

ADDENDUM NO. 1

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Window Replacement
Administration Building – Wheeler Hall
Missouri School for the Deaf
Fulton, Missouri
PROJECT NO.: E1906-01**

Bid Opening Date: 1:30 PM, January 23, 2020

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

GENERAL COMMENTS:

1. The Pre-Bid Meeting was held on January 7, 2020 at 10:00 AM, followed by a walk-through of the project site. The Pre-Bid Meeting sign-in sheet is attached.
2. Bidders needing additional site inspection should contact SFD facility staff, Jeff Sheley, at 573-592-2529 and at JEFF.SHELEY@oa.mo.gov to schedule a time if additional site inspection is required.
3. Please contact Kelly Copeland, Contract Specialist, at 573-522-2283, Kelly.copeland@oa.mo.gov for questions about bidding procedures, MBE\WBE\SDVE Goals, and other submittal requirements.
4. The deadline for technical questions is January 16, 2020 at noon. Questions regarding the bidding process and submissions can be answered by Ms. Copeland until the bid opening time. Please contact her with any questions or if you need confirmations.
5. Changes to, or clarification of, the bid documents are only made as issued in the addenda.
6. All correspondence with respect to this project must include the State of Missouri project number as indicated above.
7. Current Plan holders list is available online at: <https://www.adsplanroom.net/jobs/283/plan-holders/e1906-01-window-replacement-administration-building-wheeler-hall-missouri-school-for-the-deaf>
8. Prospective Bidders contact American Document Solutions, 1400 Forum Blvd Suite 7A, Columbia MO 65203, 573-446-7768 to get hard copies of plans and specifications. Deposits are required and detailed in the specifications.

SPECIFICATION CHANGES:

1. Section 028213 – Asbestos Abatement
 - a. REVISE the Note Paragraph 1.2 as follows:
Note: Contractor shall reference the Asbestos Management Plan 2013 Re-Inspection Survey Report (Appendix C) dated November 15, 2014 for linear feet of asbestos containing materials. Contractor shall assume all caulk around windows contains asbestos. Contractor shall verify all dimensions and quantities prior to bidding.
 - b. REVISE Paragraph 1.4-D.4 as follows:
 4. Abatement contractor shall remove the window system from the building.

- c. ADD the following sentence to Paragraph 2.9-C: “In-progress samples will be collected throughout the abatement process. Due to the exterior nature of the abatement process, the in-progress samples will be utilized as clearance samples.”
- 2. Section 084113 – Aluminum-Framed Entrances and Storefronts
 - a. DELETE Paragraph 1.2-A. The single source requirement for window and storefront manufacturer has been removed.
 - b. ADD Paragraph 2.1-D as follows:
 - D. YKK AP America
 - 1. YKK AP America model YES 45TU Storefront system.
 - 2. YKK AP America model 50D wide style door.
- 3. Section 085113 – Aluminum Windows
 - a. DELETE Paragraph 1.02-A. The single source requirement for window and storefront manufacturer has been removed.
 - b. REVISE Paragraph 2.01-A.1.a as follows:
 - a. Quaker M600 Fixed Window. Basis of design is Quaker Window Systems, Inc. (Details on Sheet A-601 are for Quaker M600 Fixed Windows.)
 - c. ADD Paragraphs 2.01-A.1.d and 2.01-A.1.e as follows:
 - d. YKK AP, America Model YVS410TV
 - e. Winco Model 8325 fixed window.
- 4. Section 087100 – Door Hardware
 - a. DELETE Paragraph 1.2-C. The single source requirement has been removed.
- 5. Section 088000 – Glass and Glazing
 - a. DELETE Paragraph 1.2-A. The single source requirement for window and storefront manufacturer has been removed.
- 6. ADD attached Appendix C – Asbestos Management Plan 2013 Re-Inspection Survey Report.

DRAWING CHANGES:

None.

ATTACHMENTS:

- 1. Pre-Bid Meeting Sign-In Sheet
- 2. Appendix C – Asbestos Management Plan 2013 Re-Inspection Survey Report

January 15, 2020

END ADDENDUM NO. 1

Pre-Bid Meeting Attendance Sheet

Window Replacement, Administration Building – Wheeler Hall

Missouri School for the deaf

Fulton, Mo

Project No. E1906-01

January 7, 2020, 10:00 AM

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Robert Richards Pres.	Wings Three Asbestos	573-303 3563	bob@wingsthree.com
Andrew Richards	Wings Three Asbestos	573-303-3563	Andrew@wingsthree.com
Regina Roemer	MSD	573-592855	Regina.roemer@HSD.DESE.MO.GOV
AARON KENNEDY	ROBERT ROLLINGS ARCHITECTS	660829 9754	aarone@rollingsarchitects.com
BRAD SCHAEFER	DAMDC	573-5260136	Brad.Schaefer@Da.mo.gov

Pre-Bid Meeting Attendance Sheet
 Window Replacement
 Administration Building – Wheeler Hall Missouri, School for the Deaf
 Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
James M. Clark	GLC Construction Co MBE	314-542-6586	glc.construction@gmail.com
Damon Jones Supervisor	JED Co	913-326-3362	Damon.Burner@JEDCOUSA.com
Matt Roark	ARSI, Inc. Asbestos Abatement	573-896-0222	MATHROARK@ARSI-MO.COM
Brian Dennis	PLE	573-442-1113	LJohnson@PLE-MO.COM

Pre-Bid Meeting Attendance Sheet
 Window Replacement
 Administration Building – Wheeler Hall Missouri, School for the Deaf
 Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
DEAN ARSONS VP	SEVEN ENVIRONMENTAL ASBESTOS	816 918 3720	DEAN@SEVENMAIL.COM
TOEL LINDSE	CROSSROADS COUNTR. SERV. FOR ASBESTOS Mgmt	314-807-6986	TOEL@CROSSROADSERVICES.US
Adam Howey	MSI Constructors MEP	417 881 0903	estimator@msi estimator@msi.net
Justin Arnold	Occu-TEC Consulting	816-810-3276	jarnold@occutec.com
KIM BURNETT	BLACK DOG ENTERPRISES SDVE	816-591-2622	KBURNETTE@BLACKDOGK.COM
Phil Koesterer	JR & Co, INC.	913-915-0701	philej@jrcousa.com

Pre-Bid Meeting Attendance Sheet
 Window Replacement
 Administration Building – Wheeler Hall Missouri, School for the Deaf
 Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Ashli Bontreger	Dornakaba, automatic doors	314-440-5544	ashli.bontreger@dornakaba.com
Mike Gerling	Marks Mobile Glass FR Doors & Glazing	573-634-2424	Mgerling@marksmobileglass.com
Tom Herrmann	Marks mobile glass glazier	660 460 0905	
Nathan King	Marks mobile glass Doors + glazing	573 289 3107	
Joe Stockmann	BARTERS - MISSET	314-320-9252	JOE@BARTERSMISSET.COM

Pre-Bid Meeting Attendance Sheet
Window Replacement
Administration Building – Wheeler Hall Missouri, School for the Deaf
Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Study Fruits President	Mill Valley Construction, Inc General	816 223-5558	StudyFruits@Hotmail.com
Mark Barry Proj. Mgr.	Construction Concepts Corp. General	573-382-0033 FAX 573-382-0044	Robmoore@concon corp.com
Jerry Mosher PM	INTERFACE CONSTRUCTION GC - MBE	314 522 1011 m 314 220 0351	jerry@interfacestl.com

Pre-Bid Meeting Attendance Sheet
 Window Replacement
 Administration Building – Wheeler Hall Missouri, School for the Deaf
 Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Chris Roberts	5 OAKS ASSOCIATES General Contractor	573-682-1314	admin@5oaksassociates.com
Kyle Rayner	De Environmental : SDVOSB Asbestos	573-239-8298	kyle.rayner@obenv.com
STEVE DUTROW	PROST BUILDERS General Contractor	573-694-1095	vxpe@prostbuilders.com estimating@prostbuilders.com

Pre-Bid Meeting Attendance Sheet
 Window Replacement
 Administration Building – Wheeler Hall Missouri, School for the Deaf
 Fulton, Missouri

Project No. E1906-01
 January 7, 2020

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Brad Leone OPERATIONS mgr	Brown & Root Industrial Svcs.	573-353-0454	brad.leone@brownandroot.com
Charles Scanders OPERATIONS mgr	DK Power WBE	573-721-3564	Charles.DKPower@gmail.com
Don Goods F.B.P.	F.B.P. Supply window supplies F.B.P. MASE	308.738 6865	Don@FBPSTL.com
STACY JOSEY OWNER	J+J ENTERPRISES SUB-JOINT SEALANTS WBE	\$73-592-0073 314-333-5D17	stacey@joseycawille.com

Pre-Bid Meeting Attendance Sheet

Window Replacement, Administration Building – Wheeler Hall

Missouri School for the deaf

Fulton, Mo

Project No. E1906-01

January 7, 2020, 10:00 AM

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone	E-Mail Address
Josh Blover	Glover Con Inc General	573 642.6363	josh.glover@glovercon.com

Pre-Bid Meeting Attendance Sheet
 Window Replacement, Administration Building - Wheeler Hall
 Missouri School for the deaf

Fulton, Mo
Project No. E1906-01
 January 7, 2020, 10:00 AM

Name & Title	Company Name, Type of Contracting, MBE/WBE/SDVE Status	Phone Fax	E-Mail Address
Ryann Schuch Gristice Owner	Ryann Schuch Gristice LLC Gen Contractor	573- 690-1690	ryanschuch@schuchgristice.com
Bill Patterson Owner	Meg Allic Contractor General Contractor	573-230-6961	billpatterson@megalliccontractor.com
Brian Lied Staff Scaffolding	SEI Engineering Environmental Consultant	314-956-8240	bried@seiengineering.com
JEFF Shelley Plant Supervisor	OA-FMDC MSD	573-220-2325	jeff.shelley@oa.msdc.org
Christopher Donnell FOM	OA-FMDC	751-3266	christopher.donnell@oa.msdc.org
Tim Neal	OA/FMDC	751-7095	Timothy.Neal@oa.msdc.org

