Former Parkside Elementary

Blackwell, OK

Owner: City of Blackwell

Final Remediation Report

OKLAHOMA
Environmental
Quality

SITE CLEANUP ASSISTANCE PROGRAM

Brownfields performed sampling in September of 2021

- Asbestos located in building
- Over 3,000 sq.ft. of transite panels removed
- 1500 ln. ft. of pipe insulation removed
- 437 windows with asbestos window caulking
- Abatement completed in May of 2024 and plan to demolish and prepare land for future development

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Kay

Data provided by Janell Leaming County Assessor

Property Information - Date 09/09/2022

Sale History

Instrument	Book	Page	Grantor	Date	Price	Code
I-2020-007867	1851	247	BLACKWELL ECONOMIC DEV AUTH	10/2020	0	01
I-2020-000497	1826	765	INDEPENDENT SCHOOL DIST # 45	01/2020	0	05

Billed History

Tax Year	Billed Owner	Tax Area	Total Value	Exemptions	Taxable Value	Billed Tax
2021	BLACKWELL FACILITIES AUTHORITY	204	352,864	0	0	0.00
2020	BLACKWELL ECONOMIC DEV AUTH	204	352,864	0	0	0.00
2019	INDEPENDENT SCHOOL DIST # 45	204	354,949	0	0	0.00
2018	INDEPENDENT SCHOOL DIST # 45	204	370,518		0	0.00
2017	INDEPENDENT SCHOOL DIST # 45	204	370,682		0	0.00
2016	INDEPENDENT SCHOOL DIST # 45	204	385,252		0	0.00
2015	INDEPENDENT SCHOOL DIST # 45	204	371,445		0	0.00
2014	INDEPENDENT SCHOOL DIST # 45	204	385,294		0	0.00
2013	INDEPENDENT SCHOOL DIST # 45	204	387,378		0	0.00
2012	INDEPENDENT SCHOOL DIST # 45	204	401,227		0	0.00
2011	INDEPENDENT SCHOOL DIST # 45	204	401,227		0	
2010	INDEPENDENT SCHOOL DIST # 45	204	386,969		0	0.00
2009	INDEPENDENT SCHOOL DIST # 45	204	0		0	0.00

Commercial Improvements

Card	Improvement Type	Condition	Quality	Year	Exterior Wall	HVAC	Storys	Total Area
1	100% Elementary School (Entire) (365)	1.5 - Low	3 -	1955	Brick with Block Back-up	Warmed and Cooled Air	1.00	23,256

Outbuildings

Bldg	Improvement Type	Condition	Quality	Year	Exterior Wall	Roof	Dimensions	Total Area
1	Bulk Storage Building	3 - Frame, Siding, Vinyl	3-Average	1950			32x24x0	768
2	Cellar No Value			1955			42x50x0	2,100
3	Raised Slab Porch - Open	3 - Frame, Siding, Vinyl	3-Average	1955			12x73x0	876

Kay

Data provided by Janell Leaming County Assessor

Property Information - Date 09/09/2022

The Kay County Assessor's Office has made every effort to insure the accuracy of the data contained on this website; however, this material may be slightly dated which could have an impact on its accuracy.

The information must be accepted and used by the recipient with the understanding that the data was developed and collected only for the purpose of establishing fair market value for ad valorem taxation. Although changes may be made periodically to the tax laws, administrative rules and similar directives, these changes may not always be incorporated in the material on this website.

The Kay County Assessor's Office assumes no liability for any damages incurred, whether directly or indirectly, incidental, punitive or consequential, as a result of any errors, omissions or discrepancies in any information published on this website or by any use of this website.

Assessment Data

Account	360014808
Parcel ID	2360-00-006-001-0-000-00
Cadastral ID	2360-006-001-00-0-000-00
Property Type	REAL - Real Property
Property Class	E
Tax Area	204 - 45A Blackwell C
Lot Size	23.00 - Lots

Owners Name

BLACKWELL FACILITIES AUTHORITY
221 W BLACKWELL AVE
BLACKWELL OK 74631-0000

Primary Image

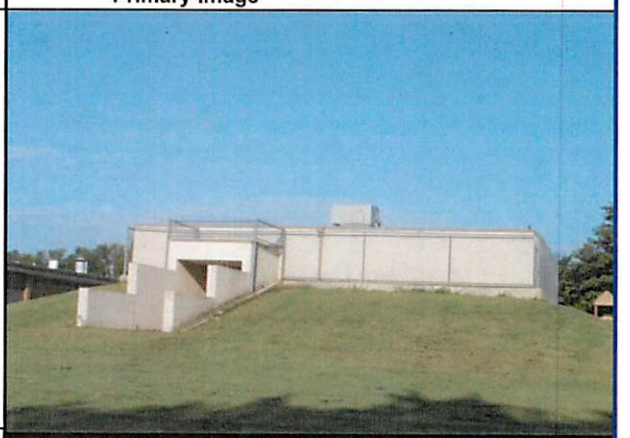

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Image Date 7/19/2009

Parcel Location

Situs	00502 E COLLEGE
Subdivision	MYERS RIVERSIDE
Lot/Block	0001 / 0006
Sec/Twn/Rng	- - -
Neighborhood	1001 - Blackwell West

Legal Description

BKWL-MYERS RIVERSIDE BLK 6 TRACT 1-23 ...PRKSIDE SCHOOL

Valuation	Current Year	2021
Land Value	50,243	50,243
Improvements	302,621	302,621
Mobile Home	0	0
Fair Market Value	352,864	352,864
Taxable Value - Capped	0	0
Assement Ratio	11%	11%
Gross Assessed	0	0
Exemptions	0	0
Net Assessed	0	0
Tax Rate	93.7200	93.7200
Estimated Taxes	0.00	0.00

Tax Detail (Millages)		%	Mills	Dollar
I-45A	45A Blackwell C			
C001	Kay County General			
	General	10.9	10.25	.00
	Health	1.9	1.79	.00
	School	4.4	4.10	.00
I-45AB	45B Blackwell CR			
	General	38.5	36.10	.00
	Building	5.5	5.16	.00
	Sinking	22.5	21.09	.00
VO13	VO Tech #13			
	General	10.9	10.23	.00
	Building	5.3	5.00	.00

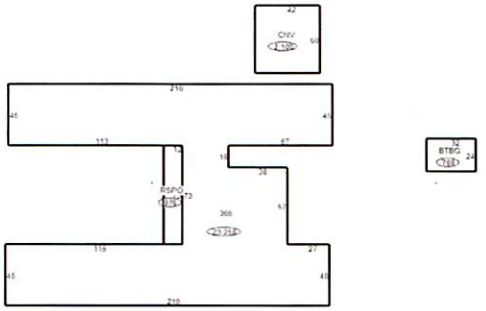
Kay

Data provided by Janell Leaming County Assessor

Property Information - Date 09/09/2022

Attached Images

Image ID 45495
Image Date 11/7/2019



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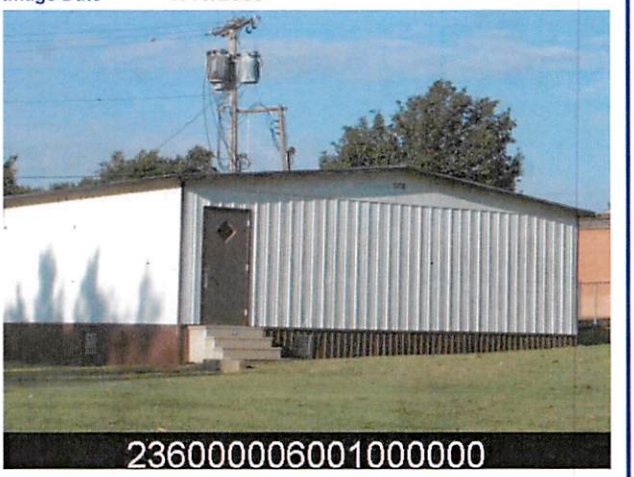

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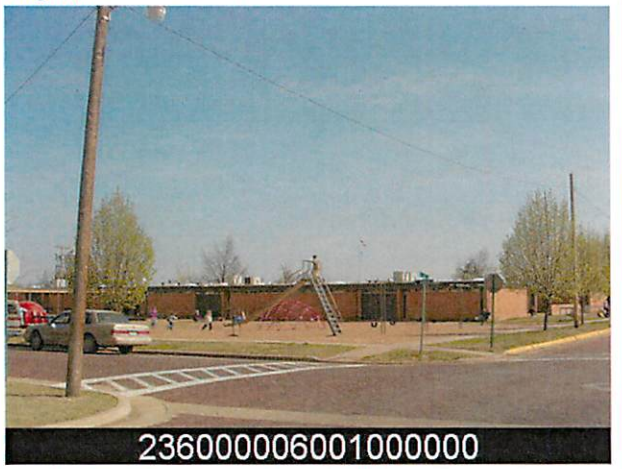
Image Date 4/4/2002



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OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

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 502 E. College 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 November 1st, 2023 or when executed by all parties whichever date occurs of the later and will continue through October 31st, 2024 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

12-12-23

Authorized Representative Signature Date

Jerry Wieland 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

Exhibit "A"
Statement of Work

OKLAHOMA
DEPARTMENT OF ENVIRONMENTAL QUALITY

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":

502 E. College 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 November 1, 2023, and ending October 31, 2024.

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

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

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

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

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

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

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

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

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

PERMITOR: **City of Blackwell** (Type or Print)	PERMITTEE: **Oklahoma Department of Environmental Quality**
By: (Signature)	By: (Signature)
Jerry Widend City Manager (Print Name and Title)	(Print Name) **Director of Support Services, Administrative Services Division**
Date: 12-12-23	Date:

Exhibit "A"
Property Location Map

Inspection Reports

PARKSIDE ELEMENTARY SCHOOL

502 E. COLLEGE 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: Eneojo Onuche | Asbestos Inspector
1301 North Martin Luther King Avenue
Oklahoma City, OK 73117
405.616.0401 | mem@marshallenvironmental.com

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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 502 E College Avenue in Blackwell, Oklahoma. This inspection was performed on August 10th 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 ***Report Date***

President

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

PARKSIDE ELEMENTARY SCHOOL

ASBESTOS INSPECTION

EXECUTIVE SUMMARY

On August 10, 2021, Marshall Environmental Management, Incorporated (MEM) conducted an asbestos inspection within the Parkside Elementary School located at 502 E College 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 sink undercoat, window glaze, 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 sink undercoat, window glaze, 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 t 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 sink undercoat, window glaze, and 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 sink undercoat, window glaze, 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 sink undercoat, window glaze, 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 Parkside Elementary School is located at 502 E College Avenue in Blackwell, Oklahoma. This school complex consists of 5 one-story buildings and one shed. The school interior is comprised of brick, wood paneling, drywall, carpet , floor tile with a concrete foundation. The exterior is comprised of brick. The shed is comprised of wood, drywall, and aluminum siding. The buildings date of construction is 1955. As part of this inspection, suspect building materials identified and sampled included wall systems, floor tile, floor tile mastic, sink undercoat, caulking, glaze, batting insulation, and pipe insulation. Subsequently, ***asbestos-containing sink undercoat, window glaze, 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 SCOOL	GOOD	MISCELLANEOUS	8-10% CHRYSOTILE	~13,490 ft^2	$70,000

CATEGORY II NON-FRIABLE ASBESTOS-CONTAINING MATERIALS

TABLE II: SINK UNDERCOATING

DESCRIPTION | LOCATION	CONDITION	TYPE	% ASBESTOS	QUANTITY	ESTIMATED COST
BUILDING B KITCHEN SINK	GOOD	MISCELLANEOUS	10% CHRYSOTILE	1	$250

TABLE III: TRANSITE PANELS AND FLUE

DESCRIPTION | LOCATION	CONDITION	TYPE	% ASBESTOS	QUANTITY	ESTIMATED COST
BUILDING A ROOMS 15 & 16 PANELS	GOOD	MISCELLANEOUS	40% CHRYSOTILE	~1,580 FT^2 OF PANELS	$8,500
BUILDING A ROOM 16 FLUE	GOOD	MISCELLANEOUS	40% CHRYSOTILE	1 FLUE	$500

TABLE IV: WINDOW CAULKING

DESCRIPTION | LOCATION	CONDITION	TYPE	% ASBESTOS	QUANTITY	ESTIMATED COST
ALL BUILDINGS PERIMETER OF EXTERIOR	GOOD	MISCELLANEOUS	3% CHRYSOTILE	~437	$87,400

FRIABLE ASBESTOS-CONTAINING MATERIALS

TABLE V: PIPE INSULATION

DESCRIPTION | LOCATION	CONDITION	TYPE	% ASBESTOS	TOTAL QUANTITY	ESTIMATED ABATEMENT COST
BUILDING B ROOMS 2 AND 3 ON CEILING, AND ROOM 13 WALL INTO FLOOR	GOOD	TSI	5-30% CHRYSOTILE	~1,500 LFT	$37,500

TOTAL ESTIMATED COST

TOTAL ESTIMATED PRICE FOR ABATEMENT	$204,150
TOTAL ESTIMATED COST OF PROJECT DESIGN & THIRD-PARTY AIR MONITORING	$15,000
TOTAL ESTIMATED COST OF ABATEMENT TO INCLUDE THIRD-PARTY AIR MONITORING	**$219,150**

REGULATED ASBESTOS-RESPONSE ACTIONS

- The Friable, Category I, and Category II Non-Friable ACM (i.e., sink undercoat, window glaze, floor tile, floor tile mastic, transite panels, and pipe insulation) must be abated prior to the commencement of certain renovation and demolition activities that would render the materials friable.
- The abatement of the asbestos-containing pipe insulation must be carried out as ***Class I Work*** in accordance with OSHA.
- The abatement of the asbestos-containing sink undercoat, window glaze, 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 CRF 1910.1001, the OSHA Asbestos Standard, when a building owner or employer identifies previously installed ACM and/or PACM, labels or signs shall be affixed or posted so that employees will be notified of what materials contain ACM and/or PACM. Warning signs shall be provided and displayed at all approaches to and inside regulated areas so that an employee may read the signs and take

necessary protective steps before entering the area. The asbestos warning labels are to be readily visible and include the following warning:

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

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

Along with AHERA, the EPA also regulates commercial asbestos abatement activities. A NESHAP notification must be submitted to the Oklahoma Department of Environmental Quality (ODEQ) ten-business days prior to the initiation of certain abatement/renovation and any demolition activities where ACM are present in quantities that meet or exceed 160-square feet (ft.^{2}), 260-linear ft. or 35-cubic ft. (ft.^{3}). Instructions regarding NESHAP notification requirements and ODEQ compliance are provided on the DEQ website: *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. It should be noted that Building D and Storm Shelter were inaccessible, and any suspect material identified in those buildings should be sampled or assumed asbestos containing. 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
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405.616.0401 | FAX: 405.681.6753 | MEM@marshallenvironmental.com
www.marshallenvironmental.com

CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	ODEQ
PROJECT NAME	PARKSIDE ELEMENTARY SCHOOL	ATTENTION	SAMUEL HOOKER
ADDRESS	502 E COLLEGE 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@deq.ok.gov	EMAIL ADDRESS	Sam.Hooker@deq.ok.gov

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) [ ] NEXT DAY [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER _____

