Chart C - All Materials List

The following list contains all events observed by the inspector, whether or not they actually contained asbestos, and are grouped by homogeneous area (material type).

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
A4B	Mudded Pipe Joints on Fiberglass Insulation					**Total Amount - 100 Joints**
	263	THROUGHOUT BAKER CENTER	NONE DETECTED	071015MV-01; 070915MV-01; 1501-AQ-22, 23, 24	071015MV-01: LOWER LEVEL MECHANICAL ROOM. 070915MV-01: LOWER LEVEL HALLWAY BY ENTRY. 22,23,24: FAN ROOM.	100 Joints
A4C	Mudded Pipe Joints on Fiberglass Insulation Canvas Wrap					**Total Amount - 2 Joints**
	93	GROUND FLOOR HALLWAY 1200	NONE DETECTED	120808ML-01, 02, 03	ML-01,02,03: BOILER ROOM (2204) (SINCE REMOVED).	2 Joints
A4D	Mudded Pipe Joints on Fiberglass Insulation Foil Wrap					**Total Amount - 1 Joints**
	6	BOILER ROOM (2204)	NONE DETECTED	120808ML-04		1 Joints
B1A	Air Cell Pipe Insulation 1925 Original Building					**Total Amount - 6 Lin Ft**
	9	TUNNEL (1200A) NEAR BOILER ROOM	40 CH	2001-1501-AQ-7, 8, 9	BOILER ROOM (2204) (SINCE REMOVED).	6 Lin Ft
G1A	Sprayed-On Acoustical Finish Rec Center (1978)					**Total Amount - 15000 Sq Ft**
	264	THROUGHOUT BAKER CENTER	NONE DETECTED	1501-AQ-26, 27, 28, 29, 30, 31, 32	LOWER LEVEL WALLS FROM TUNNEL TO CRAFT ROOM.	15000 Sq Ft

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Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
H1A	Sprayed-On Structural Fireproofing Gray Fluffy (2000)					**Total Amount - 2400 Sq Ft**
	253	2000 ADDITION GYMNASIUM 1208	NEW			2400 Sq Ft
I1A	1' x 1' Acoustical Ceiling Tile Fissures w/Gouges (Gymnasium)					**Total Amount - 4900 Sq Ft**
	65	CAFETERIA/GYMNASIUM 1201	NONE DETECTED	072524-BF-1, 2	BF-1,2: CAFETERIA/GYMNASIUM 1201.	4900 Sq Ft
I1B	1' x 1' Acoustical Ceiling Tile Fissures w/Gouges					**Total Amount - 8945 Sq Ft**
	48	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NONE DETECTED			60 Sq Ft
	68	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NONE DETECTED			60 Sq Ft
	108	GIRLS' LOCKER ROOM 1211 ENTRANCE	NONE DETECTED	072524-BF-6	BF-6: GIRLS' LOCKER ROOM 1211 ENTRANCE.	25 Sq Ft
	151	STAIRWELL 2199B	NONE DETECTED			50 Sq Ft
	171	STAIRWELL 2199C	NONE DETECTED			50 Sq Ft
	193	THROUGHOUT 1971 ADDITION 2ND FLOOR HALLWAYS & RESTROOMS	NONE DETECTED	072524-BF-14; 206-08A	BF-14: RESTROOM 3101.	3270 Sq Ft
	198	ROOMS 3103-3110	NONE DETECTED			4800 Sq Ft
	200	2ND FLOOR STAIRWELL 3299D	NONE DETECTED			200 Sq Ft
	205	ROOM 3206	NONE DETECTED			30 Sq Ft
	225	2ND FLOOR STAIRWELL 3199B	NONE DETECTED			200 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	246	2ND FLOOR STAIRWELL 3199C	NONE DETECTED			200 Sq Ft
I1C	1' x 1' Acoustical Ceiling Tile 21-Hole Pegboard					**Total Amount - 660 Sq Ft**
	32	ROOM 4201	NONE DETECTED	072524-BF-16; 050721BV-02; 2001-1501-AQ-36	BF-16,BV-02 & AQ-36: ROOM 4201.	660 Sq Ft
