BULK ☐ O OTHER										
SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION				TIME / UNITS / CONDITION						
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.											
0237	08/11/21	PLM	01	TRANSITE CEILING BREEZWAY MIDDLE				GOOD						
			02	" " "				↓						
			03	" " "				↓						
			04	WALL SYSTEM RM 1 EAST WALL				GOOD						
			05	9x9 FLOOR TILE + MASTIC UNDER CARPET RM 1 W FLOOR				GOOD						
			06	CEILING TILE RM 1				GOOD						
			07	BAT INSULATION RM 1				GOOD						
			08	2x2 CEILING TILE ABOVE DROP CEILING RM 1				GOOD						
			09	" " "				↓						
			10	" " "				↓						
COLLECTED BY JACOB KING Jacob King				DATE 08/11/21		RELINQUISHED BY JACOB KING		DATE 08/12/21						
RECEIVED BY [Signature]				TIME 09:30		LABORATORY NOTES acceptable		TIME 10:30						
FIELD NOTES				METHOD OF SHIPMENT HAND DELIVERED				PAGE NUMBER 1		OF 7				



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CHAIN OF CUSTODY

PROJECT INFORMATION				CONTACT INFORMATION				FUNGI			ASBESTOS		OTHER		
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY				TOTAL AIRBORNE FUNGI (ENUMERATION & GENUS ID)	CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	TOTAL SURFACE FUNGI (SEM-QUANTITATIVE ENUMERATION & GENUS ID)	AIRBORNE FIBER COUNT (NIOSH 7400)	BULK MATERIAL (EPA METHOD 600/R-93-116)			
PROJECT NAME				ATTENTION											
ADDRESS				ADDRESS											
CITY STATE ZIP				CITY STATE ZIP											
CONTACT				PHONE NUMBER											
PHONE NUMBER				ALTERNATE NO.											
EMAIL ADDRESS				EMAIL ADDRESS											
SAMPLE TURN-AROUND-TIME				SAMPLE MATRIX / MEDIA											
☒ STANDARD 15-7 business				☐ NEXT DAY				☐ SAME DAY							
☐ MP MOLD PLATE				☐ ST SPORE TRAP				☐ TL TAPE LIFT				☒ B BULK			
☐ O OTHER															
SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION				TIME / UNITS / CONDITION							
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.												
0237	08/11/21	PLM	11	BAT INSULATION RM 1				GOOD							
			12	" " "				↓							
			13	" " "				↓							
			14	TSI PIPE INSULATION UNDER SINK RM 2				GOOD							
			15	VIBRATION DAMPER ABOVE CEILING RM 5				GOOD							
			16	DUCT MASTIC ABOVE CEILING RM 5				GOOD							
			17	WALL SYSTEM RM 17 NW CORNER				GOOD							
			18	" " " NE CORNER				↓							
			19	" " " SE CORNER				↓							
			20	2x2 CEILING TILE RM 17				GOOD							
COLLECTED BY JACOB KING Jacob PKing				DATE 08/11/21				RELINQUISHED BY JACOB KING Jacob PKing				DATE 08/12/21			
RECEIVED BY IN LABORATORY [Signature]				TIME 09:30				LABORATORY NOTES acceptable				TIME 10:30			
FIELD NOTES				METHOD OF SHIPMENT HAND DELIVERED				PAGE NUMBER 2				OF 7			



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CHAIN OF CUSTODY

PROJECT INFORMATION				CONTACT INFORMATION				FUNGI			ASBESTOS		OTHER		
PROJECT ID. NO.	0180-AB-081021-J0			COMPANY				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-93-115)			
PROJECT NAME				ATTENTION											
ADDRESS				ADDRESS											
CITY STATE ZIP				CITY STATE ZIP											
CONTACT				PHONE NUMBER											
PHONE NUMBER				ALTERNATE NO.											
EMAIL ADDRESS				EMAIL ADDRESS											
SAMPLE TURN-AROUND-TIME				SAMPLE MATRIX / MEDIA											
☒ STANDARD (5-7 business days)				☐ NEXT DAY				☐ SAME DAY				☐ MP MOLD PLATE			
☐ ST SPORE TRAP				☐ TL TAPE LIFT				☒ B BULK				☐ O OTHER			
SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION				TIME / UNITS / CONDITION							
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.												
0237	08/11/21	PLM	21	2x2 CEILING TILE RM 17				GOOD							
			22	11 11 11				↓							
			23	BAT INSULATION RM 17				GOOD							
			24	11 11 11				↓							
			25	11 11 11				↓							
			26	WALL SYSTEM RM 16 NW CORNER				GOOD							
			27	11 11 11 SW CORNER				↓							
			28	11 11 11 N WALL				↓							
			29	2x2 CEILING TILE RM 16				DAMAGED							
			30	11 11 11				↓							
COLLECTED BY JACOB KING Jacob King				DATE 08/11/21		RELINQUISHED BY JACOB KING Jacob King		DATE 08/12/21							
RECEIVED BY [Signature]				TIME 09:30		LABORATORY		TIME 10:30							
				DATE 08/12/21		NOTES acceptable									
				TIME 1200											
FIELD NOTES				METHOD OF SHIPMENT HAND DELIVERED				PAGE NUMBER 3		OF 7					



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CHAIN OF CUSTODY

PROJECT INFORMATION				CONTACT INFORMATION				FUNGI		ASBESTOS	OTHER				
PROJECT ID. NO.	0180-AB-081021-J0			COMPANY				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)			
PROJECT NAME				ATTENTION											
ADDRESS				ADDRESS											
CITY STATE ZIP				CITY STATE ZIP											
CONTACT				PHONE NUMBER											
PHONE NUMBER				ALTERNATE NO.											
EMAIL ADDRESS				EMAIL ADDRESS											
SAMPLE TURN-AROUND-TIME				SAMPLE MATRIX / MEDIA											
☒ STANDARD (5-7 business)				☐ NEXT DAY ☐ SAME DAY				☐ MP ☐ MOLD PLATE ☐ ST ☐ SPORE TRAP ☐ TL ☐ TAPE LIFT ☒ B BULK ☐ O OTHER							
SAMPLE IDENTIFICATION NUMBER		FIELD ID.		SAMPLE LOCATION / DESCRIPTION				TIME / UNITS / CONDITION							
LAB ID.	DATE COLLECTED	MATRIX/MEDIA													
0237	08/11/21	PLM	31	2X2 CEILING TILE RM 16				DAMAGED							
			32	BAT INSULATION RM 16				DAMAGED							
			33												
			34												
			35	12X12 FLTILE+MASTIC UNDER CARPET RM 6				GOOD							
			36												
			37	12X12 FLTILE+MASTIC UNDER CARPET RM 7				GOOD							
			38	CEILING TILE RM 6				GOOD							
			39	BAT INSULATION RM 6				GOOD							
			40	BAT INSULATION ON DECKING RM 6				GOOD							
COLLECTED BY		JACOB KING Jacob King		DATE		08/11/21		RELINQUISHED BY		JACOB KING Jacob King		DATE		08/11/21	
RECEIVED BY		[Signature]		TIME		09:30		LABORATORY		[Signature]		TIME		10:30	
IN LABORATORY				DATE		08/12/21		LABORATORY		NOTES		acceptor			
TIME		1200		TIME				NOTES							
FIELD NOTES				METHOD OF SHIPMENT				HAND DELIVERED				PAGE NUMBER 4 OF 7			



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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION		FUNGI		ASBESTOS	OTHER	
PROJECT ID. NO.	0180-AB-081021-J0	COMPANY		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)
PROJECT NAME		ATTENTION						
ADDRESS		ADDRESS						
CITY STATE ZIP		CITY STATE ZIP						
CONTACT		PHONE NUMBER						
PHONE NUMBER		ALTERNATE NO.						
EMAIL ADDRESS		EMAIL ADDRESS						

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	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)
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.								
0237	081121	PLM	41	BAT INSULATION ON DECKING RM 6		GOOD					
			42	" " " RM 7		↓					
			43	TS1 PIPE INSULATION UNDER SINK RM 6		GOOD					
			44	9x9 FLOOR TILE + MASTIC UNDER CARPET RM 8		GOOD					
			45	VIBRATION DAMPER ABOVE CEILING RM 8		GOOD					
			46	DUCT MASTIC ABOVE CEILING RM 8		GOOD					
			47	SINK UNDER COATING RM 8		GOOD					
			48	" " "		↓					
			49	" " "		↓					
			50	9x9 FLOOR TILE + MASTIC UNDER CARPET RM 8B		GOOD					

COLLECTED BY	JACOB KING Jacob King	DATE	08/11/21	RELINQUISHED BY	JACOB KING Jacob King	DATE	08/12/21
RECEIVED BY		TIME	09:30	LABORATORY		TIME	10:30
IN LABORATORY		DATE	08/12/21	NOTES			
		TIME	1206				

FIELD NOTES		METHOD OF SHIPMENT	HAND DELIVERED	PAGE NUMBER	5	OF	7
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CHAIN OF CUSTODY

PROJECT INFORMATION				CONTACT INFORMATION				FUNGI			ASBESTOS		OTHER		
PROJECT ID. NO.	0180-AB-081021-J0			COMPANY	<i>Same as Page 1</i>			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)			
PROJECT NAME				ATTENTION											
ADDRESS				ADDRESS											
CITY STATE ZIP				CITY STATE ZIP											
CONTACT				PHONE NUMBER											
PHONE NUMBER				ALTERNATE NO.											
EMAIL ADDRESS				EMAIL ADDRESS											
SAMPLE TURN-AROUND-TIME				SAMPLE MATRIX / MEDIA											
☒ STANDARD (5-7 business)				☐ NEXT DAY				☐ SAME DAY				MP MOLD PLATE ST SPORE TRAP TL TAPE LIFT ☒ BULK ☐ OTHER			
SAMPLE IDENTIFICATION NUMBER				SAMPLE LOCATION / DESCRIPTION						TIME / UNITS / CONDITION					
LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.												
0237	08/11/21	PLM	51	WALL SYSTEM RM 9C SECORNER						DAMAGED					
			52	WALL SYSTEM RM 10A NW CORNER						GOOD					
			53	WALL SYSTEM RM 10B SW CORNER						GOOD					
			54	TSI PIPE INSULATION CUSTODIAL RM						GOOD					
			55	VIBRATION DAMPER RM 13 ABOVE CEILING						GOOD					
			56	DUCT MASTIC RM 13 ABOVE CEILING						GOOD					
			57	WINDOW GLAZE BLDG 3. SOUTH						GOOD					
			58	WINDOW GLAZE BLDG 2. SOUTH						GOOD					
			59	WINDOW GLAZE BLDG 1. SOUTH						GOOD					
			60	12x12 FLOOR TILE + MASTIC STORM SHELTER						GOOD					
COLLECTED BY JACOB KING Jacob King				DATE 08/11/21 TIME 09:30		RELINQUISHED BY JACOB KING Jacob King				DATE 08/12/21 TIME 10:30					
RECEIVED BY [Signature]				DATE 08/12/21 TIME 1:00		LABORATORY NOTES [Signature]									
FIELD NOTES				METHOD OF SHIPMENT HAND DELIVERED				PAGE NUMBER 6		OF 7					

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CHAIN OF CUSTODY

[illegible]



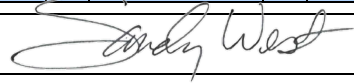
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0180-AB-081021-JO	COMPANY	ODEQ
PROJECT NAME	Huston Early Childhood Center	ATTENTION	Samuel Hooker
ADDRESS	304 Vinnedge Avenue	ADDRESS	PO Box 1677
CITY STATE ZIP	Blackwell, OK 74631	CITY STATE ZIP	Oklahoma City, OK 73101
SITE CONTACT	Samuel Hooker, ODEQ	PHONE NO.	405.702.5111
PHONE NO.	405.702.5111	ALTERNATE NO.	405.501.7885
EMAIL ADDRESS	sam.hooker@deq.ok.gov	EMAIL ADDRESS	sam.hooker@deq.ok.gov