ASBESTOS MANAGEMENT PLAN 2013 REINSPECTION SURVEY REPORT

Prepared for:

STATE OF MISSOURI
301 W. High Street, HST 730
Jefferson City, MO 65102



Designated Person:

Ron Littich
573-751-8296

Project Location:

**MISSOURI SCHOOL FOR THE DEAF
WHEELER HALL**
505 E. 5th Street
Fulton, MO 65251

Project Number: E1307-01

Patricia Garcia
Missouri Asbestos Inspector (7011090513MOIR11347)

Date of Inspection: March 21, 2014

Date of Report: November 15, 2014

Prepared by:



November 15, 2014

**MISSOURI SCHOOL
FOR THE DEAF
WHEELER HALL
ASBESTOS
MANAGEMENT
PLAN 2013
Reinspection**

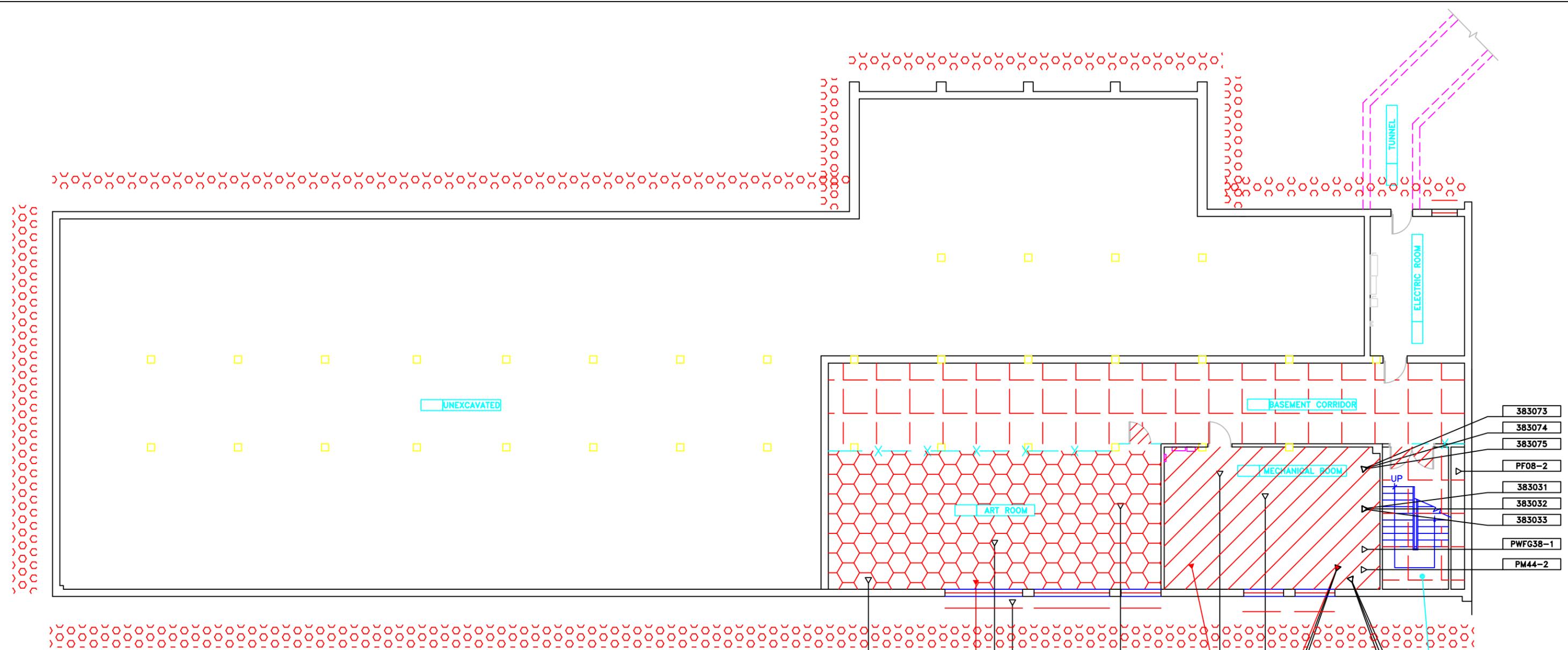
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IDENTIFIED ACM LEGEND

- EXTERIOR WINDOW CAULK
- EXTERIOR DOOR CAULK
- EXTERIOR PANEL CAULK
- INTERIOR DOOR CAULK
- INTERIOR WINDOW CAULK
- FLOOR TILE AND MASTIC
- PIPE FITTINGS
- PIPE MASTIC
- CONTAINS MULTIPLE ACM MATERIALS (PLEASE REFER TO SECTION 4)

BULK SAMPLE LEGEND

- = SAMPLE CONTAINS ASBESTOS
- = SAMPLE WAS NEGATIVE FOR ASBESTOS

ASBESTOS INSPECTION NOTES

1. ADDITIONAL ASBESTOS MATERIALS MAY BE PRESENT IN INACCESSIBLE LOCATIONS.



TITLE:
ASBESTOS PLAN

CLIENT NAME:
STATE OF MISSOURI - DESE

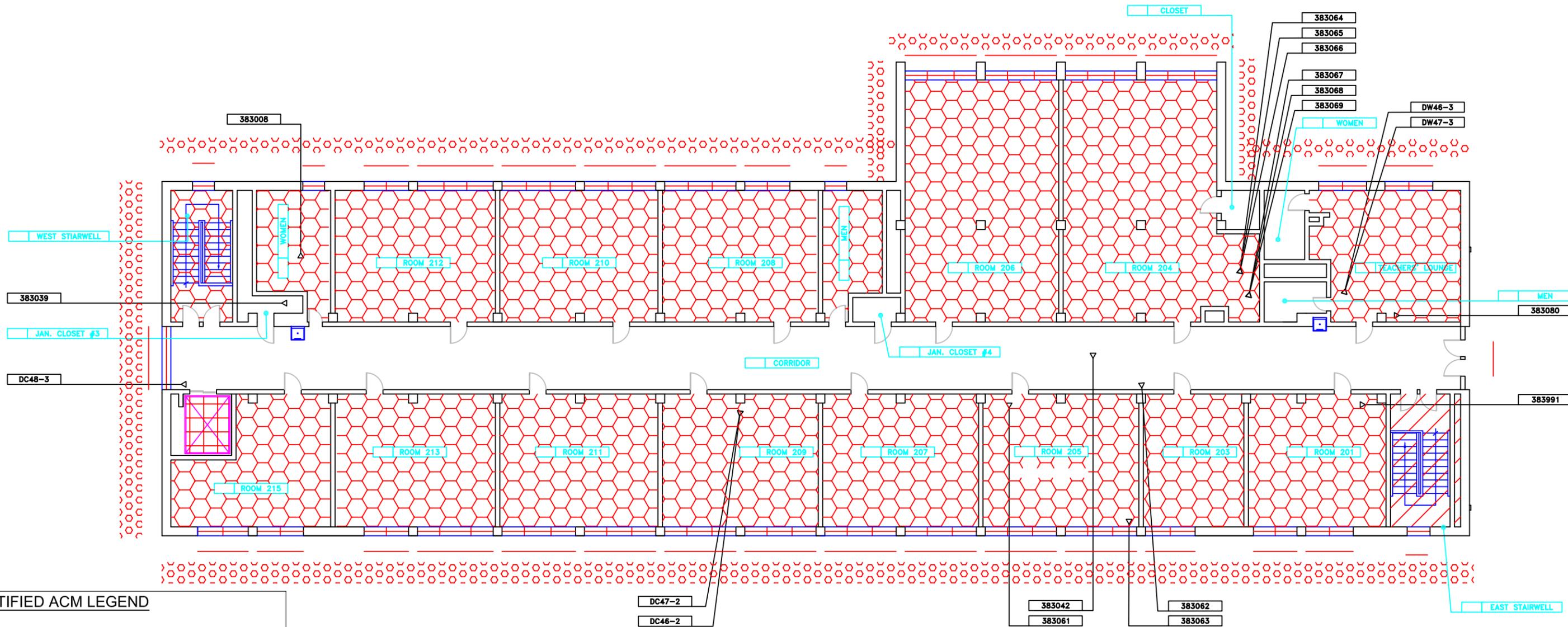
SCHOOL NAME:
WHEELER - GND. FLOOR

DRAWN by: STB

SUB. DATE: 11/25/14

SCALE: NTS

E1307-01 | 1 of 3



IDENTIFIED ACM LEGEND

-  - EXTERIOR WINDOW CAULK
-  - EXTERIOR DOOR CAULK
-  - EXTERIOR PANEL CAULK
-  - INTERIOR DOOR CAULK
-  - INTERIOR WINDOW CAULK
-  - FLOOR TILE AND MASTIC
-  - PIPE FITTINGS
-  - PIPE MASTIC
-  - CONTAINS MULTIPLE ACM MATERIALS (PLEASE REFER TO SECTION 4)

BULK SAMPLE LEGEND

-  = SAMPLE CONTAINS ASBESTOS
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ASBESTOS INSPECTION NOTES

1. ADDITIONAL ASBESTOS MATERIALS MAY BE PRESENT IN INACCESSIBLE LOCATIONS.



TITLE:
ASBESTOS PLAN
 CLIENT NAME:
STATE OF MISSOURI - DESE
 SCHOOL NAME:
WHEELER - 2nd FLOOR

DRAWN by: STB
 SUB. DATE: 11/25/14
 SCALE: NTS
 E1307-01 | 3 of 3

HM #8, Asbestos-Containing White Mudded Pipe Fittings



HM #9, Asbestos-Containing Light Reflector Paper



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	MSD - Wheeler Hall
Location:	Fulton, Missouri
Date:	March 21, 2014