I1D	1' x 1' Acoustical Ceiling Tile Foam Glass w/Pegboard Nail Holes					**Total Amount - 1300 Sq Ft**
	115	POOL 1114	NONE DETECTED	428-19		1300 Sq Ft
I2C	2' x 2' Acoustical Ceiling Tile Fissures w/Pin Holes					**Total Amount - 35 Sq Ft**
	81	HANDICAPPED RESTROOM (1104A)	NONE DETECTED	072524-BF-9; 120808ML-06	BF-9: HANDICAPPED RESTROOM (1104A).	35 Sq Ft
I2D	2' x 2' Acoustical Ceiling Tile Grubs w/Pin Holes					**Total Amount - 800 Sq Ft**
	257	THROUGHOUT 2001 ADDITION	NONE DETECTED	120808ML-17		800 Sq Ft
I2F	2' x 2' Acoustical Ceiling Tile Fabric Covered Fiberglass w/Revealed Edges (2021)					**Total Amount - 10000 Sq Ft**
	265	THROUGHOUT BAKER CENTER	NEW			10000 Sq Ft
I3A	2' x 4' Ceiling Tile Light Texture w/Pin Holes					**Total Amount - 25060 Sq Ft**
	46	THROUGHOUT 1971 ADDITION GROUND FLOOR	NONE DETECTED			5000 Sq Ft
	103	BOYS' RESTROOM 1207	NONE DETECTED			160 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	123	THROUGHOUT 1971 ADDITION 1ST FLOOR	NONE DETECTED	072524-BF-12	BF-12: HALL BY ROOM 2105.	15000 Sq Ft
	204	ROOMS 3204-3206 & 3111-3114	NONE DETECTED	428-11; 206-09A	428-11: IMC NORTH. 206-09A: IMC & ROOMS 3204-3206.	4900 Sq Ft
I3C	2' x 4' Ceiling Tile Widthwise Grubs w/Nail & Pin Holes					**Total Amount - 2770 Sq Ft**
	88	CUSTODIAL OFFICE (1102)	NONE DETECTED			120 Sq Ft
	96	STORAGE ROOMS 1204/1205	NONE DETECTED	072524-BF-1	BF-1: STORAGE ROOMS 1204/1205.	700 Sq Ft
	110	GIRLS' LOCKER ROOM 1211	NONE DETECTED	2001-1501-AQ-37	AQ-37: ABOVE SHOWER ROOM ENTRY.	800 Sq Ft
	114	POOL 1114	NONE DETECTED			1000 Sq Ft
	118	POOL OFFICE 1213	NONE DETECTED	2001-1501-AQ-16	AQ-16: KITCHEN STORAGE.	150 Sq Ft
I3D	2' x 4' Ceiling Tile Vinyl-Covered Sheetrock					**Total Amount - 3125 Sq Ft**
	54	KITCHEN 1107	NONE DETECTED			1300 Sq Ft
	56	KITCHEN OFFICE 1109	NONE DETECTED			100 Sq Ft
	57	DISHWASHING ROOM 1108	NONE DETECTED			150 Sq Ft
	58	KITCHEN STORAGE 1112	NONE DETECTED			365 Sq Ft
	60	LAUNDRY AREAS 1111A, 1113 & HALLWAY	NONE DETECTED	072524-BF-11	BF-11: KITCHEN HALLWAY.	200 Sq Ft
	63	KITCHEN LOCKER ROOM 1111	NONE DETECTED	072524-BF-10	BF-10: KITCHEN LOCKER ROOM 1111.	110 Sq Ft
	113	BOYS' LOCKER ROOM 1214 & HALLWAY 1200D	NONE DETECTED			900 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
I3E	2' x 4' Ceiling Tile Bumpy Texture w/Pin Holes					**Total Amount - 880 Sq Ft**
	77	ROOM 1105A (RESTROOM)	NONE DETECTED			30 Sq Ft
	91	CUSTODIAL STORAGE 1202	NONE DETECTED	120808ML-07		380 Sq Ft
	94	GYMNASIUM STORAGE 1203	NONE DETECTED			380 Sq Ft
	98	STORAGE ROOMS 1204/1205	NONE DETECTED	072524-BF-2	BF-2: STORAGE ROOMS 1204/1205.	50 Sq Ft
	107	STORAGE 1208A	NONE DETECTED			40 Sq Ft
I3F	2' x 4' Ceiling Tile Dents w/Pin Holes					**Total Amount - 120 Sq Ft**
	89	CUSTODIAL OFFICE (1102)	NONE DETECTED	072524-BF-8; 120808ML-05	BF-8: CUSTODIAL OFFICE (1102).	120 Sq Ft