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0235	081021	PLM	01	BLDG B. WALL SYSTEM RM 8 NE CORNER	GOOD					X	
			02	BLDG B. WALL SYSTEM RM 7 DUCT COVER	GOOD						
			03	BLDG B. WALL SYSTEM RM 11 NE CORNER	DAMAGED						
			04	9x9 FL TILE & MASTIC UNDER CARPET BLDG B. RM 4	GOOD						
			05	9x9 FL TILE & MASTIC RM 10 BLDG. B.	GOOD						
			06	" " "	GOOD						
			07	WALL PANEL MASTIC RM 4 BLDG. B.	GOOD						
			08	" " "	GOOD						
			09	" " "	GOOD						
			10	1x1 CEILING TILE RM 7 BLDG. B.	GOOD						

COLLECTED BY	JACOB KING Jacob King	DATE	08/10/21	RELINQUISHED BY: JACOB KING Jacob King	DATE 08/10/21
		TIME	09:30		TIME 17:39
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES: acceptable	
		TIME	0700		

FIELD NOTES:

METHOD OF SHIPMENT: HAND DELIVERED

PAGE NUMBER 1 OF 6

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	Same as Page 1
PROJECT NAME		ATTENTION	
ADDRESS	Same as Page 1	ADDRESS	
CITY| STATE| ZIP		CITY| STATE| ZIP	
CONTACT		PHONE NUMBER	
PHONE NUMBER		ALTERNATE NO.	
EMAIL ADDRESS		EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) [ ] NEXT DAY [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER _____

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	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)	OTHER
0235	081021	PLM	11	1x1 CEILING TILE RM 7 BLDG. B.	GOOD					X	
			12	" " "	GOOD						
			13	TSI FITTING RM 13 BLDG. B.	GOOD						
			14	" " "	GOOD						
			15	" " "	GOOD						
			16	TSI STRAIGHT RUN RM 13 BLDG. B.	GOOD						
			17	" " "	GOOD						
			18	" " "	GOOD						
			19	WINDOW CAULK SOUTH BLDG. B.	GOOD						
			20	WINDOW GLAZE SOUTH BLDG. B.	GOOD						

COLLECTED BY	JACOB KING Jacob King	DATE	08/10/21	RELINQUISHED BY	JACOB KING Jacob King
		TIME	09:30		
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES	acceptable
		TIME	0700		

DATE 08/10/21 TIME 17:39

FIELD NOTES:

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PAGE NUMBER 2 OF 5

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	Same As Page 1
PROJECT NAME	Same As Page 1	ATTENTION	
ADDRESS		ADDRESS	
CITY| STATE| ZIP		CITY| STATE| ZIP	
CONTACT		PHONE NUMBER	
PHONE NUMBER		ALTERNATE NO.	
EMAIL ADDRESS		EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) [ ] NEXT DAY [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0235	081021	PLM	21	SINK UNDER COATING RM 11 BLDG. B.	GOOD					X	
			22	BLDG A. MECHANICAL ROOM TRANSITE PANEL	GOOD						
			23	" " "	GOOD						
			24	" " "	GOOD						
			25	9X9 FL TILE + MASTIC UNDER CARPET RM 19 BLDG A	GOOD						
			26	" " " RM 18 BLDG A.	GOOD						
			27	" " " RM 17 BLDG A.	GOOD						
			28	WALL SYSTEM DUCT COVER RM 19 BLDG A.	GOOD						
			29	" " " RM 18 BLDG A.	GOOD						
			30	" " " RM 17 BLDG A.	GOOD						

COLLECTED BY	JACOB KING Jacob King	DATE	08/10/21	RELINQUISHED BY	JACOB KING Jacob King
		TIME	09:30		
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES	acceptable
		TIME	0700		

DATE 08/10/21 TIME 17:39

FIELD NOTES

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PROJECT NAME		ATTENTION	
ADDRESS	Same As Page 1	ADDRESS	Same As Page 1
CITY| STATE| ZIP		CITY| STATE| ZIP	
CONTACT		PHONE NUMBER	
PHONE NUMBER		ALTERNATE NO.	
EMAIL ADDRESS		EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) | [ ] NEXT DAY | [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER _____

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0235	081021	PLM	31	1x1 CEILING TILE RM 17 BLDG A.	GOOD					X	
			32	" " "	GOOD						
			33	" " "	GOOD						
			34	WINDOW CAULK SOUTH BLDG A.	GOOD						
			35	WINDOW GLAZE SOUTH BLDG A.	GOOD						
			36	9x9 FL TILE & MASTIC UNDER CARPET RM20 BLDG C.	GOOD						
			37	" " " RM23 BLDG C.	GOOD						
			38	" " " RM24 BLDG C.	GOOD						
			39	12x12 FL TILE & MASTIC RM 23 BLDG C.	GOOD						
			40	" " " RM24 BLDG C.	GOOD						

COLLECTED BY	JACOB KING Jacob P King	DATE	08/10/21	RELINQUISHED BY: JACOB KING Jacob P King	DATE 08/10/21
		TIME	09:30		TIME 17:39
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES: acceptable	
		TIME	0700		

FIELD NOTES:

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CHAIN OF CUSTODY

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	
PROJECT NAME		ATTENTION	
ADDRESS	Same As Page 1	ADDRESS	Same As Page 1
CITY| STATE| ZIP		CITY| STATE| ZIP	
CONTACT		PHONE NUMBER	
PHONE NUMBER		ALTERNATE NO.	
EMAIL ADDRESS		EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) [ ] NEXT DAY [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0235	081021	PLM	41	12x12 FL TILE & MASTIC RM26 BLDG C.	GOOD					X	
			42	WALL SYSTEM DUCT COVER RM20 BLDG C.	GOOD						
			43	" " " RM23 BLDG C.	GOOD						
			44	" " " RM24 BLDG C.	GOOD						
			45	BLDG C. WINDOW CAULK SOUTH	GOOD						
			46	BLDG C. WINDOW GLAZE SOUTH	GOOD						
			47	WALL SYSTEM RM28 CENTER SHED	GOOD						
			48	" " " " "	GOOD						
			49	WALL SYSTEM RM29 NW CORNER SHED	GOOD						
			50	CEILING TILE RM28 SHED	GOOD						

COLLECTED BY	JACOB KING Jacob King	DATE	08/10/21	RELINQUISHED BY	JACOB KING Jacob King
		TIME	09:30		
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES	acceptable
		TIME	0700		

DATE 08/10/21 TIME 12:39

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CHAIN OF CUSTODY

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PROJECT NAME		ATTENTION	
ADDRESS	Same As Page 1	ADDRESS	Same As Page 1
CITY| STATE| ZIP		CITY| STATE| ZIP	
CONTACT		PHONE NUMBER	
PHONE NUMBER		ALTERNATE NO.	
EMAIL ADDRESS		EMAIL ADDRESS	

SAMPLE TURN-AROUND-TIME: [X] STANDARD (5-7 business) [ ] NEXT DAY [ ] SAME DAY

SAMPLE MATRIX / MEDIA: MP MOLD PLATE | ST SPORE TRAP | TL TAPE LIFT | (B) BULK | O OTHER _____

SAMPLE IDENTIFICATION NUMBER: LAB ID.	DATE COLLECTED	MATRIX/MEDIA	FIELD ID.	SAMPLE LOCATION / DESCRIPTION	TIME / UNITS / CONDITION	FUNGI: TOTAL-AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: CULTURABLE AIRBORNE FUNGI (ENUMERATION & GENUS ID)	FUNGI: TOTAL-SURFACE FUNGI (SEMI-QUANTITATIVE ENUMERATION & GENUS ID)	ASBESTOS: AIRBORNE FIBER COUNT (NIOSH 7400)	ASBESTOS: BULK MATERIAL (EPA METHOD 600/R-93-116)	OTHER
0035	081021	PLM	51	CEILING TILE RM 28 SHED	GOOD					X	
↓	↓	↓	52	" " "	GOOD					↓	

COLLECTED BY	JACOB KING Jacob King	DATE	08/10/21	RELINQUISHED BY	JACOB KING Jacob King	DATE	08/10/21
		TIME	09:30			TIME	17:39
RECEIVED BY IN LABORATORY	[signature]	DATE	08/11/21	LABORATORY NOTES	acceptable		
		TIME	0700				

FIELD NOTES:

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BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	ODEQ
PROJECT NAME	Parkside Elementary School	ATTENTION	Samuel Hooker
ADDRESS	502 E College 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.	405.702.5117
PHONE NO.	405.702.5117	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	
0235-081021-PLM-01A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-01B	Tape	White	NO ASBESTOS DETECTED		100%	Fibrous Glass
0235-081021-PLM-01C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0235-081021-PLM-01D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-02A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-02B	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-03A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-03B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0235-081021-PLM-03C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0235-081021-PLM-03D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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.	0179-AB-080321-RB	COMPANY	ODEQ
PROJECT NAME	Parkside Elementary School	ATTENTION	Samuel Hooker
ADDRESS	502 E College 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.	405.702.5117
PHONE NO.	405.702.5117	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					
0235-081021-PLM-04A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-04B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-04C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-05A	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-05B	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-06A	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-06B	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-07	Mastic	Brown		NO ASBESTOS DETECTED			90%	Adhesive				
							10%	Talc				
0235-081021-PLM-08	Mastic	Brown		NO ASBESTOS DETECTED			90%	Adhesive				
							10%	Talc				
0235-081021-PLM-09	Mastic	Brown		NO ASBESTOS DETECTED			90%	Adhesive				
							10%	Talc				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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.	0179-AB-080321-RB	COMPANY	ODEQ
PROJECT NAME	Parkside Elementary School	ATTENTION	Samuel Hooker
ADDRESS	502 E College 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.	405.702.5117
PHONE NO.	405.702.5117	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					
0235-081021-PLM-10	Ceiling Tile	White		NO ASBESTOS DETECTED			90%	Cellulose				
							10%	Paint				
0235-081021-PLM-11	Ceiling Tile	White		NO ASBESTOS DETECTED			90%	Cellulose				
							10%	Paint				
0235-081021-PLM-12	Ceiling Tile	White		NO ASBESTOS DETECTED			90%	Cellulose				
							10%	Paint				
0235-081021-PLM-13	Insulation	Gray	10%	Chrysotile			70%	Aggregate				
							20%	Fibrous Glass				
0235-081021-PLM-14A	Pipe Wrap	Cream		NO ASBESTOS DETECTED			100%	Cellulose				
0235-081021-PLM-14B	Insulation	Gray	10%	Chrysotile			70%	Aggregate				
							20%	Fibrous Glass				
0235-081021-PLM-15A	Pipe Wrap	Cream		NO ASBESTOS DETECTED			100%	Cellulose				
0235-081021-PLM-15B	Insulation	Gray	10%	Chrysotile			70%	Aggregate				
							20%	Fibrous Glass				
0235-081021-PLM-16	Insulation	Light Gray	30%	Chrysotile			50%	Cellulose				
							20%	Adhesive				
0235-081021-PLM-17	Insulation	Light Gray	30%	Chrysotile			50%	Cellulose				
							20%	Adhesive				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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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www.marshallenvironmental.com

BULK ASBESTOS ANALYSIS

PROJECT INFORMATION		CONTACT INFORMATION	
PROJECT ID. NO.	0179-AB-080321-RB	COMPANY	ODEQ
PROJECT NAME	Parkside Elementary School	ATTENTION	Samuel Hooker
ADDRESS	502 E College 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.	405.702.5117
PHONE NO.	405.702.5117	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					
0235-081021-PLM-18A	Insulation	Light Gray	30%	Chrysotile			50%	Cellulose				
							20%	Adhesive				
0235-081021-PLM-18B	Insulation	Brown	5%	Chrysotile			95%	Cellulose				
0235-081021-PLM-19	Window Caulk	Light Gray		NO ASBESTOS DETECTED			90%	Silicone				
							10%	Paint				
0235-081021-PLM-20	Window Glaze	Light Gray		NO ASBESTOS DETECTED			90%	Aggregate				
							10%	Paint				
0235-081021-PLM-21	Sink Undercoat	Light Purple	10%	Chrysotile			90%	Aggregate				
0235-081021-PLM-22	Transite	Light Gray	40%	Chrysotile			50%	Cementous Material				
							10%	Adhesive				
0235-081021-PLM-23	Transite	Light Gray	40%	Chrysotile			50%	Cementous Material				
							10%	Adhesive				
0235-081021-PLM-24	Transite	Light Gray	40%	Chrysotile			50%	Cementous Material				
							10%	Adhesive				
0235-081021-PLM-25A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-25B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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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					
0235-081021-PLM-25C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-26A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-26B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-26C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-27A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-27B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-27C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-28A	Texture	White		NO ASBESTOS DETECTED			90%	Calcium Carbonate				
							10%	Paint				
0235-081021-PLM-28B	Drywall	White		NO ASBESTOS DETECTED			85%	Gypsum				
							15%	Cellulose				
0235-081021-PLM-29A	Texture	White		NO ASBESTOS DETECTED			90%	Calcium Carbonate				
							10%	Paint				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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PHONE NO.	405.702.5117	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	
0235-081021-PLM-29B	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-30A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-30B	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-31	Ceiling Tile	White	NO ASBESTOS DETECTED		90%	Cellulose
					10%	Paint
0235-081021-PLM-32	Ceiling Tile	White	NO ASBESTOS DETECTED		90%	Cellulose
					10%	Paint
0235-081021-PLM-33	Ceiling Tile	White	NO ASBESTOS DETECTED		90%	Cellulose
					10%	Paint
0235-081021-PLM-34	Window Glaze	Gray	NO ASBESTOS DETECTED		90%	Aggregate
					10%	Paint
0235-081021-PLM-35	Window Glaze	Gray	2%	Chrysotile	88%	Aggregate
					10%	Paint
0235-081021-PLM-36A	Mastic	Yellow	NO ASBESTOS DETECTED		95%	Adhesive
					5%	Synthetic Fibers
0235-081021-PLM-36B	Floor Tile	Gray	10%	Chrysotile	90%	Vinyl Aggregate

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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PHONE NO.	405.702.5117	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					
0235-081021-PLM-36C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-37A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-37B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-37C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-38A	Mastic	Yellow		NO ASBESTOS DETECTED			95%	Adhesive				
							5%	Synthetic Fibers				
0235-081021-PLM-38B	Floor Tile	Gray	10%	Chrysotile			90%	Vinyl Aggregate				
0235-081021-PLM-38C	Mastic	Black	8%	Chrysotile			92%	Tar				
0235-081021-PLM-39A	Floor Tile	Light Gray		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0235-081021-PLM-39B	Mastic	Yellow		NO ASBESTOS DETECTED			100%	Adhesive				
0235-081021-PLM-40A	Floor Tile	Light Gray		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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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					
0235-081021-PLM-40B	Mastic	Yellow/Black	5%	Chrysotile			50%	Tar				
							45%	Adhesive				
0235-081021-PLM-41A	Floor Tile	Light Gray		NO ASBESTOS DETECTED			100%	Vinyl Aggregate				
0235-081021-PLM-41B	Mastic	Yellow/Black	5%	Chrysotile			50%	Tar				
							45%	Adhesive				
0235-081021-PLM-42A	Texture	White		NO ASBESTOS DETECTED			90%	Calcium Carbonate				
							10%	Paint				
0235-081021-PLM-42B	Drywall	White		NO ASBESTOS DETECTED			85%	Gypsum				
							15%	Cellulose				
0235-081021-PLM-43A	Texture	White		NO ASBESTOS DETECTED			90%	Calcium Carbonate				
							10%	Paint				
0235-081021-PLM-43B	Drywall	White		NO ASBESTOS DETECTED			85%	Gypsum				
							15%	Cellulose				
0235-081021-PLM-44A	Texture	White		NO ASBESTOS DETECTED			90%	Calcium Carbonate				
							10%	Paint				
0235-081021-PLM-44B	Drywall	White		NO ASBESTOS DETECTED			85%	Gypsum				
							15%	Cellulose				
0235-081021-PLM-45	Window Glaze	Light Gray		NO ASBESTOS DETECTED			90%	Aggregate				
							10%	Paint				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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PHONE NO.	405.702.5117	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					
0235-081021-PLM-46	Window Glaze	White		NO ASBESTOS DETECTED	90%	Aggregate				
					10%	Paint				
0235-081021-PLM-47A	Texture	White		NO ASBESTOS DETECTED	90%	Calcium Carbonate				
					10%	Paint				
0235-081021-PLM-47B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose				
0235-081021-PLM-47C	Joint Compound	White		NO ASBESTOS DETECTED	100%	Calcium Carbonate				
0235-081021-PLM-47D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum				
					15%	Cellulose				
0235-081021-PLM-48A	Texture	White		NO ASBESTOS DETECTED	90%	Calcium Carbonate				
					10%	Paint				
0235-081021-PLM-48B	Tape	White		NO ASBESTOS DETECTED	100%	Cellulose				
0235-081021-PLM-48C	Joint Compound	White		NO ASBESTOS DETECTED	100%	Calcium Carbonate				
0235-081021-PLM-48D	Drywall	White		NO ASBESTOS DETECTED	85%	Gypsum				
					15%	Cellulose				
0235-081021-PLM-49A	Texture	White		NO ASBESTOS DETECTED	90%	Calcium Carbonate				
					10%	Paint				

