

May 23, 2023

Mr. Matthew Griffin  
Facilities Supervisor  
Kyrene School District No. 28  
8700 South Kyrene Road  
Tempe, AZ 85284-2197

**Subject: 6-Month Surveillance Inspection  
Asbestos-Containing Building Materials  
C. I. Waggoner Elementary School  
1050 East Carver Road, Tempe**

Dear Mr. Griffin:

FM GROUP INC has completed the 6-Month Surveillance Inspection of Asbestos-Containing Building Materials (ACBM) at the subject school. The forms detailing the results of this reinspection and reassessment of known ACBM are attached.

The attached tables and forms have been updated to reflect the findings as of the date of this Reinspection and should serve as the Management Plan update.

**Items of significance are: None**

If you have any questions regarding this correspondence, please contact us immediately.

Sincerely,

**FM GROUP INC**



Michael Hall  
Environmental Division Manager



Zach Ridgeway  
AHERA Building Inspector

*Attachments: 6-Month Surveillance Inspection Forms  
6-Month Surveillance Inspection Tables*




## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

School/Facility: C.I. Waggoner Elementary School

Inspection Date: 04/06/2023

Building: Apartment Building

Inspector: Zach Ridgeway Cert. No.: 4380-15665-030823 Signature: 

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Spray-Applied Texture, White, Chalky	S·SAT·01	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M·GWB·02	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S·JTC·03	Y	N	x			1 2 3 4 5 6 7*
Sealant (Doors, Windows, Millwork, Fixtures), White, Pliable	M·SLT·12	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 4"X16", Gray, Cementitious	M·CMU·13	Y	N	x			1 2 3 4 5 6 7*
Mortar, Gray, Cementitious	M·MRT·14	Y	N	x			1 2 3 4 5 6 7*
Concrete (Columns), Gray, Cementitious	M·CON·15	Y	N	x			1 2 3 4 5 6 7*
Stucco, Gray, Cementitious	S·STU·16	Y	N	x			1 2 3 4 5 6 7*
Sealant (Windows), Black, Pliable	M·SLT·17	Y	N	x			1 2 3 4 5 6 7*
Concrete (Foundation), Gray, Cementitious	M·CON·18	Y	N	x			1 2 3 4 5 6 7*
Sealant (Duct), Gray, Pliable	M·SLT·19	Y	N	x			1 2 3 4 5 6 7*
Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	M·BUR·20	Y	N	x			1 2 3 4 5 6 7*
Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	M·MAS·21	Y	N	x			1 2 3 4 5 6 7*
Sealant (Flashings), Gray, Pliable	M·SLT·22	Y	N	x			1 2 3 4 5 6 7*
Concrete (Entries), Gray, Cementitious	M·CON·23	Y	N	x			1 2 3 4 5 6 7*

**\*Assessment Classifications**

1. Damaged or significantly damaged thermal system insulation ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.




## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

School/Facility: C.I. Waggoner Elementary School

Inspection Date: 04/06/2023

Building: Main Building

Inspector: Zach Ridgeway Cert. No.: 4380-15665-030823 Signature: 

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Fire Door Insulation, Metal/Wood Cladding	M-FDI-16	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 4"X4", Tan, Smooth	M-GWT-20	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-21	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile, 2"X2", Tan, Smooth	M-CMT-22	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-23	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pillars), Various, Blue, Smooth, Mosaic Pattern	M-GWT-31	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-32	Y	N	x			1 2 3 4 5 6 7*
Concrete (Pillars), Gray, Cementitious	M-CON-33	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 2"X2", Light Blue, Smooth	W-GWT-37	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), 2"X2", Dark Blue, Smooth	M-GWT-38	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 2"X2", Tan, Smooth	M-GWT-39	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-40	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile (Pattern), 2"X2", Light Blue, Smooth	M-CMT-41	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile (Pattern), 2"X2", Dark Blue, Smooth	M-CMT-42	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile, 2"X2", Tan, Smooth	M-CMT-43	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-44	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 4"X16", Dark Gray, Cementitious, Smooth	M-CMU-46	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 8"X8", Light Blue, Smooth, Blue And White Spots	M-GWT-48	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 8"X8", Blue, Smooth	M-GWT-49	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 8"X8", Tan, Smooth, Blue And White Spots	M-GWT-50	Y	N	x			1 2 3 4 5 6 7*
Concrete, Gray, Cementitious	M-CON-57	Y	N	x			1 2 3 4 5 6 7*
Pipe End Sealant, White, Pliable	M-PES-59	Y	N	x			1 2 3 4 5 6 7*
Adhesive (FRP), Brown, Brittle	M-ADH-60	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 2"X24", Black, Smooth	M-VCT-62	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 2"X24", Red, Smooth	M-VCT-63	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 2"X24", Green, Smooth	M-VCT-64	Y	N	x			1 2 3 4 5 6 7*



## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Vinyl Composition Tile (Strip), 2"X24", Yellow, Smooth	M·VCT·65	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 2"X24", Blue, Smooth	M·VCT·66	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 12"X12", Blue, Smooth	M·VCT·68	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 8"X16", Gray, Cementitious	M·CMU·69	Y	N	x			1 2 3 4 5 6 7*
Mortar, Gray, Cementitious,	M·MRT·70	Y	N	x			1 2 3 4 5 6 7*
Vinyl Stair Tread, 12"X60", Brown, Vinyl-Like, Circle Pattern	M·VST·78	Y	N	x			1 2 3 4 5 6 7*
Mastic, Yellow, Tacky	M·MAS·79	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), Various Sizes, White, Smooth	M·GWT·82	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), Various Sizes, White, Smooth	M·GWT·83	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M·GRT·84	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 2"X2", Tan, Textured	M·GWT·85	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 3"X3", Tan, Textured	M·GWT·86	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M·GRT·87	Y	N	x			1 2 3 4 5 6 7*
Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	M·BUR·92	Y	N	x			1 2 3 4 5 6 7*
Mastic (Penetrations And Flashings), Black, Tar-Like	M·MAS·93	Y	N	x			1 2 3 4 5 6 7*
Sealant (Flashings), White, Tar-Like	M·SLT·94	Y	N	x			1 2 3 4 5 6 7*
Sealant (Flashings), Gray, Pliable	M·SLT·95	Y	N	x			1 2 3 4 5 6 7*
Sealant (Flashings), Black, Pliable	M·SLT·96	Y	N	x			1 2 3 4 5 6 7*
Sealant (Duct), Gray, Pliable	M·SLT·97	Y	N	x			1 2 3 4 5 6 7*

### \*Assessment Classifications

1. Damaged or significantly damaged thermal system insulation ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.




## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

School/Facility: C.I. Waggoner Elementary School

Inspection Date: 04/06/2023

Building: Mechanical Building

Inspector: Zach Ridgeway Cert. No.: 4380-15665-030823 Signature: 

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Concrete Masonry Unit, 4"X16", Gray, Cementitious, Tan	M-CMU-01	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 8"X16", Gray, Cementitious	M-CMU-02	Y	N	x			1 2 3 4 5 6 7*
Mortar, Gray, Cementitious	M-MRT-03	Y	N	x			1 2 3 4 5 6 7*
Concrete (Foundation), Gray, Cementitious	M-CON-04	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M-FDI-05	Y	N	x			1 2 3 4 5 6 7*
Sealant (Doors, Windows), White, Pliable	M-SLT-06	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 4"X16", Dark Gray, Cementitious, Smooth	M-CMU-07	Y	N	x			1 2 3 4 5 6 7*
Brick, 4"X16", Red, Cementitious	M-BRK-08	Y	N	x			1 2 3 4 5 6 7*
Pipe End Sealant, Gray, Pliable	M-PES-12	Y	N	x			1 2 3 4 5 6 7*
Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	M-BUR-13	Y	N	x			1 2 3 4 5 6 7*
Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	M-MAS-14	Y	N	x			1 2 3 4 5 6 7*

**\*Assessment Classifications**

1. Damaged or significantly damaged thermal system insulation ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.




## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

School/Facility: C.I. Waggoner Elementary School

Inspection Date: 04/06/2023

Building: Restroom Building

Inspector: Zach Ridgeway Cert. No.: 4380-15665-030823 Signature: 