I3H	2' x 4' Ceiling Tile Widthwise Fissures w/Pin Holes					**Total Amount - 150 Sq Ft**
	97	STORAGE ROOMS 1204/1205	NONE DETECTED	072524-BF-3; 120808ML-08	BF-3: STORAGE ROOMS 1204/1205.	150 Sq Ft
I3I	2' x 4' Ceiling Tile Grubs w/Pin Holes (2000)					**Total Amount - 4050 Sq Ft**
	100	HANDICAPPED RESTROOM 1206A	NONE DETECTED	072524-BF-5; 120808ML-09	BF-5: HANDICAPPED RESTROOM 1206A.	50 Sq Ft
	250	THROUGHOUT 2000 ADDITION	NONE DETECTED			4000 Sq Ft
I3J	2' x 4' Ceiling Tile Grubs w/Pin Holes					**Total Amount - 200 Sq Ft**
	258	THROUGHOUT 2001 ADDITION	NONE DETECTED	120808ML-21		200 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
I4A	Acoustical Ceiling Tile Ceiling Tile Light Boxes					**Total Amount - 2000 Sq Ft**
	42	THROUGHOUT 1971 ADDITION	NONE DETECTED	428-12	428-12: IMC OFFICE AREA.	2000 Sq Ft
J3A	Miscellaneous Cementitious Material Black Window Sills (Baker Center)					**Total Amount - 100 Sq Ft**
	267	THROUGHOUT BAKER CENTER	NONE DETECTED	070915MV-08	MV-08: LOWER LEVEL HALLWAY.	100 Sq Ft
K1B	Sheet Vinyl Flooring & Adhesive Beige w/Brown Swirls					**Total Amount - 6350 Sq Ft**
	124	THROUGHOUT 1971 ADDITION 1ST FLOOR HALLWAYS	NONE DETECTED			3000 Sq Ft
	153	STAIRWELL 2199B	NONE DETECTED			100 Sq Ft
	173	STAIRWELL 2199C	NONE DETECTED			100 Sq Ft
	195	THROUGHOUT 1971 ADDITION 2ND FLOOR HALLWAYS	NONE DETECTED	428-17	BY CLASSROOM 3104 ENTRY.	3000 Sq Ft
	202	2ND FLOOR STAIRWELL 3299D	NONE DETECTED			50 Sq Ft
	227	2ND FLOOR STAIRWELL 3199B	NONE DETECTED			50 Sq Ft
	248	2ND FLOOR STAIRWELL 3199C	NONE DETECTED			50 Sq Ft
K1C	Sheet Vinyl Flooring & Adhesive Tan Marble-Look (2010)					**Total Amount - 10125 Sq Ft**
	11	THROUGHOUT 1925 ORIGINAL BUILDING 1ST FLOOR	NEW			7000 Sq Ft
	28	ROOM 4203 ENTRANCE	NEW			35 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	47	THROUGHOUT 1971 ADDITION GROUND FLOOR HALLWAYS 1100, 1200 & 1200A	NEW			2800 Sq Ft
	50	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NEW			150 Sq Ft
	70	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NEW			140 Sq Ft
K2A	12" x 12" Vinyl Floor Tile & Mastic Light Brown w/Brown & Beige Smudges					**Total Amount - 30 Sq Ft**
	121	POOL OFFICE FILTER ROOM 1213B	10 CH (TILE), 20 CH (MASTIC)	2001-1501-AQ-17	AQ-17: KITCHEN STORAGE (SINCE REMOVED).	30 Sq Ft
K2B	12" x 12" Vinyl Floor Tile & Mastic Cream w/Beige Smudges					**Total Amount - 1240 Sq Ft**
	83	ROOM 1103	5 CH (TILE), 10 CH (MASTIC)	120808ML-26; 1501-AQ-19		700 Sq Ft
	185	STORAGE ROOM 2211A	5 CH (TILE), 10 CH (MASTIC)			100 Sq Ft
	186	STORAGE ROOM 2211B	5 CH (TILE), 10 CH (MASTIC)			100 Sq Ft
	188	ROOM 2214	5 CH (TILE), 10 CH (MASTIC)			170 Sq Ft
	190	ROOM 2212	5 CH (TILE), 10 CH (MASTIC)			170 Sq Ft
K2D	12" x 12" Vinyl Floor Tile & Mastic Brown w/White Swirls					**Total Amount - 110 Sq Ft**