HM #13, Asbestos-Containing 9" x 9" Brown Floor Tile and Mastic



HM #14, Asbestos-Containing 9" x 9" Beige Floor Tile and Mastic



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #18, Asbestos-Containing Duct Insulation



HM #19, Asbestos-Containing 9" x 9" White w/Black Floor Tile and Mastic



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #25, Asbestos-Containing 12" x 12" Beige and Grey Floor Tile and Mastic



HM #26, Asbestos-Containing 9" x 9" Grey w/Black and Orange Streaks Floor Tile & Mastic



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #32, Asbestos-Containing 10" x 12" White w/Grey Floor Tile and Mastic



HM #35, Assumed Asbestos-Containing Transite Panel



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #36, Assumed Asbestos-Containing Transite Panel Fume Hood



HM #37, Assumed Asbestos-Containing Fire Door



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #40, **Asbestos-Containing** Grey Window Misc Caulking Material



HM #43, **Assumed Asbestos-Containing** Gasket Material



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #44, Asbestos-Containing White Pipe Mastic



HM #45, Asbestos-Containing White Window Misc Caulking Material



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116

816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	October 2, 2007

HM #55, Asbestos-Containing Grey Door Misc Caulking Material



HM #57, Asbestos-Containing 12" x 12' Brown Wood Chip Floor Tile and Mastic



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116
816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	March 21, 2014

HM #60, Asbestos-Containing White Window Glazing



HM #61, Asbestos-Containing Beige Misc Caulking Material on Metal Panels



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116
816-231-5580 / 1-800-950-1953

Client Name: State of Missouri
Project Name: Wheeler Hall
Location: Fulton, Missouri
Date: March 21, 2014

HM #63, **Asbestos-Containing** Grey Window Misc Caulking Material on Sashes



HM #64, **Asbestos-Containing** White Door Misc Caulking Material



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Kansas City, MO 64116
816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	March 21, 2014

HM #66, Assumed Asbestos-Containing Black Roofing Material



PHOTOGRAPH NOT AVAILABLE FOR HM #59 - PLEASE REFER TO
2004/2007 REINSPECTION FOR ADDITIONAL INFORMATION



4151 N. Mulberry Ln., Suite 275
Kansas City, MO 64116
816-231-5580 / 1-800-950-1953

Client Name:	State of Missouri
Project Name:	Wheeler Hall
Location:	Fulton, Missouri
Date:	March 21, 2014

Section 1 Introduction

OCCU-TEC, Inc. (OCCU-TEC) performed an Asbestos Hazard Emergency Response Act (AHERA) style asbestos survey of the facility to identify ACBM's more thoroughly and accurately than past inspections. This report identifies both negative (black) and positive (red) locations of asbestos content (friable and non-friable ACBM) and provides an assessment of friable ACBM material's hazard potential to building occupants; it also provides removal cost estimates.

Friable ACBMs are materials that can be reduced to powder with hand pressure such as fireproofing, sprayed-on acoustic ceilings, ceiling tile, pipe insulation, and other miscellaneous materials. Because friable materials are more likely to release asbestos fibers into the air when disturbed than non-friable materials, friable materials are considered a greater health concern. All other materials such as floor tile, mastics, stucco and roofing are considered non-friable materials. Non-friable materials can become friable by crushing, sanding, sawing, shot-blasting, severe weathering or by other mechanically induced means.

Removal cost estimates are for budgeting purposes only and should not be used as a quote for removal of the materials. It is not our recommendation to remove these materials unless they are beyond repair, or planned demolition or renovation activities will disturb the materials. Estimates are based on recent pricing we have received from contractors performing similar work and may vary from actual prices obtained due to the actual scope of work, quantity of material removed, control measures specified and contractor workloads.

REINSPECTION SUMMARY

Homogenous materials were previously identified and reported in the 2004/2007 asbestos reinspection reports by inspectors as assumed ACM due to access restrictions, sampling restrictions to maintain material integrity, or were erroneously identified as suspect ACM. During the course of the 2013 reinspection a licensed asbestos inspector was able to determine that the following materials were not suspect asbestos-containing materials as defined by the EPA or were sampled and determined to be non-ACM. EPA AHERA considers some materials such as glass, fiberglass, wood, rubber, metal, and foam as known non-ACBM.

2004/2007 HM Number	Non-Asbestos Material
FD-37	Fire Door

OCCU-TEC also considered roofing materials to be outside of the AHERA inspection scope of work. Any future projects impacting the roofing materials would require sampling of those materials prior to renovation.

DISCLAIMER

This report is prepared for the express use and benefit of State of Missouri, its agents and employees. The information in this report or portions thereof may be required to be included in notifications to employees, contractors or other visitors to the building(s). This report is not intended to be used as a specification or work plan for any of the work suggested or recommended in this report.

This report is based upon conditions and practices observed at the property and information made available to the surveyor. Because OCCU-TEC Inc. did not perform destructive sampling on structural elements, the possibility exists that some Asbestos Containing Materials (ACM) were not identified in this inspection which could be located in inaccessible areas (within walls, pipe chases, ducts, etc.). If materials are found that do not match materials sampled, they should be Presumed Asbestos Containing Materials (PACM), as defined in the OSHA Construction Standard for Asbestos 29 CFR 1926.1101, and treated as ACM until sampling and laboratory analysis meeting the OSHA requirements is conducted.

This report references only materials determined to be ACM. For a complete list of all homogeneous materials sampled at the subject property as part of ongoing asbestos management operations, the reader should refer to the Asbestos Management Plan and Reinspection Reports completed in 2004 and 2007.

Section 2 Description of Building Construction and Systems

Number of Floors: 3 Year Built: 1960's Total Square Footage: 33,700

Building Description/Comments:

Building is constructed of brick and mortar supported by metal I-beams with composite roof shingles on a metal substrate. The building is positioned on a concrete pad.

Section 3 Summary of Positive Homogeneous Materials

Each unique material within the building has been assigned a unique Homogeneous Material/HM number by the surveyor at the time of the inspection. A homogeneous material as defined by EPA AHERA is an area of surfacing material, thermal system insulation material, or miscellaneous material that is uniform in color and texture. This section is organized sequentially by homogeneous material

Complete information on asbestos containing materials is included in Section 4 of this report.

<i>Site Information</i>	<i>Survey Performed By</i>	<i>Inspection Date</i>
MSD - Wheeler Building	OCCU-TEC, INC.	March 21, 2014

Suspect Material	HM Number	Material Location(s)	Floor	Asbestos Present
White Mudded Pipe Fittings	PF-08	Assistant Business Manager's Office	1	Yes
		Business Manager Office	1	Yes
		Copy Room	1	Yes
		East Stairwell	1	Yes
		Inner Lobby	1	Yes
		North Corridor	1	Yes
		Reception Area	2	Yes
Light Reflector Paper	LRP-09	East Stairwell	1	Yes
		Men's Office Restroom	1	Yes
		Men's Restroom 1	1	Yes
		Men's Restroom 2	2	Yes
		North Corridor	1	Yes
		Room 204 Closet	2	Yes
		Vault	1	Yes
		Vestibule	1	Yes
		West Stairwell	1	Yes
		Women's Office Restroom	1	Yes
		Women's Restroom 1	1	Yes
		Women's Restroom 2	2	Yes
9 x 9 Brown Floor Tile & Mastic	FTM-13	Files	2	Yes
9 x 9 Beige Floor Tile & Mastic	FTM-14	Office 2	2	Yes
		Office 3	2	Yes
		Reception Area	2	Yes
		Restroom 2	2	Yes
		Restroom 3	2	Yes
		Superintendent's Closet 1	2	Yes
		Superintendent's Closet 2	2	Yes
		Superintendent's Closet 3	2	Yes
		Superintendent's Office	2	Yes
		Superintendent's Restroom 1	2	Yes
		Superintendents Restroom Closet	2	Yes

Suspect Material	HM Number	Material Location(s)	Floor	Asbestos Present
9 x 9 White with Black Floor Tile & Mastic	FTM-19	1st Floor Corridor	1	Yes
		2nd Floor Corridor	2	Yes
		Assistant Business Manager's Office	1	Yes
		Business Manager Office	1	Yes
		Business Office	1	Yes
		Conference Room	1	Yes
		East Stairwell	1	Yes
		Electric Room	B	Yes
		Inner Lobby	1	Yes
		Janitor 1	1	Yes
		Janitor 2	1	Yes
		Janitor 3	2	Yes
		Janitor 4	2	Yes
		Library Storage	1	Yes
		Nurse's Office	1	Yes
		Personnel Office	1	Yes
		Principal's Office	1	Yes
		Receptionist Office	1	Yes
		Room 102	1	Yes
		Room 104	1	Yes
		Room 104A	1	Yes
		Room 108	1	Yes
		Room 109	1	Yes
		Room 111	1	Yes
		Room 113	1	Yes
		Room 201	2	Yes
		Room 203	2	Yes
		Room 204	2	Yes
		Room 204 Closet	2	Yes
		Room 205	2	Yes
		Room 206	2	Yes
		Room 207	2	Yes
		Room 208	2	Yes
		Room 209	2	Yes
		Room 210	2	Yes
Room 211	2	Yes		
Room 212	2	Yes		
Room 213	2	Yes		
Teacher's Lounge	2	Yes		
Vault	1	Yes		
Vestibule	1	Yes		
West Stairwell	1	Yes		
12 x 12 Beige and Grey Floor Tile & Mastic	FTM-25	Laboratory Room 106	1	Yes