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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SAMPLE ID. NO.	SAMPLE DESCRIPTION	COLOR	% ASBESTOS		% MATRIX	
0235-081021-PLM-49B	Tape	White	NO ASBESTOS DETECTED		100%	Cellulose
0235-081021-PLM-49C	Joint Compound	White	NO ASBESTOS DETECTED		100%	Calcium Carbonate
0235-081021-PLM-49D	Drywall	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-50A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-50B	Ceiling Tile	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-51A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-51B	Ceiling Tile	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose
0235-081021-PLM-52A	Texture	White	NO ASBESTOS DETECTED		90%	Calcium Carbonate
					10%	Paint
0235-081021-PLM-52B	Ceiling Tile	White	NO ASBESTOS DETECTED		85%	Gypsum
					15%	Cellulose

ANALYST NAME	Sandy West	ANALYST SIGNATURE	Sandy West	DATE ANALYZED	8/12/2021
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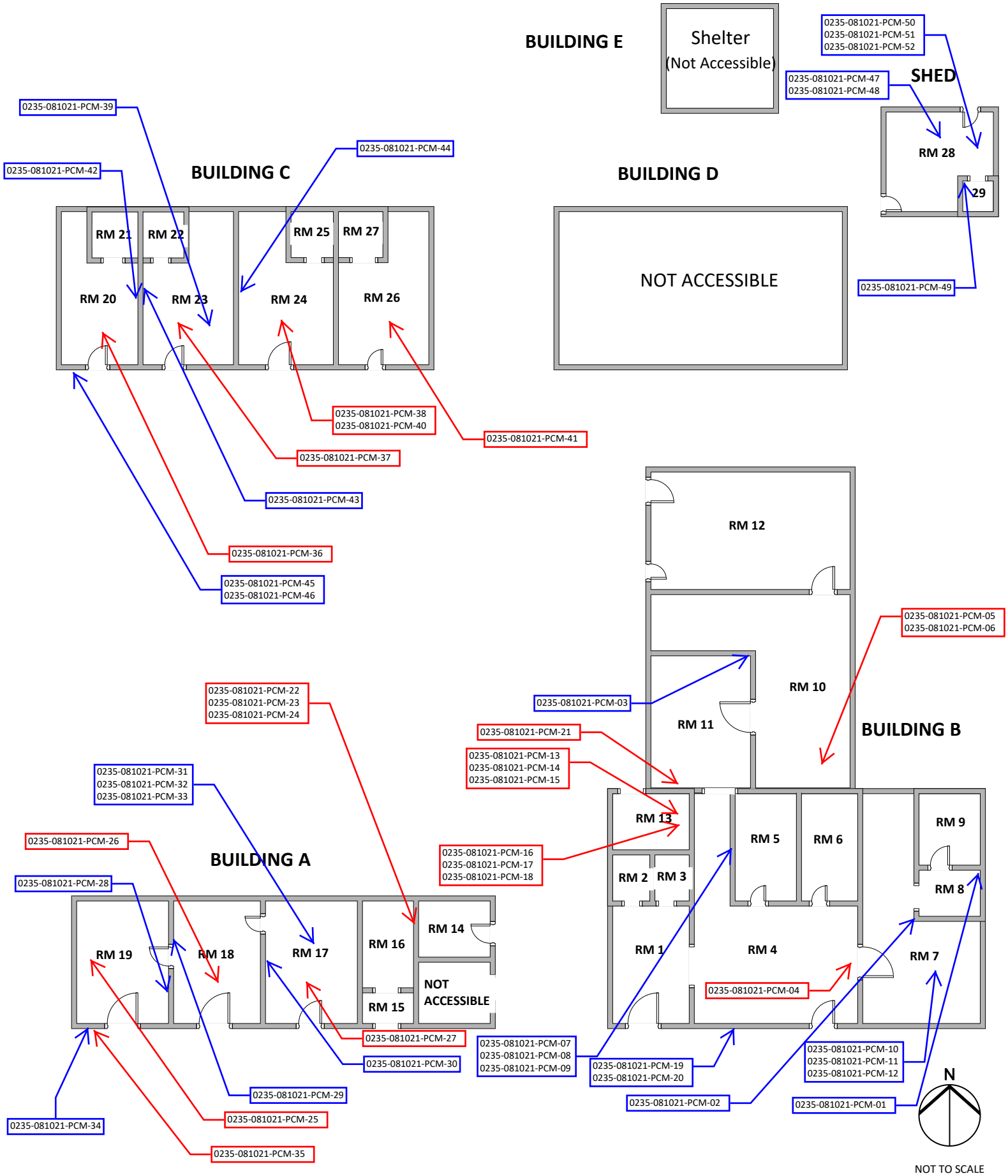

NOT TO SCALE

MARSHALL ENVIRONMENTAL MANAGEMENT	**SAMPLE LOCATIONS** PARKSIDE ELEMENTARY SCHOOL 502 E COLLEGE AVENUE BLACKWELL, OK 74631	1 FIGURE

MARSHALL ENVIRONMENTAL MANAGEMENT

ACM LOCATIONS

PARKSIDE ELEMENTARY SCHOOL
502 E COLLEGE AVENUE
BLACKWELL, OK 74631

2
FIGURE

Photo 1: Asbestos Containing Floor Tile & Mastic Underneath Carpet Building B Room 4

Photo 2: Asbestos Containing Floor Tile & Mastic Building B Room 10

Photo 3: Asbestos Containing Floor Tile & Mastic Building B Room 10

Photo 4: Asbestos Containing Pipe Insulation Building B Room 13

Photo 5: Asbestos Containing Pipe Insulation Building B Room 13

Photo 6: Asbestos Containing Sink Undercoat Building B Room 11

MARSHALL ENVIRONMENTAL MANAGEMENT
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Photo Album

PARKSIDE ELEMENTARY SCHOOL
502 E COLLEGE AVENUE
BLACKWELL, OK 74631

PREPARED BY: Jacob King

DATE: 09/03/2021

JOB NO: 0179-AB-080321-RB

Photo 7: Asbestos Containing Transit Panels Building A Room 16

Photo 8: Asbestos Containing Transite Flue Building A Room 16

Photo 9: Asbestos Containing Floor Tile & Mastic Under Carpet Building A Room 19

Photo 10: Asbestos Containing Floor Tile & Mastic Under Carpet Building A Room 18

Photo 11: Asbestos Containing Floor Tile & Mastic Under Carpet Building A Room 17

Photo 12: Asbestos Containing Window Glaze Building A South Side

MEM
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Photo Album

PARKSIDE ELEMENTARY SCHOOL
502 E COLLEGE AVENUE
BLACKWELL, OK 74631

PREPARED BY: Jacob King

DATE: 09/03/2021

JOB NO: 0179-AB-080321-RB

Photo 13: Asbestos Containing Floor Tile & Mastic Under Carpet Building C Room 20

Photo 14: Asbestos Containing Floor Tile & Mastic Under Carpet Building C Room 23

Photo 15: Asbestos Containing Floor Tile & Mastic Under Carpet Building C Room 24

Photo 16: Asbestos Containing Floor Tile Mastic Under 12x12 Floor Tile Building C Room 24

Photo 17: Asbestos Containing Floor Tile Mastic Under 12x12 Floor Tile Building C Room 26

Photo 18:

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

Leslie Osborn
Leslie Osborn
Labor Commissioner

License # : 401815

Expires : 03/10/2022

Issued : 03/18/2021

Not intended for identification purposes

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

PARKSIDE ELEMENTARY SCHOOL

502 E COLLEGE AVENUE
BLACKWELL, OK 74631

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
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PARKSIDE ELEMENTARY SCHOOL

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 1,500 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, within Building B of the Parkside Elementary School located at 502 E College 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:

September 10, 2021

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

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 one (1) work area. 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 1,500 linear feet of asbestos-containing Thermal System Insulation (TSI), on the domestic-water plumbing, located in Building B of the Parkside Elementary School.

EGRESS, EMERGENCY ESCAPE ROUTES & FIRE EXTINGUISHER PLACEMENT

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

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

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

DETAILS OF 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 been 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

MARSHALL ENVIRONMENTAL MANAGEMENT

EXAMPLE CONTAINMENT

PARKSIDE ELEMENTARY SCHOOL
502 E COLLEGE AVENUE
BLACKWELL, OK 74631

1
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
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 former Blackwell Parkside School

The Oklahoma Department of Environmental Quality (DEQ) is requesting a work plan and cost estimate for remediation services at the former Parkside Elementary School 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 502 E. College Ave, 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 60 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 1,500 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 in building A, rooms 15 & 16, the mechanical room in building D, and surrounding skylights throughout the buildings.
        - A total of 3,800 ft^2 shall be removed.
    - Remove and properly dispose of an asbestos-containing flue located in building A, room 16.
    - Remove and properly dispose of asbestos-containing window caulking located in building B, rooms 2, 3, and 13.
        - A total of 437 windows shall be removed.
        - Window openings from removed windows shall be replaced with plywood boards
- 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

May 3, 2024

Oklahoma Department of Environmental Quality (ODEQ)
Attention: Trenton Wihelm
707 N Robinson Ave.
Oklahoma City, OK 73102

RE: ASBESTOS ABATEMENT OVERSIGHT – PARKSIDE ELEMENTARY – 502 E. COLLEGE AVE. BLACKWELL, OK 74631

Dear Trenton Wilhelm:

During the period of March 11 through April 24, 2024, Marshall Environmental Management, Incorporated (MEM) oversaw the abatement (i.e., removal) and disposal of the Asbestos-Containing Materials (ACM) that were present within the Parkside Elementary (formerly), located at 502 East College Avenue in Blackwell, Oklahoma conducted by Tec-An, Inc. The following ACM was removed/disposed of in accordance with the Occupational Safety & Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1926.1101 and the Oklahoma Asbestos Control Act (OAC): Title 40 [sections 450-456] Abatement of friable asbestos materials rules: 380:50-1-1 - 380:50-29-1, by an Asbestos Abatement Contractor (Tec-An):

- Plumbing Insulation: ~ 1,500 Linear Feet
- Cement-Board Panels: ~3,800 Square Feet
- Cement-Board Flue: 1 Flue ~6 Feet
- Window Glaze: ~437 windows
- Sink Undercoat: 1 Sink

While abatement activities were in progress, air samples, representative of the abatement workers breathing zone and the immediate work areas (i.e., the tunnel under the school), were collected for the purpose of ensuring the effectiveness of the administrative and engineering controls being utilized. The samples were submitted and analyzed, for total-airborne fiber analysis, by a laboratory proficient with the American Industrial Hygiene Association (AIHA).

As such, all clearance airborne fiber concentrations were below the applicable Occupational Exposure Limits (OEL), which includes the OSHA permissible exposure limit (PEL) of 0.1 fibers per cubic centimeter (F/cm^3) and the Oklahoma Department of Labor (ODOL) PEL of 0.01 F/cm^3. In conclusion, the abatement activities and the determination of compliance were carried out in accordance with the Asbestos Abatement Project Design and the Project Scope-of-Work. The associated analytical data along with the daily logs, which detail daily activities, and photo album are included as an attachment to this report.

Thank you for allowing MEM the opportunity to be of service.
Sincerely,
Marshall Environmental Management, Incorporated

Jamie Marshall, MS, CIH
President

Attachments: Daily Logs & Analytical Data

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

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/12/24	PCM-01	F. Butler 403206	3	9:10	17:09	479.00	2.0	2.0	2.0	958.0	10	100	12.7389	0.0051	0.0010	0.0092	0.0051
0025	03/12/24	PCM-02	J. Glander 403356	22	9:10	17:09	479.00	2.0	2.0	2.0	958.0	5	100	6.3694	B.D.L.	0.0005	0.0046	0.0051
0025	03/12/24	PCM-03	Inside Area	23	9:00	17:12	492.00	2.0	2.0	2.0	984.0	5.5	100	7.0064	B.D.L.	0.0005	0.0050	0.0050
0025	03/12/24	PCM-04	Outside Area	21	8:42	17:15	513.00	2.0	2.0	2.0	1026.0	4.5	100	5.7325	B.D.L.	0.0004	0.0039	0.0048
0025	03/12/24	PCM-05	Field Blank									0	100					
0025	03/12/24	PCM-06	Lab Blank									0	100					

Jonathan Chavez		March 12, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep

Personal Protective Equipment

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

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Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/13/24	PCM-07	J. Semmion 403207	3	8:44	17:27	523.00	2.0	2.0	2.0	1046.0	10	100	12.7389	0.0047	0.0009	0.0085	0.0047
0025	03/13/24	PCM-08	D. Bowman 403463	22	8:44	17:27	523.00	2.0	2.0	2.0	1046.0	10	100	12.7389	0.0047	0.0009	0.0085	0.0047
0025	03/13/24	PCM-09	Inside Area	21	8:44	17:25	521.00	2.0	2.0	2.0	1042.0	11	100	14.0127	0.0052	0.0010	0.0094	0.0047
0025	03/13/24	PCM-10	Outside Area	39	8:30	17:32	542.00	2.0	2.0	2.0	1084.0	4.5	100	5.7325	B.D.L.	0.0004	0.0037	0.0045
0025	03/13/24	PCM-11	Field Blank									0	100					
0025	03/13/24	PCM-12	Lab Blank									0	100					

Jonathan Chavez		March 13, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep

Personal Protective Equipment

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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
0028	03/14/24	PCM-01	M. Haywood 402875	3	8:55	14:36	341.00	2.0	2.0	2.0	682.0	11	100	14.0127	0.0079	0.0015	0.0143	0.0072
0028	03/14/24	PCM-02	M. Haywood 403366	22	8:55	14:36	341.00	2.0	2.0	2.0	682.0	14.5	100	18.4713	0.0104	0.0020	0.0188	0.0072
0028	03/14/24	PCM-03	Inside Area	21	8:48	14:40	352.00	2.0	2.0	2.0	704.0	13.5	100	17.1975	0.0094	0.0018	0.0170	0.0070
0028	03/14/24	PCM-04	Outside Area	39	8:45	14:43	358.00	2.0	2.0	2.0	716.0	4	100	5.0955	B.D.L.	0.0005	0.0049	0.0068
0028	03/14/24	PCM-05	Field Blank									0	100					
0028	03/14/24	PCM-06	Laboratory Blank									0	100					