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Spray-Applied Texture, White, Chalky	S·SAT·01	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M·GWB·02	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S·JTC·03	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 4"X4", Tan, Smooth	M·GWT·04	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), 4"X4", Light Blue, Smooth	M·GWT·05	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), 4"X4", Blue, Smooth	M·GWT·06	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M·GRT·07	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile, 2"X2", Tan, Smooth	M·CMT·08	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile (Pattern), 2"X2", Light Blue, Smooth	M·CMT·09	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile (Pattern), 2"X2", Blue, Smooth	M·CMT·10	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M·GRT·11	Y	N	x			1 2 3 4 5 6 7*
Sealant (Doors, Millwork, Fixtures), White, Pliable	M·SLT·12	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M·FDI·13	Y	N	x			1 2 3 4 5 6 7*
Troweled-On Texture, White, Chalky	S·TOT·14	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M·GWB·15	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S·JTC·16	Y	N	x			1 2 3 4 5 6 7*
Wallbase (Coved), 4", Blue, Vinyl-Like	M·WAB·17	Y	N	x			1 2 3 4 5 6 7*
Adhesive, Cream, Pliable	M·ADH·18	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile, 12"X12", Tan, Smooth, Multi-Colored	M·VCT·19	Y	N	x			1 2 3 4 5 6 7*
Mastic, Yellow, Tacky	M·MAS·20	Y	N	x			1 2 3 4 5 6 7*
Concrete Masonry Unit, 4"X16", Gray, Cementitious	M·CMU·21	Y	N	x			1 2 3 4 5 6 7*
Mortar, Gray, Cementitious	M·MRT·22	Y	N	x			1 2 3 4 5 6 7*
Concrete (Gutters), Gray, Cementitious	M·CON·23	Y	N	x			1 2 3 4 5 6 7*
Concrete (Foundation), Gray, Cementitious	M·CON·24	Y	N	x			1 2 3 4 5 6 7*
Concrete (Entries), Gray, Cementitious	M·CON·25	Y	N	x			1 2 3 4 5 6 7*
Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	M·BUR·26	Y	N	x			1 2 3 4 5 6 7*
Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	M·MAS·27	Y	N	x			1 2 3 4 5 6 7*



## **6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS**

### **\*Assessment Classifications**

1. Damaged or significantly damaged thermal system insulation ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.

## 6-MONTH SURVEILLANCE INSPECTION TABLE

### IN-PLACE ASBESTOS-CONTAINING MATERIALS

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
S·SAT·01	S	Spray-Applied Texture, White, Chalky	Entry	Assumed	NF	G	3,500	SF
			Entry Closet					
			Bedroom 1					
			Restroom					
			Storage					
			Dining Room					
			Kitchen					
			Living Room					
			Master Bedroom					
			Master Bath					
M·GWB·02	M	Gypsum Wallboard, White, Chalky	Entry	Assumed	NF	G	3,500	SF
			Entry Closet					
			Bedroom 1					
			Restroom					
			Storage					
			Dining Room					
			Kitchen					
			Living Room					
			Master Bedroom					
			Master Bath					
S·JTC·03	S	Joint Compound, White, Chalky	Entry	Assumed	NF	G	350	SF
			Entry Closet					
			Bedroom 1					
			Restroom					
			Storage					
			Dining Room					



MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Kitchen					
			Living Room					
			Master Bedroom					
			Master Bath					
M-SLT-12	M	Sealant (Doors, Windows, Millwork, Fixtures), White, Pliable	Entry	Assumed	NF	G	18	SF
			Entry Closet					
			Bedroom 1					
			Restroom					
			Storage					
			Dining Room					
			Kitchen					
			Living Room					
			Master Bedroom					
			Master Bath					
M-CMU-13	M	Concrete Masonry Unit, 4"X16", Gray, Cementitious	Exterior	Assumed	NF	G	2,000	SF
M-MRT-14	M	Mortar, Gray, Cementitious	Exterior	Assumed	NF	G	200	SF
M-CON-15	M	Concrete (Columns), Gray, Cementitious	Exterior	Assumed	NF	G	100	SF
S-STU-16	M	Stucco, Gray, Cementitious	Exterior	Assumed	NF	G	350	SF
M-SLT-17	M	Sealant (Windows), Black, Pliable	Exterior	Assumed	NF	G	4	SF
M-CON-18	M	Concrete (Foundation), Gray, Cementitious	Entry	Assumed	NF	G	1,500	SF
			Entry Closet					
			Bedroom 1					
			Restroom					
			Storage					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Dining Room					
			Kitchen					
			Living Room					
			Master Bedroom					
			Master Bath					
M-SLT-19	M	Sealant (Duct), Gray, Pliable	Roof	Assumed	NF	G	5	SF
M-BUR-20	M	Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	Roof	Assumed	NF	G	1,200	SF
M-MAS-21	M	Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	Roof	Assumed	NF	G	10	SF
M-SLT-22	M	Sealant (Flashings), Gray, Pliable	Roof	Assumed	NF	G	20	SF
M-CON-23	M	Concrete (Entries), Gray, Cementitious	Exterior	Assumed	NF	G	200	SF