Suspect Material	HM Number	Material Location(s)	Floor	Asbestos Present
9 x 9 Grey with Black and Orange Streaks Floor Tile & Mastic	FTM-26	Library	1	Yes
		Library Office	1	Yes
10 x 12 White with Grey Floor Tile & Mastic	FTM-32	Men's Restroom Entrance	1	Yes
		Women's Restroom Entrance	1	Yes
Transite Panel	TP-35	Business Office	1	Yes (assumed)
		Inner Lobby	1	Yes (assumed)
Transite Panel Fume Hood	TP-36	Laboratory Room 106	1	Yes (assumed)
Gasket Material	GM-43	Mechanical Room	B	Yes (assumed)
White Pipe Mastic	PM-44	Mechanical Room	B	Yes
White Window Misc Caulking Material	Caulk-45	East Stairwell	1	Yes
		Files	2	Yes
		Laboratory Room 106	1	Yes
		Library	1	Yes
		Library Office	1	Yes
		Men's Restroom 1	1	Yes
		Nurse's Office	1	Yes
		Office 2	2	Yes
		Office 3	2	Yes
		Personnel Office	1	Yes
		Principal's Office	1	Yes
		Reception Area	2	Yes
		Receptionist Office	1	Yes
		Room 102	1	Yes
		Room 104	1	Yes
		Room 109	1	Yes
		Room 111	1	Yes
		Room 113	1	Yes
		Room 201	2	Yes
		Room 203	2	Yes
		Room 204	2	Yes
		Room 205	2	Yes
Room 206	2	Yes		
Room 207	2	Yes		
Room 208	2	Yes		
Room 209	2	Yes		
Room 210	2	Yes		
Room 211	2	Yes		

Suspect Material	HM Number	Material Location(s)	Floor	Asbestos Present
		Room 212	2	Yes
		Room 213	2	Yes
		Room 215	2	Yes
		Superintendent's Office	2	Yes
		Teacher's Lounge	2	Yes
		West Stairwell	1	Yes
		Women's Restroom 1	1	Yes
		Women's Restroom 2	2	Yes
Grey Door Misc Caulking Material	Caulk-55	Covered Walkway	1	Yes
		Library	1	Yes
		Main Lobby	1	Yes
		Main Lobby Vestibule	1	Yes
		North Corridor	1	Yes
12 x 12 Brown Wood Chip Floor Tile & Mastic	FTM-57	Elevator	1	Yes
White Spray Applied Acoustical Ceiling Material	SA-59	Admin Stairs	1	Yes
White Window Glazing	WGLZ-60	Art Room	B	Yes
		East Stairwell	1	Yes
		Laboratory Room 106	1	Yes
		Library	1	Yes
		Library Office	1	Yes
		Men's Restroom 1	1	Yes
		Men's Restroom 2	2	Yes
		Nurse's Office	1	Yes
		Personnel Office	1	Yes
		Principal's Office	1	Yes
		Receptionist Office	1	Yes
		Room 102	1	Yes
		Room 104	1	Yes
		Room 108	1	Yes
		Room 109	1	Yes
		Room 111	1	Yes
		Room 113	1	Yes
		Room 201	2	Yes
		Room 203	2	Yes
		Room 204	2	Yes
		Room 205	2	Yes
		Room 206	2	Yes
		Room 207	2	Yes
		Room 208	2	Yes
		Room 209	2	Yes

Suspect Material	HM Number	Material Location(s)	Floor	Asbestos Present
		Room 210	2	Yes
		Room 211	2	Yes
		Room 212	2	Yes
		Room 213	2	Yes
		Room 215	2	Yes
		Teacher's Lounge	2	Yes
		West Stairwell	1	Yes
		Women's Restroom 1	1	Yes
		Women's Restroom 2	2	Yes
Beige Misc Caulking Material on Metal Panels	Caulk-61	North Exterior	Ext	Yes
		South Exterior	Ext	Yes
		West Exterior	Ext	Yes
Grey Window Misc Caulking Material on Sills	Caulk-62	North Exterior	Ext	Yes
		South Exterior	Ext	Yes
		West Exterior	Ext	Yes
Grey Window Misc Caulking Material on Sashes	Caulk-63	North Exterior	Ext	Yes
		South Exterior	Ext	Yes
		West Exterior	Ext	Yes
White Door Misc Caulking Material	Caulk-64	South Exterior	Ext	Yes
Brown Door Misc Caulking Material	Caulk-65	North Exterior	Ext	Trace
		West Exterior	Ext	Trace

Section 4 Material Information Tables

Site Information

MO School for the Deaf
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Client Information

State of Missouri
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OCCU-TEC, Inc.	Pat Garcia	June 17, 2014	E1307-01

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
White Spray Applied Acoustical Ceiling Material	SA-59	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
Surfacing	Friable	Friable	60	Square Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

<i>Material Location(s)</i>	<i>Floor</i>	<i>Location Quantity</i>	<i>Location Condition</i>	<i>Material Comments (by location)</i>
Admin Stairs	1	60	Good	

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
SA-59-1 Admin Stairs	1	Yes	20%	1) Spray-on Acoustical	20% Chrysotile
SA-59-2 Admin Stairs	1	No	NA	NA	NA
SA-59-3 Admin Stairs	2	No	NA	NA	NA

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
White Pipe Mastic	PM-44	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
Miscellaneous	Friable	Friable	48	Linear Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

<i>Material Location(s)</i>	<i>Floor</i>	<i>Location Quantity</i>	<i>Location Condition</i>	<i>Material Comments (by location)</i>
Mechanical Room	B	34	Good	

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
PM-44-1 Mechanical Room North Center	B	Yes	0%	1) Pipe Mastic	None Detected
PM-44-2 Mechanical Southeast Center	B	Yes	0%	1) Mastic	None Detected
PM-44-3 Mechanical Southwest Center	B	Yes	25%	1) Pipe Covering	25% Chrysotile

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
White Mudded Pipe Fittings	PF-08	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
TSI	Friable	Friable	59	Linear Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

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Inspector

Pat Garcia

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Job Number

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Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Assistant Business Manager's Office	1	8	Good	Above Ceiling
North Corridor	1	7	Good	
Reception Area	2	4	Good	In Pipe Chase
Inner Lobby	1	10	Good	Above Ceiling
Business Manager Office	1	6	Good	Above Ceiling
Copy Room	1	5	Good	Above Ceiling
Basement Corridor	B	1	Good	
East Stairwell	1	16	Good	In Pipe Chase
Mechanical Room	B	2	Poor	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
PF-08-1 North Corridor West End	1	Yes	2%	1) Pipe Insulation 2) Pipe Insulation	1.5% Chrysotile 2% Amosite
PF-08-2 East Stairwell East Center Chase	1	No	NA	NA	NA
PF-08-3 Mechanical Room North Center	1	No	NA	NA	NA
PF-08-4 Inner Lobby North Center Chase	B	No	NA	NA	NA

Material Description	Material Number	Asbestos Present
10x12" White w/ Grey Floor Tile & mastic	FTM-32	Yes

Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	10	Square Feet

General Condition	Overall Material Assessment	Recommended Response
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Men's Restroom Entrance	1	5	Good	
Women's Restroom Entrance	1	5	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
FTM-32-383076 Women's Restroom Entrance	1	Yes	2%	1) Floor Tile 2) Mastic	None Detected 3% Chrysotile
FTM-32-383077 Women's Restroom Entrance	1	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed
FTM-32-383078 Women's Restroom Entrance	1	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed

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Material Description		Material Number	Asbestos Present	
12x12" Beige & Grey Floor Tile & Mastic		FTM-25	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	780	Square Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		
General Material Comments				

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)	
Laboratory Room 106	1	780	Good	10 SF tile removed exposing mastic	
Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
FTM-25-383055 Laboratory Room 106	1	Yes	5%	1) Floor Tile 2) Mastic	None Detected 5% Chrysotile
FTM-25-383056 Laboratory Room 106	1	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed
FTM-25-383057 Laboratory Room 106	1	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed

Material Description		Material Number	Asbestos Present	
12x12" Brown Wood Chip Floor Tile & Mastic		FTM-57	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	30	Square Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		
General Material Comments				

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)	
Elevator	1	30	Good		
Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
FTM-57-1 Elevator East Center	1	Yes	7%	1) Floor Tile	7% Chrysotile

Material Description		Material Number	Asbestos Present	
9" Beige Floor Tile & Mastic		FTM-14	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	1,662	Square Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		
General Material Comments				

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Restroom 3	2	35	Good	
Office 2	2	250	Good	Under Carpet
Restroom 2	2	35	Good	

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Superintendent's Office	2	459	Good		Under Carpet
Superintendent's Restroom 1	2	96	Good		
Superintendent's Closet 2	2	24	Good		
Reception Area	2	455	Good		Under Carpet
Superintendents Restroom Closet	2	10	Good		
Office 3	2	250	Good		Under Carpet
Superintendent's Closet 3	2	24	Good		
Superintendent's Closet 1	2	24	Good		

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
FTM-14-383022 Restroom 3	2	Yes	2%	1) Floor Tile 2) Mastic	None Detected 2% Chrysotile
FTM-14-383022 Restroom 2	2	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed
FTM-14-383022 Restroom 3	2	Yes	0%	1) Floor Tile 2) Mastic	None Detected Not Analyzed

Material Description	Material Number	Asbestos Present
9" Brown Floor Tile & Mastic	FTM-13	Yes

Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	108	Square Feet

General Condition	Overall Material Assessment	Recommended Response
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Files	2	108	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
FTM-13-383019 Files	2	Yes	7%	1) Floor Tile 2) Mastic	3% Chrysotile 7% Chrysotile
FTM-13-383020 Files	2	No	NA	NA	NA
FTM-13-383021 Files	2	No	NA	NA	NA

Material Description	Material Number	Asbestos Present
9" Grey w/ Black & Orange Streaks Tile & Mastic	FTM-26	Yes

Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Flooring	Non-Friable	Category I	2,004	Square Feet