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-01	Transite	Gray	25%	Chrysotile			65%	Cementous Material		
							10%	Paint		
0237-081121-PLM-02	Transite	Gray	25%	Chrysotile			65%	Cementous Material		
							10%	Paint		
0237-081121-PLM-03	Transite	Gray	25%	Chrysotile			65%	Cementous Material		
							10%	Paint		
0237-081121-PLM-04A	Caulk	White	NO ASBESTOS DETECTED				100%	Silicone		
0237-081121-PLM-04B	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate		
							10%	Paint		
0237-081121-PLM-04C	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-05A	Mastic	Yellow	NO ASBESTOS DETECTED				95%	Adhesive		
							5%	Synthetic Fibers		
0237-081121-PLM-05B	Floor Tile	Dark Brown	10%	Chrysotile			90%	Vinyl Aggregate		
0237-081121-PLM-05C	Mastic	Black	NO ASBESTOS DETECTED				100%	Tar		
0237-081121-PLM-06	Ceiling Tile	White	NO ASBESTOS DETECTED				40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



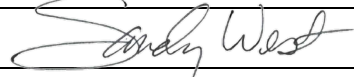
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-07A	Insulation	White	NO ASBESTOS DETECTED				100%	Fibrous Glass		
0237-081121-PLM-07B	Insulation	Yellow	NO ASBESTOS DETECTED				100%	Fibrous Glass		
0237-081121-PLM-08	Ceiling Panel	White	NO ASBESTOS DETECTED				90%	Cellulose		
							10%	Paint		
0237-081121-PLM-09	Ceiling Panel	White	NO ASBESTOS DETECTED				90%	Cellulose		
							10%	Paint		
0237-081121-PLM-10	Ceiling Panel	White	NO ASBESTOS DETECTED				90%	Cellulose		
							10%	Paint		
0237-081121-PLM-11	Insulation	Dark Brown	NO ASBESTOS DETECTED				95%	Cellulose		
							5%	Tar		
0237-081121-PLM-12	Insulation	Dark Brown	NO ASBESTOS DETECTED				95%	Cellulose		
							5%	Tar		
0237-081121-PLM-13	Insulation	Dark Brown	NO ASBESTOS DETECTED				95%	Cellulose		
							5%	Tar		
0237-081121-PLM-14A	Pipe Wrap	Gray	NO ASBESTOS DETECTED				90%	Cellulose		
							10%	Paint		
0237-081121-PLM-14B	Insulation	White	35% Amosite				60%	Aggregate		
			5% Chrysotile							

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
			NO ASBESTOS DETECTED									
0237-081121-PLM-15	Vibration Damper	Black					80%	Rubber				
							20%	Synthetic Fibers				
0237-081121-PLM-16	Duct Mastic	Gray	NO ASBESTOS DETECTED				100%	Aggregate				
0237-081121-PLM-17A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate				
							10%	Paint				
0237-081121-PLM-17B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose				
0237-081121-PLM-17C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate				
0237-081121-PLM-17D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum				
							15%	Cellulose				
0237-081121-PLM-18A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate				
							10%	Paint				
0237-081121-PLM-18B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose				
0237-081121-PLM-18C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate				
0237-081121-PLM-18D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum				
							15%	Cellulose				

ANALYST NAME	Sandy West	ANALYST SIGNATURE				DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



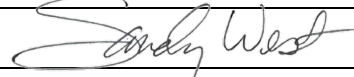
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-19A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate		
							10%	Paint		
0237-081121-PLM-19B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose		
0237-081121-PLM-19C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate		
0237-081121-PLM-19D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-20	Ceiling Tile	White	NO ASBESTOS DETECTED				40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-21	Ceiling Tile	White	NO ASBESTOS DETECTED				40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-22	Ceiling Tile	White	NO ASBESTOS DETECTED				40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-23	Insulation	Pink	NO ASBESTOS DETECTED				80%	Fibrous Glass		
							20%	Cellulose		
0237-081121-PLM-24	Insulation	Pink	NO ASBESTOS DETECTED				80%	Fibrous Glass		
							20%	Cellulose		
0237-081121-PLM25	Insulation	Pink	NO ASBESTOS DETECTED				80%	Fibrous Glass		
							20%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



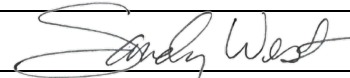
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
			NO ASBESTOS DETECTED				90%	Calcium Carbonate				
0237-081121-PLM-26A	Texture	White					10%	Paint				
0237-081121-PLM-26B	Tape	White	NO ASBESTOS DETECTED				100%	Fibrous Glass				
0237-081121-PLM-26C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate				
0237-081121-PLM-26D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum				
							15%	Cellulose				
0237-081121-PLM-27A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate				
							10%	Paint				
0237-081121-PLM-27B	Tape	White	NO ASBESTOS DETECTED				100%	Fibrous Glass				
0237-081121-PLM-27C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate				
0237-081121-PLM-27D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum				
							15%	Cellulose				
0237-081121-PLM-28A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate				
							10%	Paint				
0237-081121-PLM-28B	Tape	White	NO ASBESTOS DETECTED				100%	Fibrous Glass				

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



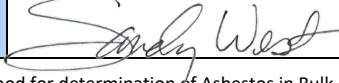
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
			NO ASBESTOS DETECTED							
0237-081121-PLM-28C	Joint Compound	White					100%	Calcium Carbonate		
0237-081121-PLM-28D	Drywall	White					85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-29	Ceiling Tile	White					40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-30	Ceiling Tile	White					40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-31	Ceiling Tile	White					40%	Cellulose	20%	Perlite
							30%	Fibrous Glass	10%	Paint
0237-081121-PLM-32	Insulation	Yellow					85%	Fibrous Glass	5%	Tar
							10%	Cellulose		
0237-081121-PLM-33	Insulation	Yellow					85%	Fibrous Glass	5%	Tar
							10%	Cellulose		
0237-081121-PLM-34	Insulation	Yellow					85%	Fibrous Glass	5%	Tar
							10%	Cellulose		
0237-081121-PLM-35A	Mastic	Yellow					98%	Adhesive		
							2%	Synthetic Fibers		
0237-081121-PLM-35B	Floor Tile	Beige					100%	Vinyl Aggregate		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



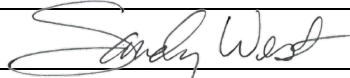
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0180-AB-081021-JO	COMPANY	ODEQ
PROJECT NAME	Huston Early Childhood Center	ATTENTION	Samuel Hooker
ADDRESS	304 Vinnedge Avenue	ADDRESS	PO Box 1677
CITY STATE ZIP	Blackwell, OK 74631	CITY STATE ZIP	Oklahoma City, OK 73101
SITE CONTACT	Samuel Hooker, ODEQ	PHONE NO.	405.702.5111
PHONE NO.	405.702.5111	ALTERNATE NO.	405.501.7885
EMAIL ADDRESS	sam.hooker@deq.ok.gov	EMAIL ADDRESS	sam.hooker@deq.ok.gov

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
			7%	Chrysotile			50%	Tar		
0237-081121-PLM-35C	Mastic	Yellow/Black					43%	Adhesive		
0237-081121-PLM-36A	Mastic	Yellow		NO ASBESTOS DETECTED			98%	Adhesive		
0237-081121-PLM-36B	Floor Tile	Beige		NO ASBESTOS DETECTED			2%	Synthetic Fibers		
0237-081121-PLM-36C	Mastic	Yellow/Black					100%	Vinyl Aggregate		
0237-081121-PLM-37A	Mastic	Yellow								
0237-081121-PLM-37B	Floor Tile	Beige								
0237-081121-PLM-37C	Mastic	Yellow/Black								
0237-081121-PLM-38	Ceiling Tile	White								
0237-081121-PLM-39	Insulation	Yellow								
0237-081121-PLM-40	Insulation	Black								

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



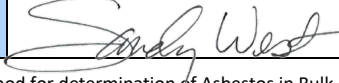
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PROJECT ID. NO.	0180-AB-081021-JO	COMPANY	ODEQ
PROJECT NAME	Huston Early Childhood Center	ATTENTION	Samuel Hooker
ADDRESS	304 Vinnedge Avenue	ADDRESS	PO Box 1677
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SITE CONTACT	Samuel Hooker, ODEQ	PHONE NO.	405.702.5111
PHONE NO.	405.702.5111	ALTERNATE NO.	405.501.7885
EMAIL ADDRESS	sam.hooker@deq.ok.gov	EMAIL ADDRESS	sam.hooker@deq.ok.gov

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-41	Insulation	Black		NO ASBESTOS DETECTED			90%	Cellulose		
							10%	Tar		
0237-081121-PLM-42	Insulation	Black		NO ASBESTOS DETECTED			90%	Cellulose		
							10%	Tar		
0237-081121-PLM-43A	Pipe Coating	Gray		NO ASBESTOS DETECTED			95%	Adhesive		
							5%	Cellulose		
0237-081121-PLM-43B	Insulation	White	35%	Amosite			60%	Aggregate		
			5%	Chrysotile						
0237-081121-PLM-44A	Mastic	Yellow		NO ASBESTOS DETECTED			98%	Adhesive		
							2%	Cellulose		
0237-081121-PLM-44B	Floor Tile	Tan	15%	Chrysotile			85%	Vinyl Aggregate		
0237-081121-PLM-44C	Mastic	Black	8%	Chrysotile			92%	Tar		
0237-081121-PLM-45	Vibration Damper	Black		NO ASBESTOS DETECTED			80%	Rubber		
							20%	Synthetic Fibers		
0237-081121-PLM-46	Duct Mastic	Gray		NO ASBESTOS DETECTED			100%	Aggregate		
0237-081121-PLM-47	Sink Undercoat	Black		NO ASBESTOS DETECTED			90%	Tar		
							10%	Adhesive		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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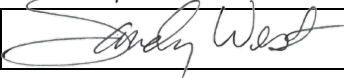
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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0180-AB-081021-JO	COMPANY	ODEQ
PROJECT NAME	Huston Early Childhood Center	ATTENTION	Samuel Hooker
ADDRESS	304 Vinnedge Avenue	ADDRESS	PO Box 1677
CITY STATE ZIP	Blackwell, OK 74631	CITY STATE ZIP	Oklahoma City, OK 73101
SITE CONTACT	Samuel Hooker, ODEQ	PHONE NO.	405.702.5111
PHONE NO.	405.702.5111	ALTERNATE NO.	405.501.7885
EMAIL ADDRESS	sam.hooker@deq.ok.gov	EMAIL ADDRESS	sam.hooker@deq.ok.gov

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-48	Sink Undercoat	Black	NO ASBESTOS DETECTED				90%	Tar		
							10%	Adhesive		
0237-081121-PLM-49	Sink Undercoat	Black	NO ASBESTOS DETECTED				90%	Tar		
							10%	Adhesive		
0237-081121-PLM-50A	Mastic	Yellow	NO ASBESTOS DETECTED				95%	Adhesive		
							5%	Synthetic Fibers		
0237-081121-PLM-50B	Floor Tile	Tan	7% Chrysotile				93%	Vinyl Aggregate		
0237-081121-PLM-50C	Mastic	Black	3% Chrysotile				97%	Tar		
0237-081121-PLM-51A	Wallpaper	White	NO ASBESTOS DETECTED				100%	Vinyl		
0237-081121-PLM-51B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose		
0237-081121-PLM-51C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate		
0237-081121-PLM-51D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-52A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate		
							10%	Paint		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



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BULK ASBESTOS ANALYSIS

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ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
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EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-52B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose		
0237-081121-PLM-52C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate		
0237-081121-PLM-52D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-53A	Texture	White	NO ASBESTOS DETECTED				90%	Calcium Carbonate		
							10%	Paint		
0237-081121-PLM-53B	Tape	White	NO ASBESTOS DETECTED				100%	Cellulose		
0237-081121-PLM-53C	Joint Compound	White	NO ASBESTOS DETECTED				100%	Calcium Carbonate		
0237-081121-PLM-53D	Drywall	White	NO ASBESTOS DETECTED				85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-54A	Pipe Wrap	White	NO ASBESTOS DETECTED				100%	Cellulose		
0237-081121-PLM-54B	Insulation	White	30% Chrysotile				60%	Cellulose		
							10%	Adhesive		
0237-081121-PLM-54C	Insulation	Brown	NO ASBESTOS DETECTED				100%	Cellulose		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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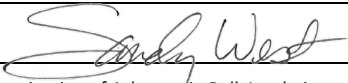
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BULK ASBESTOS ANALYSIS

