

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
Kyrene de los Lagos Elementary School
17001 South 34th Way, Phoenix**

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: Kyrene de los Lagos Elementary School

Inspection Date: 04/07/2023

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		
Stucco, Gray, Cementitious	S-STU-03	Y	N	x			1 2 3 4 5 6 7*
Mortar (Glass Block), White, Cementitious	M-MRT-08	Y	N	x			1 2 3 4 5 6 7*
Quarry/Paver Tile, 4"X6", Red, Cementitious	M-QPT-09	Y	N	x			1 2 3 4 5 6 7*
Built-Up Roofing, Black, Asphaltic, Gray Gravel Cap	M-BUR-10	Y	N	x			1 2 3 4 5 6 7*
Mastic (Penetrations And Flashings), Black, Tar-Like, Silver Coating	M-MAS-11	Y	N	x			1 2 3 4 5 6 7*
Sealant (Windows), Black, Pliable	M-SLT-12	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal Cladding	M-FDI-20	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Wood Cladding	M-FDI-21	Y	N	x			1 2 3 4 5 6 7*
Sealant, Black, Tar-Like	M-SLT-24	Y	N	x			1 2 3 4 5 6 7*
Adhesive (FRP), Brown, Brittle	M-ADH-35	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 4"X4", White, Smooth, Black And Pink Pattern	M-GWT-38	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-39	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile, 2"X2", Pink, Smooth	M-CMT-40	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-41	Y	N	x			1 2 3 4 5 6 7*
Vinyl Stair Tread, 12"X36", Brown, Textured, Circle Pattern	M-VST-48	Y	N	x			1 2 3 4 5 6 7*
Adhesive, Brown, Brittle	M-ADH-49	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile, 12"X12", White, Smooth, Cream Mottles	M-VCT-53	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 2", Black, Smooth	M-VCT-54	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 1", Green, Smooth	M-VCT-55	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile (Strip), 1", Yellow, Smooth	M-VCT-56	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile, 12"X12", Green, Smooth	M-VCT-57	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile, 12"X12", Yellow, Smooth	M-VCT-58	Y	N	x			1 2 3 4 5 6 7*
Vinyl Composition Tile, 12"X12", Red, Smooth	M-VCT-59	Y	N	x			1 2 3 4 5 6 7*
Mastic, Yellow, Tacky	M-MAS-60	Y	N	x			1 2 3 4 5 6 7*
ACOUSTICAL CEILING PANEL, 2'x4', WHITE, CHALKY, VINYL COVER	M-APL-63	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 6"X6", White, Smooth	M-GWT-71	Y	N	x			1 2 3 4 5 6 7*
Grout, White, Cementitious	M-GRT-72	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		
Quarry/Paver Tile, 8"X8", Tan, Smooth, Peppered	M-QPT-73	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-74	Y	N	x			1 2 3 4 5 6 7*
Pipe End Sealant, White, Pliable	M-PES-76	Y	N	x			1 2 3 4 5 6 7*
Concrete, Gray, Cementitious	M-CON-77	Y	N	x			1 2 3 4 5 6 7*
Gasket, 4"-6", Green, Paper-Like	M-GAS-78	Y	N	x			1 2 3 4 5 6 7*
Sealant, Gray, Pliable	M-SLT-79	Y	N	x			1 2 3 4 5 6 7*
Troweled-On Texture, White, Chalky	S-TOT-80	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M-GWB-81	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S-JTC-82	Y	N	x			1 2 3 4 5 6 7*
Gasket, 10"-12", Red, Paper-Like	M-GAS-83	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M-GWB-84	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S-JTC-85	Y	N	x			1 2 3 4 5 6 7*
Sealant (Duct), Gray, Pliable	M-SLT-205	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M-FDI-227	Y	N	x			1 2 3 4 5 6 7*
Sealant (Duct), Gray, Pliable	M-SLT-305	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 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-STU-03	S	Stucco, Gray, Cementitious	Storage 79A	Assumed	NF	G	7,000	SF
			Courtyard					
			Exterior					
			Roof					
M-MRT-08	M	Mortar (Glass Block), White, Cementitious	Reception 02	Assumed	NF	G	150	SF
			Treatment 06					
			Kindergarten 23					
			Kindergarten 26					
			1 st Grade 28					
			1 st Grade 29					
			1 st Grade 31					
			2 nd Grade 32					
			2 nd Grade 39					
			2 nd Grade 40					
			3 rd Grade 44					
			3 rd Grade 45					
			3 rd Grade 46					
			Gifted 47					
			Foyer 42					
			Computer 50					
			Special Ed. 75					
			Special Ed. 76					
			Special Ed. 77					
			Multi-Purpose 91					
			6 th Grade 70					
			6 th Grade 71					
			Art 79					