General Condition	Overall Material Assessment	Recommended Response
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Libray	1	1,876	Good	Under Carpet

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OCCU-TEC, Inc.	Pat Garcia	June 17, 2014	E1307-01

Library Office	1	128	Good	Under Carpet	
<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
FTM-26-383058 Library	1	Yes	5%	1) Floor Tile 2) Mastic	2% Chrysotile 5% Chrysotile
FTM-26-383059 Library	1	No	NA	NA	NA
FTM-26-383060 Library	1	No	NA	NA	NA

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
9" White w/ black floor tile & mastic	FTM-19	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
Flooring	Non-Friable	Category I	19,022	Square Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

<i>Material Location(s)</i>	<i>Floor</i>	<i>Location Quantity</i>	<i>Location Condition</i>	<i>Material Comments (by location)</i>
Business Office	1	206	Good	Under Carpet
Vault	1	40	Good	Under Carpet
1st Floor Corrido	1	1,960	Good	
Electric Room	B	40	Good	
East Stairwell	1	60	Good	
Personnel Office	1	780	Good	Under Carpet
Receptionist Office	1	520	Good	Under Carpet
Principal's Office	1	468	Good	Under Carpet
Room 111	1	520	Good	
Room 109	1	505	Good	
Vestibule	1	280	Good	
Janitor 1	1	135	Good	
Nurse's Office	1	240	Good	
Janitor 2	1	24	Good	
Library Storage	1	84	Good	
Room 104	1	910	Good	
West Stairwell	1	36	Good	
Room 102	1	300	Good	Under Carpet
Room 203	2	520	Good	
Room 205	2	520	Good	Under Carpet
Room 207	2	520	Good	
Room 209	2	520	Good	
Room 211	2	520	Good	
Room 213	2	520	Good	

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Janitor 3	2	135	Good	
Room 212	2	520	Good	
Room 210	2	520	Good	
Room 208	2	520	Good	
Janitor 4	2	24	Good	
Room 206	2	888	Good	
Room 204	2	969	Good	
Room 204 Closet	2	36	Good	
Teacher's Lounge	2	418	Good	Under Carpet
Conference Room	1	216	Good	Under Carpet
Business Manager Office	1	216	Good	Under Carpet
Room 113	1	520	Good	8 SF Mastic Exposed
Room 201	2	520	Good	
Inner Lobby	1	272	Good	Under Carpet
Assistant Business Manager's Office	1	260	Good	Under Carpet
Room 108	1	520	Good	Under Carpet
Room 104A	1	130	Good	
2nd Floor Corridor	2	2,110	Good	

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
FTM-19-383037 Room 104A	1	Yes	5%	1) Floor Tile 2) Mastic	2% Chrysotile 5% Chrysotile
FTM-19-383038 Janitor 1	1	No	NA	NA	NA
FTM-19-383039 Janitor 3	1	No	NA	NA	NA

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
Beige Misc Caulking Material on Metal Panels	CAULK-61	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
Miscellaneous	Non-Friable	Category I	2,002	Linear Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

<i>Material Location(s)</i>	<i>Floor</i>	<i>Location Quantity</i>	<i>Location Condition</i>	<i>Material Comments (by location)</i>
North Exterior	EXT	970	Fair	
South Exterior	EXT	970	Poor	Deteriorating approx 50 LF
West Exterior	EXT	62	Good	

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
CAULK-61-1 South Exterior Southeast Side	EXT	Yes	5%	1) Caulking	5% Chrysotile

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CAULK-61-2 North Exterior Northwest Corner	EXT	No	NA	NA	NA
CAULK-61-3 North Exterior Northeast Corner	EXT	No	NA	NA	NA

Material Description	Material Number	Asbestos Present
Brown Door Misc Caulking Material	CAULK-65	Trace

Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Miscellaneous	Non-Friable	Category I	40	Linear Feet

General Condition	Overall Material Assessment	Recommended Response
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
North Exterior	EXT	20	Fair	
West Exterior	EXT	20	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
CAULK-65-3 North Exterior Library Entry	EXT	Yes	Trace	1) Caulking	Trace Chrysotile

Material Description	Material Number	Asbestos Present
Grey Door Misc Caulking Material	CAULK-55	Yes

Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Miscellaneous	Non-Friable	Category I	348	Linear Feet

General Condition	Overall Material Assessment	Recommended Response
Good	Potential for Damage/No Damage	Operations & Maintenance

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
North Corridor	1	68	Good	
Main Lobby Vestibule	1	68	Good	
Covered Walkway	1	70	Good	
Main Lobby Vestibule	1	120	Good	
Library	1	22	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
CAULK-55-1 Library Northeast Door	1	Yes	0%	1) Caulking	None Detected
CAULK-55-2 Main Lobby Vestibule Southeast Corner	1	Yes	4%	1) Caulking	4% Chrysotile
CAULK-55-3 Main Lobby East Corner	1	No	NA	NA	NA

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Material Description		Material Number	Asbestos Present	
Grey Window Misc Caulking Material		CAULK-40/63	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Miscellaneous	Non-Friable	Category I	3,147	Linear Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Art Room	B	33	Good	
North Exterior	EXT	587	Fair	
North Exterior	EXT	862	Fair	
North Corridor	1	192	Good	
South Exterior	EXT	587	Good	
South Exterior	EXT	862	Good	
West Exterior	EXT	12	Good	
West Exterior	EXT	12	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
CAULK-63-1 South Exterior Southeast Side	1	Yes	4%	1) Caulking	4% Chrysotile
CAULK-63-2 North Exterior Northwest Corner	1	No	NA	NA	NA
CAULK-63-3 North Exterior Northeast Corner	1	No	NA	NA	NA

Material Description		Material Number	Asbestos Present	
White Window Misc Caulking Material		CAULK-45	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Miscellaneous	Non-Friable	Category I	1,972	Linear Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Reception Area	2	72	Good	
Office 3	2	48	Fair	
Office 2	2	36	Fair	
East Stairwell	1	48	Good	
Receptionist Office	1	18	Good	
Room 109	1	48	Fair	
Nurse's Office	1	24	Fair	
Women's Restroom	1	16	Good	

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OCCU-TEC, Inc.	Pat Garcia	June 17, 2014	E1307-01

Library	1	144	Good
Room 104	1	144	Good
Room 102	1	24	Good
Room 215	2	48	Good
Superintendent's Office	2	72	Good
Personnel Office	1	36	Fair
Room 111	1	72	Fair
Library Room 106	1	96	Good
West Stairwell	1	24	Good
Room 201	2	36	Good
Room 205	2	72	Good
Room 207	2	72	Good
Room 213	2	72	Good
Room 212	2	72	Fair
Room 210	2	72	Fair
Room 208	2	72	Good
Room 206	2	72	Good
Room 204	2	72	Good
Teacher's Lounge	2	48	Good
Files	2	12	Good
Principal's Office	1	36	Good
Room 113	1	62	Fair
Men's Restroom 1	1	16	Fair
Library Office	1	24	Good
Room 203	2	36	Good
Room 209	2	72	Good
Room 211	2	72	Good
Women's Restroom 2	2	12	Good

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
CAULK-45-1 Principal's office Southeast Window	1	Yes	4%	1) Caulking	4% Chrysotile
CAULK-45-2 Reception Area Southwest Window	2	No	NA	NA	NA

<i>Material Description</i>	<i>Material Number</i>	<i>Asbestos Present</i>
White Window Glazing	WGLZ-60	Yes

<i>Material Category</i>	<i>Friable Classification</i>	<i>EPA Category</i>	<i>Total Quantity</i>	<i>Unit of Measurement</i>
Miscellaneous	Non-Friable	Category I	2,600	Linear Feet

<i>General Condition</i>	<i>Overall Material Assessment</i>	<i>Recommended Response</i>
Good	Potential for Damage/No Damage	Operations & Maintenance

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<i>Material Location(s)</i>	<i>Floor</i>	<i>Location Quantity</i>	<i>Location Condition</i>	<i>Material Comments (by location)</i>
Art Room	B	144	Good	
Receptionist Office	1	32	Good	
Principal's Office	1	48	Good	
Room 111	1	136	Good	
Room 113	1	80	Good	
Women's Restroom 1	1	16	Good	
Room 104	1	192	Good	
West Stairwell	1	32	Good	
Room 102	1	32	Good	
Room 211	2	96	Good	
Room 212	2	96	Good	
Teacher's Lounge	2	64	Good	
Room 215	2	64	Good	
Library Office	1	32	Good	
East Stairwell	1	64	Good	
Personnel Office	1	48	Good	
Room 109	1	64	Good	
Men's Restroom 1	1	16	Good	
Nurse's Office	1	32	Good	
Room 108	1	96	Good	
Laboratory Room 106	1	128	Good	
Library	1	192	Good	
Room 201	2	48	Good	
Room 203	2	48	Good	
Room 205	2	96	Good	3 LF Silicon over Caulk
Room 207	2	96	Good	
Room 213	2	96	Good	
Room 210	2	96	Good	
Room 208	2	96	Good	
Room 206	2	96	Good	
Room 204	2	96	Good	
Women's Restroom 2	2	16	Good	
Men's Restroom 2	2	16	Good	

<i>Sample IDs/Location</i>	<i>Floor</i>	<i>Analyzed</i>	<i>Overall Result</i>	<i>Layer(s) reported by lab</i>	<i>Results by Layer</i>
WGLZ-60-1 Art Room South Center	B	Yes	3.25%	1) Window Glazing	3.25% Chrysotile
WGLZ-60-2 Personnel Office South Center	1	Yes	0%	1) Window Glazing	None Detected
WGLZ-60-3 West Stairwell North Center	1	Yes	Trace	1) Window Glazing	<1% Chrysotile