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PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
0237-081121-PLM-55	Vibration Damper	Black	NO ASBESTOS DETECTED				80%	Rubber		
							20%	Synthetic Fibers		
0237-081121-PLM-56	Duct Mastic	Gray	NO ASBESTOS DETECTED				100%	Aggregate		
0237-081121-PLM-57	Window Glaze	White	NO ASBESTOS DETECTED				90%	Aggregate		
							10%	Paint		
0237-081121-PLM-58	Window Glaze	White	NO ASBESTOS DETECTED				90%	Aggregate		
							10%	Paint		
0237-081121-PLM-59	Window Glaze	White	NO ASBESTOS DETECTED				90%	Aggregate		
							10%	Paint		
0237-081121-PLM-60A	Floor Tile	Brown/Gray	NO ASBESTOS DETECTED				100%	Vinyl Aggregate		
0237-081121-PLM-60B	Mastic	Yellow	NO ASBESTOS DETECTED				100%	Adhesive		
0237-081121-PLM-61A	Floor Tile	Brown/Gray	NO ASBESTOS DETECTED				100%	Vinyl Aggregate		
0237-081121-PLM-61B	Mastic	Yellow	NO ASBESTOS DETECTED				100%	Adhesive		
0237-081121-PLM-62A	Floor Tile	Brown/Gray	NO ASBESTOS DETECTED				100%	Vinyl Aggregate		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



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PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX			
				NO ASBESTOS DETECTED						
0237-081121-PLM-62B	Mastic	Yellow					100%	Adhesive		
0237-081121-PLM-63A	Mastic	Yellow					95%	Adhesive		
							5%	Synthetic Fibers		
0237-081121-PLM-63B	Floor Tile	Tan	10%	Chrysotile			90%	Vinyl Aggregate		
0237-081121-PLM-63C	Mastic	Black	7%	Chrysotile			93%	Tar		
0237-081121-PLM-64A	Texture	White					90%	Calcium Carbonate		
							10%	Paint		
0237-081121-PLM-64B	Tape	White					100%	Cellulose		
0237-081121-PLM-64C	Joint Compound	White					100%	Calcium Carbonate		
0237-081121-PLM-64D	Drywall	White					85%	Gypsum		
							15%	Cellulose		
0237-081121-PLM-65A	Texture	White					90%	Calcium Carbonate		
							10%	Paint		
0237-081121-PLM-65B	Tape	White					100%	Fibrous Glass		

ANALYST NAME	Sandy West	ANALYST SIGNATURE		DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334



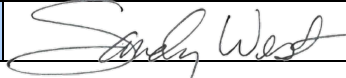
MARSHALL ENVIRONMENTAL MANAGEMENT, INC.

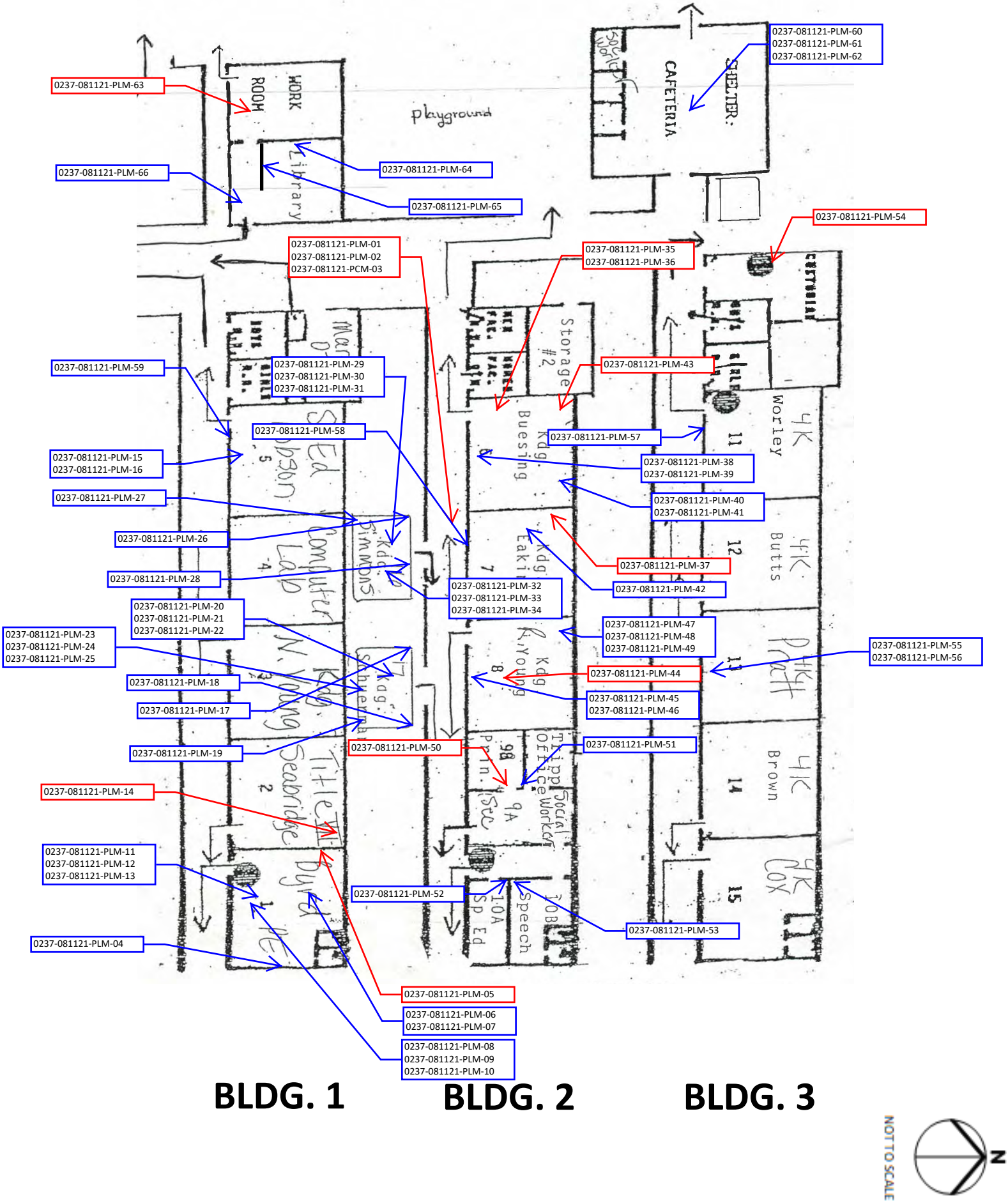
1301 N MARTIN LUTHER KING AVENUE
OKLAHOMA CITY, OK 73117
405.616.0401 | FAX: 405.681.6753 | MEM@marshallenvironmental.com
www.marshallenvironmental.com

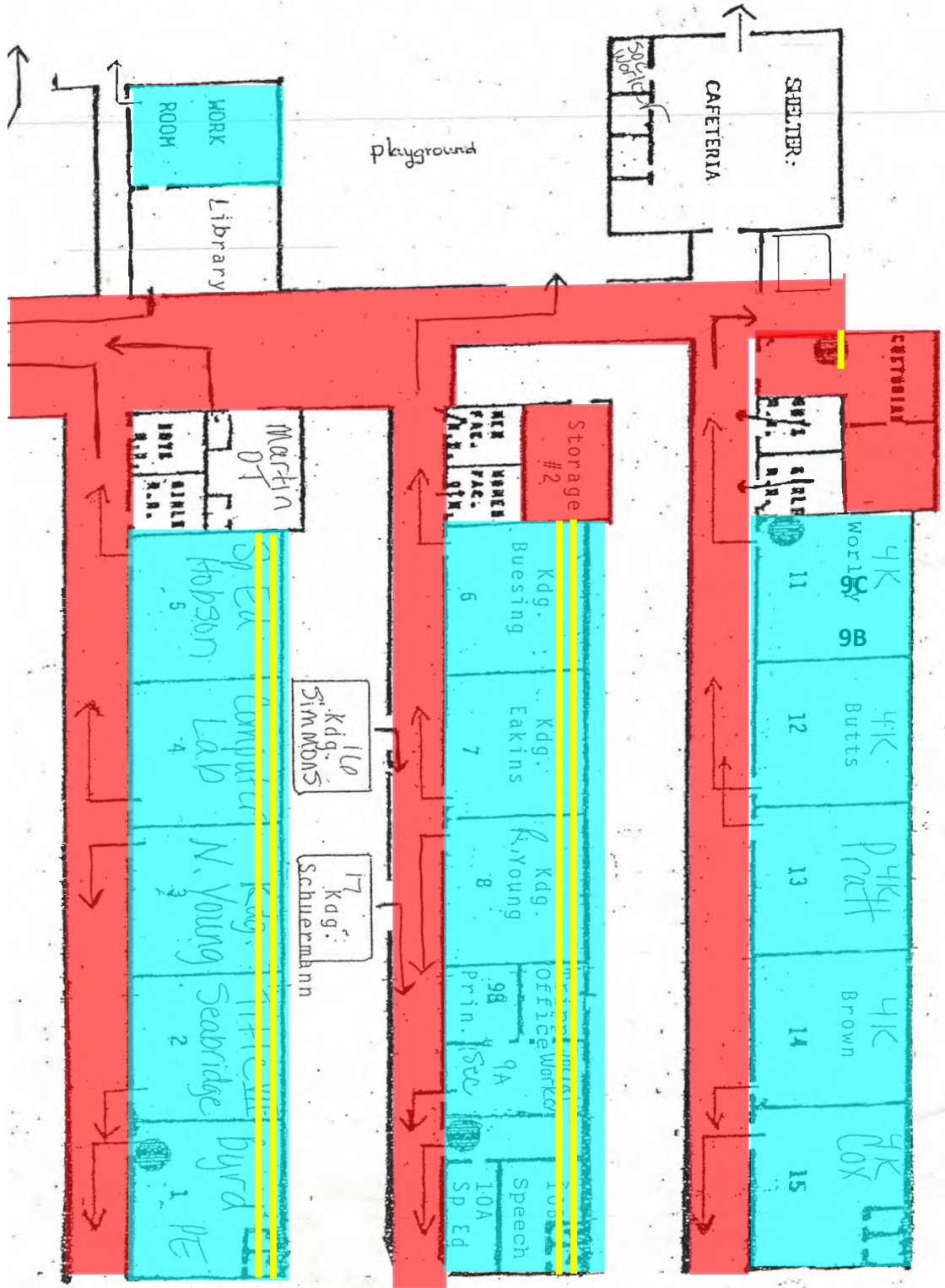
BULK ASBESTOS ANALYSIS

PROJECT INFORMATION				CONTACT INFORMATION			
PROJECT ID. NO.	0180-AB-081021-JO			COMPANY	ODEQ		
PROJECT NAME	Huston Early Childhood Center			ATTENTION	Samuel Hooker		
ADDRESS	304 Vinnedge Avenue			ADDRESS	PO Box 1677		
CITY STATE ZIP	Blackwell, OK 74631			CITY STATE ZIP	Oklahoma City, OK 73101		
SITE CONTACT	Samuel Hooker, ODEQ			PHONE NO.	405.702.5111		
PHONE NO.	405.702.5111			ALTERNATE NO.	405.501.7885		
EMAIL ADDRESS	sam.hooker@deq.ok.gov			EMAIL ADDRESS	sam.hooker@deq.ok.gov		

SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS				% MATRIX					
			NO ASBESTOS DETECTED									
0237-081121-PLM-65C	Joint Compound	White					100%	Calcium Carbonate				
0237-081121-PLM-65D	Drywall	White					85%	Gypsum				
							15%	Cellulose				
0237-081121-PLM-66A	Texture	White					90%	Calcium Carbonate				
							10%	Paint				
0237-081121-PLM-66B	Tape	White					100%	Fibrous Glass				
0237-081121-PLM-66C	Joint Compound	White					100%	Calcium Carbonate				
0237-081121-PLM-66D	Drywall	White					85%	Gypsum				
							15%	Cellulose				

ANALYST NAME	Sandy West	ANALYST SIGNATURE				DATE ANALYZED	8/16/2021
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 (BAPAT) Programs: Participant # 102334





ASBESTOS CONTAINING
TRANSITE PANELS

ASBESTOS CONTAINING FLOOR
TILE & FLOOR TILE MASTIC

ASBESTOS CONTAINING PIPE
INSULATION

BLDG. 1

BLDG. 2

BLDG. 3

NOT TO SCALE





Photo 1: Asbestos Containing Transite Panels Middle Breeze Way



Photo 2: Asbestos Containing Floor Tile Under Carpet Building 1 Room 1



Photo 3: Asbestos Containing Pipe Insulation Under Sink Building 1 Room2



Photo 4: Asbestos Containing Floor Tile Mastic Under Carpet & 12x12 Floor Tile Building 2 Room 6



Photo 5: Asbestos Containing Floor Tile Mastic Under Carpet & 12x12 Floor Tile Building 2 Room 7



Photo 6: Asbestos Containing Pipe Insulation Under Sink Building 2 Room6



1301 N Martin Luther King Ave
Oklahoma City, OK 73117
405.616.0401
mem@marshallenvironmental.com

Photo Album

HUSTON EARLY CHILDHOOD CENTER
304 VINNEDGE AVENUE
BLACKWELL, OK 74631

PREPARED BY: Jacob King

DATE: 09/07/2021

JOB NO: 0180-AB-081021-JO

PAGE

1



Photo 7: Asbestos Containing Floor Tile & Mastic Under Carpet
Building 2 Room 8



Photo 8: Asbestos Containing Floor Tile Under Carpet Building 2
Room 9B



Photo 9: Asbestos Containing Pipe Insulation Ceiling Building 3
Custodial Room



Photo 10: Asbestos Containing Floor Tile & Floor Tile Mastic Under
Carpet Library Work Room

Photo 11:

Photo 12:



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Oklahoma City, OK 73117
405.616.0401
mem@marshallenvironmental.com

Photo Album

HUSTON EARLY CHILDHOOD CENTER
304 VINNEDGE AVENUE
BLACKWELL, OK 74631

PREPARED BY: Jacob King

DATE: 09/07/2021

JOB NO: 0180-AB-081021-JO

PAGE

2

Oklahoma Department of Labor

Asbestos License

This certifies that **Jacob King**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380:50 in the following:

Inspector



License # : 401815

Expires : 03/10/2022

Issued : 03/18/2021

Not intended for identification purposes

Leslie Osborn
Labor Commissioner

Oklahoma Department of Labor

Asbestos License

This certifies that **Jamie Marshall**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380:50 in the following:

Management Planner



Leslie Osborn
Labor Commissioner

License # : 400477

Expires : 03/10/2022

Issued : 03/18/2021

Not intended for identification purposes

HUSTON EARLY CHILDHOOD CENTER
304 VINNEDGE AVENUE
BLACKWELL, OK 73631

SEPTEMBER 10, 2021

ASBESTOS-ABATEMENT PROJECT DESIGN

SERVICES PROVIDED FOR:

Oklahoma Department of Environmental Quality Land Protection Division
Attention: Samuel Hooker, Environmental Programs Specialist
PO Box 1677
Oklahoma City, OK 73101
405.702.5117 | Sam.Hooker@deq.ok.gov

SERVICES PROVIDED BY:

Marshall Environmental Management, Incorporated
Attention: Jamie Marshall, Asbestos Abatement Project Designer
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
(405) 616-0401 | mem@marshallenvironmental.com

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HUSTON EARLY CHILDHOOD CENTER

ASBESTOS-ABATEMENT PROJECT DESIGN

SCOPE-OF-WORK

This Asbestos-Abatement Project Design has been prepared to allow for the safe and economical removal of approximately 920 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, within Buildings 1, 2, and Building 3 Custodial Room of the Huston Early Childhood Center located at 304 Vinnedge Avenue in Blackwell, Oklahoma. Asbestos-abatement activities will be conducted in accordance with Oklahoma Asbestos Control (OAC) Act 380:50-13-1 Glove-Bag Procedures in conjunction with cut and wrap procedures.

RESPONSIBLE PARTIES & CONSULTANTS

LICENSED ASBESTOS-ABATEMENT CONTRACTOR:

TBD

LICENSED ASBESTOS-ABATEMENT PROJECT DESIGNER:



Jamie Marshall, MS, CIH / Asbestos-Abatement Project Designer
ODOL AHERA Project Designer Certification: OK-PD400478
1301 North Martin Luther King Avenue
Oklahoma City, Oklahoma 73117
405.616.0401 | mem@marshallenvironmental.com

September 10, 2021

Report Date

OWNER INFORMATION:

State of Oklahoma
PO Box 53448
Oklahoma City, OK 73152
405.522.6762

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 ASBESTOS)

The abatement project will consist of three (3) work areas. 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 two (2) weeks to complete. Listed below is the location of the Regulated Asbestos-Containing Materials (RACM) to be abated; including total quantity and type of material assumed to be asbestos containing. 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 380:50-13-1, GLOVE-BAG PROCEDURES IN CONJUNCTION WITH CUT AND WRAP PROCEDURES
 - Approximately 450 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, located under the North cabinet portion of building 1.
 - Approximately 450 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, located under the North cabinet portion of building 2.
 - Approximately 20 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, located in Building 3 custodial room.

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-ft² 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 ASBESTOS-ABATEMENT PROJECT

Asbestos removal will be conducted in accordance with OAC Act 380:50-13-1, Glove-Bag Procedures in conjunction with Cut and Wrap Procedures. Department of Labor (ODOL) notices and State of 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 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.

TSI ON DOMESTIC-WATER PLUMBING: OAC 380:50-13-1, GLOVE-BAG PROCEDURES IN CONJUNCTION WITH CUT AND WRAP PROCEDURES

- 1) The centralized decontamination unit and the decontamination unit negative pressure machines shall be set up as soon as possible for use during all prep work.
- 2) Once the asbestos containing debris can be cleaned up, prepping of the glove-bags may commence.
- 3) Glove-bags shall be maintained under negative air pressure, when feasible, but the use of a negative pressure measuring system shall not be required. The inward bulging of the glove bag due to negative pressure inside the glove bag shall be sufficient indication of adequate pressure drop.
- 4) Sections of pipe will be wrapped with two layers of six-millimeter poly in between each glove bag.
- 5) The boundary of the regulated work area is to be surrounded by asbestos hazard communication warning tape.
- 6) When prep is completed and visible negative pressure has been established, scheduling of an ODOL Prep Inspection will occur.
- 7) Once the Prep Inspection is approved, the contractor may begin the abatement. Only asbestos workers wearing the appropriate PPE will be allowed within the asbestos barrier tape.
- 8) The contractor will apply lockdown sealant. Once lockdown is dry, 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.
- 10) Lastly, schedule an ODOL Final Inspection.
- 11) 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 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 currently proficient with the American Industrial Hygiene Association's (AIHA's) Proficiency in Analytical Testing (PAT) Program.

PREPARATION AIR MONITORING

Pre-abatement air monitoring will be required on this project should RACM becomes damaged during prep activities. Should prep monitoring be needed, a minimum of 25% of the workers will be monitored during preparation cleanup.

ASBESTOS-ABATEMENT AIR 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.
- 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 AIR MONITORING

Five (5) air samples will be collected 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

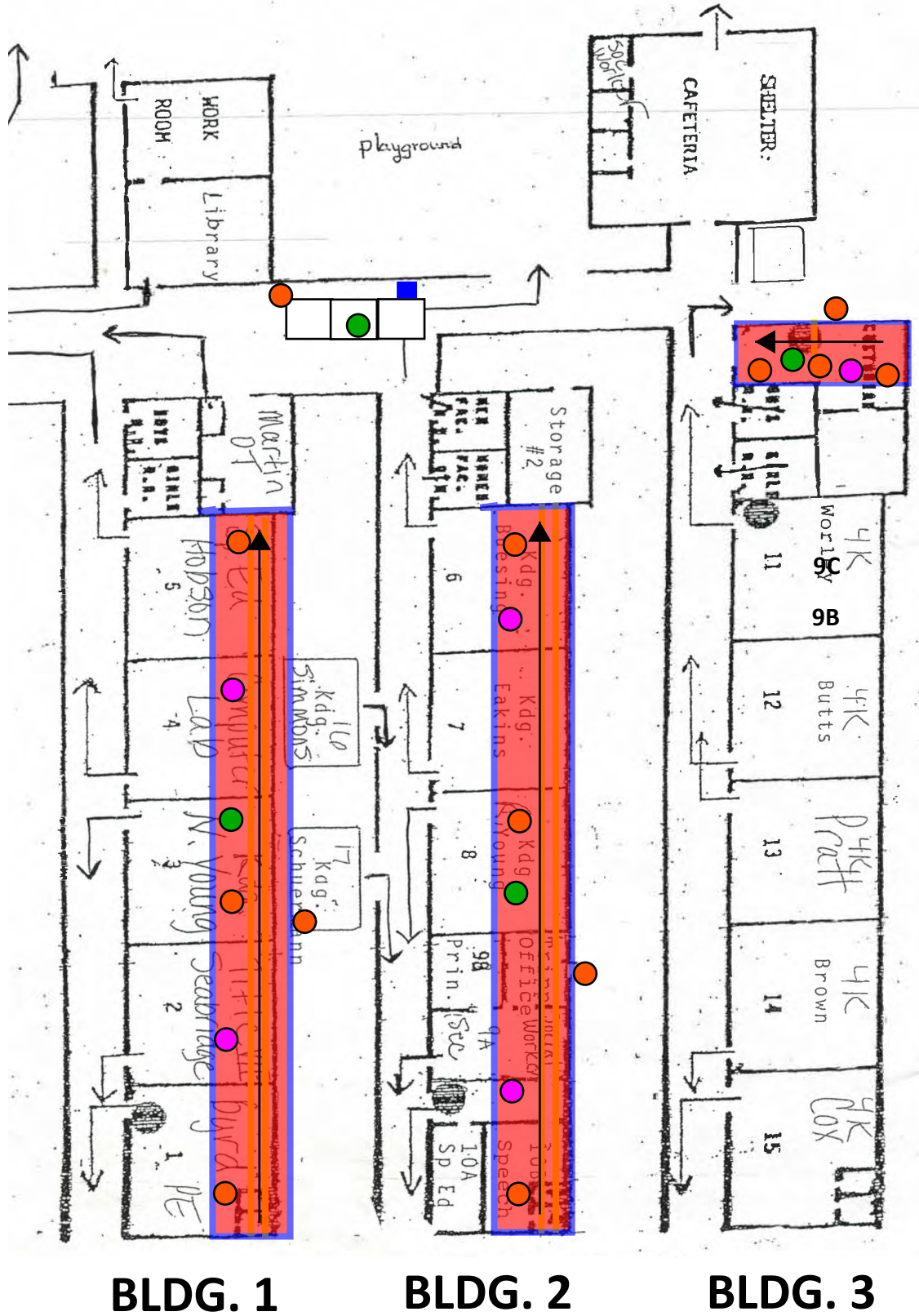
This project does not require the removal of any soils contaminated with RACM.