## 6-MONTH SURVEILLANCE INSPECTION TABLE

### IN-PLACE ASBESTOS-CONTAINING MATERIALS

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-FDI-16	M	Fire Door Insulation, Metal/Wood Cladding	Reception	Assumed	NF	G	2,562	SF
			Receiving					
			Room 04A					
			Girl's Restroom 3					
			Boy's Restroom 3					
			Electrical 6					
			Treatment					
			Assistant Principal					
			Principal					
			Reading					
			Patio					
			Lounge					
			Electrical 1					
			Women's Restroom 1					
			Men's Restroom 1					
			Library					
			A/V					
			Server					
			Computer 21					
			Classroom 22					
			Classroom 26					
			Classroom 27					
			Classroom 28					
			Classroom 29					
			Classroom 30					
			Classroom 33					
			Classroom 34					
			Classroom 35					
			Classroom 39B					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Classroom 39C					
			Classroom 40					
			Classroom 41					
			Psychology					
			Speech					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Electrical 2					
			Classroom 36					
			Classroom 37					
			Classroom 38					
			Room 39A					
			Classroom 42					
			Boy's Restroom 2					
			Girl's Restroom 2					
			Electrical 3					
			Electrical 5					
			Janitor					
			Art Room 23					
			Vestibule 3					
			Multi-Purpose Room					
			Kitchen					
			P.E. Storage					
			Electrical 4					
			Table Storage					
			North Wing					
			South Wing					
			Music 1					
			Maintenance					
			Music 2					
			Music Storage					
			Classroom 01					
			Classroom 02					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Classroom 03					
			Classroom 04					
			Classroom 05					
			Classroom 06					
			Classroom 07					
			Classroom 08					
			Classroom 09					
			Classroom 10					
			Classroom 11					
			Classroom 12					
			Classroom 13					
			Classroom 14					
			Classroom 15					
			Classroom 16					
			Classroom 17					
			Classroom 18					
			Classroom 19					
			Classroom 20					
			Corridor 01					
			Corridor 02					
			Corridor 03					
			Corridor 04					
			Corridor 05					
			Corridor 06					
			Corridor 07					
			Vestibule 1					
			Vestibule 2					
			Exterior					
M-GWT-20	M	Glazed Wall Tile, 4"X4", Tan, Smooth	Room 39C Restroom	Assumed	NF	G	250	SF
M-GRT-21	M	Grout, Gray, Cementitious	Room 39C Restroom	Assumed	NF	G	25	SF