Site Information

MO School for the Deaf
 Building: Wheeler Building
 505 East 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Survey Performed By	Inspector	Inspection Date	Job Number
OCCU-TEC, Inc.	Pat Garcia	June 17, 2014	E1307-01

Material Description		Material Number	Asbestos Present	
Light Reflector Paper		LRP-09	Yes	
Material Category	Friable Classification	EPA Category	Total Quantity	Unit of Measurement
Good	Friable	Friable	30	Square Feet
General Condition	Overall Material Assessment	Recommended Response		
Good	Potential for Damage/No Damage	Operations & Maintenance		

General Material Comments

Material Location(s)	Floor	Location Quantity	Location Condition	Material Comments (by location)
Vault	1	1	Good	
Women's Office Restroom	1	1	Good	
North Corridor	1	11	Good	
East Stairwell	1	4	Good	
Vestibule	1	1	Good	
Women's Restroom 1	1	2	Good	
West Stairwell	1	2	Good	
Room 204 Closet	2	1	Good	
Men's Office Restroom	1	1	Good	
Men's Restroom 1	1	2	Good	1 Exposed
Women's Restroom 2	2	2	Good	
Men's Restroom 2	2	2	Good	

Sample IDs/Location	Floor	Analyzed	Overall Result	Layer(s) reported by lab	Results by Layer
LRP-09-383007 Men's Office Restroom	1	Yes	20%	1) Insulation	20% Chrysotile
LRP-09-383008 Women's Office Restroom	1	No	NA	NA	NA
LRP-09-383009 Men's Office Restroom	1	No	NA	NA	NA

Section 5 Removal Cost Estimate Summary

These estimates are for budgeting purposes only and should not be used as a quote for removal of the materials. It is not our recommendation to remove these materials unless they are beyond repair, or planned demolition or renovation activities will disturb the materials. Estimates are based on recent pricing we have received from contractors performing similar work and may vary from actual prices obtained due to the actual scope of work, quantity of material removed, control measures specified and contractor work loads, etc.

Site Information

School for the Deaf
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 Fulton, MO 65251

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Location

1st Floor Corridor

EPA Category	Suspect Material	HM	QTY.	Units	Removal Costs (Low to High)
Category I	9" White w/ black floor tile & mastic	19	1960	Square Feet	\$3920 - \$9800
Space Removal Costs					\$3920 - \$9800

Location

Admin Stairs

EPA Category	Suspect Material	HM	QTY.	Units	Removal Costs (Low to High)
Friable	White Spray Applied Accoustical Ceiling	59	60	Square Feet	\$300 - \$420
Space Removal Costs					\$300 - \$420

Location

Admin Stairs

EPA Category	Suspect Material	HM	QTY.	Units	Removal Costs (Low to High)
Friable	White Mudded Pipe Fittings	8	8	Linear Feet	\$200
Category I	9" White w/ black floor tile & mastic	19	260	Square Feet	\$520 - \$1300
Space Removal Costs					\$720 - \$1500

Location

Business Manager Office

EPA Category	Suspect Material	HM	QTY.	Units	Removal Costs (Low to High)
Friable	White Mudded Pipe Fittings	8	6	Linear Feet	\$200
Category I	9" White w/ black floor tile & mastic	19	216	Square Feet	\$432 - \$1080
Space Removal Costs					\$632 - \$1280

Location

Business Office

EPA Category	Suspect Material	HM	QTY.	Units	Removal Costs (Low to High)
Category II	Transite Panel	35	52	Linear Feet	\$260 - \$364
Category I	9" White w/ black floor tile & mastic	19	206	Square Feet	\$412 - \$1030
Space Removal Costs					\$672 - \$1394

Site Information

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Location

Conference Room

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	216	Square Feet	\$432 - \$1080
Space Removal Costs					\$432 - \$1080

Location

Copy Room

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	5	Linear Feet	\$200
Space Removal Costs					\$200

Location

Covered Walkway

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Grey Door Caulking Misc Material	55	70	Linear Feet	\$275 - \$412.5
Space Removal Costs					\$275 - \$412.5

Location

East Stairwell

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	4	Square Feet	\$200
Friable	White Mudded Pipe Fittings	8	16	Linear Feet	\$200 - \$400
Category II	White Window Misc Caulking	45	48	Linear Feet	\$240 - \$360
Category II	White Window Caulking	60	64	Linear Feet	\$320 - \$480
Category I	9" White w/ black floor tile & mastic	19	60	Square Feet	\$200 - \$300
Space Removal Costs					\$1160 - \$1740

Location

Elevator

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	12" Brown Wood Chip Floor Tile & mastic	57	30	Square Feet	\$200
Space Removal Costs					\$200

Location

Inner Lobby

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	10	Linear Feet	\$200 - \$250
Category II	Transite Panel	35	52	Linear Feet	\$260 - \$364
Category I	9" White w/ black floor tile & mastic	19	272	Square Feet	\$544 - \$1360
Space Removal Costs					\$1004 - \$1974

Site Information

School for the Deaf
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Location

Janitor 1

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	135	Square Feet	\$270 - \$675
Space Removal Costs					\$270 - \$675

Location

Janitor 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	24	Square Feet	\$200
Space Removal Costs					\$200

Location

Laboratory Room 106

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Transite Panel Fume Hood	36	80	Square Feet	\$560 - \$800
Category II	White Window Misc Caulking	45	96	Linear Feet	\$480 - \$720
Category II	White Window Caulking	60	128	Linear Feet	\$640 - \$960
Category I	12" beige & Grey Floor Tile & mastic	25	780	Square Feet	\$1560 - \$3900
Space Removal Costs					\$3240 - \$6380

Location

Library

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	144	Linear Feet	\$720 - \$1080
Category II	Grey Door Caulking	55	22	Linear Feet	\$200
Category II	White Window Caulking	60	192	Linear Feet	\$960 - \$1440
Category I	9" Grey w/ black & orange streaks floor tile & mastic	26	1876	Square Feet	\$3752 - \$9380
Space Removal Costs					\$5632 - \$12100

Location

Library Office

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	24	Linear Feet	\$200
Category II	White Window Caulking	60	32	Linear Feet	\$200 - \$240
Category I	9" Grey w/ black & orange streaks floor tile & mastic	26	128	Square Feet	\$256 - \$640
Space Removal Costs					\$656 - \$1040

Location

Library Storage

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	84	Square Feet	\$200 - \$420
Space Removal Costs					\$200 - \$420

Site Information

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Location

Main Library

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Grey Door Caulking	55	120	Linear Feet	\$600 - \$900
Space Removal Costs					\$600 - \$900

Location

Main Lobby Vestibule

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Grey Door Caulking	55	68	Linear Feet	\$340 - \$510
Space Removal Costs					\$340 - \$510

Location

Men's Office Restroom

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	1	Square Feet	\$200
Space Removal Costs					\$200

Location

Men's Restroom 1

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	2	Square Feet	\$200
Category II	White Window Misc Caulking	45	16	Linear Feet	\$200
Category II	White Window Caulking	60	16	Linear Feet	\$200
Space Removal Costs					\$600

Location

Men's Restroom Entrance

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	10x12" white w/ grey floor tile & mastic	32	5	Square Feet	\$200
Space Removal Costs					\$200

Location

North Corridor

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	7	Linear Feet	\$200
Friable	Light Reflector Paper	9	11	Square Feet	\$200 - \$275
Category II	Grey Door Caulking	55	68	Linear Feet	\$340 - \$510
Category II	Grey Window Caulking	40	192	Square Feet	\$960 - \$1440
Space Removal Costs					\$1700 - \$2425

Site Information

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Location

Nurse's Station

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	24	Linear Feet	\$200
Category II	White Window Caulking	60	32	Linear Feet	\$200 - \$240
Category I	9" White w/ black floor tile & mastic	19	240	Square Feet	\$480 - \$1200
Space Removal Costs					\$880 - \$1640

Location

Personnel Office

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	36	Linear Feet	\$200
Category II	White Window Caulking	60	48	Linear Feet	\$240 - \$360
Category I	9" White w/ black floor tile & mastic	19	780	Square Feet	\$1560 - \$3900
Space Removal Costs					\$1960 - \$4460

Location

Principal's Office

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	36	Linear Feet	\$200 - \$270
Category II	White Window Caulking	60	48	Linear Feet	\$240 - \$360
Category I	9" White w/ black floor tile & mastic	19	468	Square Feet	\$936 - \$2340
Space Removal Costs					\$1336 - \$2970

Location

Receptionist Office

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	18	Linear Feet	\$200
Category II	White Window Caulking	60	32	Linear Feet	\$200 - \$240
Category I	9" White w/ black floor tile & mastic	19	300	Square Feet	\$600 - \$1500
Space Removal Costs					\$1000 - \$1940

Location

Room 104

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	144	Linear Feet	\$720 - \$1080
Category II	White Window Caulking	60	192	Linear Feet	\$960 - \$1440
Category I	9" White w/ black floor tile & mastic	19	910	Square Feet	\$1820 - \$4550
Space Removal Costs					\$3500 - \$7070

Site Information

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 Building: Wheeler building
 505 E. 5th Street
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Location

Room 104 A

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	130	Square Feet	\$260 - \$650
Space Removal Costs					\$260 - \$650

Location

Room 108

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1520 - \$3320

Location

Room 109

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	48	Linear Feet	\$240 - \$360
Category II	White Window Caulking	60	64	Linear Feet	\$320 - \$480
Category I	9" White w/ black floor tile & mastic	19	505	Square Feet	\$1010 - \$2525
Space Removal Costs					\$1570 - \$3365

Location

Room 111

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	136	Linear Feet	\$680 - \$1020
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$2080 - \$4160

Location

Room 113

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	62	Linear Feet	\$310 - \$465
Category II	White Window Caulking	60	80	Linear Feet	\$400 - \$600
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1750 - \$ 3665