REQUEST FOR VARIANCES

None

APPENDIX

CONTAINMENT DIAGRAM CERTIFICATION / LICENSURE



- █ Area to be abated
- █ Work Area Boundary
- ← Escape Route
- Negative Pressure Machines
- Fire Extinguishers
- Area Samples
- Clearance Samples
- Pop-Ups

Loadout Truck ●

NOT TO SCALE



EXAMPLE CONTAINMENT
 HUSTON EARLY CHILDHOOD CENTER
 304 VINNEDGE AVENUE
 BLACKWELL, OK 74631

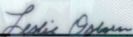
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 FIGURE

Oklahoma Department of Labor

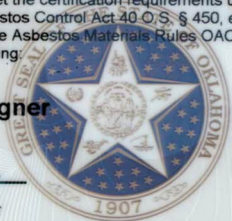
Asbestos License

This certifies that **Jamie Marshall**
has successfully met the certification requirements under
the Oklahoma Asbestos Control Act 40 O.S. § 450, et seq.
Abatement of Friable Asbestos Materials Rules OAC
380:50 in the following:

Project Designer



Leslie Osborn
Labor Commissioner



License # : 400478

Expires : 03/12/2022

Issued : 03/18/2021

Not intended for identification purposes

Scope of Work

STATEMENT OF WORK

For

Asbestos Abatement at the Blackwell Houston Center

The Oklahoma Department of Environmental Quality (DEQ) is requesting a work plan and cost estimate for remediation services at the former Houston Early Childhood Center located in Blackwell, Oklahoma. This statement of work (SOW) describes the removal and proper disposal of asbestos-containing material (ACM). A mandatory pre-bid site visit and walk through will be held at the site.

The building is located at 304 Vinnedge Avenue, Blackwell, OK, 74631. The building will *not* have available water and electricity to use during remediation. For more details see the attached Asbestos Inspection Report with floor plan map showing locations of ACM (**Attachment 1**).

SPECIAL PROVISIONS:

- Work Schedule: The contractor shall schedule all work to be completed within 45 calendar days after date of the written “Notice to Proceed.” Coordination of work shall be scheduled with DEQ.
 - A pre-construction meeting shall be held at the site if deemed necessary after the Notice to Proceed date to review Statement of Work and answer any questions the contractor may have.
 - 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.
- Conditions of Work: The following conditions of work will apply in accomplishment of this contract:
 - All work shall be performed in accordance with all applicable State and Federal regulations.
 - All work shall be performed in such a manner that it does not put workers’ health and safety at risk.
 - Disposal of Removed Materials: All materials removed by the Contractor under this contract shall be disposed of in accordance with State and Federal regulations.

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;
- Three references with name, type of project, phone number, and location of similar work in the last three years;

Submit after Notice to Proceed:

- A Work Plan with planned activities and schedule to DEQ for approval;

ASBESTOS ABATEMENT INSTRUCTIONS:

- Friable asbestos shall be removed as described in the attached approved asbestos Project Design (**Attachment 2**).
 - Remove and properly dispose of asbestos-containing pipe insulation located throughout the building. See the Project Design provided.
 - A total of 920 linear feet shall be removed.
- Non-friable asbestos shall be removed as described in the Asbestos Inspection Report.
 - Remove and properly dispose of asbestos-containing transite panels located throughout the building.
 - A total of 14,250 ft² shall be removed.
- 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.

DEQ CONTACT:

Trenton Wilhelm
Oklahoma Dept of Environmental Quality
Land Protection Division
707 N. Robinson
P.O. Box 1677

Oklahoma City, OK 73101-1677
405-702-5108 (Office)
405-702-5101 (Fax)
Trenton.Wilhelm@deq.ok.gov

ATTACHMENT 1

Asbestos Inspection Report

Remediation Reports

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.

ESTABLISHED IN 1987

*Certified Industrial Hygiene
Asbestos & Lead-Based Paint
Environmental Science
Indoor Air Quality
Occupational Health & Safety
Research & Consultation
Training & Education*

January 2nd, 2023

Oklahoma Department of Environmental Quality
Land Protection Division
Attention: Trenton Wilhelm, Environmental Programs Specialist
707 N Robinson Avenue
Oklahoma City, OK 73102

RE: HOUSTON EARLY CHILDHOOD CENTER – ASBESTOS ABATEMENT VERIFICATION

Mr. Wilhelm:

Marshall Environmental Management, Incorporated (MEM) has completed the verification and air monitoring of the asbestos abatement within the Houston Early Childhood Center located at 304 Vinnedge Avenue in Blackwell, Oklahoma. Asbestos abatement of the 14,300 ft² of transite panels from Buildings 1, 2, and 3, began on October 25th, 2022, and was completed on November 2nd, 2022. Furthermore, the asbestos abatement of the 900 ft² of regulated Thermal System Insulation (TSI) within Buildings 1, 2, and the custodial room in Building 3 started on November 3rd, 2022, and was completed on November 8th, 2022, under the direction of the MEM provided, Oklahoma Department of Labor (ODOL) approved Project Design. Asbestos abatement activities were conducted by the abatement contractor, Environmental Action, Inc.

During the friable asbestos abatement activities, air monitoring took place as required by the Oklahoma Department of Labor (ODOL) and outlined in the ODOL approved Project Design. Types of samples collected were personal monitoring (at least two workers each shift) and area monitoring (inside the work area, outside the work area, outside the clean room, and at the exit during loadout procedures). During the non-friable asbestos abatement activities, personal monitoring (at least two workers each shift) and area monitoring (inside the work area, outside the work area) took place. Furthermore, a total of **five air samples** were collected for clearance purposes with a minimum volume of 1,200 liters. As such, all samples were collected and analyzed by a NIOSH 582e-trained technician, by Phase Contract Microscopy (PCM) in an American Industrial Hygiene Association (AIHA) proficient laboratory. All airborne fiber concentrations were reported below the detection limit. As a result, all airborne fiber concentrations were below the applicable occupational exposure limits OEL's (Occupational Exposure Levels), and the area is safe for build back and re-occupancy.

MEM conducted a final walkthrough November 8th, 2022, of the buildings following the asbestos abatement activities. Based on the visual inspection, the friable TSI and the non-friable transite abatement activities were completed and were considered satisfactory. In conclusion, the determination of compliance was carried out in accordance with Good Industrial Hygiene Practices by Jamie Marshall, Certified Industrial Hygienist (CIH) and President of MEM. Once you have had a chance to review, feel free to call or email with any questions. Thank you for allowing MEM the opportunity to be of service.

Sincerely,

Marshall Environmental Management, Incorporated



Jamie Marshall, MS, CIH

President

ABIH Comprehensive Practice Certificate #10595CP



Photo 1: Pre-Abatement



Photo 2: Pre-Abatement



Photo 3: Pre-Abatement



Photo 4: Pre-Abatement



Photo 5: Prep



Photo 6: Prep



Photo 7: Prep



Photo 8: Prep



Photo 9: Prep



Photo 10: Post Abatement



Photo 11: Post Abatement

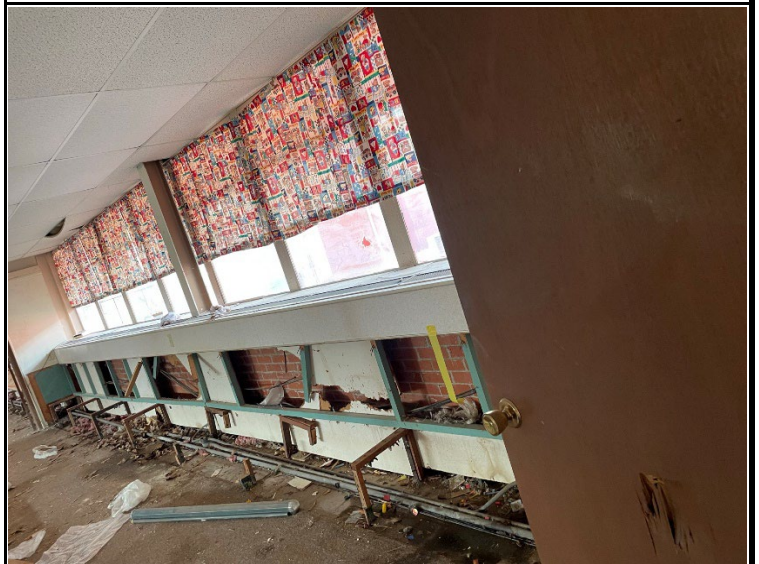


Photo 12: Post Abatement



1301 N Martin Luther King Ave
Oklahoma City, OK 73117
405.616.0401
mem@marshallenvironmental.com

Photo Album

Houston Early Childhood Center
304 Vinnedge Avenue
Blackwell, Oklahoma 74631

PREPARED BY: AML

DATE: 1-5-23

JOB NO: 0197-AB-102422

PAGE

2



Photo 13: Post Abatement



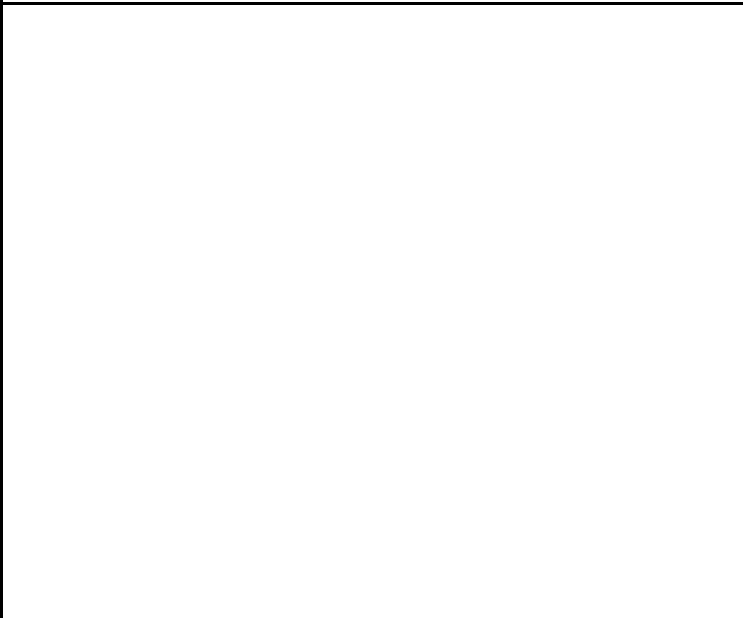
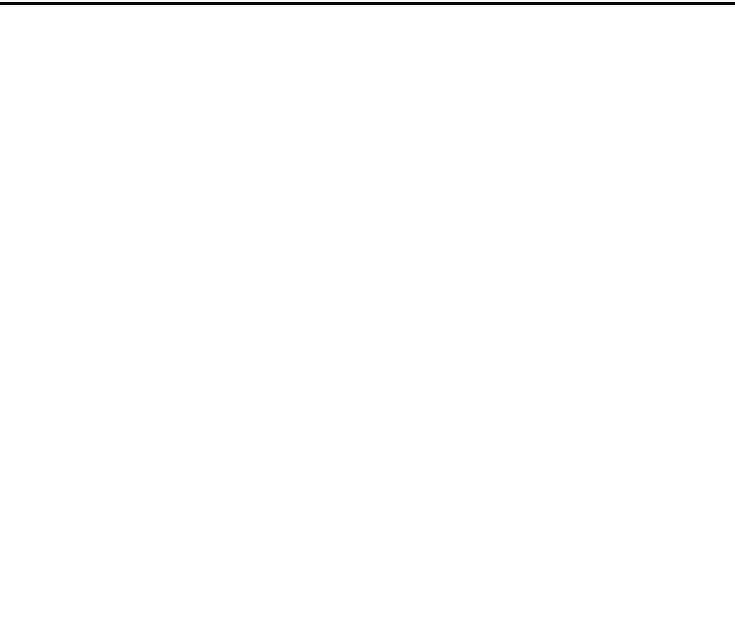
Photo 14: Post Abatement



Photo 15: Post Abatement



Photo 16: Post Abatement



ENVIRONMENTAL ACTION INC.