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-CMT-22	M	Ceramic Mosaic Tile, 2"X2", Tan, Smooth	Room 39C Restroom	Assumed	NF	G	30	SF
M-GRT-23	M	Grout, Gray, Cementitious	Room 39C Restroom	Assumed	NF	G	3	SF
M-GWT-31	M	Glazed Wall Tile (Pillars), Various, Blue, Smooth, Mosaic Pattern	Reading	Assumed	NF	G	400	SF
			Library					
M-GRT-32	M	Grout, Gray, Cementitious	Reading	Assumed	NF	G	40	SF
			Library					
M-CON-33	M	Concrete (Pillars), Gray, Cementitious	Reading	Assumed	NF	G	500	SF
			Library					
			A/V					
M-GWT-37	M	Glazed Wall Tile, 2"X2", Light Blue, Smooth	Girl's Restroom 3	Assumed	NF	G	4,000	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-GWT-38	M	Glazed Wall Tile (Pattern), 2"X2", Dark Blue, Smooth	Girl's Restroom 3	Assumed	NF	G	600	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Boy's Restroom 2					
			Girl's Restroom 2					
M-GWT-39	M	Glazed Wall Tile, 2"X2", Tan, Smooth	Girl's Restroom 3	Assumed	NF	G	600	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-GRT-40	M	Grout, Gray, Cementitious	Girl's Restroom 3	Assumed	NF	G	460	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-CMT-41	M	Ceramic Mosaic Tile (Pattern), 2"X2", Light Blue, Smooth	Girl's Restroom 3	Assumed	NF	G	200	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-CMT-42	M	Ceramic Mosaic Tile (Pattern), 2"X2", Dark Blue, Smooth	Girl's Restroom 3	Assumed	NF	G	200	SF

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-CMT-43	M	Ceramic Mosaic Tile, 2"X2", Tan, Smooth	Girl's Restroom 3	Assumed	NF	G	2,000	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-GRT-44	M	Grout, Gray, Cementitious	Girl's Restroom 3	Assumed	NF	G	240	SF
			Boy's Restroom 3					
			Women's Restroom 1					
			Men's Restroom 1					
			Boy's Restroom 1					
			Girl's Restroom 1					
			Boy's Restroom 2					
			Girl's Restroom 2					
M-CMU-46	M	Concrete Masonry Unit, 4"X16", Dark Gray, Cementitious, Smooth	Exterior	Assumed	NF	G	1,500	SF
M-GWT-48	M	Glazed Wall Tile, 8"X8", Light Blue, Smooth, Blue And White Spots	Exterior	Assumed	NF	G	400	SF



MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-GWT-49	M	Glazed Wall Tile, 8"X8", Blue, Smooth	Exterior	Assumed	NF	G	400	SF
M-GWT-50	M	Glazed Wall Tile, 8"X8", Tan, Smooth, Blue And White Spots	Exterior	Assumed	NF	G	400	SF
M-CON-57	M	Concrete, Gray, Cementitious	Roof	Assumed	NF	G	3,000	SF
M-PES-59	M	Pipe End Sealant, White, Pliable	Electrical 2	Assumed	NF	G	10	SF
			Electrical 3					
M-ADH-60	M	Adhesive (Frp), Brown, Brittle	Electrical 6	Assumed	NF	G	30	SF
			Electrical 2					
			Electrical 3					
M-VCT-62	M	Vinyl Composition Tile (Strip), 2"X24", Black, Smooth	Multi-Purpose Room	Assumed	NF	G	5	SF
M-VCT-63	M	Vinyl Composition Tile (Strip), 2"X24", Red, Smooth	Multi-Purpose Room	Assumed	NF	G	5	SF
M-VCT-64	M	Vinyl Composition Tile (Strip), 2"X24", Green, Smooth	Multi-Purpose Room	Assumed	NF	G	5	SF
M-VCT-65	M	Vinyl Composition Tile (Strip), 2"X24", Yellow, Smooth	Multi-Purpose Room	Assumed	NF	G	5	SF
M-VCT-66	M	Vinyl Composition Tile (Strip), 2"X24", Blue, Smooth	Multi-Purpose Room	Assumed	NF	G	5	SF
M-VCT-68	M	Vinyl Composition Tile (Pattern), 12"X12", Blue, Smooth	Multi-Purpose Room	Assumed	NF	G	20	SF
M-CMU-69	M	Concrete Masonry Unit, 8"X16", Gray, Cementitious	Electrical 4	Assumed	NF	G	800	SF
			Roof					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-MRT-70	M	Mortar, Gray, Cementitious	Electrical 4	Assumed	NF	G	80	SF
			Roof					
M-VST-78	M	Vinyl Stair Tread, 12"X60", Brown, Vinyl-Like, Circle Pattern	South Wing	Assumed	NF	G	30	SF
M-MAS-79	M	Mastic, Yellow, Tacky	South Wing	Assumed	NF	G	30	SF
M-GWT-82	M	Glazed Wall Tile (Pattern), Various Sizes, White, Smooth	Reading	Assumed	NF	G	150	SF
M-GWT-83	M	Glazed Wall Tile (Pattern), Various Sizes, White, Smooth	Reading	Assumed	NF	G	10	SF
M-GRT-84	M	Grout, Gray, Cementitious	Reading	Assumed	NF	G	16	SF
M-GWT-85	M	Glazed Wall Tile, 2"X2", Tan, Textured	Reading	Assumed	NF	G	2	SF
M-GWT-86	M	Glazed Wall Tile, 3"X3", Tan, Textured	Reading	Assumed	NF	G	10	SF
M-GRT-87	M	Grout, Gray, Cementitious	Reading	Assumed	NF	G	1	SF
M-BUR-92	M	Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	Roof	Assumed	NF	G	60,000	SF
M-MAS-93	M	Mastic (Penetrations And Flashings), Black, Tar-Like	Roof	Assumed	NF	G	2,000	SF
M-SLT-94	M	Sealant (Flashings), White, Tar- Like	Roof	Assumed	NF	G	20	SF
M-SLT-95	M	Sealant (Flashings), Gray, Pliable	Roof	Assumed	NF	G	20	SF
M-SLT-96	M	Sealant (Flashings), Black, Pliable	Roof	Assumed	NF	G	20	SF