Location

Vault

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	1	Square Feet	\$200
Category I	9" White w/ black floor tile & mastic	19	40	Square Feet	\$200
Space Removal Costs					\$400

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Location

Vestibule

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	1	Square Feet	\$200
Category I	9" White w/ black floor tile & mastic	19	280	Square Feet	\$460 - \$1400
Space Removal Costs					\$660 - \$1600

Location

West Stairwell

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	2	Square Feet	\$200
Category II	White Window Misc Caulking	45	24	Linear Feet	\$200
Category II	White Window Caulking	60	32	Linear Feet	\$200 - \$240
Category I	9" White w/ black floor tile & mastic	19	36	Square Feet	\$200
Space Removal Costs					\$800 - \$840

Location

Women's Office Restroom

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	1	Square Feet	\$200
Space Removal Costs					\$200

Location

Women's Restroom 1

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	2	Square Feet	\$200
Category II	White Window Misc Caulking	45	16	Linear Feet	\$200
Category II	White Window Caulking	60	16	Linear Feet	\$200
Space Removal Costs					\$600

Location

Women's Restroom Entrance

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	10x12" White w/ Grey Floor Tile & Mastic	32	5	Square Feet	\$200
Space Removal Costs					\$200

Location

2nd Floor Corridor

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	2110	Square Feet	\$4220 - \$10550
Space Removal Costs					\$4220 - \$10550

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Location

Files

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	12	Linear Feet	\$200
Category I	9" Brown Floor Tile & mastic	13	108	Linear Feet	\$216 - \$540
Space Removal Costs					\$416 - \$740

Location

Janitor 3

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	135	Square Feet	\$270 - \$675
Space Removal Costs					\$270 - \$675

Location

Janitor 4

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	24	Square Feet	\$200
Space Removal Costs					\$200

Location

Men's Restroom 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	2	Square Feet	\$200
Category II	White Window Caulking	60	16	Linear Feet	\$200
Space Removal Costs					\$400

Location

Office 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	36	Linear Feet	\$200 - \$270
Category I	9" Beige Floor Tile & Mastic	14	250	Square Feet	\$500 - \$1250
Space Removal Costs					\$700 - \$1320

Location

Office 3

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	48	Linear Feet	\$240 - \$360
Category I	9" Beige Floor Tile & Mastic	14	250	Square Feet	\$500 - \$1250
Space Removal Costs					\$740 - \$1610

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Location

Reception Area

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	4	Linear Feet	\$200
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category I	9" Beige Floor Tile & Mastic	14	455	Square Feet	\$910 - \$2275
Space Removal Costs					\$1470 - \$3015

Location

Restroom 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	35	Square Feet	\$200
Space Removal Costs					\$200

Location

Restroom 3

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	35	Square Feet	\$200
Space Removal Costs					\$200

Location

Room 201

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	36	Linear Feet	\$200 - \$270
Category II	White Window Caulking	60	48	Linear Feet	\$240 - \$360
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1480 - \$3230

Location

Room 203

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	36	Linear Feet	\$200 - \$270
Category II	White Window Caulking	60	48	Linear Feet	\$240 - \$360
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1480 - \$3230

Location

Room 204

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	969	Square Feet	\$1938 - \$4845
Space Removal Costs					\$2778 - \$6105

Site Information

School for the Deaf
 Building: Wheeler building
 505 E. 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Location

Room 204 Closet

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	1	Square Feet	\$200
Category I	9" White w/ black floor tile & mastic	19	36	Square Feet	\$200
Space Removal Costs					\$400

Location

Room 205

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 206

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	888	Square Feet	\$1776 - \$4440
Space Removal Costs					\$2616 - \$5700

Location

Room 207

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 208

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Site Information

School for the Deaf
 Building: Wheeler building
 505 E. 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Location

Room 209

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 210

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 211

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 212

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Location

Room 213

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category II	White Window Caulking	60	96	Linear Feet	\$480 - \$720
Category I	9" White w/ black floor tile & mastic	19	520	Square Feet	\$1040 - \$2600
Space Removal Costs					\$1880 - \$3860

Site Information

School for the Deaf
 Building: Wheeler building
 505 E. 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Location

Room 215

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	48	Linear Feet	\$240 - \$360
Category II	White Window Caulking	60	64	Linear Feet	\$320 - \$480
Space Removal Costs					\$560 - \$840

Location

Superintendent's Closet 1

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	24	Square Feet	\$200
Space Removal Costs					\$200

Location

Superintendent's Closet 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	24	Square Feet	\$200
Space Removal Costs					\$200

Location

Superintendent's Closet 3

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	24	Square Feet	\$200
Space Removal Costs					\$200

Location

Superintendent's Office

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	72	Linear Feet	\$360 - \$540
Category I	9" Beige Floor Tile & Mastic	14	459	Square Feet	\$918 - \$2295
Space Removal Costs					\$1278 - \$ 2835

Location

Superintendent's Restroom 1

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	96	Square Feet	\$200 - \$480
Space Removal Costs					\$200 - \$480

Location

Superintendent's Restroom Closet

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" Beige Floor Tile & Mastic	14	10	Square Feet	\$200
Space Removal Costs					\$200

Site Information

School for the Deaf
 Building: Wheeler building
 505 E. 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Location

Teacher's Lounge

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Window Misc Caulking	45	48	Linear Feet	\$240 - \$360
Category II	White Window Caulking	60	64	Linear Feet	\$320 - \$480
Category I	9" White w/ black floor tile & mastic	19	418	Square Feet	\$832 - \$2090
Space Removal Costs					\$1392 - \$2930

Location

Women's Restroom 2

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	Light Reflector Paper	9	2	Square Feet	\$200
Category II	White Window Misc Caulking	45	12	Linear Feet	\$200
Category II	White Window Caulking	60	16	Linear Feet	\$200
Space Removal Costs					\$600

Location

Art Room

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Grey Window Caulking	40	33	Linear Feet	\$200 - \$247.5
Category II	White Window Caulking	60	144	Linear Feet	\$720 - \$1080
Space Removal Costs					\$920 - \$1327.5

Location

Basement Corridor

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	1	Linear Feet	\$200
Space Removal Costs					\$200

Location

Electric Room

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category I	9" White w/ black floor tile & mastic	19	40	Square Feet	\$200
Space Removal Costs					\$200

Location

Mechanical Room

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Friable	White Mudded Pipe Fittings	8	2	Linear Feet	\$200
Category II	White Window Caulking	44	34	Linear Feet	\$200 - \$255
Space Removal Costs					\$400 - \$455

Site Information

School for the Deaf
 Building: Wheeler building
 505 E. 5th Street
 Fulton, MO 65251

Client Information

State of Missouri
 301 W. High Street, HST 730
 Jefferson City, MO 65102

Location

North Exterior

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Beige Caulking on Metal Panel	61	970	Linear Feet	\$4850 - \$7275
Category II	Grey Window Caulking on Sills	62	587	Linear Feet	\$2935 - \$4402.5
Category II	Grey Window Caulking on Sashes	63	862	Linear Feet	\$4310 - \$6465
Space Removal Costs					\$7695 - \$18141.5

Location

South Exterior

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	White Door Caulking	64	35	Linear Feet	\$200 - \$262.5
Category II	Beige Caulking on Metal Panel	61	970	Linear Feet	\$4850 - \$7275
Category II	Grey Window Caulking on Sills	62	587	Linear Feet	\$2935 - \$4402.5
Category II	Grey Window Caulking on Sashes	63	862	Linear Feet	\$4310 - \$6465
Space Removal Costs					\$7895 - \$18404

Location

West Exterior

<i>EPA Category</i>	<i>Suspect Material</i>	<i>HM</i>	<i>QTY.</i>	<i>Units</i>	<i>Removal Costs (Low to High)</i>
Category II	Beige Caulking on Metal Panel	61	62	Linear Feet	\$310 - \$465
Category II	Grey Window Caulking on Sills	62	12	Linear Feet	\$200
Category II	Grey Window Caulking on Sashes	63	12	Linear Feet	\$200
Space Removal Costs					\$710 - \$865

Appendix A
Definitions of Terms and Assessment Criteria

Definitions of Terms and Assessment Criteria

This survey report organizes information on each suspect ACBM identified in tables located in Section 4. This section defines the terms used to describe materials listed in Section 4.

Material description contains the description of the suspect homogeneous asbestos containing building material.

Material Serial Number is used to reference the material for reinspections, etc.

Asbestos type and content describes the type of asbestos and its percentage in the material.

Asbestos Results for positive materials are shown as a percentage. Samples having less than 1% asbestos are reported as containing "Trace" amounts of asbestos and samples with no detected asbestos are reported as "BLD" or below limit if detection.

Sample number(s) identifies a particular material sample obtained from a specific sample location. Sample numbers are used primarily for laboratory identification.

Sample Location identifies where the samples of this material were obtained.

Material Category categorizes each material as surfacing, TSI or miscellaneous.

Surfacing Materials – Asbestos containing materials that are sprayed-on, trowled-on or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

Thermal Systems Insulation (TSI) – Asbestos containing materials applied to pipes, fittings, boilers, breaching, tanks, ducts or other interior structural components to prevent heat loss or gain or water condensation.

Miscellaneous Materials – Asbestos containing materials applied to or a part of building components that are not classified as surfacing materials or thermal systems insulation.

Presumed Asbestos Containing Material (PACM) – presumed because sampling would permanently damage the integrity of the component or is physically practical.

Quantity & Units reports approximate total quantity per unit of measure for each material.

Building(s) & Floor(s) specifies where a material is located.

Material Location describes where the material is found throughout the building.

Material Condition identifies the material as Friable, Non-friable or Jacketed (for thermal systems insulation only) if asbestos is present.

Friable – An asbestos containing material that can be crumbled, pulverized or reduced to powder, when dry, by hand pressure, such as spray applied fireproofing on structural steel members, spray applied acoustical ceiling materials or damaged thermal systems insulation. Friable materials are of greatest concern due to their potential fiber release.