December 7, 2022

Oklahoma Department of Labor
3017 N. Stiles, Suite 100
Oklahoma City, OK 73105

RE: Huston Childhood Center

The following documents for OKDOL Project # 23-0145 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

CERTIFICATE OF ANALYSIS

CERTIFICATE OF ANALYSIS

[illegible]

CERTIFICATE OF ANALYSIS

1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.688.0401
mem@marshallenvironmental.com

[illegible]

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

mem@marshallengenvironmental.com

PROJECT INFORMATION

Project ID. #

0197-AB-102422-AL

Project Name

Houston Childhood Center

Project Address

304 Vinnedge Avenue

Site Contact

Phone #

Cell #

email

REPORT TO

Client

Attention

Address

Phone #

Fax #

Cell #

email

INVOICE TO

Client

Attention

Address

Phone #

Fax #

Cell #

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
0179	10/27/22	PCM-13	D. Henry - 402213	1	9:20	16:31	431:00	2.0	2.0	2.0	862.0	15	100	19.1083	0.0085	0.0017	0.0154	0.0057
0179	10/27/22	PCM-14	R. Torres - 402215	2	9:20	16:31	431:00	2.0	2.0	2.0	862.0	12	100	15.2866	0.0058	0.0013	0.0123	0.0057
0179	10/27/22	PCM-15	Inside Area	3	9:20	16:31	431:00	2.0	2.0	2.0	862.0	16.5	100	21.0191	0.0094	0.0018	0.0170	0.0057
0179	10/27/22	PCM-16	Outside Area	4	9:20	16:31	431:00	2.0	2.0	2.0	862.0	2	100	2.5478	B.D.L.	0.0002	0.0021	0.0057
0179	10/27/22	PCM-17	Load Out	5	9:20	16:31	431:00	2.0	2.0	2.0	862.0	5	100	6.3694	B.D.L.	0.0006	0.0051	0.0057
0179	10/27/22	PCM-18	Field Blank									0	100					
0179	10/27/22	PCM-19	Laboratory Blank									0	100					

Sandy West

Analyst Name (Print)

October 28, 2022

Date Analyzed

Present Activity:

AB Removal

Personal Protective Equipment

Respirator

Gloves

Boots

Below Detection Limit

Lower Confidence Limit

Upper Confidence Limit

Fibers per Cubic Centimeter

Fibers per Millimeter Squared

B.D.L.

L.C.L.

U.C.L.

F/cc

F/mm²

NIOSH 7400

AIHA PAT ID# 102334

Clymus BH-2

385

0.01

Analytical Method:

Lab Accreditation:

Microscope:

Filter Area:

Field Area:

Sandy West

Analyst Signature

Present Activity:

AB Removal

Personal Protective Equipment

Respirator

Gloves

Boots

Page 1 of 1

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Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.688.0401
mem@marshallenvironmental.com

[illegible]

Sandy West

Analyst Name (Print)

Alex Lane

Samples Collected By (Print)

Analyst Signature _____

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	0.01

B.D.I.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/c	Fibers per Cubic Centimeter
c/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. #	0197-AB-102422-AL		Client	Client		
Project Name	Houston Childhood Center		Attention	Attention		
Project Address	304 Vinnedge Avenue Blackwell, OK		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
0179	10/31/22	PCM-26	Y. Vega - 403104	1	7:16	14:37	441.00	2.0	2.0	2.0	882.0	6	100	7.6433	B.D.L.	0.0006	0.0060	0.0056
0179	10/31/22	PCM-27	D. Henry - 402213	2	7:16	14:36	440.00	2.0	2.0	2.0	880.0	6	100	7.6433	B.D.L.	0.0006	0.0060	0.0056
0179	10/31/22	PCM-28	Inside Area	3	7:15	14:36	441.00	2.0	2.0	2.0	882.0	8	100	10.1911	B.D.L.	0.0009	0.0080	0.0056
0179	10/31/22	PCM-29	Outside Area	4	7:16	14:33	437.00	2.0	2.0	2.0	874.0	5	100	6.3694	B.D.L.	0.0005	0.0051	0.0056
0179	10/31/22	PCM-30	Load Out	5	8:35	14:36	361.00	2.0	2.0	2.0	722.0	4	100	5.0955	B.D.L.	0.0005	0.0049	0.0068
0179	10/31/22	PCM-31	Field Blank									0	100					
0179	10/31/22	PCM-32	Laboratory Blank									0	100					

Sandy West	Sandy West	November 1, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Analytical Method: NIOSH 7400	Below Detection Limit	Personal Protective Equipment
Lab Accreditation: AIHA PAT ID# 102334	Lower Confidence Limit	Respirator
Microscope: Olympus BH-2	Upper Confidence Limit	Gloves
Filter Area: 385	Fibers per Cubic Centimeter	Boots
Field Area: 0.01	Fibers per Millimeter Squared	
Armando Chavez	Present Activity:	
Samples Collected By (Print)	AB Removal	

CERTIFICATE OF ANALYSIS

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CERTIFICATE OF ANALYSIS

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PROJECT INFORMATION

Project ID. #

0197-AB-102422-AL

Project Name

Houston Childhood Center

Project Address

304 Vinnedge Avenue
Blackwell, OK

Site Contact

Phone #

Cell #

email

REPORT TO

Client

Attention

Address

Phone #

Fax #

Cell #

email

INVOICE TO

Client

Attention

Address

Phone #

Fax #

Cell #

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
0179	11/02/22	PCM-40	Y. Vega - 403104	1	7:10	14:32	442.00	2.0	2.0	2.0	884.0	6	100	7.6433	B.D.L.	0.0006	0.0060	0.0055
0179	11/02/22	PCM-41	D. Henry - 402213	2	7:10	14:33	443.00	2.0	2.0	2.0	886.0	4	100	5.0955	B.D.L.	0.0004	0.0040	0.0055
0179	11/02/22	PCM-42	Inside Area	3	7:09	14:32	443.00	2.0	2.0	2.0	886.0	7	100	8.9172	B.D.L.	0.0008	0.0070	0.0055
0179	11/02/22	PCM-43	Outside Area	4	7:10	14:32	442.00	2.0	2.0	2.0	884.0	7.5	100	9.5541	B.D.L.	0.0008	0.0075	0.0055
0179	11/02/22	PCM-44	Load Out	5	7:11	14:31	440.00	2.0	2.0	2.0	880.0	2	100	2.5478	B.D.L.	0.0002	0.0020	0.0056
0179	11/02/22	PCM-45	Field Blank									0	100					
0179	11/02/22	PCM-46	Laboratory Blank									0	100					

Sandy West

Analyst Name (Print)

Analyst Method:

NIOSH 7400

Lab Accreditation:

AIHA PAT ID# 102834

Microscope:

Olympus BH-2

Filter Area:

365

Field Area:

0.01

Below Detection Limit

B.D.L.

Lower Confidence Limit

L.C.L.

Upper Confidence Limit

U.C.L.

Fibers per Cubic Centimeter

F/cc

Fibers per Millimeter Squared

F/mm²

Present Activity:

AB Removal

Personal Protective Equipment

Respirator

Gloves

Boots

November 3, 2022

Date Analyzed

Sandy West

Analyst Signature

Personal Protective Equipment

Respirator

Gloves

Boots

Samples Collected By (Print)

Armando Chavez

Page

1

of

1

CERTIFICATE OF ANALYSIS

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mem@marshallenvironmental.com

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0197-AB-102422-AL	Client		Client	
Project Name	Houston Childhood Center	Attention		Attention	
Project Address	304 Vinnedge Avenue Blackwell, OK	Address		Address	
Site Contact		Phone #		Phone #	
Phone #		Fax #		Fax #	
Cell #		Cell #		Cell #	
email		email		email	

[illegible]

Sandy West		November 7, 2022
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez		Analytical Method: NIOSH 7400 Lab Accreditation: AIHA PAT ID# 102354 Microscope: Olympus BH-2 Filter Area: 385 Field Area: 0.01		B.D.L. L.C.L. U.C.L. F/cc F/mm ³	Below Detection Limit Lower Confidence Limit Upper Confidence Limit Fibers per Cubic Centimeter 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. #	0197-AB-102422-AL			Client				Client			
Project Name	Houston Childhood Center			Attention				Attention			
Project Address	304 Vinnege Avenue Blackwell, OK			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
0179	11/07/22	PCM-53	Y. Vega - 403104	1	11:01	15:02	241:00	2.0	2.0	2.0	482.0	86.5	100	110.1911	0.0880	0.0171	0.1590	0.0102
0179	11/07/22	PCM-54	D. Henry - 402213	2	11:01	15:02	241:00	2.0	2.0	2.0	482.0	77.5	100	98.7261	0.0789	0.0153	0.1424	0.0102
0179	11/07/22	PCM-55	Inside Area	3	11:02	15:02	240:00	2.0	2.0	2.0	480.0	74	100	94.2675	0.0756	0.0147	0.1366	0.0102
0179	11/07/22	PCM-56	Outside Area	4	11:03	15:01	238:00	2.0	2.0	2.0	476.0	11	100	14.0127	0.0113	0.0022	0.0205	0.0103
0179	11/07/22	PCM-57	Outside Clean Room	6	11:03	15:02	239:00	2.0	2.0	2.0	478.0	15.5	100	19.7452	0.0159	0.0031	0.0287	0.0103
0179	11/07/22	PCM-58	Load Out	5	11:03	15:01	238:00	2.0	2.0	2.0	476.0	4	100	5.0955	8.D.L.	0.0008	0.0074	0.0103
0179	11/07/22	PCM-59	Field Blank									0	100					
0179	11/07/22	PCM-59	Laboratory Blank									0	100					

November 8, 2022

Sandy West

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.
L.C.L.
U.C.L.
F/cc
F/mm²

Below Detection Limit
Lower Confidence Limit
Upper Confidence Limit
Fibers per Cubic Centimeter
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. #	0197-AB-102422-AL		Client			Client		
Project Name	Houston Childhood Center		Attention			Attention		
Project Address	304 Vinnedge Avenue Blackwell, OK		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
0179	11/08/22	PCM-61	Y. Vega - 403104	1	7:01	14:36	455.00	2.0	2.0	2.0	910.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0054
0179	11/08/22	PCM-62	D. Henry - 402213	2	7:02	14:36	454.00	2.0	2.0	2.0	908.0	2	100	2.5478	B.D.L.	0.0002	0.0020	0.0054
0179	11/08/22	PCM-63	Inside Area	3	7:02	14:36	454.00	2.0	2.0	2.0	908.0	1	100	1.2739	B.D.L.	0.0001	0.0010	0.0054
0179	11/08/22	PCM-64	Outside Area	4	7:03	14:37	454.00	2.0	2.0	2.0	908.0	2	100	2.5478	B.D.L.	0.0002	0.0020	0.0054
0179	11/08/22	PCM-65	Outside Clean Room	6	7:03	14:38	455.00	2.0	2.0	2.0	910.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0054
0179	11/08/22	PCM-66	Load Out	5	7:02	14:38	456.00	2.0	2.0	2.0	912.0	2	100	2.5478	B.D.L.	0.0002	0.0019	0.0054
0179	11/08/22	PCM-67	Field Blank									0	100					
0179	11/08/22	PCM-68	Laboratory Blank									0	100					

Sandy West	November 9, 2022
Analyst Name (Print)	Date Analyzed

Armando Chavez	Personal Protective Equipment
Samples Collected By (Print)	Respirator
	Gloves
	Boots

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.

CERTIFICATE OF ANALYSIS

1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

[illegible]

Sandy West

Analyst Name (Print)

Armando Chavez

Samples Collected By (Print)

Andy West
Assistant Clerk

Analyst Signature _____

Analytical Method:	NIOSH 7400
Lab Accreditation:	AIHA PAT ID# 102334
Microscope:	Olympus BH-2
Filter Area:	385
Field Area:	10.01

B.O.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	



If waste is asbestos waste, complete Sections I, II, III and IV.

If waste is NOT asbestos waste, complete only Sections I, II and III.

Tare. Wt. 34500 **No.** 6182

GENERATOR (Generator completes all of Section I)

a. Generator Name: Blackwell Public Schools
 201 E. Blackwell
 c. Address Blackwell, OK 74631
 580-363-5513
 e. Phone No.: 580-363-5513
 If owner of the generating facility differs from the generator, provide:
 g. Owner's Name: _____

b. Generating Location: Huston Early
 Childhood Center
 d. Address 304 Vinnedge Ave.
 Blackwell, OK 74631
 f. Phone No.: _____
 h. Purchase Order No.: _____

i. WC WASTE CODE

						O	K		2	2	-	2	8	2
--	--	--	--	--	--	---	---	--	---	---	---	---	---	---

j. Description of Waste:

or waste: _____

k. Quantity

Containers

No.	TYPE
-----	------

			25	y3	1	T
--	--	--	----	----	---	---

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.