Sandy West	Sandy West	March 15, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep Work

Personal Protective Equipment

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Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/18/24	PCM-19	D. Bowman 403463	22	12:00	17:53	353.00	2.0	2.0	2.0	706.0	8.5	100	10.8280	B.D.L.	0.0011	0.0107	0.0069
0025	03/18/24	PCM-20	J. Glander 403356	41	12:00	17:53	353.00	2.0	2.0	2.0	706.0	10	100	12.7389	0.0069	0.0013	0.0125	0.0069
0025	03/18/24	PCM-21	Inside Area	14	11:37	17:56	379.00	2.0	2.0	2.0	758.0	9	100	11.4650	B.D.L.	0.0011	0.0105	0.0065
0025	03/18/24	PCM-22	Outside Area	21	11:38	17:57	379.00	2.0	2.0	2.0	758.0	5.5	100	7.0064	B.D.L.	0.0007	0.0064	0.0065
0025	03/18/24	PCM-23	Field Blank									0	100					
0025	03/18/24	PCM-24	Lab Blank									0	100					

Jonathan Chavez		March 18, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep

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Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/19/24	PCM-25	F. Butler 403206	41	8:37	17:23	526.00	2.0	2.0	2.0	1052.0	8.5	100	10.8280	B.D.L.	0.0008	0.0072	0.0047
0025	03/19/24	PCM-26	M. Haywood 402875	22	8:37	17:23	526.00	2.0	2.0	2.0	1052.0	11	100	14.0127	0.0051	0.0010	0.0093	0.0047
0025	03/19/24	PCM-27	Inside Area	21	8:35	17:20	525.00	2.0	2.0	2.0	1050.0	8	100	10.1911	B.D.L.	0.0007	0.0067	0.0047
0025	03/19/24	PCM-28	Outside Area	23	8:30	17:27	537.00	2.0	2.0	2.0	1074.0	5.5	100	7.0064	B.D.L.	0.0005	0.0045	0.0046
0025	03/19/24	PCM-29	Field Blank									0	100					
0025	03/19/24	PCM-30	Lab Blank									0	100					

Jonathan Chavez		March 19, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/20/24	PCM-31	M. Haywood 40336	22	8:55	17:40	525.00	2.0	2.0	2.0	1050.0	8.5	100	10.8280	B.D.L.	0.0008	0.0072	0.0047
0025	03/20/24	PCM-32	P. Rhodes 403467	41	8:55	17:43	528.00	2.0	2.0	2.0	1056.0	12.5	100	15.9236	0.0058	0.0011	0.0105	0.0046
0025	03/20/24	PCM-33	Inside Area	21	8:50	17:44	534.00	2.0	2.0	2.0	1068.0	12	100	15.2866	0.0055	0.0011	0.0100	0.0046
0025	03/20/24	PCM-34	Outside Area	4	8:45	17:48	543.00	2.0	2.0	2.0	1086.0	5	100	6.3694	B.D.L.	0.0004	0.0041	0.0045
0025	03/20/24	PCM-35	Field Blank									0	100					
0025	03/20/24	PCM-36	Lab Blank									0	100					

Jonathan Chavez		March 20, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Prep

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/25/24	PCM-31	J. Glander 403356	41	12:20	17:25	305.00	2.0	2.0	2.0	610.0	11	100	14.0127	0.0088	0.0017	0.0160	0.0080
0025	03/25/24	PCM-32	P. Rhodes 403467	22	12:20	17:25	305.00	2.0	2.0	2.0	610.0	14	100	17.8344	0.0113	0.0022	0.0203	0.0080
0025	03/25/24	PCM-33	Inside Area	21	12:20	17:25	305.00	2.0	2.0	2.0	610.0	15	100	19.1083	0.0121	0.0023	0.0218	0.0080
0025	03/25/24	PCM-34	Outside Area	3	11:28	17:28	360.00	2.0	2.0	2.0	720.0	5	100	6.3694	B.D.L.	0.0007	0.0062	0.0068
0025	03/25/24	PCM-35	Outside Clean Room	39	11:28	17:33	365.00	2.0	2.0	2.0	730.0	5	100	6.3694	B.D.L.	0.0007	0.0061	0.0067
0025	03/25/24	PCM-36	Dirty Room Negative Air	23	11:30	17:33	363.00	2.0	2.0	2.0	726.0	2.5	100	3.1847	B.D.L.	0.0003	0.0031	0.0068
0025	03/25/24	PCM-37	Load Out	4	14:00	17:20	200.00	2.0	2.0	2.0	400.0	2.5	100	3.1847	B.D.L.	0.0006	0.0055	0.0123
025	03/25/24	PCM-38	Field Blank									0	100					
0025	03/25/24	PCM-39	Lab Blank									0	100					

Jonathan Chavez		March 25, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
TSI

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/26/24	PCM-45	J. Semmions 403207	22	9:15	18:27	552.00	2.0	2.0	2.0	1104.0	17.5	100	22.2930	0.0078	0.0015	0.0140	0.0044
0025	03/26/24	PCM-46	F. Butler 403206	41	9:15	18:29	554.00	2.0	2.0	2.0	1108.0	22	100	28.0255	0.0097	0.0019	0.0176	0.0044
0025	03/26/24	PCM-47	Inside Area	23	9:15	18:29	554.00	2.0	2.0	2.0	1108.0	16	100	20.3822	0.0071	0.0014	0.0128	0.0044
0025	03/26/24	PCM-48	Outside Area	39	9:05	18:34	569.00	2.0	2.0	2.0	1138.0	9	100	11.4650	B.D.L.	0.0008	0.0070	0.0043
0025	03/26/24	PCM-49	Outside Clean Room	3	9:00	18:35	575.00	2.0	2.0	2.0	1150.0	3	100	3.8217	B.D.L.	0.0002	0.0023	0.0043
0025	03/26/24	PCM-50	Dirty Room Negative Air	4	9:00	18:35	575.00	2.0	2.0	2.0	1150.0	3.5	100	4.4586	B.D.L.	0.0003	0.0027	0.0043
0025	03/26/24	PCM-51	Load Out	21	9:10	18:17	547.00	2.0	2.0	2.0	1094.0	2.5	100	3.1847	B.D.L.	0.0002	0.0020	0.0045
025	03/26/24	PCM-52	Field Blank									0	100					
0025	03/26/24	PCM-53	Lab Blank									0	100					

Jonathan Chavez		March 26, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
TSI

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/27/24	PCM-54	D. Bowman 403463	41	9:17	18:42	565.00	2.0	2.0	2.0	1130.0	17.5	100	22.2930	0.0076	0.0015	0.0137	0.0043
0025	03/27/24	PCM-55	M. Haywood 402875	22	9:17	18:42	565.00	2.0	2.0	2.0	1130.0	18.5	100	23.5669	0.0080	0.0016	0.0145	0.0043
0025	03/27/24	PCM-56	Inside Area	23	9:14	18:42	568.00	2.0	2.0	2.0	1136.0	17.5	100	22.2930	0.0076	0.0015	0.0136	0.0043
0025	03/27/24	PCM-57	Outside Area	39	9:00	18:45	585.00	2.0	2.0	2.0	1170.0	6	100	7.6433	B.D.L.	0.0005	0.0045	0.0042
0025	03/27/24	PCM-58	Outside Clean Room	4	8:57	18:45	588.00	2.0	2.0	2.0	1176.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0042
0025	03/27/24	PCM-59	Dirty Room Negative Air	21	8:57	18:45	588.00	2.0	2.0	2.0	1176.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0042
0025	03/27/24	PCM-60	Load Out	14	9:20	18:30	550.00	2.0	2.0	2.0	1100.0	2.5	100	3.1847	B.D.L.	0.0002	0.0020	0.0045
025	03/27/24	PCM-61	Field Blank									0	100					
0025	03/27/24	PCM-62	Lab Blank									0	100					

Jonathan Chavez		March 27, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
TSI

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/28/24	PCM-63	J. Glander 403356	41	8:45	17:17	512.00	2.0	2.0	2.0	1024.0	7	100	8.9172	B.D.L.	0.0007	0.0061	0.0048
0025	03/28/24	PCM-64	F. Butler 403206	22	8:45	17:20	515.00	2.0	2.0	2.0	1030.0	9	100	11.4650	B.D.L.	0.0008	0.0077	0.0048
0025	03/28/24	PCM-65	Inside Area	39	8:45	17:17	512.00	2.0	2.0	2.0	1024.0	7	100	8.9172	B.D.L.	0.0007	0.0061	0.0048
0025	03/28/24	PCM-66	Outside Area	23	8:30	17:23	533.00	2.0	2.0	2.0	1066.0	1	100	1.2739	B.D.L.	0.0001	0.0008	0.0046
0025	03/28/24	PCM-67	Outside Clean Room	21	8:31	17:23	532.00	2.0	2.0	2.0	1064.0	2	100	2.5478	B.D.L.	0.0002	0.0017	0.0046
0025	03/28/24	PCM-68	Dirty Room Negative Air	14	8:31	17:23	532.00	2.0	2.0	2.0	1064.0	1	100	1.2739	B.D.L.	0.0001	0.0008	0.0046
0025	03/28/24	PCM-69	Load Out	4	8:35	17:16	521.00	2.0	2.0	2.0	1042.0	2	100	2.5478	B.D.L.	0.0002	0.0017	0.0047
025	03/28/24	PCM-70	Field Blank									0	100					
0025	03/28/24	PCM-71	Lab Blank									0	100					

Sandy West	Sandy West	March 29, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
TSI

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	03/28/24	PCM-72	Clearance North	HV 1	17:45	19:45	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0025	03/28/24	PCM-73	Clearance East	HV 2	17:45	19:45	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0025	03/28/24	PCM-74	Clearance South	HV 3	17:45	19:45	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	03/28/24	PCM-75	Clearance West	HV 4	17:45	19:45	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0025	03/28/24	PCM-76	Clearance Center	HV 5	17:45	19:45	120.00	10.0	10.0	10.0	1200.0	7	100	8.9172	B.D.L.	0.0006	0.0052	0.0041
0025	03/28/24	PCM-77	BLANK									0	100					

Sandy West	Sandy West	March 29, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/02/24	PCM-78	J. Semmion 403207	23	8:47	17:08	501.00	2.0	2.0	2.0	1002.0	27	100	34.3949	0.0132	0.0026	0.0239	0.0049
0025	04/02/24	PCM-79	D. Bowman 403463	22	8:47	17:08	501.00	2.0	2.0	2.0	1002.0	29.5	100	37.5796	0.0144	0.0028	0.0261	0.0049
0025	04/02/24	PCM-80	Inside Area	21	8:47	17:08	501.00	2.0	2.0	2.0	1002.0	15	100	19.1083	0.0073	0.0014	0.0133	0.0049
0025	04/02/24	PCM-81	Outside Area	14	8:45	17:08	503.00	2.0	2.0	2.0	1006.0	7.5	100	9.5541	B.D.L.	0.0007	0.0066	0.0049
0025	04/02/24	PCM-82	Field Blank									0	100					
0025	04/02/24	PCM-83	Lab Blank									0	100					

Jonathan Chavez		April 2, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Transite

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/03/24	PCM-84	F. Butler 403206	21	8:50	17:18	508.00	2.0	2.0	2.0	1016.0	48	100	61.1465	0.0232	0.0045	0.0418	0.0048
0025	04/03/24	PCM-85	M. Haywood 403366	23	8:50	17:18	508.00	2.0	2.0	2.0	1016.0	46.5	100	59.2357	0.0224	0.0044	0.0405	0.0048
0025	04/03/24	PCM-86	Inside Area	4	8:50	17:18	508.00	2.0	2.0	2.0	1016.0	38	100	48.4076	0.0183	0.0036	0.0331	0.0048
0025	04/03/24	PCM-87	Outside Area	39	8:47	17:22	515.00	2.0	2.0	2.0	1030.0	19.5	100	24.8408	0.0093	0.0018	0.0168	0.0048
0025	04/03/24	PCM-88	Field Blank									0	100					
0025	04/03/24	PCM-89	Lab Blank									0	100					

Jonathan Chavez		April 3, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Transite

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/04/24	PCM-90	P. Rhodes 403467	22	8:40	15:34	414.00	2.0	2.0	2.0	828.0	48.5	100	61.7834	0.0287	0.0056	0.0519	0.0059
0025	04/04/24	PCM-91	J. Glander 403356	23	8:40	15:34	414.00	2.0	2.0	2.0	828.0	51.5	100	65.6051	0.0305	0.0059	0.0551	0.0059
0025	04/04/24	PCM-92	Inside Area	4	8:40	15:36	416.00	2.0	2.0	2.0	832.0	45	100	57.3248	0.0265	0.0051	0.0479	0.0059
0025	04/04/24	PCM-93	Outside Area	21	8:37	15:40	423.00	2.0	2.0	2.0	846.0	34	100	43.3121	0.0197	0.0038	0.0356	0.0058
0025	04/04/24	PCM-94	Field Blank									0	100					
0025	04/04/24	PCM-95	Lab Blank									0	100					

Sandy West	Sandy West	April 4, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Transite

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/08/24	PCM-96	J. Semmions 403207	23	12:15	17:33	318.00	2.0	2.0	2.0	636.0	34.5	100	43.9490	0.0266	0.0052	0.0480	0.0077
0025	04/08/24	PCM-97	F. Butler 403206	22	12:15	17:33	318.00	2.0	2.0	2.0	636.0	44.5	100	56.6879	0.0343	0.0067	0.0620	0.0077
0025	04/08/24	PCM-98	Inside Area	4	12:15	17:33	318.00	2.0	2.0	2.0	636.0	37.5	100	47.7707	0.0289	0.0056	0.0522	0.0077
0025	04/08/24	PCM-99	Outside Area	14	12:00	17:35	335.00	2.0	2.0	2.0	670.0	15	100	19.1083	0.0110	0.0021	0.0198	0.0073
0025	04/08/24	PCM-100	Field Blank									0	100					
0025	04/08/24	PCM-101	Lab Blank									0	100					

Jonathan Chavez		April 8, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Transite

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
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Phone: 405.616.0401 | Fax: 405.681.6753
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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/09/24	PCM-109	D. Bowman 403463	3	8:42	12:10	208.00	2.0	2.0	2.0	416.0	35	100	44.5860	0.0413	0.0080	0.0745	0.0118
0025	04/09/24	PCM-110	F. Butler 403206	21	8:42	12:10	208.00	2.0	2.0	2.0	416.0	47	100	59.8726	0.0554	0.0107	0.1001	0.0118
0025	04/09/24	PCM-111	Inside Area	23	8:42	12:10	208.00	2.0	2.0	2.0	416.0	44.5	100	56.6879	0.0525	0.0102	0.0948	0.0118
0025	04/09/24	PCM-112	Outside Area	22	8:38	12:13	215.00	2.0	2.0	2.0	430.0	11.5	100	14.6497	0.0131	0.0025	0.0237	0.0114
0025	04/09/24	PCM-113	Field Blank									0	100					
0025	04/09/24	PCM-114	Lab Blank									0	100					