	51	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	10 CH			50 Sq Ft
	71	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	10 CH	428-14	1/2 FLOOR LANDING WEST.	60 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
K2E	12" x 12" Vinyl Floor Tile & Mastic Beige w/Brown & White Smudges					**Total Amount - 2050 Sq Ft**
	67	ROOM 1106	10 CH (TILE), 20 CH (MASTIC)	428-15	428-15: GYMNASIUM (SINCE REMOVED).	300 Sq Ft
	75	ROOM 1105	10 CH (TILE), 20 CH (MASTIC)			800 Sq Ft
	79	ROOM 1104	10 CH (TILE), 20 CH (MASTIC)			800 Sq Ft
	119	POOL OFFICE 1213	10 CH (TILE), 20 CH (MASTIC)			150 Sq Ft
K2F	12" x 12" Vinyl Floor Tile & Mastic White w/Multi-Colored Smudges					**Total Amount - 470 Sq Ft**
	74	ROOM 1105	NONE DETECTED	120808ML-29		130 Sq Ft
	84	ROOM 1103	NONE DETECTED			100 Sq Ft
	155	ROOM 2107	NONE DETECTED			20 Sq Ft
	159	ROOM 2108	NONE DETECTED			20 Sq Ft
	163	ROOM 2109	NONE DETECTED			20 Sq Ft
	167	ROOM 2110	NONE DETECTED			20 Sq Ft
	210	ROOM 3103	NONE DETECTED			20 Sq Ft
	214	ROOM 3104	NONE DETECTED			20 Sq Ft
	218	ROOM 3105	NONE DETECTED			20 Sq Ft
	222	ROOM 3106	NONE DETECTED			20 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	228	ROOM 3107	NONE DETECTED			20 Sq Ft
	232	ROOM 3108	NONE DETECTED			20 Sq Ft
	236	ROOM 3109	NONE DETECTED			20 Sq Ft
	240	ROOM 3110	NONE DETECTED			20 Sq Ft
K2I	12" x 12" Vinyl Floor Tile & Mastic White w/Aqua Smudges					**Total Amount - 120 Sq Ft**
	136	ROOM 2103	NONE DETECTED	120808ML-14		20 Sq Ft
	140	ROOM 2104	NONE DETECTED			20 Sq Ft
	144	ROOM 2105	NONE DETECTED			20 Sq Ft
	148	ROOM 2106	NONE DETECTED			20 Sq Ft
	176	ROOM 2207	NONE DETECTED			20 Sq Ft
	180	ROOM 2208	NONE DETECTED			20 Sq Ft
K2J	12" x 12" Vinyl Floor Tile & Mastic Tan w/Blue Specks					**Total Amount - 340 Sq Ft**
	259	THROUGHOUT 2001 ADDITION	NONE DETECTED	120808ML-18		340 Sq Ft
K2K	12" x 12" Vinyl Floor Tile & Mastic White w/Gray					**Total Amount - 2400 Sq Ft**
	254	2000 ADDITION GYMNASIUM 1208	NONE DETECTED	120808ML-22		2400 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
K2L	12" x 12" Vinyl Floor Tile & Mastic Cream w/Black & Gray Specks (2000)					**Total Amount - 4000 Sq Ft**
	251	THROUGHOUT 2000 ADDITION	NONE DETECTED	120808ML-24		4000 Sq Ft
K2M	12" x 12" Vinyl Floor Tile & Mastic Blue Mottle (2009)					**Total Amount - 735 Sq Ft**
	17	ROOM 2203	NEW			375 Sq Ft
	125	WORK ROOM 2004	NEW			120 Sq Ft
	128	STORAGE 2007	NEW			120 Sq Ft
	130	NURSE'S OFFICE 2202A	NEW			120 Sq Ft
K2N	12" x 12" Vinyl Floor Tile & Mastic Orange Mottle (2009)					**Total Amount - 360 Sq Ft**
	126	WORK ROOM 2004	NEW			120 Sq Ft
	129	STORAGE 2007	NEW			120 Sq Ft
	131	NURSE'S OFFICE 2202A	NEW			120 Sq Ft
K2O	12" x 12" Vinyl Floor Tile & Mastic Beige Mottle (2009)					**Total Amount - 405 Sq Ft**
	18	ROOM 2203	NEW			375 Sq Ft
	207	ROOM 3206	NEW			20 Sq Ft