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
			6 th Grade 80					
			4 th Grade 63					
			5 th Grade 64					
			5 th Grade 68					
			5 th Grade 69					
			Corridor 01					
			Corridor 25					
			Corridor 30					
			Corridor 43					
			Corridor 48					
			Corridor 60					
			Corridor 67					
			Corridor 78					
			Corridor 81					
			Exterior					
M-QPT-09	M	Quarry/Paver Tile, 4'x6', Red, Cementitious	Exterior	Assumed	NF	G	150	SF
M-BUR-10	M	Built-Up Roofing, Black, Asphaltic, Gray Gravel Cap	Roof	Assumed	NF	G	55,000	SF
M-MAS-11	M	Mastic (Penetrations And Flashings), Black, Tar-Like, Silver Coating	Roof	Assumed	NF	G	100	SF
M-SLT-12	M	Sealant (Windows), Black, Pliable	Roof	Assumed	NF	G	4	SF
M-FDI-20	M	Fire Door Insulation, Metal Cladding	Reception 02	Assumed	NF	G	819	SF
			Treatment 06					
			Kindergarten 23					
			Kindergarten 26					
			Room 35B					
			Boy's Restroom 38					

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
			Storage 101					
			Room 47A					
			Room 83A					
			Wings 88					
			Multi-Purpose 91					
			Kitchen 94					
			Art 79					
			Storage 79a					
			Room 107					
			Corridor 01					
			Corridor 25					
			Corridor 30					
			Corridor 43					
			Corridor 48					
			Corridor 59					
			Corridor 60					
			Corridor 67					
			Corridor 78					
			Corridor 81					
			Corridor 102					
			Courtyard					
			Equipment Pad					
			Exterior					
M-FDI-21	M	Fire Door Insulation, Wood Cladding	Reception 02	Assumed	NF	G	1,743	SF
			Principal 04					
			Room 04A					
			Storage 09					
			Faculty Lounge 16					
			Storage 19					
			Hall 20					
			Men's Restroom 21					

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
			Women's Restroom 22					
			Janitor 49					
			Kindergarten 23					
			Kindergarten 26					
			1 st Grade 28					
			1 st Grade 29					
			1 st Grade 31					
			2 nd Grade 32					
			Hall 33					
			Girl's Restroom 35					
			Room 35A					
			Room 35B					
			2 nd Grade 39					
			2 nd Grade 40					
			3 rd Grade 44					
			3 rd Grade 45					
			3 rd Grade 46					
			Gifted 47					
			Foyer 42					
			Computer 50					
			Library 51					
			Work 53					
			A/V 54					
			Speech 56					
			Girl's Restroom 83					
			Room 83A					
			Room 83B					
			Hall 82					
			Boy's Restroom 86					
			Special Ed. 75					
			Special Ed. 76					
			Special Ed. 77					
			Psychology 100					

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
			Music 87					
			Room 87A					
			Wings 90					
			Multi-Purpose 91					
			Men's Restroom 92A					
			Women's Restroom 93A					
			Kitchen 94					
			Storage 95					
			Room 95A					
			P.E. Storage 96					
			6 th Grade 70					
			6 th Grade 71					
			Art 79					
			6 th Grade 80					
			Foyer 66					
			4 th Grade 63					
			5 th Grade 64					
			5 th Grade 68					
			5 th Grade 69					
			4 th Grade 61					
			4 th Grade 62					
			Classroom 103					
			Classroom 104					
			Room 105					
			Room 106					
			Toilet 108					
			Classroom 109					
			Classroom 110					
			Electrical 112					
			Corridor 01					
			Corridor 03					
			Corridor 25					
			Corridor 30					

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
			Corridor 43					
			Corridor 48					
			Corridor 59					
			Corridor 60					
			Corridor 67					
			Corridor 72					
			Corridor 78					
			Corridor 81					
			Corridor 102					
M-SLT-24	M	Sealant, Black, Tar-Like	Treatment 06	2-5% Chrysotile	NF	G	20	SF
			Nurse 11					
			Foyer 42					
			Library 51					
			Work 53					
			Speech 56					
			Room 56A					
			Room 56B					
			Foyer 66					
			Special Ed. 75					
			Room 75A					
			Corridor 03					
M-ADH-35	M	Adhesive (FRP), Brown, Brittle	Janitor 49	Assumed	NF	G	50	SF
			Kitchen 94					
M-GWT-38	M	Glazed Wall Tile, 4"X4", White, Smooth, Black And Pink Pattern	Girl's Restroom 35	Assumed	NF	G	5,000	SF
			Room 35B					
			Boy's Restroom 38					
			Girl's Restroom 83					
			Room 83A					
			Boy's Restroom 86					