Jonathan Chavez		April 9, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Transite

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/09/24	PCM-102	Clearance North	HV 1	9:40	11:40	120.00	10.0	10.0	10.0	1200.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0041
0025	04/09/24	PCM-103	Clearance East	HV 2	9:40	11:40	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/09/24	PCM-104	Clearance South	HV 3	9:40	11:40	120.00	10.0	10.0	10.0	1200.0	3	100	3.8217	B.D.L.	0.0002	0.0022	0.0041
0025	04/09/24	PCM-105	Clearance West	HV 4	9:40	11:40	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/09/24	PCM-106	Clearance Center	HV 5	9:40	11:40	120.00	10.0	10.0	10.0	1200.0	5.5	100	7.0064	B.D.L.	0.0004	0.0041	0.0041
0025	04/09/24	PCM-107	Field Blank									0	100					
0025	04/09/24	PCM-108	Lab Blank									0	100					

Jonathan Chavez		April 9, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES
North Boiler Room

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/09/24	PCM-115	M. Haywood 402875	41	8:48	17:03	495.00	2.0	2.0	2.0	990.0	9.5	100	12.1019	B.D.L.	0.0009	0.0085	0.0050
0025	04/09/24	PCM-116	P. Rhodes 403467	4	8:48	17:03	495.00	2.0	2.0	2.0	990.0	12	100	15.2866	0.0059	0.0012	0.0107	0.0050
0025	04/09/24	PCM-117	Inside Area	14	8:50	17:08	498.00	2.0	2.0	2.0	996.0	2	100	2.5478	B.D.L.	0.0002	0.0018	0.0049
0025	04/09/24	PCM-118	Outside Area	39	8:50	17:05	495.00	2.0	2.0	2.0	990.0	7	100	8.9172	B.D.L.	0.0007	0.0063	0.0050
0025	04/09/24	PCM-119	Field Blank									0	100					
0025	04/09/24	PCM-120	Lab Blank									0	100					

Jonathan Chavez		April 9, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/10/24	PCM-127	J. Glander 403356	41	8:45	17:15	510.00	2.0	2.0	2.0	1020.0	12	100	15.2866	0.0058	0.0011	0.0104	0.0048
0025	04/10/24	PCM-128	M. Haywood 403366	39	8:45	17:15	510.00	2.0	2.0	2.0	1020.0	9.5	100	12.1019	B.D.L.	0.0009	0.0082	0.0048
0025	04/10/24	PCM-129	Up Wind	23	8:43	17:16	513.00	2.0	2.0	2.0	1026.0	6.5	100	8.2803	B.D.L.	0.0006	0.0056	0.0048
0025	04/10/24	PCM-130	Down Wind	14	8:40	17:18	518.00	2.0	2.0	2.0	1036.0	4.5	100	5.7325	B.D.L.	0.0004	0.0038	0.0047
0025	04/10/24	PCM-131	Load Out	22	11:45	17:12	327.00	2.0	2.0	2.0	654.0	3	100	3.8217	B.D.L.	0.0004	0.0041	0.0075
0025	04/10/24	PCM-132	Field Blank									0	100					
0025	04/10/24	PCM-133	Lab Blank									0	100					

Jonathan Chavez		April 10, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/10/24	PCM-121	Clearance North	HV 1	9:20	11:20	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/10/24	PCM-122	Clearance East	HV 2	9:20	11:20	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/10/24	PCM-123	Clearance South	HV 3	9:20	11:20	120.00	10.0	10.0	10.0	1200.0	6.5	100	8.2803	B.D.L.	0.0005	0.0048	0.0041
0025	04/10/24	PCM-124	Clearance West	HV 4	9:20	11:20	120.00	10.0	10.0	10.0	1200.0	4.5	100	5.7325	B.D.L.	0.0004	0.0033	0.0041
0025	04/10/24	PCM-125	Clearance Center	HV 5	9:20	11:20	120.00	10.0	10.0	10.0	1200.0	4.5	100	5.7325	B.D.L.	0.0004	0.0033	0.0041
0025	04/10/24	PCM-126	BLANK									0	100					
												0	100					

Jonathan Chavez		April 10, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES
Transit
South Mechanical Room

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/11/24	PCM-134	J. Semmions 403207	22	8:38	17:41	543.00	2.0	2.0	2.0	1086.0	23	100	29.2994	0.0104	0.0020	0.0188	0.0045
0025	04/11/24	PCM-135	P. Rhodes 403467	23	8:38	17:41	543.00	2.0	2.0	2.0	1086.0	20.5	100	26.1146	0.0093	0.0018	0.0167	0.0045
0025	04/11/24	PCM-136	Up Wind	41	8:40	17:47	547.00	2.0	2.0	2.0	1094.0	17.5	100	22.2930	0.0078	0.0015	0.0142	0.0045
0025	04/11/24	PCM-137	Down Wind	39	8:43	17:44	541.00	2.0	2.0	2.0	1082.0	11	100	14.0127	0.0050	0.0010	0.0090	0.0045
0025	04/11/24	PCM-138	Load Out	14	9:07	17:39	512.00	2.0	2.0	2.0	1024.0	12	100	15.2866	0.0057	0.0011	0.0104	0.0048
0025	04/11/24	PCM-139	Field Blank									0	100					
0025	04/11/24	PCM-140	Lab Blank									0	100					

Sandy West	Sandy West	April 12, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/15/24	PCM-141	M. Haywood 402875	1	11:25	15:25	240.00	2.0	2.0	2.0	480.0	12	100	15.2866	0.0123	0.0024	0.0221	0.0102
0025	04/15/24	PCM-142	P. Rhodes 403467	2	11:25	17:25	360.00	2.0	2.0	2.0	720.0	14	100	17.8344	0.0095	0.0018	0.0172	0.0068
0025	04/15/24	PCM-143	Upwind	3	11:25	17:26	361.00	2.0	2.0	2.0	722.0	9	100	11.4650	B.D.L.	0.0012	0.0110	0.0068
0025	04/15/24	PCM-144	Downwind	4	11:25	15:25	240.00	2.0	2.0	2.0	480.0	8	100	10.1911	B.D.L.	0.0016	0.0148	0.0102
0025	04/15/24	PCM-145	Field Blank									0	100					
0025	04/15/24	PCM-146	Lab Blank									0	100					

Sandy West	Sandy West	April 16, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/16/24	PCM-147	M. Haywood 402875	1	7:45	17:26	581.00	2.0	2.0	2.0	1162.0	7	100	8.9172	B.D.L.	0.0006	0.0053	0.0042
0025	04/16/24	PCM-148	P. Rhodes 403467	2	7:46	17:26	580.00	2.0	2.0	2.0	1160.0	5	100	6.3694	B.D.L.	0.0004	0.0038	0.0042
0025	04/16/24	PCM-149	Upwind	3	7:46	17:25	579.00	2.0	2.0	2.0	1158.0	4	100	5.0955	B.D.L.	0.0003	0.0031	0.0042
0025	04/16/24	PCM-150	Downwind	4	7:46	17:25	579.00	2.0	2.0	2.0	1158.0	5	100	6.3694	B.D.L.	0.0004	0.0038	0.0042
0025	04/16/24	PCM-151	Field Blank									0	100					
0025	04/16/24	PCM-152	Lab Blank									0	100					

Sandy West	Sandy West	April 17, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/17/24	PCM-153	M. Haywood 402875	22	7:46	17:17	571.00	2.0	2.0	2.0	1142.0	11	100	14.0127	0.0047	0.0009	0.0085	0.0043
0025	04/17/24	PCM-154	J. Semmions 403207	23	7:46	17:15	569.00	2.0	2.0	2.0	1138.0	12	100	15.2866	0.0052	0.0010	0.0093	0.0043
0025	04/17/24	PCM-155	Up Wind	41	7:45	17:16	571.00	2.0	2.0	2.0	1142.0	9	100	11.4650	B.D.L.	0.0007	0.0070	0.0043
0025	04/17/24	PCM-156	Down Wind	39	7:45	17:17	572.00	2.0	2.0	2.0	1144.0	5	100	6.3694	B.D.L.	0.0004	0.0039	0.0043
0025	04/17/24	PCM-157	Load Out	14	7:45	17:16	571.00	2.0	2.0	2.0	1142.0	8	100	10.1911	B.D.L.	0.0007	0.0062	0.0043
0025	04/17/24	PCM-158	Field Blank									0	100					
0025	04/17/24	PCM-159	Lab Blank									0	100					

Sandy West	Sandy West	April 18, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/18/24	PCM-160	M. Haywood 402875	1	7:42	14:41	419.00	2.0	2.0	2.0	838.0	6	100	7.6433	B.D.L.	0.0007	0.0063	0.0059
0025	04/18/24	PCM-161	J. Semmions 403207	2	7:42	14:41	419.00	2.0	2.0	2.0	838.0	7	100	8.9172	B.D.L.	0.0008	0.0074	0.0059
0025	04/18/24	PCM-162	Up Wind	3	7:42	14:40	418.00	2.0	2.0	2.0	836.0	6	100	7.6433	B.D.L.	0.0007	0.0064	0.0059
0025	04/18/24	PCM-163	Down Wind	4	7:43	14:41	418.00	2.0	2.0	2.0	836.0	4	100	5.0955	B.D.L.	0.0005	0.0042	0.0059
0025	04/18/24	PCM-164	Load Out	5	7:43	14:40	417.00	2.0	2.0	2.0	834.0	5	100	6.3694	B.D.L.	0.0006	0.0053	0.0059
0025	04/18/24	PCM-165	Field Blank									0	100					
0025	04/18/24	PCM-166	Lab Blank									0	100					

Sandy West	Sandy West	April 19, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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Phone: 405.616.0401 | Fax: 405.681.6753
mem@marshallenvironmental.com

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/18/24	PCM-167	Clearance North	HV 1	11:02	13:02	120.00	10.0	10.0	10.0	1200.0	2	100	2.5478	B.D.L.	0.0002	0.0015	0.0041
0025	04/18/24	PCM-168	Clearance East	HV 2	11:02	13:02	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0025	04/18/24	PCM-169	Clearance Center	HV 3	11:03	13:03	120.00	10.0	10.0	10.0	1200.0	2	100	2.5478	B.D.L.	0.0002	0.0015	0.0041
0025	04/18/24	PCM-170	Clearance South	HV 4	11:03	13:03	120.00	10.0	10.0	10.0	1200.0	2	100	2.5478	B.D.L.	0.0002	0.0015	0.0041
0025	04/18/24	PCM-171	Clearance West	HV 5	11:04	13:04	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0025	04/18/24	PCM-172	BLANK									0	100					
												0	100					

Sandy West	Sandy West	April 19, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

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

CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/22/24	PCM-173	P. Rhodes 403467	38	11:14	17:24	370.00	2.0	2.0	2.0	740.0	11	100	14.0127	0.0073	0.0014	0.0132	0.0066
0025	04/22/24	PCM-174	J. Semmions 403207	41	11:14	17:24	370.00	2.0	2.0	2.0	740.0	23.5	100	29.9363	0.0156	0.0030	0.0281	0.0066
0025	04/22/24	PCM-175	Up Wind	39	11:00	17:28	388.00	2.0	2.0	2.0	776.0	3	100	3.8217	B.D.L.	0.0004	0.0034	0.0063
0025	04/22/24	PCM-176	Down Wind	22	11:04	17:26	382.00	2.0	2.0	2.0	764.0	8	100	10.1911	B.D.L.	0.0010	0.0093	0.0064
0025	04/22/24	PCM-177	Load Out	9	11:10	17:20	370.00	2.0	2.0	2.0	740.0	2	100	2.5478	B.D.L.	0.0003	0.0024	0.0066
0025	04/22/24	PCM-178	Field Blank									0	100					
0025	04/22/24	PCM-179	Lab Blank									0	100					

Sandy West	Sandy West	April 23, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Armando Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
1301 N Martin Luther King Avenue
Oklahoma City, OK 73117
Phone: 405.616.0401 | Fax: 405.681.6753
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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/23/24	PCM-180	M. Haywood 403366	38	8:30	17:20	530.00	2.0	2.0	2.0	1060.0	12	100	15.2866	0.0056	0.0011	0.0100	0.0046
0025	04/23/24	PCM-181	J. Glander 403356	41	8:30	17:20	530.00	2.0	2.0	2.0	1060.0	10	100	12.7389	0.0046	0.0009	0.0084	0.0046
0025	04/23/24	PCM-182	Upwind	9	8:24	17:25	541.00	2.0	2.0	2.0	1082.0	5	100	6.3694	B.D.L.	0.0004	0.0041	0.0045
0025	04/23/24	PCM-183	Downwind	39	8:26	17:23	537.00	2.0	2.0	2.0	1074.0	6	100	7.6433	B.D.L.	0.0005	0.0049	0.0046
0025	04/23/24	PCM-184	Load Out	22	8:28	17:18	530.00	2.0	2.0	2.0	1060.0	7	100	8.9172	B.D.L.	0.0006	0.0058	0.0046
0025	04/23/24	PCM-185	Field Blank									0	100					
0025	04/23/24	PCM-186	Lab Blank									0	100					

Sandy West	Sandy West	April 24, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/23/24	PCM-187	Clearance - North	HV 1	9:30	11:30	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/23/24	PCM-188	Clearance - East	HV 2	9:30	11:30	120.00	10.0	10.0	10.0	1200.0	7	100	8.9172	B.D.L.	0.0006	0.0052	0.0041
0025	04/23/24	PCM-189	Clearance - South	HV 3	9:30	11:30	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/23/24	PCM-190	Clearance - West	HV 4	9:30	11:30	120.00	10.0	10.0	10.0	1200.0	5	100	6.3694	B.D.L.	0.0004	0.0037	0.0041
0025	04/23/24	PCM-191	Clearance - Center	HV 5	9:30	11:30	120.00	10.0	10.0	10.0	1200.0	6	100	7.6433	B.D.L.	0.0005	0.0044	0.0041
0025	04/23/24	PCM-192	BLANK									0	100					
												0	100					

Sandy West	Sandy West	April 24, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/24/24	PCM-193	M. Wilson 403286	25	9:00	13:43	283.00	2.0	2.0	2.0	566.0	8	100	10.1911	B.D.L.	0.0013	0.0125	0.0087
0025	04/24/24	PCM-194	M. Haywood 402875	38	9:00	13:43	283.00	2.0	2.0	2.0	566.0	6	100	7.6433	B.D.L.	0.0010	0.0094	0.0087
0025	04/24/24	PCM-195	Upwind	39	8:50	13:42	292.00	2.0	2.0	2.0	584.0	4	100	5.0955	B.D.L.	0.0007	0.0061	0.0084
0025	04/24/24	PCM-196	Downwind	41	8:50	13:45	295.00	2.0	2.0	2.0	590.0	3	100	3.8217	B.D.L.	0.0005	0.0045	0.0083
0025	04/24/24	PCM-197	Load Out	9	8:55	13:47	292.00	2.0	2.0	2.0	584.0	5	100	6.3694	B.D.L.	0.0008	0.0076	0.0084
0025	04/24/24	PCM-198	Field Blank									0	100					
0025	04/24/24	PCM-199	Lab Blank									0	100					

Sandy West	Sandy West	April 25, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
Window Glaze

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT, INC.
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CERTIFICATE OF ANALYSIS