	245	IMC 3111	NEW			10 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
K3A	Miscellaneous Flooring Brown w/White Swirl Stair Tread					**Total Amount - 300 Sq Ft**
	52	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NONE DETECTED			120 Sq Ft
	72	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NONE DETECTED	120808ML-10		80 Sq Ft
	154	STAIRWELL 2199B	NONE DETECTED			50 Sq Ft
	174	STAIRWELL 2199C	NONE DETECTED			50 Sq Ft
K3B	Miscellaneous Flooring 2' x 2' Blue/Gray Rubber Floor Tile (2015)					**Total Amount - 4300 Sq Ft**
	274	BAKER CENTER C201	NEW			2500 Sq Ft
	278	BAKER CENTER STAIRWAY	NEW			200 Sq Ft
	280	BAKER CENTER C109	NEW			1500 Sq Ft
	282	BAKER CENTER KITCHEN C108	NEW			100 Sq Ft
K3C	Miscellaneous Flooring 2' x 2' Gray Granite-Look Rubber Floor Tile (2015)					**Total Amount - 3525 Sq Ft**
	270	BAKER CENTER LOBBY C203	NEW			1500 Sq Ft
	277	BAKER CENTER ELEVATOR	NEW			25 Sq Ft
	279	BAKER CENTER LOBBY C100	NEW			2000 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
L0A	Flexible Duct Connector Gray Canvas					**Total Amount - 16 Sq Ft**
	7	FAN ROOM (1200B) BY BOILER ROOM	NONE DETECTED	2001-1501-AQ-13		16 Sq Ft
L0B	Flexible Duct Connector 1971 Addition					**Total Amount - 104 Sq Ft**
	175	MECHANICAL ROOM 2111	NONE DETECTED	2001-1501-AQ-20	FAN 23835.	104 Sq Ft
M0A	Plaster 1925 Original Building					**Total Amount - 21000 Sq Ft**
	10	THROUGHOUT 1925 ORIGINAL BUILDING 1ST FLOOR	NONE DETECTED	072524-BF-3, 4; 120808ML-48, 49; 2001-1501-AQ-14	BF-3,4: GYMNASIUM CEILING. ML-48: ROOM 2206. ML-49: HALLWAY OUTSIDE ROOM 2206.	7000 Sq Ft
	20	THROUGHOUT 1925 ORIGINAL BUILDING 2ND FLOOR	NONE DETECTED	072524-BF-13; 120808ML-46, 47	BF-13: CLOSET 2205A. ML-46: ROOM 3202A. ML-47: ROOM 3201.	7000 Sq Ft
	26	THROUGHOUT 1925 ORIGINAL BUILDING 3RD FLOOR	NONE DETECTED	050721BV-03; 120808ML-44, 45	BV-03: ROOM 4201. ML-44: ROOM 4203. ML-45: ROOM 4201.	7000 Sq Ft
M0B	Plaster 1971 Addition					**Total Amount - 3600 Sq Ft**
	39	THROUGHOUT 1971 ADDITION	NONE DETECTED	072524-BF-15; 120808ML-39, 40, 41, 42, 43; 1501-AQ-15	BF-15: RESTROOM 3101. AQ-15: ENTRANCE TO POOL.	3600 Sq Ft
M0C	Plaster Trowelled-On Smoke Barrier (1971)					**Total Amount - 800 Sq Ft**
	40	THROUGHOUT 1971 ADDITION	NONE DETECTED	120808ML-50, 51, 52	ML-50: ROOM 2104. ML-51: ROOM 2108. ML-52: ROOM 2207.	800 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
M0D	Plaster 1971 Addition					**Total Amount - 120 Sq Ft**
	134	1ST FLOOR BOYS' RESTROOM 2101 PIPE CHASE	NONE DETECTED	428-05		60 Sq Ft
	196	2ND FLOOR BOYS' RESTROOM 3101 PIPE CHASE	NONE DETECTED	120808ML-35; 428-06		60 Sq Ft
M0E	Plaster Slightly Textured Ceiling					**Total Amount - 13000 Sq Ft**
	192	THROUGHOUT 1971 ADDITION 2ND FLOOR	NONE DETECTED	120808ML-36, 37, 38; 428-07, 08, 09, 10	07: ROOM 3206. 08: IMC NORTH. 09: IMC OFFICE AREA. 10: IMC EAST.	13000 Sq Ft