Non-Friable – An asbestos containing material where the asbestos is bound tightly in a matrix or sealed by a protective layer. Non-friable materials can become friable by being rendered to a crumbled, pulverized or powdered state, when dry, by crushing, sanding, sawing, shot-blasting, severe weathering or by other mechanically induced means. Common examples of non-friable materials are adhesives, floor tiles, transite and roofing materials.

Jacketed – An asbestos containing material applied to thermal systems insulation and "jacketed" with a protective outer layer such as canvas or metal to keep the material in good condition. Undamaged jacketed ACBM is considered non-friable. If the jacketing is damaged, the material is considered friable.

Damage Category describes the type of damage, if any, to the material. The following damage categories are used: None, Physical, Air, and Water.

Material Assessment identifies the condition of the material in relation to physical and water damage, delamination of the material from its substrate, the extent of the damage and the potential for damage from building conditions, such as, accessibility by building occupants, influence of vibration, etc. The six standard assessment charges ranked by hazard potential, with the first being the lowest hazard are as follows: 1) Potential for Damage, 2) Potential for Significant Damage, 3) Damaged 4) Damaged with Potential for Damage, 5) Damaged with Potential for Significant Damage, and 6) Significantly Damaged. Only friable materials are assessed under AHERA regulations. Non-friable materials, unless damaged, are not assessed and can be assumed to be in good condition.

Damaged – The damage or deterioration of the material results in inadequate cohesion or adhesion with crumbling, blistering, water stains, marring or otherwise abraded over less than one-tenth (1/10) of the surface if the damage is evenly distributed or one-fourth (1/4) if the damage is localized.

Significant Damage – The damage or deterioration of the material results in inadequate adhesion or cohesion and the damage is extensive and severe with one or more of the following characteristics: 1) Crumbling or blistering over at least one-tenth (1/10) of the surface if evenly distributed, one-fourth (1/4) if the damage is localized; 2) Areas of the material hanging from the surface, delaminated, or showing adhesive failure; 3) Water stains, gouges or marred.

Recommended Response suggests the appropriate options for controlling or maintaining ACBM in a safe manner. There are four options used:

Operations and Maintenance (O & M) – A program designed to “manage” asbestos in-place. As long as asbestos containing materials remain in a building, an O & M program should be instituted to alert maintenance personnel, custodial workers and outside vendors of the existence and location of these materials and to set a policy for the maintenance of these materials. The material is usually only required to be removed if it is significantly damaged, prior to demolition of the building or if it will be disturbed by renovation activities.

Repair – The restoration of damages or deteriorated asbestos containing building materials to an intact condition. Once the intact condition is established, the material should be included in an O & M program. The material is usually only required to be removed if it is significantly damaged, prior to demolition of the building or if it will be disturbed by renovation activities.

Abate Due to Condition – This material is significantly damaged and is unsafe in its current condition. The access to the area should be restricted to personnel equipped with appropriate personal protection. This material should be properly removed by a licensed contractor using workers trained in the safe removal of asbestos.

Abate Prior to Renovation – This material should be properly removed prior to planned renovation activities by a licensed contractor using workers trained in the safe removal of asbestos. This recommendation is usually made only on survey reports prepared prior to planned renovation activities.

Comments & Damage Description contains any additional information and or specific details of material damage are noted here.

EPA Category provides the appropriate material category as outlined in the NESHAPS regulation. The four options are friable, Category 1, Category 2, and needs determination.

Friable – Materials containing greater than 1% asbestos are always considered Regulated Asbestos Containing Materials (RACM) that require removal prior to building renovation or demolition activities that impact the material.

Category 1 – Materials that are bituminous non-friable and contain more than 1% asbestos that become RACM and require removal only when will be subject to grinding, cutting, sanding or abrading.

Category 2 – Materials that are non-friable and contain more than 1% asbestos that will have a high probability of being crumbled, pulverized or reduced to a powder by the demolition or renovation activity. These materials usually become RACM and will require removal.

Needs Determination – Materials that the individual designing the abatement and demolition project needs to inspect and evaluate to determine the potential for the material to become RACM and/or evaluate the asbestos content for the composite and individual layers of the material. For sheet rock with mudding compounds only, the EPA allows using the composite sample result. If the composite result by Point Counting the sample is below 1% asbestos, the material is not RACM.

Appendix B
Bulk Sampling Protocol and Analytical Methods

Bulk Sampling Protocol and Analytical Methods

Bulk samples of suspect asbestos containing building materials were obtained using standard industrial hygiene techniques including wetting friable materials to minimize friable release. When necessary, our personnel wore half-face air purifying respirators equipped with high efficiency particulate (HEPA) filters while obtaining samples.

Our sampling strategy for suspect friable surfacing materials was based on the guidelines outlined in the EPA publication "Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials," the procedures outlined in 40 CFR 763, Subpart E (ASHERA). For non-friable suspect materials, ASHERA requires the building inspector to determine the appropriate number of samples to obtain and analyze.

Samples with no observable asbestiform minerals are designated as Non-Detect (NAD). Samples in which asbestiform minerals are observed, but exist in concentrations of less than one percent (<1%), are designated as present in Trace (TR) amounts; all other samples are designated as asbestos containing with the appropriate percent of asbestos noted.

Each inspection was conducted by an accredited inspector who:

1. Visually inspected the area to identify the locations of suspected asbestos-containing building material (ACBM).
2. Touched all suspected ACBM to determine friability.
3. Identified all homogeneous areas of suspected friable and nonfriable ACBM.
4. Sampled each identified homogeneous area in accordance with 29 CFR 1910.1001 pursuant to the requirements of 40 CFR 763.86, or assumed the material to be an ACBM.
5. Assessed each identified homogeneous area in each functional space in accordance with 29 CFR 1910.1001 pursuant to the requirements of 40 CFR 763.88.
6. Recorded the following information:
 - a. The date of the inspection, the name and signature of the person(s) performing the inspection, and the inspector accreditation number.
 - b. An inventory of the locations of the homogeneous areas where samples were collected, exact location where each bulk sample was collected, dates that samples were collected, and homogeneous areas where suspected ACBM was assumed to be asbestos-containing material (ACM).
 - c. The name and signature of each inspector who collected the samples, and an accreditation number.
 - d. A list of homogeneous areas identified as surfacing material, thermal system insulation, or miscellaneous material.
 - e. Assessments made of material, the name and signature of each inspector who made the assessments and accreditation number.

Appendix C
Laboratory Bulk Sampling Reports

**NO CHANGE, REFER TO 2004 / 2007 AHERA
MANAGEMENT PLAN**

Appendix D
TEM Laboratory Baseline Air Sampling Reports

**NO CHANGE, REFER TO 2004 / 2007 AHERA
MANAGEMENT PLAN**

Appendix E
Summary of Regulatory Requirements

Appendix E Summary of Regulatory Requirements

This appendix provides a summary of building owner and manager requirements under various asbestos regulations promulgated by the Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA) to protect building occupants and employees from exposure to asbestos.

Survey Requirements

Prior to any renovation activity, OSHA and EPA regulations require that a complete asbestos survey be performed to determine if asbestos is present in any suspect asbestos containing material that will be present in the construction or work area. This survey report addresses accessible material. It is recommended that prior to renovation activities, inaccessible areas that could contain asbestos materials be inspected.

Notification and Posting Requirements

As required by the Occupational Safety and Health Act (OSHA) Asbestos Construction Standard, 29 CFR 1926.1101, all PACM and identified ACM must be included in your building notification statements for employees, tenants, and outside contractors, as well as any other affected parties to prevent exposure to asbestos.

All ACM should be properly labeled and easily identified as ACM. Warning signs should be posted at the entrance of mechanical rooms that contain asbestos.

Removal Requirements

Under EPA regulations, asbestos containing materials must be properly removed by licensed asbestos abatement contractors prior to renovation or demolition activities that would disturb friable materials or cause non-friable materials to become friable and a regulated material.

Repair of Damaged Materials and Cleanup of Debris

OSHA requires that asbestos containing debris be immediately cleaned up. It is recommended that damaged materials that may release fibers be repaired by properly trained personnel as soon as possible to prevent fiber release and potential exposures.

Training Requirements

OSHA requires employers whose employees are likely to or required to disturb asbestos to receive an asbestos training course. Refresher training is required to be provided annually.

Appendix F
Building Inspector Certifications

Expiration Date **9/22/2014**
Training Date: **9/5/2013**

Certificate Number: 7011090513MOIR11347

Missouri State Certificate for Asbestos Related Occupations

issued by Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102
Phone (573) 751-4817

Patricia J. Garcia

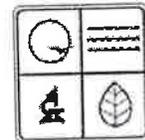
has successfully completed the requirements for certification as a INSPECTOR. This Missouri State Certification is subject to review and the director may deny, suspend or revoke the certification per RSMo chapter 643.230.

9/23/2013

Date

Kyra L Moore

Director of Air Pollution Control Program



Expiration Date **4/15/2015**

Certificate Number: 7011041014MOMR9563

Training Date: **4/10/2014**

Missouri State Certificate for Asbestos Related Occupations

issued by Department of Natural Resources

P.O. Box 176

Jefferson City, MO 65102

Phone (573) 751-4817

Jay W. Hurst

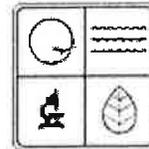
has successfully completed the requirements for certification as a MANAGEMENT PLANNER. This Missouri State Certification is subject to review and the director may deny, suspend or revoke the certification per RSMo chapter 643.230.

4/16/2014

Date

Kyra L Moore

Director of Air Pollution Control Program



Appendix G
O & M Plan (same plan is used for all schools)

**NO CHANGE, REFER TO 2004 / 2007 AHERA
MANAGEMENT PLAN**