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-SLT-97	M	Sealant (Duct), Gray, Pliable	Roof	Assumed	NF	G	10	SF

## 6-MONTH SURVEILLANCE INSPECTION TABLE

### IN-PLACE ASBESTOS-CONTAINING MATERIALS

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-CMU-01	M	Concrete Masonry Unit, 4"X16", Gray, Cementitious, Tan	Mechanical Yard	Assumed	NF	G	3,500	SF
			Electrical Room					
			Mechanical Room					
			Exterior					
M-CMU-02	M	Concrete Masonry Unit, 8"X16", Gray, Cementitious	Mechanical Yard	Assumed	NF	G	1,200	SF
			Electrical Room					
			Mechanical Room					
			Exterior					
M-MRT-03	M	Mortar, Gray, Cementitious	Mechanical Yard	Assumed	NF	G	550	SF
			Electrical Room					
			Mechanical Room					
			Exterior					
M-CON-04	M	Concrete (Foundation), Gray, Cementitious	Mechanical Yard	Assumed	NF	G	5,000	SF
			Electrical Room					
			Mechanical Room					
			Control Room					
M-FDI-05	M	Fire Door Insulation, Metal/Wood Cladding	Electrical Room	Assumed	NF	G	126	SF
			Exterior					
M-SLT-06	M	Sealant (Doors, Windows), White, Pliable	Control Room	Assumed	NF	G	6	SF
			Exterior					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-CMU-07	M	Concrete Masonry Unit, 4"X16", Dark Gray, Cementitious, Smooth	Mechanical Yard	Assumed	NF	G	100	SF
			Exterior					
M-BRK-08	M	Brick, 4"X16", Red, Cementitious	Mechanical Yard	Assumed	NF	G	500	SF
			Exterior					
M-PES-12	M	Pipe End Sealant, Gray, Pliable	Mechanical Room	Assumed	NF	G	50	SF
M-BUR-13	M	Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	Roof	Assumed	NF	G	3,000	SF
M-MAS-14	M	Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	Roof	Assumed	NF	G	25	SF