PROJECT INFORMATION		REPORT TO		INVOICE TO	
Project ID. #	0214-AB-121823-JC	**Client**		**Client**	
Project Name	Parkside Elementary School	**Attention**		**Attention**	
Project Address	502 E. College Ave. Blackwell, OK 74631	**Address**		**Address**	
Site Contact	Grayson Cook - Project Manager	**Phone #**		**Phone #**	
Phone #	405-681-7076	**Fax #**		**Fax #**	
Cell #		**Cell #**		**Cell #**	
email	grayson@tec-an.com	**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
0025	04/24/24	PCM-200	Clearance - North	HV 1	14:10	16:10	120.00	10.0	10.0	10.0	1200.0	3	100	3.8217	B.D.L.	0.0002	0.0022	0.0041
0025	04/24/24	PCM-201	Clearance - East	HV 2	14:10	16:10	120.00	10.0	10.0	10.0	1200.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0041
0025	04/24/24	PCM-202	Clearance - South	HV 3	14:10	16:10	120.00	10.0	10.0	10.0	1200.0	4	100	5.0955	B.D.L.	0.0003	0.0030	0.0041
0025	04/24/24	PCM-203	Clearance - West	HV 4	14:10	16:10	120.00	10.0	10.0	10.0	1200.0	3	100	3.8217	B.D.L.	0.0002	0.0022	0.0041
0025	04/24/24	PCM-204	Clearance - Center	HV 5	14:10	16:10	120.00	10.0	10.0	10.0	1200.0	1	100	1.2739	B.D.L.	0.0001	0.0007	0.0041
0025	04/24/24	PCM-205	BLANK									0	100					
												0	100					

Sandy West	Sandy West	April 25, 2024
Analyst Name (Print)	Analyst Signature	Date Analyzed

Jonathan Chavez
Samples Collected By (Print)

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

B.D.L.	Below Detection Limit
L.C.L.	Lower Confidence Limit
U.C.L.	Upper Confidence Limit
F/cc	Fibers per Cubic Centimeter
F/mm^2	Fibers per Millimeter Squared

Present Activity:
CLEARANCES

Personal Protective Equipment

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 6214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/11/24

Contractor Tec-An Type of Work Activity TSI Abatement

Daily Log	
Time	
1200	Arrived at the job site
1210	Walked around the work area
13:15	Break for lunch
14:15	Back from lunch / Safety meeting
14:30	Set up to start prep
15:00	Working on getting electricity on
15:45	Start setting up lights in tunnels
17:30	End of the day clean up
18:00	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nebine	400226
Worker Name	**License/ID #**
Dandre Bowman	403463
Frederick Butler	403206
Jayshawn Glander	405356
Julius Semmions	403207
Michael Haywood	402875
Michelle Haywood	403366

Field Notes

* Found 15 ~~[illegible]~~ sky lights with transit panels. 2x3.5 Estamited 400 sq ft added.
* Started setting lights on South building going west to east

Industrial Hygienist's Signature

03/11/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-V/Parkside Elementary School Location 502 E. College Ave Blackwell OK 74631 Date 03/12/24

Contractor Tec-An Type of Work Activity Prep for TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0820	Safety meeting
0845	Start setting up pumps
0900	Tec-An continue with setting up lights in the tunnels and setting drop sheets
1030	Stop for water break
1230	Break for lunch
1330	Back from lunch / Tec-An start opening air ways in tunnels
1500	Tec-An take water break
1530	Prep TSI above tunnels
1700	Start collecting daily pump and end of the day clean up
1730	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Frederick Butler	403206
P2 Jayshawn Glander	403356
Dandre Bowman	403463
Julios Semmions	403207
Michael Haywood	402875
Michelle Haywood	403366

Field Notes

Industrial Hygienist's Signature 03/12/24 Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JL/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/13/24

Contractor Tec-An Type of Work Activity 3PAM / oversite

Daily Log	
Time	
0800	Arrived at the job site
0820	Safety meeting
0840	Set up daily pumps / Tec-An continue with making openings in tunnels and working on glove bags
1030	Stop for water break / continue with glove bags
1230	Break for lunch
1330	Back from lunch / clean up hole around tunnels
1530	Stop for water break
1545	Start wrapping pipes in tunnels
1720	Start collecting daily pumps
1730	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Julius Semmion	403207
P2 Dandre Bowman	403463
Michael Haywood	402875
Michelle Haywood	403366
Frederick Butler	403206
Jayshawn Glander	403356

Field Notes

Industrial Hygienist's Signature

03/13/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/14/24

Contractor Tec-An Type of Work Activity 3PAM/oversite - Prep

Daily Log	
Time	
0800	Arrived at the job site
0820	Safety meeting
0840	Start setting up daily pumps / Tec-An set up their electricity
0900	Tec-An continue with glove bags under tunnel area
1130	Tec-An take water break
1160	Tec-An continue with prepping glove bags
1440	Start collecting daily pumps
1500	Tec-An Start end of the day clean up
1548	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Wubine	400826
Worker Name	**License/ID #**
P1 Michael Haywood	402875
P2 Michelle Haywood	403366
Frederick Butler	403206
Jayshawn Glander	403356
Julius Semmion	403207
Dandre Bowman	403463

Field Notes

Industrial Hygienist's Signature

03/14/24

Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC / Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/18/24

Contractor Tec-An Type of Work Activity TSI Prep

Daily Log	
Time	
1030	Arrived at the job site
1100	Tec-An arrived and start setting up for prep / Safety meeting
1145	Set up daily pumps for prep
1200	Tec-An continue with prep on pipes in tunnel
1230	Tec-An demo plywood for work area / Clean up loose debris
1300	Check on pumps
1500	Tec-An take water break
1530	Tec-An continue with prep
1750	Collected daily pumps
1830	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Pandre Bowman	403463
P2 Jayshaun Glander	403356
Patrick Rhodes	403469
Fredrick Butler	403206
Julius Simmions	403207
Michelle Haywood	403366
Michael Haywood	402875

Field Notes

Industrial Hygienist's Signature Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversight Daily Log

Project ID 0214-AB-121823-X / Parkside Elementry School Location 502 E. College Ave Blackwell, OK 74631 Date 03/19/24

Contractor Tec-An Type of Work Activity Prep for TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0815	Safety meeting / calibrated pumps
0830	Tec-An start setting up electricity
0845	Set daily pumps
[redacted]	
0900	Tec-An contine prepping the pipe line in tunnel
0930	Tec-An start cleaning area where pop-ups
	will be placed
1030	Tec-An take water break
1100	Continue with prepping pipe lines
1230	Break for lunch
1330	Back from lunch / Start placing pop-up &
	Continue with pipe line prep
1530	Tec-An take water break
1545	Continue with prep
1720	Start collecting daily pumps
1750	Left the job site

	Contractor/Supervisor	License/ID #
	Kenneth Nubine	400826
	Worker Name	**License/ID #**
P1	Frederick Butler	403206
P2	Michael Haywood	402875
	Patrick Rhodes	403467
	Solies Semmons	403207
	Michelle Haywood	403366
	Dandre Bowman	403463
	Jayshawn Glander	403356

Field Notes

Industrial Hygienist's Signature 03/19/24 Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-SC / Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/20/24

Contractor Tec-An Type of Work Activity Prep for TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0815	Safety meeting / Calibrated pumps
0830	Tec-An set up electricity
0845	Set up daily pumps / Tec-An work on prepping pipes in tunnels
1100	Tec-An take water break
1130	Tec-An continue with prep
1300	Break for lunch
1400	Back from lunch / continue with prep
1630	Check on air pumps & work areas
1740	Collect daily pumps
1800	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Patrick Rhodes	403467
P2 Michelle Haywood	403366
Frederick Butler	403206
Sylius Semmions	403207
Pandre Bowman	403463
Sashawn Glander	403356
Michael Haywood	402875

Field Notes

Industrial Hygienist's Signature 03/20/24 Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/21/24

Contractor Tec-An Type of Work Activity Prep for TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0810	Safety meeting
0815	Continue with prep
1000	Tec-An take water break
1015	Start checking all areas for prep inspection
1100	Finishing pop-ups for tunnels
1330	ODOL inspector arrived for prep inspection
1430	Tec-An start end of day clean up
1500	Left the job site

Industrial Hygienist's Signature

03/21/24
Date/Time

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
Patrick Rhodes	403467
Frederick Butler	403206
Julius Sammions	403207
Michelle Haywood	403366
Dandre Bowman	403463
Sayshawn Calender	403356
Michael Haywood	402875

Field Notes

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/25/24

Contractor Tec-An Type of Work Activity Cut & wrap pipe insolation

Daily Log	
Time	
1030	Arrived at the job site
1045	Tec-An arrived at the job site
1100	Tec-An start setting up electricity.
1130	Set up daily pomps
1200	Tec-An start with abatement
1400	Set up level out pump
1500	Tec-An take water break
1520	Tec-An continue with abatement
1730	Start collecting daily pomps
1800	Left the job site

Industrial Hygienist's Signature 03/25/24 Date/Time

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Jayshawn Orlander	403356
P2 Patrick Rhodes	403467
Frederick Butler	403206
Julius Semmions	403207
Michelle Haywood	403366
Dandre Bowman	403463
Michael Haywood	462875

Field Notes

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/26/24

Contractor Tec-An Type of Work Activity Abatement of pipe insulation

Daily Log	
Time	
0800	Arrived at the job site
0920	Tec-An arrived / Safety meet / Calibrated pumps
0835	Tec-An start setting up electricity
900	Set up daily pumps
915	Tec-An start abatement of TSI in tunnel
1100	Tec-An takes water break
1130	Tec-An continue with TSI abatement
1230	Break for lunch
1330	Back from lunch / Continue with TSI abatement
1530	Tec-An take water break
1600	Continue with TSI abatement
1820	Start collecting daily pumps
1845	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Julius Semmons	403207
P2 Frederick Butler	403206
Michael Haywood	402875
Dandre Bowman	403463
Michelle Haywood	403366
Patrick Rhodes	403467
Jayshawn Glander	403356

Field Notes

Industrial Hygienist's Signature

03/26/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JG/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 03/27/24

Contractor Tec-An Type of Work Activity TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0810	Tec-An arrived / Safety meeting
0825	Tec-An start setting up electricity
0845	Calibrated daily pumps & set them up
0915	Tec An start TSI abatement
1100	Tec An stop for water break
1120	Tec-An continue with TSI abatement
1300	Break for lunch
1400	Back from lunch / continue with TSI abatement
1615	Tec-An take water break
1640	Tec-An continue with TSI abatement
1830	Start collecting daily pumps
1830	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Dandre Bowman	403463
P2 Michael Haywood	462875
Patrick Rhodes	403467
Julius Semmions	403257
Frederick Butler	403206
Michelle Haywood	403366
Jayshawn Glander	403356

Field Notes

Industrial Hygienist's Signature

03/27/24

Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-SC/Parkside Elementary School Location 562 E College Ave Blackwell, OK 74631 Date 03/28/24

Contractor Tec-An Type of Work Activity TSI Abatement

Daily Log	
Time	
0800	Arrived at the job site
0810	Safety meeting / calibrated pumps
0830	Start setting up pumps
0845	Tec-An continue with TSI abatement
1030	Walked around the work area & check on pumps
1200	Break for lunch
1300	Tec-An continue with TSI abatement
1445	Tec-An takes water break
1500	Tec-An continues with TSI abatement
1715	Start collecting daily pumps
1745	Started clearances
1945	Stopped and collected clearances
2000	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Wubine	400826
Worker Name	**License/ID #**
P1 Jayshawn Glander	403356
P2 Frederick Butler	403206
Julius Semmions	403207
Michael Haywood	402875
Dandre Bowman	403463
Michelle Haywood	403366
Patrick Rhodes	403469

Field Notes

Industrial Hygienist's Signature

03/28/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121923-JC/Parkside Elementary School Location 502 E College Ave Blackwell, OK 74631 Date 04/01/24

Contractor Tec-An Type of Work Activity Transit Removal

Daily Log	
Time	
1000	Arrived at the job site
1030	Tec-An arrived at the job site
1040	Tec-An set up electricity for lights
1330	ODOL inspector arrived - Passed inspection
1436	Tec-An works on tear down and removing lights from tunnels
1645	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
Michael Haywood	402875
Jayshawn Glander	403356
Dandre Bowman	403463
Michelle Haywood	403366
Julius Semmions	403207
Frederick Butler	403206
Patrick Rhodes	403467

Field Notes

Industrial Hygienist's Signature

04/01/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-X/Parkside Elementary School Location 502 E College Ave Blackwell, OK 74631 Date 04/02/24

Contractor Tec-An Type of Work Activity Transite Removal

Daily Log	
Time	
0800	Arrived at the job site
0815	Tec-An start setting up electricity for the job site
0830	Calibrated daily pumps
0845	Set up pumps/Tec-An Start prepping the rooms where the transite is located/Moving items out of rooms
1100	Tec-An take water break
1130	Tec-An start demo with the transite
1230	Break for lunch
1330	Back from lunch / continue with transite demo
1430	Walked around the work area & checked on pumps
1600	Tec-An takes water break
1705	Collected daily pumps/Tec-An does end of the day clean up
1745	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Julius Semmions	403207
P2 Dandre Bowman	403463
Michael Haywood	402875
Jayshawn Glander	403356
Michelle Haywood	403366
Frederick Butler	403206
Patrick Rhodes	403467

Field Notes

Industrial Hygienist's Signature

04/02/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 562 E. College Ave Blackwell, OK 74631 Date 04/03/24

Contractor Tec-An Type of Work Activity Transite Removal

Daily Log	
Time	
0800	Arrived at the job site
0820	Tec-An start setting up the electricity for the job site
0830	Calibrated daily pumps
0850	Start setting up pumps / Tec-An start demo on transite
1100	Tec-An stop for water break
1120	Tec-An continue with demo
13:00	Break for lunch
14:00	Back from lunch
1500	Checked on the work area and pumps
1720	Start collecting daily pumps
1750	Left the job site

Industrial Hygienist's Signature

4/3/24
Date/Time

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Frederick Butler	403206
P2 Michelle Haywood	403366
Michael Haywood	402875
Jayshawn Glander	403356
Dandre Bowman	403463
Julius Semmions	403207
Patrick Rhodes	403467

Field Notes

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E College Ave Blackwell, OK 74631 Date 04/04/24

Contractor Tec-An Type of Work Activity Transit Removal

Daily Log	
Time	
0800	Arrived at the job site
0810	Tec-An start setting up electricity for job site
0820	Calibrated daily pumps
0840	Set up pumps
1030	Checked on pumps
1230	Tec-An take water break
1300	Tec-An continue with demo
1420	Transite flue was removed
1550	Start collecting daily pumps/Tec-An start End of Day clean up
1600	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Patrick Rhodes	403467
P2 Jayshawn Inlander	403356
Michael Haywood	402875
Pandre Bowman	403463
Michelle Haywood	403366
Julius Semmions	403207
Frederick Butler	403266

Field Notes

Industrial Hygienist's Signature

04/04/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0219-AB-121823-X / Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 04/08/24

Contractor Tec-An Type of Work Activity Transite Removal

Daily Log	
Time	
1030	Arrived at the job site
1100	Tec-An arrived / Safety meeting
1115	Tec-An Starts setting up generator for electricity
1130	Calibrated pumps
1150	Start setting up pumps
1200	Tec-An start detail cleaning on south mechainical room
1400	Checked on pumps
1430	Tec-An start prepping floors for window caulk removal
1500	Take water break
1520	Continued with detail cleaning
1730	Start collecting pumps
1800	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 J. Semmions	403207
P2 F. Butler	403206
Patrick Rhodes	403467
Michelle Haywood	403366
Dandre Bowman	403463
Michael Haywood	402875