Signature _____

Shipment Date

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

TRANSPORTER (Generator complete a-d; Transporter I complete e-g; Transporter II complete h-n)

TRANSPORTER I

TRANSPORTER II

a. Name: _____ b. Address: _____ c. Driver Name/Title: _____ d. Phone No.: _____ e. Truck No.: _____ f. Vehicle License No./State: _____ g. _____	h. Name: _____ i. Address: _____ j. Driver Name/Title: _____ k. Phone No.: _____ l. Truck No.: _____ m. Vehicle License No./State: _____ n. _____
---	---

DESTINATION (Generator completes a-d; destination site completes e-f.)

a. Site Name: WASTE CONNECTIONS c. Phone No.: (405) 745-3091
b. Physical Address: Oklahoma City Landfill d. Fax No.: (405) 745-3611
7600 S.W. 15th • Oklahoma City, OK 73128

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

02/____

ASBESTOS (Generator completes a-d; f, g, Shipper* completes e.)

a. Shipper's* Name: ENvironmental Action, Inc. b. Shipper's* Phone No.: 9182-98-4080

c. Shipper's* Address: P. O. Box 1029, Jenk, soK 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: Dewayne Johnson, Super. b. Shipper's* Phone No.:

1	1	1	2	2	2
---	---	---	---	---	---

f. Name and Address
of Responsible Agency: ODEQ, 707N. Robinson, OKC, OK 73101 Date

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



Abatement Preparation Inspection Form

Abatement Project: Huston Elementary Date: 11-8-22 Time: _____
Project No.: 23-D145 Phase: _____
Project Address/Location: 304 Vantage Ave City: Blackwell Zip: _____
Contractor: EAI Contact Person: Dewayne Johnson

A = Acceptable
D = Denied; must be correct and re-inspected before asbestos removal is begun
N/A = Not applicable to this project

X = Deficiencies which must be corrected before asbestos removal begins. If the only deficiencies are the "X" type, after correction, asbestos abatement may begin.
**Beginning asbestos removal before the deficiencies are correct shall constitute a Serious Violation.

- | A D N/A X | | | | A D N/A X | | | | A D N/A X | | | | | | |
|--|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|---|-------------------------------------|--------------------------|-------------------------------------|--------------------------|--|-------------------------------------|--------------------------|-------------------------------------|--------------------------|
| (1) Work site barriers and warning signs..... | ☒ | ☐ | ☐ | ☐ | (19) Storage lockers for workers and ODOL inspectors' street clothes..... | ☒ | ☐ | ☐ | ☐ | (35) Scaffolding with people working under has mesh or solid barrier on platform..... | ☐ | ☐ | ☒ | ☐ |
| (2) Toilet facilities provided..... | ☒ | ☐ | ☐ | ☐ | (20) Shower with hot water supply, stable nonskid surface, lights..... | ☒ | ☐ | ☐ | ☐ | (36) Scaffolding floorboards in good condition and secured..... | ☐ | ☐ | ☒ | ☐ |
| (3) Worker licenses..... | ☒ | ☐ | ☐ | ☐ | (21) Shower drains, filter, proper water disposal..... | ☒ | ☐ | ☐ | ☐ | (37) Aerial lifts have full-body harness with shock lanyards..... | ☐ | ☐ | ☒ | ☐ |
| (4) Emergency telephone #s..... | ☒ | ☐ | ☐ | ☐ | (22) Soap from dispenser, and towels provided..... | ☒ | ☐ | ☐ | ☐ | (38) Ladders are non-conducting and stable..... | ☒ | ☐ | ☐ | ☐ |
| (5) OSHA forms, poster (min. wage, workers comp, equal opportunity)..... | ☒ | ☐ | ☐ | ☐ | (23) Hearing protection provided if required..... | ☐ | ☐ | ☒ | ☐ | (39) Heat stress monitors in place..... | ☐ | ☐ | ☒ | ☐ |
| (6) Air mon., results from prior phases, if applicable..... | ☐ | ☐ | ☒ | ☐ | (24) Hard hats provided, if required..... | ☐ | ☐ | ☒ | ☐ | (40) HEPA vacuum is clean with filters properly installed..... | ☒ | ☐ | ☐ | ☐ |
| (7) Respirator program and project design on-site..... | ☐ | ☐ | ☐ | ☐ | (25) Appropriate footwear/safety shoes provided, if required..... | ☒ | ☐ | ☐ | ☐ | (41) Temporary lighting is adequate and properly wired and grounded..... | ☒ | ☐ | ☐ | ☐ |
| (8) Current Fit Test..... | ☒ | ☐ | ☐ | ☐ | (26) Ventilation serving or passing through the abatement area deactivated..... | ☒ | ☐ | ☐ | ☐ | (42) 10 # ABC fire extinguishers inspected..... | ☒ | ☐ | ☐ | ☐ |
| (9) NIOSH approved respirators, clean, parts in working order..... | ☒ | ☐ | ☐ | ☐ | (27) Critical barriers in place..... | ☒ | ☐ | ☐ | ☐ | (43) Adequate escape routes are properly marked and illuminated with emergency lighting and battery back-up..... | ☒ | ☐ | ☐ | ☐ |
| (10) Electrical panel outside work area..... | ☐ | ☐ | ☒ | ☐ | (28) Neg. air quantity and pressure drop, confirmed on-site with recording manometer..... | ☐ | ☐ | ☒ | ☐ | (44) Acceptable amended water sprayers and chemicals provided..... | ☒ | ☐ | ☐ | ☐ |
| (11) Electrical system in abatement area locked out/ tagged out..... | ☒ | ☐ | ☐ | ☐ | (29) Neg. air machine(s) have properly installed filters, clean pre-filters..... | ☒ | ☐ | ☐ | ☐ | (45) Load-out sealed unless needed for make-up air..... | ☐ | ☐ | ☒ | ☐ |
| (12) Temporary wiring installed by licensed electrician..... | ☐ | ☐ | ☒ | ☐ | (30) Prep. work secure with negative air on..... | ☒ | ☐ | ☐ | ☐ | (46) Disposal bags and/or barrels provided and properly labelled..... | ☒ | ☐ | ☐ | ☐ |
| (13) Temporary panel boards properly grounded..... | ☐ | ☐ | ☒ | ☐ | (31) Make-up air sources provide adequate circulation and air cleaning..... | ☒ | ☐ | ☐ | ☐ | (47) Disposal vehicle properly lined..... | ☒ | ☐ | ☐ | ☐ |
| (14) Ground fault interruption provided from outside work area..... | ☐ | ☐ | ☐ | ☒ | (32) Access controlled..... | ☒ | ☐ | ☐ | ☐ | (48) Area monitoring locations identified..... | ☒ | ☐ | ☐ | ☐ |
| (15) Live electrical requirement met..... | ☒ | ☐ | ☐ | ☐ | (33) Scaffolding over 10' high has 42" side rails and 4" toe boards..... | ☐ | ☐ | ☒ | ☐ | (49) Other..... | ☐ | ☐ | ☐ | ☐ |
| (16) Extension cords in acceptable condition..... | ☒ | ☐ | ☐ | ☐ | (34) Scaffolding from 4' to 10' high, but less than 42" wide, has side rails..... | ☐ | ☐ | ☒ | ☐ | | | | | |
| (17) Equipment properly grounded..... | ☒ | ☐ | ☐ | ☐ | | | | | | | | | | |
| (18) De-con firmly constructed, opaque, with triple flaps..... | ☒ | ☐ | ☐ | ☐ | | | | | | | | | | |

10 # OF GLOVEBAGS

OF FULL CONTAINMENTS

OF MINI CONTAINMENTS

Recommendations & Remarks: Remove ACM via wrap and cut methods
10 glove bags for easier removal

Orders: Remove ACM - run clearances - call for V/F
☐ Imminent Danger
Inspector's Signature: [Signature] Contractor's or Representative's Signature: [Signature]

Oklahoma Department of Labor

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
(405-521-6464) FAX (405-521-6025)

Asbestos Division



Visual/Final Inspection Form

DOL Project #: 23-0145 11 09 2022 9:00
Facility: Huston Early Childhood CTR Month Day Year Time
Contractor #: _____
Address/Location: _____
Owner/Occupant: _____
Contact Name: _____
Facility Phone #: _____
County #: _____
Address City: Blackwell
Contractor: _____
Contractor's Rep.: Dewayne Johnson
Contractor's Phone #: _____

1. Description of Area: Former school removed Air pipes
from throughout - glovebags (20) total
wrap and cut

2. Areas requiring further cleaning: none

3. Air Counts (PCM/TEM) On-Site?: yes all readings below 0.1 PCN

4. DOL Recommendations: Tea down remaining

5. Will a FINAL inspection be required?: This is the Final - Final is
accepted

6. Notes: This completes this Project

7. Note any violations cited: 380:50-

8. Contractor's Comments: _____

Keith H. Hunt

Inspector's Signature

Dewayne Johnson

Contractor's Signature



Asbestos Project Checklist

☒ Initial Notification

☐ Revised Notification

☐ Emergency Notification

	NAME	ADDRESS	CITY	PHONE
Job Site:	Former Houston Early Childhood Center	304 Vinnedge	Blackwell, OK 74631	
Contractor:	Environmental Action, Inc.	PO Box 1029	Jenks, OK	918 298-4080
Site Owner:	City of Blackwell	221 W Blackwell	Blackwell, OK 74631	
Gen. Contractor:	N/A			
Project Designer:	MEM	1301 N Martin Luther King Ave	Oklahoma City, OK 73117	405 616-0401
Air Monitoring Firm:	MEM	1301 N Martin Luther King Ave	Oklahoma City, OK 73117	405 616-0401
Air Monitoring Firm:				
Landfill:	Waste Connections OKC	7600 SW 15th Street	Oklahoma City, OK	405 745-3002
Hauler:	Lowder Transportation	PO 307	Shawnee, OK	405 615-4075

MOBILIZATION DATE: 10/24/2022

SCHEDULED DATE OF ASBESTOS REMOVAL: 10/27/2022

PROJECT COMPLETION DATE: 11/5/2022

RENOVATION: ☒ DEMOLITION: ☐ EMERGENCY: ☐

TYPE AND PERCENTAGE ASBESTOS (ATTACH LAB REPORTS): Submitted with MEM Project Designs.

AMOUNT OF ASBESTOS TO BE ABATED: 920 LN FT TSI

ABATEMENT TECHNIQUES: Glovebag, Cut & Wrap

SUBMITTALS NECESSARY BEFORE ABATEMENT MAY BEGIN. CHECK OFF ONLY THOSE ATTACHED TO THIS CHECKLIST OR WHICH ARE ON FILE AT THE OKLAHOMA DEPARTMENT OF LABOR.

☐ NESHAPS Notification (Copy)

Variances

☐ Project Specifications

☐ Bonds and/or Insurance Certificates

☐ Plans for Decontamination Facilities

☐ Respirator Program

☐ Employee Physicals

☐ Permission from owner for all rented vehicles/trailers used to haul asbestos-containing material.