## 6-MONTH SURVEILLANCE INSPECTION TABLE

### IN-PLACE ASBESTOS-CONTAINING MATERIALS

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
S-SAT-01	S	Spray-Applied Texture, White, Chalky	Custodian	Assumed	NF	G	2,500	SF
			Girl's Restroom					
			Boy's Restroom					
M-GWB-02	M	Gypsum Wallboard, White, Chalky	Custodian	Assumed	NF	G	2,500	SF
			Girl's Restroom					
			Boy's Restroom					
S-JTC-03	S	Joint Compound, White, Chalky	Custodian	Assumed	NF	G	250	SF
			Girl's Restroom					
			Boy's Restroom					
M-GWT-04	M	Glazed Wall Tile, 4"X4", Tan, Smooth	Girl's Restroom	Assumed	NF	G	1,500	SF
			Boy's Restroom					
M-GWT-05	M	Glazed Wall Tile (Pattern), 4"X4", Light Blue, Smooth	Girl's Restroom	Assumed	NF	G	200	SF
			Boy's Restroom					
M-GWT-06	M	Glazed Wall Tile (Pattern), 4"X4", Blue, Smooth	Girl's Restroom	Assumed	NF	G	200	SF
			Boy's Restroom					
M-GRT-07	M	Grout, Gray, Cementitious	Girl's Restroom	Assumed	NF	G	190	SF
			Boy's Restroom					
M-CMT-08	M	Ceramic Mosaic Tile, 2"X2", Tan, Smooth	Girl's Restroom	Assumed	NF	G	900	SF
			Boy's Restroom					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-CMT-09	M	Ceramic Mosaic Tile (Pattern), 2"X2", Light Blue, Smooth	Girl's Restroom	Assumed	NF	G	50	SF
			Boy's Restroom					
M-CMT-10	M	Ceramic Mosaic Tile (Pattern), 2"X2", Blue, Smooth	Girl's Restroom	Assumed	NF	G	50	SF
			Boy's Restroom					
M-GRT-11	M	Grout, Gray, Cementitious	Girl's Restroom	Assumed	NF	G	100	SF
			Boy's Restroom					
M-SLT-12	M	Sealant (Doors, Millwork, Fixtures), White, Pliable	Custodian	Assumed	NF	G	17	SF
			Girl's Restroom					
			Boy's Restroom					
M-FDI-13	M	Fire Door Insulation, Metal/Wood Cladding	Custodian	Assumed	NF	G	63	SF
			Girl's Restroom					
			Boy's Restroom					
			Exterior					
S-TOT-14	S	Troweled-On Texture, White, Chalky	Custodian	Assumed	NF	G	100	SF
M-GWB-15	M	Gypsum Wallboard, White, Chalky	Custodian	Assumed	NF	G	100	SF
S-JTC-16	S	Joint Compound, White, Chalky	Custodian	Assumed	NF	G	10	SF
M-WAB-17	M	Wallbase (Coved), 4", Blue, Vinyl- Like	Custodian	Assumed	NF	G	15	SF
M-ADH-18	M	Adhesive, Cream, Pliable	Custodian	Assumed	NF	G	15	SF

6-Month Surveillance Inspection  
C.I. Waggoner Elementary School, KSD  
Restroom Building

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-VCT-19	M	Vinyl Composition Tile, 12"X12", Tan, Smooth, Multi-Colored	Custodian	Assumed	NF	G	100	SF
M-MAS-20	M	Mastic, Yellow, Tacky	Custodian	Assumed	NF	G	100	SF
M-CMU-21	M	Concrete Masonry Unit, 4"X16", Gray, Cementitious	Exterior	Assumed	NF	G	1,600	SF
M-MRT-22	M	Mortar, Gray, Cementitious	Exterior	Assumed	NF	G	160	SF
M-CON-23	M	Concrete (Gutters), Gray, Cementitious	Exterior	Assumed	NF	G	4	SF
M-CON-24	M	Concrete (Foundation), Gray, Cementitious	Custodian	Assumed	NF	G	1,100	SF
			Girl's Restroom					
			Chase					
			Boy's Restroom					
M-CON-25	M	Concrete (Entries), Gray, Cementitious	Exterior	Assumed	NF	G	650	SF
M-BUR-26	M	Built-Up Roofing, Black, Asphaltic, Gray Mineral Cap	Roof	Assumed	NF	G	1,100	SF
M-MAS-27	M	Mastic (Penetrations And Flashings), Black, Brittle, Silver Paint	Roof	Assumed	NF	G	10	SF



# THE ASBESTOS INSTITUTE

*Certifies that*

**Zachary Ridgeway**

has attended and received instruction in the EPA approved course

**AHERA Building Inspector Initial**

on

**March 6-8 2023**

and successfully completed and passed the competency exam.

Certificate:  
4380-15665-030823

Date of Examination:  
08-Mar-2023

Date of Expiration:  
08-Mar-2024

  
William T. Caviness  
Director

Approved Instructor

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602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

This training meets all requirements for asbestos certification under Basic Substance Control Act Title II.