Field Notes

Industrial Hygienist's Signature

04/08/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JL/Parkside Elementary School Location 562 E College Ave Blackwell, OK 74631 Date 04/09/24

Contractor Tec-An Type of Work Activity Transite Removal/Window Caulk Removal

Daily Log	
Time	
0800	Arrived at the job site
0815	Tec-An start setting up generator/Calibrated pumps
0840	Set up pumps for transite & window caulk removal
0915	Start setting up clearance samples for the north boiler room
0940	Start clearances on north boiler room
1050	Checked on pumps
1140	Stop & collected clearance samples
1210	Calibrated & collected pumps for south boiler room
1215	All Tec-An workers work on window caulk removal
1300	Break for lunch
1400	Back from lunch
1440	Checked on pumps & work area
1705	Start collecting daily pumps/Tec-An do End of the day clean up

Industrial Hygienist's Signature

04/09/24
Date/Time

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 M. Haywood	402875 > Window
P2 P. Rhodes	403467 / Glaze
P1 D. Bowman	403463
P2 F. Butler	403206
J. Simmons	403207
Michelle Haywood	403366

Field Notes

* Detail cleaning on south boiler room.
* Clearances on north boiler room.
* Window caulk removal on South east part of building

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-SC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 04/10/24

Contractor Tec-An Type of Work Activity Window Glaze Removal

Daily Log	
Time	
0800	Arrived at the job site
0810	Tec-An set up the generator
0825	Calibrated pumps
0840	Set up daily pumps
0850	Set up and calibrated high volts for clearances
0930	Start clearances for south mechanical room
1030	Checked on pumps
1120	Collected the clearance samples
1300	Break for lunch
1400	Back from lunch/Tech-An continue with window glaze removal
1600	Tec-An take water break
1710	Start collecting pumps/Tec-An does end of the Day clean up
1800	Left the job site

Industrial Hygienist's Signature 04/10/24 Date/Time

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 J. Glander	403356
P2 M. Haywood	403366
J. Semmions	403207
E. Butler	403206
R. Rhodes	403467
D. Bowman	403463
M. Haywood	402875

Field Notes

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E College Ave Blackwell, OK 74631 Date 04/11/24

Contractor Tec-An Type of Work Activity Window Glaze Removal

Daily Log	
Time	
800	Arrived at the job site
815	TecAn start setting up generator
825	Calibrated pumps
835	Start setting up daily pumps
840	TecAn start patching up window openings
1030	Walked around the work area
1300	Break for lunch
1400	Back from lunch / Continue place plywood on windows
1530	Checked on pumps
1740	Collected pumps / Tec-An start End of the Day clean up.
1815	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Wubine	400826
Worker Name	**License/ID #**
P1 J. Semmions	403267
P2 T. Rhodes	403467
P. Bowman	403463
F. Butler	403206
M. Haywood	402875
M. Haywood	403366
S. Glander	403356

Field Notes

Industrial Hygienist's Signature

04/11/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversight Daily Log

Project ID 0214-AB-121824 PARKSIDE ELEMENTARY Location 502 E College Ave. Blackwell, OK 74631 Date 4-15-24

Contractor Tec-An Type of Work Activity

Daily Log	
Time	
11:00	Arrived on site.
11:05	Calibrated + Cleaned pumps
11:10	Walk thrown.
11:25	Set up pumps.
17:25	Pulled pumps.
17:30	Left site

Contractor/Supervisor K. Nubine License/ID # 400826

Worker Name	License/ID #
P. Rhodes	403467
F. Butler	403206
J. Semanions	403264
M. Heywood	403366
D. Brown	403463
J. Gunder	403350
M. Heywood	402875

Field Notes

Start Removal of Window Caulk on South Building

Armando Chavez 4-15-24

Industrial Hygienist's Signature Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversight Daily Log

Project ID 0214-AB-121824 PARKSIDE ELEMENTARY Location 502 E College Ave. Blackwell, OK 74631 Date 4-16-24

Contractor Tec-An Type of Work Activity

Daily Log	
Time	
7:00	Arrived on site
7:10	Calibrated pumps.
7:15	Safety meeting
7:40	Set up pumps
12:00	Crew goes to lunch.
13:00	Crew returns from lunch.
17:20	left pulled pumps
17:25	left site

Contractor/Supervisor K. Nibine License/ID # 400826

Worker Name	License/ID #
D. Brown	403463
J. Gander	403356
P. Rhodes	403467
J. Simmions	403204
M. Haywood	403366
M. Haywood	402875
F. Butler	403206

Field Notes

Window Caulking Removal on South Building

Amando Garcia 4-16-24

Industrial Hygienist's Signature Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversight Daily Log

Project ID 0214-AB-121824 PARKSIDE ELEMENTARY Location 502 E College Ave. Blackwell,OK 74631 Date 4-17-24

Contractor Tec-An Type of Work Activity

Daily Log	
Time	
7:00	Arrived on site
7:10	Calibrated pump + cleaned.
7:15	Walk through.
7:20	Safty meeting
7:40	Set up pumps
12:00	Crew goes to lunch.
13:00	Crew returns from lunch.
17:15	filled pumps
17:20	left site

Amando Chavez 4-17-24

Industrial Hygienist's Signature Date/Time

Contractor/Supervisor	K. Nubine	License/ID #	400826
Worker Name		License/ID #	
P1	M. Haywood		403366
P2	J. Semmions		403204
	J. Gandler		403356
	P. Rhodes		403467
	F. Butler		403206
	Michael Haywood		402875

Field Notes

Window caulk Removal on the South building

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversight Daily Log

Project ID 0214-AB-121824 PARKSIDE ELEMENTARY Location 502 E College Ave. Blackwell, OK 74631 Date 4-18-24

Contractor Tec-An Type of Work Activity Window caulk + Glaze Removal

Daily Log	
Time	
7:00	Arrived on site
7:05	Calibrated pumps.
7:10	Safety meeting.
7:40	Set up pumps
11:00	Starting HV's South Bldg.
12:00	Crew goes to lunch.
13:00	Pulled HV's South Bldg.
13:00	Crew returns from lunch.
14:45	Pulled pumps
14:50	left site

Amando Chavez 4-18-24

Industrial Hygienist's Signature Date/Time

Contractor/Supervisor M Chavez Wilson License/ID # 403286

Worker Name	License/ID #
F. Butler	403206
J. Semmions	403204
Michelle Haywood	403366
P. Rhodes	403467
J. Gander	403356
D. Brown	403463
M. Haywood	402875

Field Notes

finishing up South Buildings

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave Blackwell, OK 74631 Date 4/22/24

Contractor Tec-An Type of Work Activity Window Glaze Removal

Daily Log	
Time	
1000	Arrived at the job site
1030	Tec-An arrived and start setting up generator
1040	Calibrated pumps
11:00	Set up pumps/Tec-An start removing windows
1300	Checked on pumps
1330	Tec-An take lunch break
1470	Tec-An back from lunch/continue with window demo
1660	Checked on pumps/Walked around the work area
1720	Start collecting pumps
1725	Tec-An work on end of the day clean up
1750	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Patrick Rhodes	403467
P2 Julius Semmions	403207
Frederick Butler	403206
Michelle Haywood	403366
Pandre Bowman	403463
Sayshaun Orlander	403356
Michael Haywood	402875
Michael Wilson	403286

Field Notes

* Working on North building

Industrial Hygienist's Signature

4/22/24
Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-121823-JC/Parkside Elementary School Location 502 E. College Ave. Blackwell, OK 74631 Date 04/23/24

Contractor Tec-An Type of Work Activity Window Glaze Removal

Daily Log	
Time	
0800	Arrived at the job site
0810	Tec-An starts setting up generator/Calibrated daily pumps
0825	Set up daily pumps/Tec-An continue with window glaze removal
0900	Set up high volts and calibrated them for the east building
0930	Started the clearance samples
1030	Checked the pumps & walked around the work area
1130	Stopped & collected clearance samples
1230	Tec-An takes lunch
1330	Tec-An back from lunch
1540	Checked on the pumps & work area
1720	Start collecting daily pumps/Calibrated them for end of shift. Tec-An start End of the Day clean up
1730	Left the job site

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Michael Haywood	402875
P2 Jayshawn Glander	403356
Pandre Bowman	403463
Michelle Haywood	403366
Julius Simmions	403207
Frederick Butler	403206
Patrick Rhodes	403467
Michael Wilson	403286

Field Notes

* Clearance for East Building

Industrial Hygienist's Signature

04/23/24

Date/Time

MARSHALL ENVIRONMENTAL MANAGEMENT

Oversite Daily Log

Project ID 0214-AB-R1823-06/Parkside Elementary School Location 502 E. College Ave. Blackwell, OK 74631 Date 04/24/24

Contractor Tec-An Type of Work Activity Window Glaze Removal

Daily Log	
Time	
0800	Arrived at the job site
0825	Tec-An start setting up generator
0836	Calibrated daily pumps
0850	Starts setting up pumps/Tec-An continues removing window glaze & boarding up windows
1060	Walked around the work area
1230	Tec-An breaks for lunch
1330	Tec-An back from lunch
1345	Collected daily pumps
1350	Set up & calibrated high volts
1410	Start clearances for north building
1430	Tec-An start picking up poly on sidewalks and detail cleaning
1610	Collected clearance samples

Contractor/Supervisor	License/ID #
Kenneth Nubine	400826
Worker Name	**License/ID #**
P1 Michael Wilson	403286
P2 Michael Haywood	402875
Patrick Rhodes	403467
Frederick Butler	403206
Julius Semmions	403207
Michelle Haywood	403366
Dandre Bowman	403463
Jayshawn Glander	403356

Field Notes

Industrial Hygienist's Signature

4/24/24
Date/Time

Photo 1: Parkside - Mand Hole in North Building - TSI

Photo 2: Parkside - Man Hole in South Building - TSI Prep

Photo 3: Parkside - in Tunnel - TSI Prep

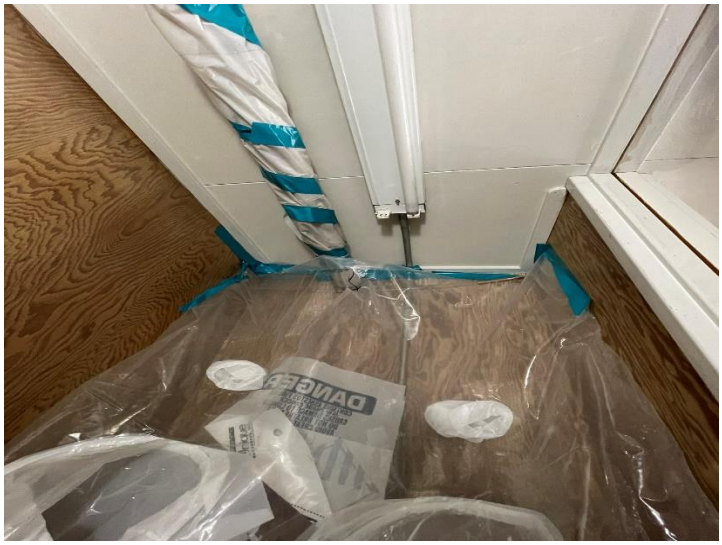

Photo 4: Parkside - East Building - TSI Prep

Photo 5: Parkside - East Building - TSI Prep

Photo 6: Parkside - in Tunnel - TSI Prep

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

Photo Album

Parkside Elementary Schhol
502 E. College Ave.
Blackweell, OK 74631

PREPARED BY: Jnathan Chavez

DATE: 04/25/24

JOB NO: 0214-AB-031124-JC

Photo 1: Parkside - in Tunnel - TSI Prep

Photo 2: Parkside - in Tunnel - TSI Prep

Photo 3: Parkside - South Bulding - Change Room - TSI

Photo 4: Parkside - East Building - TSI Abatement

Photo 5: Parkside - East Building - TSI Abatement

Photo 6: Parkside - in Tunnel - TSI Abated

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

Photo Album

Parkside Elementary Schhol
502 E. College Ave.
Blackweell, OK 74631

PREPARED BY: Jnathan Chavez

DATE: 04/25/24

JOB NO: 0214-AB-031124-JC

Photo 1: Parkside - South Building - Transit Prep

Photo 2: Parkside - North Building - Transit Abatement

Photo 3: Parkside - South Building - Transit Abatement

Photo 4: Parkside - South Building - Transit Abated

Photo 5: Parkside - South Building - Transit Pannel

Photo 6: Parkside - South Building - Transit Pannel Abatement

MARSHALL ENVIRONMENTAL MANAGEMENT
1301 N Martin Luther King Ave
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405.616.0401
mem@marshallenvironmental.com

Photo Album

Parkside Elementary Schhol
502 E. College Ave.
Blackweell, OK 74631

PREPARED BY: Jnathan Chavez

DATE: 04/25/24

JOB NO: 0214-AB-031124-JC

Photo 1: Parkside - South Building - Transit Pannel Abated

Photo 2: Parkside - North Building - Window Glaze

Photo 3: Parkside - North Building - Window Glaze Abated

Photo 4: Parkside - South Building - Window Glaze Abated and Window Boarded

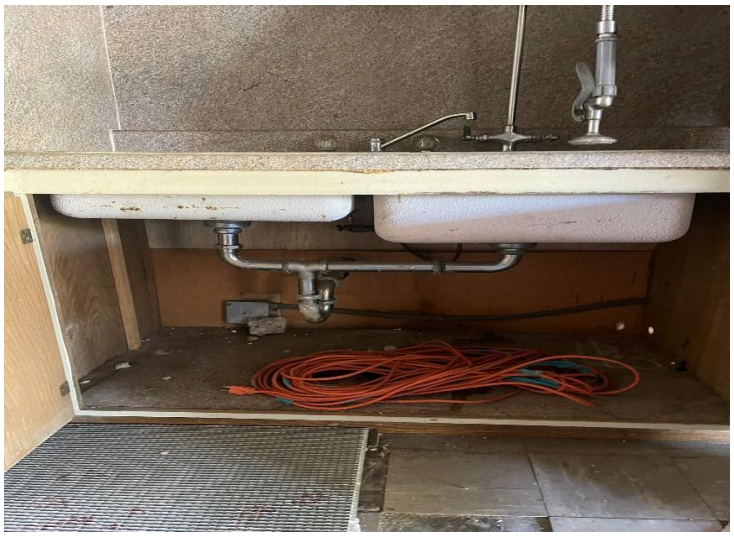

Photo 5: Parkside - East Building - Sink Undercoat

Photo 6: Parkside - East Building - Sink Undercoat Abated

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Oklahoma City, OK 73117
405.616.0401
mem@marshallenvironmental.com

Photo Album

Parkside Elementary Schhol
502 E. College Ave.
Blackweell, OK 74631

PREPARED BY: Jnathan Chavez

DATE: 04/25/24

JOB NO: 0214-AB-031124-JC

Tec-An, Inc.
Technical Environmental Consulting & Analysis

Daily Logs

Managing and Removing Environmental Hazards in the Present for a Safer Future

Tec-An, Inc. 2517 South Purdue Ave, Oklahoma City, OK 73128
Office: (405) 681-7076
Website: www.Tec-An.com or Facebook: www.facebook.com/TecAnInc/

TGC-AIR
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 3-11-2024 Start Time: 0800 AM Stop Time: 6:00pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBINE Number of Workers: 6
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

CO2 READY

Work Day Activity

0800 - SHOP - LOAD EQUIPMENT + SUPPLIES
10:30AM - PARKSIDE CENTER - UNLOAD EQUIPMENT AND STAGE.
WORKER BEGIN CLEANING AREA AROUND AMM HOLES TO CRAWL SPACES
QA 20.5
12-1pm Lunch
1pm - WORKER DON PPE (HALF FACE)-COVERALLS
AND START PUTTING IN STRING LIGHTS.
AT THE END OF THE WORK DAY ONE HALF OF TUNNEL IS LIGHTS UP.
WORKER ALSO STARTED LAYING DROP CLOTH ALONG TUNNELS
6:00pm STOP WORK

Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 70 (circle one) ~~Sunny/~~Cloudy/Rain
Other:

Signature: Kenneth L Nubine

2402-01

Tec-An, Inc.
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 3-12-2024 Start Time: 0700 Stop Time: 5:30pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBSWE Number of Workers: 6
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

0730 - PARKSIDE - WORKERS DON PPE AND CONTINUE PUTTING STRONG LEGS IN CRAWL SPACE UNDER SCHOOL
WHILE LEGS ARE BEING TESTED THE REST OF THE WORKER PUT IN DROP CLOTHS IN LIGHTED AREAS AT SAME TIME REMOVING TRASH AND DEBRIS
1:00pm Lunch
2:00pm WORKER RESUME PREP OF TUNNEL/CRAWL SPACE
AFTER ALL LEGS ARE WORKING PUT FINISH PUTTING DROP CLOTHS DOWN FINISH.
5:30 STOP WORK

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 68 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenneth Nubsi

TecAir, Inc.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 3-13-2024 Start Time: 0730 Stop Time: 600pm

Day of the week: (circle one) M Tu W Th F Sa Su

Project Name: PARKSIDE CENTER Project Number: 2402-01

Project Supervisor: NUBONE Number of Workers: 6

DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

7:20am OK 21%

Work Day Activity

0730 - SCHOOL - WORKER DON PPE AND CONTINUE PREP OF TUNNEL AREAS FOR AN WRAP AND CUT OF TSI PIPING RUNNING THROUGHOUT THE TUNNEL 1500'
USING SIX MIL POLY WORKER START WRAPPING PIPE (6-8 FT SPACE IN FOR GLOVE BAG).