_____ # of Mini-containments

_____ # of Glovebags

_____ # of Containments

1 _____ # of Phases

FEES

* \$1000.00 per containment

* \$350.00 per project not part of a definite containment

* \$350.00 per project with multiple glovebags or mini-containments,
plus \$10.00 per such glovebag or mini-containment

Comments: _____

Darwin Chesnut

Digitally signed by Darwin Chesnut
Date: 2018.08.27 22:56:21 -0500

Contractor/Responsible Party Signature

10/13/2022

Date

EPA NOTIFICATION OF DEMOLITION OR RENOVATION

OFFICE USE ONLY: DATE RECEIVED: _____ JOB / PERMIT / ID NUMBER _____

I. FACILITY INFORMATION:

OWNER: City of Blackwell PHONE: 580 363-7250
STREET ADDRESS: 221 W. Blackwell CITY: Blackwell STATE: OK ZIP: 74631
FACILITY REPRESENTATIVE: _____ PHONE: _____

ASBESTOS ABATEMENT CONTRACTOR: Environmental Action, Inc.
STREET ADDRESS: PO Box 1029 CITY: Jenks STATE: OK ZIP: 74037
REPRESENTATIVE: Darwin Chesnut PHONE: 405 631-2351
PAGER: None CELL PHONE: 405 990-0070

AIR MONITORING FIRM OR OTHER OPERATOR MEM

STREET ADDRESS: 1301 N Martin Luther King Ave CITY: Oklahoma City STATE: OK ZIP: 73117
REPRESENTATIVE: Jamie Marshall PHONE: 405 616-0401

II. TYPE OF NOTIFICATION: (O=ORIGINAL) OR (R=REVISED) O

III. TYPE OF OPERATION: (D=DEMOLITION) (R=RENOVATION) (ER=EMERGENCY RENOVATION) D

IV. IS ASBESTOS CONTAINING MATERIAL (ACM) PRESENT? YES XXXXX NO _____

V. FACILITY / BUILDING DESCRIPTION (BE SPECIFIC AND DETAILED AS TO NAME, # FLOORS, EXACT ACM LOCATION, ROOM NUMBERS, ETC.)

FACILITY: Former Houston Early Childhood Center ADDRESS: 304 Vinnedge Ave
CITY: Blackwell STATE: OK ZIP CODE: 74631 COUNTY: Kay

WHERE IS ACM LOCATED? Pipe insulation and transite soffit

BUILDING SIZE: SQ. FEET: ~16800 AGE: 50+ YEARS # OF FLOORS: 1

PRESENT USE: Vacant PREVIOUS USE: School

VI. PROCEDURES USED TO DETERMINE PRESENCE OF ACM INCLUDING ANALYTICAL METHODS:

Visual inspection of the building -- suspect materials were collected -- analysis by polarized light microscopy

NAME OF EPA ACCREDITED INSPECTOR WHO PERFORMED INSPECTION AND SAMPLING INCLUDING AFFILIATION AND OKLAHOMA DOL LICENSE NUMBER:

Jamie Marshall - MEM - License # 703804

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

VII. AMOUNTS OF REGULATED ASBESTOS CONTAINING MATERIAL (RACM) TO BE REMOVED; ALSO AMOUNTS OF CATEGORY I OR II MATERIALS WHICH WILL / WILL NOT BE REMOVED (circle one)

PIPES --LINEAR FT: 920 SURFACING AREA --- SQUARE FEET: _____ OFF FACILITY COMPONENT: _____

CUBIC FEET: _____ CATEGORY I - SQ FT: 0 CATEGORY II - SQ. / LN. FT. 14250

VIII. SCHEDULED DATES OF ASBESTOS REMOVAL: START: 10/27/2022 FINISH: 11/5/2022

IX. SCHEDULED DATES OF DEMO / RENO: START: Following Abatement FINISH: unknown

X. DESCRIPTION OF THE PLANNED ASBESTOS REMOVAL TECHNIQUES TO BE EMPLOYED:
(e.g. gross removal, glove bagging, manual scrape, etc.)

Glovebagging per ODOL project design.

XI. DESCRIPTION OF THE CONTROLS AND WORK PRACTICES TO BE USED TO PREVENT ASBESTOS FIBER EMISSIONS
(e.g. full containment with negative pressure, adequate wetting):

glovebagging, wet removal.

XII. LICENSED ASBESTOS WASTE TRANSPORTER: Lowder Transportation

ADDRESS: PO Box 307 CITY: Shawnee STATE: OK ZIP: 74802

REPRESENTATIVE: Tom Lowder PHONE: (405) 615-4075

XIII. STATE PERMITTED ASBESTOS WASTE DISPOSAL SITE: Waste Connections Of Oklahoma

ADDRESS: 7600 SW 15th CITY: Oklahoma City STATE: OK ZIP: 73120

REPRESENTATIVE: _____ PHONE: (405) 745-3002

XIV. IS DEMOLITION ORDERED BY A GOVERNMENT AGENCY? YES: _____ NO: XXXX

NAME OF AGENCY: N/A REPRESENTATIVE: _____

DATE OF ORDER: _____ DATE DEMOLITION IS TO START: _____

XV. IS THIS RENOVATION REQUIRED DUE TO AN EMERGENCY YES: XXX NO: _____

DATE OF EMERGENCY: _____ HOUR OF DAY EMERGENCY OCCURRED: _____

DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT CAUSING THE EMERGENCY: _____

EXPLANATION OF HOW THIS CAUSED 1) UNSAFE CONDITIONS; 2) SERIOUS DISRUPTION OF NORMAL BUILDING OPERATIONS; AND/OR 3) IMPOSES AN UNREASONABLE FINANCIAL BURDEN? (be specific & detailed)

EPA NOTIFICATION OF DEMOLITION OR RENOVATION CONTINUED

XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS BECOMES FRIABLE (crumbled, pulverized, abraided, or reduced to powder, etc.):

Stop work, wet the materials, collect and bag loose materials, notify DEQ

XVII. I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR, PART 61, SUBPART M - NESHAP) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE OF HIS/HER TRAINING AND CERTIFICATION / LICENSING WILL BE AVAILABLE (OR BE POSTED) FOR INSPECTION DURING BUSINESS HOURS:

SIGNATURE OF OWNER / OPERATOR: Darwin Chesnut

DATE: 10/13/2022

PRINTED NAME: Darwin Chesnut

XVIII. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE:

SIGNATURE OF OWNER / OPERATOR: Darwin Chesnut

DATE: 10/13/2022

PRINTED NAME: Darwin Chesnut

DEFINITION: OWNER OR OPERATOR Any person who owns, leases, operates, controls or supervises the facility being demolished or renovated or any person who owns, leases, operates, controls or supervises the demolition or renovation, or both.

ADDITIONAL COMMENTS: _____

EPA NESHAP AUTHORITY:

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division, 707 N. Robinson, P.O. Box 1677
OKC, OK 73101-1677 or
Tulsa Regional Office, 3105 East Skelly Drive, Suite 200
Tulsa, OK 74105

NOTE: Please submit your Notification to the DEQ office closer to your job site.

DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

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DAILY FIELD ACTIVITY LOG

SUPERVISOR:	Dewayne Johnson	DATE:	11-3-22	Page	of
PROJECT NAME:	Houston Center	PROJECT NO.	6675		
FIELD ACTIVITY SUBJECT:	Glove Bags Transite				
DESCRIPTION OF DAILY ACTIVITIES AND EVENTS:	We arrive on site and started put up Deco unit and wrapping pipe for Glove bags Call for Prep Inspection at 10:00 AM				
VISITORS ON SITE:	NIA	CHANGES FROM PLANS AND SPECIFICATIONS, AND OTHER SPECIAL ORDERS AND IMPORTANT DECISIONS:	NIA		
WEATHER CONDITIONS:		IMPORTANT TELEPHONE CALLS:	DOL		
IH PERSONNEL ON SITE:					
SIGNATURE:	[Signature]	DATE:	11-3-22		

DAILY FIELD ACTIVITY LOG

[illegible]

DAILY FIELD ACTIVITY LOG

[illegible]

DAILY FIELD ACTIVITY LOG

[illegible]

ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #		
Houston Center	Tue	10-25-22	6675		
	Name	IN	OUT	IN	OUT
1	DEWAYNE JOHNSON	700	530		
2	JOHANNIE JOHNSON	700	530		
3	Dakota Henry	700	530		
4	Roberto Torres	700	530		
5	JESUS CHAUCA	700	530		
6	Angel Bustos	700	530		
7	LEONARDO DIAZ	700	530		
8	YOISEL ESPINOSA	700	530		
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #		
HOUSTON CENTER BLACKWELL	Wed	10-26-22	6675		
	Name	IN	OUT	IN	OUT
1	DEWAYNE JOHNSON	7:30	5:30		
2	JOHNNIE JOHNSON	7:30	5:30		
3	YOISEL ESPINOSA	7:30	5:30		
4	JESUS CHAU CA	7:30	5:30		
5	Roberto Torres	7:30	5:30		
6	Dakota Henry	7:30	5:30		
7	LEONARDO DIAZ				
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #			
Houston center		10-27-22	6675			
	Name	IN	OUT	IN	OUT	
1	D. JOHNSON	7:00	5:30			
2	S. JOHNSON	7:00	5:30			
3	Roberto Torres	7:00	5:30			
4	Dakota Henry	7:00	5:30			
5	JESUS CHAUCA	7:00	5:30			
6	YOLISCE ESPINOSA	7:00	5:30			
7	Angel Bustos	7:00	5:30			
8	LEONARDO DIAZ	7:00	5:30			
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

	LOCATION	DAY	DATE	SHEET #	
	Houston Center	FRI	10-28-22	6675	
	Name	IN	OUT	IN	OUT
1	D JOHNSON	700	530		
2	Dakota Henry	700	530		
3	YOISELESPINOSA	700	530		
4	JESUS CHAUCA	700	530		
5	Angel Bustos	700	530		
6	LEONARDO DIAZ	700	530		
7	John Johnson	700	530		
8	Robert Torres	700	530		
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #			
Houston Center	Mon	10-31-22	6675			
	Name	IN	OUT	IN	OUT	
1	D. JOHNSON	700	500			
2	J. JOHNSON	700	500			
3	Roberto Torres	700	500			
4	Dakota Henry	700	500			
5	JESUS CHAUCA	700	500			
6	Yoisel Espinoza	700	500			
7	Angel Bustos	700	500			
8	Leonardo Diaz	700	500			
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #			
Houston center	Tue	11-1-22	6675			
	Name	IN	OUT	IN	OUT	
1	D. JOHNSON	7:00	5:00			
2	J. JOHNSON	7:00	5:00			
3	Roberto Torres	7:00	5:00			
4	Dakota Henry	7:00	5:00			
5	Angel Bustos	7:00	5:00			
6	JESUS CHAVEZ	7:00	5:00			
7	Leonardo Diaz	7:00	5:00			
8	Yoisel Espinosa	7:00	5:00			
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION		DAY	DATE		SHEET #	
Houston Center		Wed	11-2-22		6625	
	Name	IN	OUT	IN	OUT	
1	DEWAYNE JOHNSON	7:00	5:00			
2	SOHNIE JOHNSON	7:00	5:00			
3	Dakota Henry	7:00	5:00			
4	Roberto Torres	7:00	5:00			
5	JESUS CHAUCA	7:00	5:00			
6	YOISEL ESPINOSA	7:00	5:00			
7	Angel Bustos	7:00	5:00			
8	LEONARDO DIAZ	7:00	5:00			
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13	D JOHNSON	7:00	5:00			
14	J JOHNSON	7:00	5:00			
15	Dakota Henry	7:00	5:00			
16	YOISEL ESPINOSA	7:00	5:00			
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #			
Houston Center	Mon	11-7-22	6675			
	Name	IN	OUT	IN	OUT	
1	D JOHNSON	7 00	5 00			
2	S JOHNSON	7 00	5 00			
3	Robert Torres	7 00	5 00			
4	Dakota Henry	7 00	5 00			
5	JESUS CHAUCA	7 00	5 00			
6	LEONARDO DIAZ	7 00	5 00			
7	Angel Bustos	7 00	5 00			
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION	DAY	DATE	SHEET #		
Houston Center	Tue	11-8-22	6675		
	Name	IN	OUT	IN	OUT
1	Dewayne Johnson	700	500		
2	Johnnie Johnson	700	500		
3	Roberto Torres	700	500		
4	Dakota Henry	700	500		
5	JESUS CHAVEZ	700	500		
6	LEONARDO DIAZ	700	500		
7	Angel Bustos	700	500		
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ENVIRONMENTAL ACTION INC

Daily Sign In Sheet

LOCATION		DAY	DATE		SHEET #	
Houston Center					6675	
	Name	IN	OUT	IN	OUT	
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