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
			Men's Restroom 92A					
			Women's Restroom 93A					
M-GRT-39	M	Grout, Gray, Cementitious	Girl's Restroom 35	Assumed	NF	G	500	SF
			Room 35B					
			Boy's Restroom 38					
			Girl's Restroom 83					
			Room 83A					
			Boy's Restroom 86					
			Men's Restroom 92A					
			Women's Restroom 93A					
M-CMT-40	M	Ceramic Mosaic Tile, 2"X2", Pink, Smooth	Girl's Restroom 35	Assumed	NF	G	2,500	SF
			Room 35B					
			Boy's Restroom 38					
			Girl's Restroom 83					
			Room 83A					
			Boy's Restroom 86					
			Men's Restroom 92A					
			Women's Restroom 93A					
M-GRT-41	M	Grout, Gray, Cementitious, Associated With Ceramic	Girl's Restroom 35	Assumed	NF	G	250	SF
			Room 35B					
			Boy's Restroom 38					
			Girl's Restroom 83					
			Room 83A					
			Boy's Restroom 86					
			Men's Restroom 92A					
			Women's Restroom 93A					
M-VST-48	M	Vinyl Stair Tread, 12"X36", Brown, Textured, Circle Pattern	Wings 90	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-ADH-49	M	Adhesive, Brown, Brittle	Wings 90	Assumed	NF	G	20	SF
M-VCT-53	M	Vinyl Composition Tile, 12"X12", White, Smooth, Cream Mottles	Multi-Purpose 91	Assumed	NF	G	5,000	SF
M-VCT-54	M	Vinyl Composition Tile (Strip), 2", Black, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-VCT-55	M	Vinyl Composition Tile (Strip), 1", Green, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-VCT-56	M	Vinyl Composition Tile (Strip), 1", Yellow, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-VCT-57	M	Vinyl Composition Tile, 12"X12", Green, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-VCT-58	M	Vinyl Composition Tile, 12"X12", Yellow, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-VCT-59	M	Vinyl Composition Tile, 12"X12", Red, Smooth	Multi-Purpose 91	Assumed	NF	G	50	SF
M-MAS-60	M	Mastic, Yellow, Tacky	Multi-Purpose 91	Assumed	NF	G	5,000	SF
M-APL-63	M	Acoustical Ceiling Panel, 2'x4', White, Chalky, Vinyl Cover	Kitchen 94	Assumed	NF	G	1,000	SF
M-GWT-71	M	Glazed Wall Tile, 6"X6", White, Smooth	Room 105	Assumed	NF	G	1,500	SF
			Room 106					
			Toilet 108					
M-GRT-72	M	Grout, White, Cementitious	Room 105	Assumed	NF	G	150	SF
			Room 106					
			Toilet 108					

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-QPT-73	M	Quarry/Paver Tile, 8"X8", Tan, Smooth, Peppered	Room 105	Assumed	NF	G	1,200	SF
			Room 106					
			Toilet 108					
M-GRT-74	M	Grout, Gray, Cementitious	Room 105	Assumed	NF	G	120	SF
			Room 106					
			Toilet 108					
M-PES-76	M	Pipe End Sealant, White, Pliable	Electrical 112	Assumed	NF	G	20	SF
			Equipment Pad					
M-CON-77	M	Concrete, Gray, Cementitious	Equipment Pad	Assumed	NF	G	6,300	SF
M-GAS-78	M	Gasket, 4"-6", Green, Paper-Like	Equipment Pad	Assumed	NF	G	5	SF
M-SLT-79	M	Sealant, Gray, Pliable	Equipment Pad	Assumed	NF	G	5	SF
S-TOT-80	M	Troweled-On Texture, White, Chalky	Room 107	Assumed	NF	G	250	SF
M-GWB-81	M	Gypsum Wallboard, White, Chalky	Room 107	Assumed	NF	G	250	SF
S-JTC-82	M	Joint Compound, White, Chalky	Room 107	Assumed	NF	G	25	SF
M-GAS-83	M	Gasket, 10"-12", Red, Paper-Like	Room 107	Assumed	NF	G	2	SF
M-GWB-84	M	Gypsum Wallboard, White, Chalky	Room 47A	Assumed	NF	G	260	SF
S-JTC-85	M	Joint Compound, White, Chalky	Room 47A	Assumed	NF	G	26	SF
M-SLT-205	M	Sealant (Duct), Gray, Pliable	A1 Storage 111	Assumed	NF	G	5	SF
			A1 Staff Restroom 112					

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
			A1 Storage 113					
			A1 Classroom 115					
			A1 Classroom 116					
			A1 Classroom 117					
			A1 Girl's Restroom 118					
			A1 Boy's Restroom 119					
			A1 Classroom 120					
			A1 Classroom 121					
			A1 Corridor 114					
			A1 Corridor 122					
M-FDI-227	M	Fire Door Insulation, Metal/Wood Cladding	A1 Staff Restroom 112	Assumed	NF	G	378	SF
			A1 Storage 113					
			A1 Classroom 115					
			A1 Classroom 116					
			A1 Classroom 117					
			A1 Girl's Restroom 118					
			A1 Boy's Restroom 119					
			A1 Classroom 120					
			A1 Classroom 121					
			A1 Corridor 114					
			A1 Corridor 122					
			Exterior					
M-SLT-305	M	Sealant (Duct), Gray, Pliable	A2 Classroom 123	Assumed	NF	G	5	SF
			Room A2 123A					
			A2 Classroom 124					
			Room A2 124a					
			A2 Corridor 125					

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

THE ASBESTOS INSTITUTE

20033 N. 19th Ave, Building 6, Phoenix, AZ 85027
602-864-6564 – www.theasbestosinstitute.com

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