1230pm Lunch
1:15pm O_2 - 21%
140pm - WORKERS DON PPE AND CONTINUE PREP OF TSI IN TUNNELS.

5:45 - WORKER COME OUT AND SHUT DOWN GENERATOR AND PUT TOOLS AND MATERIALS BACK ON TRUCK.

*Problems Encountered MAJORITY OF WORK IS DONE ON YOUR BACK WITHOUT MUCH ELBOW ROOM.

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 70s (circle one) Sunny/Cloudy/Rain

Other:

Signature: Kenneth Nubone

Tec-An, Inc.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 03-14-2024 Start Time: 0730 Stop Time: 5:30pm
Day of the week: (circle one) M Tu W (Th) F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBINE Number of Workers: 6
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O2 → 21% 0730 SCHOOL WORKERS DON PPE AND CONTINUE TO PREP TUNNEL AREA PUTTING WRAPS AROUND TSTAT PIPING.

12:00pm Lunch

O2 21% 1:00pm - WORKER DON PPE AND RESUME PREP WRAP PIPE AND PUT UP SOME GLOVE BAGS.

4:30 WORKERS COME UP OUT THE TUNNEL AND START SHUT JOB SITE DOWN FOR WEEKEND.

5:30pm STOP WORK

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 77 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenneth Nubera

TOC-AN, INC.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 03-18-2024 Start Time: 0800 Stop Time: 7:00pm

Day of the week: (circle one) M Tu W Th F Sa Su

Project Name: PARKSIDE CENTER Project Number: 2402-01

Project Supervisor: NUBUNEL Number of Workers: 8

DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O2 21%

0800 - STOP - LOAD UP AND TAKE OFF TO BALDWIN OK. PARKSIDE CENTER
10:20am - SCHOOL - WORKERS UNLOAD TOOLS AND MATERIAL HOOKUP GENERATOR AND LIGHTS
CHECK O2 IN TUNNEL O2 - 21%
WORKER DON PPE AND START PREP OF WEST SIDE TUNEL AREA
2:00pm LUNCH
3:00pm O2 21%
WORKERS DON PPE AND RESCUE PREP OF ISLAND PEPERY IN WESTSIDE TUNNEL AREAS.
6:30pm START SHUT DOWN OF WORK AREAS
7:00pm STOP WORK.

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 60 (circle one) Sunny/Cloudy/Rain

Other:

Signature: [signature]

TEC-AN, Inc.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 03-19-2024 Start Time: 0730 AM Stop Time: 630 pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBENE Number of Workers: 8
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O_2 21% 0730 - WORKER - RESUME PREP IN TUNNEL AREA
A COUPLE OF WORKER MADE ANOTHER HOLE FOR EMERGENCY EXITS AND PIPE REMOVAL
AS WORKER IS PUTTING UP GLOVE BAGS WORKERS ALSO IS CLEAN AREAS AROUND HOLES (LOT OF TRASH IN THE BUILDING)

1230 LUNCH

O_2 21% 1140 - WORKERS RESUME PREP (TE) GLOVE BAGS GETTING TOP SIDE READY CLEANING UP AREA OF DEBRIS HAVING A WORKER IN THE CLOSET AREA AND MECH ROOM IN CAFETERIA PUTTING UP GLOVE BAGS ON GUY AND WRAP.
630 pm SHUT DOWN FOR THE DAY

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 70 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenneth Nubena

TOC-AN, INC.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 03-20-2024 Start Time: 0730 AM Stop Time: 6:30pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBINE Number of Workers: 8
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O_2 21% 0730 - WORKERS DON PPE AND RESUME PREP -
WORKER RESUME PREP OF TOPSIDE AREAS (IE) START PUTTING POP-UPS OVER HOLES..

1200. LUNCH

O_2 21% 1:30 - WORKERS RESUME PREP OF PARKSIDE CENTER TUNNEL + SURROUNDING AREAS

6:00 SHUT DOWN FOR THE NIGHT
6:30 STOP WORK

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 60 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenneth D Nubine

TSC-AN, Inc.
Technical Environmental Consulting & Analysis

2402-01

Daily Supervisor Log Sheet

Date: 03-21-2024 Start Time: 0730 Stop Time: 4:30pm

Day of the week: (circle one) M Tu W Th F Sa Su

Project Name: PARKSIDE CENTER Project Number: 2402-01

Project Supervisor: NUBINE Number of Workers: 8

DOL Inspection: Yes ☑ No ☐ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O_2 - 21%

0730: WORKERS DON PPE AND RESUME AND FINISH PULLING UP GLOVE BAGS FINISH POP-UPS IN 4 AREAS AND MADE SURE DECON CLEAN AND EVERYTHING WORKING.

12pm - DOL INSPECTION (PREP)

3pm: PASS INSPECTION AND START SHUTTING JOB SITE DOWN)

4:30pm STOP WORK HEAD TO OKC (STOP)

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 60s (circle one) Sunny/Cloudy/Rain

Other:

Signature: Kenneth E Nubine

2402-01

TEC-AM, INC.
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 3-25-2024 Start Time: 0800 Stop Time: 6:00pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBINE Number of Workers: 8
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity
0800 - SHOP - LOAD BOX TRUCK
O2 21% 1000AM - SCHOOL - WORKER SET UP JOB SITE (GEN) (DECON) (LIGHTS) - THEN PUT ON PPE
AND START REMOVAL OF ~~GLOVE~~ GLOVE BAGS
IN THE TUNNEL EAST-SIDE (2) MAN CREWS
DOUBLE BAG AND STAGE FOR LOAD OUT.
2pm SHOWER OUT - Lunch
O2 21% 3:30pm - WORKERS DRESS OUT AND RESUME
GLOVE BAG REMOVAL
HAVE TWO WORKERS LOADING OUT TO ENCLOSE
dumpster
545 - SHOWER OUT - SHUT DOWN WORK
6:00pm OFF
*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 60 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenit Nubin

2402-01

TOC-AIR, INC.
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 3-26-2024 Start Time: 730 Stop Time: 6:30 pm

Day of the week: (circle one) M Tu W Th F Sa Su

Project Name: PARKSIDE ELEMENTARY Project Number: 2402-01

Project Supervisor: MUBINE Number of Workers: 8

DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

O2 22% 0730 - WORKER GET POWER ON (GEN) AND HOOK UP LIGHTS, DON PPE AND RESUME GLOVE BAG REMOVAL ALSO MAKING CUTS ON PIPE FOR REMOVAL LATER.

SHOWER OUT -

12:00pm LUNCH

O2 21% 1:00pm - WORKERS DON PPE RESUME GLOVE BAGS REMOVAL AND CUTTING PIPE AS THE DO - LOADING OUT TO THE ENCLOSE DUMPSTER DOUBLE BAG WASTE AND LABEL.

SHOWER OUT

630 SHUT DOWN WORK

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 70 (circle one) Sunny/Cloudy/Rain

Other:

Signature: Kenneth Rubin

2402-01

TEC-AN, INC.
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 3-27-2024 Start Time: 730 Stop Time: 7:00pm

Day of the week: (circle one) M Tu (W) Th F Sa Su

Project Name: PARKSIDE CENTER Project Number: 2402-01

Project Supervisor: KRISTINE Number of Workers: 8

DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity
O2 21% 0730AM - WORKER DON PPE - RESUME ACM REMOVAL IN TUNNELS AND MECH ROOM CUT + WRAP
SHOWER-OUT
O2 21% LUNCH - WORKER DON PPE AND 2 GREY AND CHAIN AND LOAD OUT PIPES AND BAGS FROM SEVERAL LOCATIONS AT THE SCHOOL
SHOWER-OUT
700pm STOP WORK
Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 65 (circle one) Sunny/~~Cloudy~~/Rain

Other:

Signature: [signature]

2402-01

TEC-AN, Inc.
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 3-28-2024 Start Time: 7:30 Stop Time: 6:00pm
Day of the week: (circle one) M Tu W Th F Sa Su
Project Name: PARKSIDE CENTER Project Number: 2402-01
Project Supervisor: NUBZAR Number of Workers:
DOL Inspection: Yes ☐ No ☑ (circle one) Passed/Failed
Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity
O2 21% 0730 - WORKERS DON PPE AND START THE LAST OF THE REMOVAL OF GLOVE BAGS AND CONTINUE CUTTING OUT PIPING AND LOAD OUT.
SHOWER OUT
12 LUNCH
O2 21% WORKERS DON PPE AND CONTINUE TO LOAD OUT AND CLEAN TUNNEL REMOVE DROP CLOTHS
SHOWER OUT
600pm SHUT DOWN WORK
*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 72 (circle one) Sunny/Cloudy/Rain
Other:

Signature: Kenneth [illegible]

2402-01

TGC-AIR, INC
Technical Environmental Consulting & Analysis

Daily Supervisor Log Sheet

Date: 4-1-2024 Start Time: 0800 Stop Time: 6:00pm

Day of the week: (circle one) M Tu W Th F Sa Su

Project Name: PARKSIDE LOFTS Project Number: 2402-01

Project Supervisor: NUBZUK Number of Workers: 8

DOL Inspection: Yes ☑ No ☐ (circle one) Passed/Failed

Type of Inspection(circle one): Prep In-Progress Clearance Re-occupancy

Work Day Activity

22% 0730 - STOP - LOAD UP
9:30 PARKSIDE - SET UP POWDER DECON AND DON PPE - MAKING SURE TUNNEL IS CLEAN AND NO TOOLS LEFT BEHIND
1:00pm - DOL INSPECTION (VIS FINAL) PASSED
3:00pm - WORKER START TEARING DOWN MENT CONTAINMENT (POPUPS) AND LOADING OUT WASTE

WORKER SHUT DOWN FOR THE DAY
SHOWER OUT
600 STOP WORK

*Problems Encountered

General Notes/Supplies Needed/Meetings/Visitors

Weather Conditions: Temperature: 70 (circle one) Sunny/Cloudy/Rain

Other:

Signature: Kenneth Nubzuk

Tec-An, Inc.
Technical Environmental Consulting & Analysis

DOL Paperwork

Managing and Removing Environmental Hazards in the Present for a Safer Future

Tec-An, Inc. 2517 South Purdue Ave, Oklahoma City, OK 73128
Office: (405) 681-7076
Website: www.Tec-An.com or Facebook: www.facebook.com/TecAnInc/

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 #: 24-0454 | Month: 04 | Day: 01 | Year: 2024 | Time: 1:00

Facility: Former Parkside Elementary

Contractor #:

County #: 36 FY #:

Address/Location: 00 D Street

Address City: Blackwell

Owner/Occupant:

Contractor: Tech Aw

Contact Name:

Contractor's Rep.: Kenneth Nubine

Facility Phone #:

Contractor's Phone #:

1. Description of Area: Lower 1st wrap of pipes throughout entire [illegible] Bldg.

2. Areas requiring further cleaning: None

3. Air Counts (PCM/TEM) On-Site?: yes

4. DOL Recommendations: Tear down critical

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

6. Notes: This completes the removal of friable ACM

7. Note any violations cited: 380:50-

8. Contractor's Comments:

Keith H. Hunt
Inspector's Signature

Kenneth L Nubine
Contractor's Signature

Revised 5/2016

White Copy: DOL Yellow Copy: Consultant Pink Copy: Contractor/Owner

2402-01

Oklahoma Department of Labor
www.ok.gov/odol/

3017 North Stiles, Suite 100
Oklahoma City, OK 73105
405-521-6464 • 888-269-5353
Fax: 405-521-6025

Abatement Preparation Inspection Form

Abatement Project: Former Parkside Elementary Date: 3-21-24 Time:

Project No.: 24-0417 Phase:

Project Address/Location: City: Blackwell Zip:

Contractor: Tech Ass Contact Person: Kenneth Nubine

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

OF GLOVEBAGS | # OF FULL CONTAINMENTS | # OF MINI CONTAINMENTS

Recommendations & Remarks: Removing ACM in Tunnels around perimeter of Bldg using glove bag cut & wrap

Orders: Remove ACM - call for visual final

☐ Imminent Danger

Inspector's Signature

Contractor's or Representative's Signature

Tec-An, Inc.
Technical Environmental Consulting & Analysis

Waste Manifest

Managing and Removing Environmental Hazards in the Present for a Safer Future

Tec-An, Inc. 2517 South Purdue Ave, Oklahoma City, OK 73128
Office: (405) 681-7076
Website: www.Tec-An.com or Facebook: www.facebook.com/TecAnInc/

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

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

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1

d. Generator's Name and Location:
City of Blackwell
221 West Blackwell Avenue
Blackwell, OK 74631
f. Phone:405.681.7076

e. Generator's Mailing Address:
Same
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
4061245182	4/8/25	Friable Asbestos				

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 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 this 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 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Justin Mullinax		4-15-24

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Premier Waste LLC
P.O. Box 891702 Okc Ok 73189

4.54
10 Tiedp

b. Phone:

c. Driver Name (Print)	d. Signature	e. Date
David Ennis		4-15-24

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Southeast OKC Landfill
7001 S. Bryant Ave.
OKC, OK 73149
b. Phone: 405.672.7379

c. US EPA Number
d. 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.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
Marletta Davis	Marletta Davis	4.15.24

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:

c. Responsible Agency Name and Address:
r
d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☒ Friable ☐ Non-Friable ☐ Both 100 % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator 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