N0A	Drywall/Joint Compound 1971 Addition					**Total Amount - 25000 Sq Ft**
	41	THROUGHOUT 1971 ADDITION	NONE DETECTED	2001-0701-DT-12	DT-12: 2ND FLOOR HALLWAY BY ROOM 3206.	25000 Sq Ft
N0B	Drywall/Joint Compound Rec Center (1978)					**Total Amount - 10500 Sq Ft**
	262	THROUGHOUT BAKER CENTER	NONE DETECTED	1501-AQ-33	AQ-33: UPPER LEVEL BY ROOM 3205.	10500 Sq Ft
P0A	Fire Doors Pieced Metal					**Total Amount - 20 Sq Ft**
	8	FAN ROOM (1200B) BY BOILER ROOM	NSM			20 Sq Ft
P0B	Fire Doors Metal - 1.5 Hr Rating (Underwriter's Laboratories)					**Total Amount - 120 Sq Ft**
	59	KITCHEN STORAGE 1112	ASSUMED			20 Sq Ft
	61	LAUNDRY AREAS 1111A, 1113 & HALLWAY	ASSUMED			20 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	64	CUSTODIAL SLOP SINK NEXT TO KITCHEN LOCKER ROOM	ASSUMED			20 Sq Ft
	122	POOL TUNNEL 0114	ASSUMED			60 Sq Ft
P0C	Fire Doors Metal - 1.5 Hr Rating (Warnock Hersey)					**Total Amount - 40 Sq Ft**
	62	LAUNDRY AREAS 1111A, 1113 & HALLWAY	NEW			20 Sq Ft
	132	NURSE'S OFFICE 2202A	NEW			20 Sq Ft
P0D	Fire Doors Wood - 1 Hr Rating (Warnock Hersey)					**Total Amount - 160 Sq Ft**
	21	1925 ORIGINAL BUILDING 2ND FLOOR STAIRWELL 3099A	NEW			40 Sq Ft
	53	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NEW			40 Sq Ft
	73	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	NEW			40 Sq Ft
	249	2ND FLOOR STAIRWELL 3199C	NEW			40 Sq Ft
P0E	Fire Doors Wood - 1 Hr Rating (Underwriter's Laboratories)					**Total Amount - 220 Sq Ft**
	27	1925 ORIGINAL BUILDING 3RD FLOOR STAIRWELL 4099A	ASSUMED			20 Sq Ft
	90	CUSTODIAL STORAGE 1101	ASSUMED			20 Sq Ft
	92	CUSTODIAL STORAGE 1202	ASSUMED			20 Sq Ft
	95	GYMNASIUM STORAGE 1203	ASSUMED			20 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	99	STORAGE ROOMS 1204/1205	ASSUMED			40 Sq Ft
	106	STORAGE 1208A	ASSUMED			20 Sq Ft
	187	ENTRANCE 2200B TO ROOM 2213	ASSUMED			40 Sq Ft
	203	2ND FLOOR STAIRWELL 3299D	ASSUMED			40 Sq Ft
Q0A	Carpet Adhesive Gray & Tan Berber Carpet					**Total Amount - 53000 Sq Ft**
	1	THROUGHOUT BUILDING	NONE DETECTED	2001-1901-ZZ-29C	ZZ-29C: HALLWAY OUTSIDE ROOM 2103.	53000 Sq Ft
Q0B	Carpet Adhesive Pink & Gray Berber Carpet					**Total Amount - 5000 Sq Ft**
	2	THROUGHOUT BUILDING	NONE DETECTED	120808ML-30		5000 Sq Ft
Q0C	Carpet Adhesive Green & Tan Berber Carpet					**Total Amount - 5000 Sq Ft**
	3	THROUGHOUT BUILDING	NONE DETECTED	120808ML-31		5000 Sq Ft
Q0D	Carpet Adhesive Green, Tan & Red Berber Carpet					**Total Amount - 700 Sq Ft**
	260	THROUGHOUT 2001 ADDITION	NONE DETECTED	120808ML-20		700 Sq Ft
Q0E	Carpet Adhesive Multi-Colored Carpet (2015)					**Total Amount - 3875 Sq Ft**
	271	BAKER CENTER C202	NEW			3000 Sq Ft
	273	BAKER CENTER C202B	NEW			150 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	276	BAKER CENTER CONFERENCE ROOM C200	NEW			500 Sq Ft
	284	BAKER CENTER C102	NEW			225 Sq Ft
R0A	Baseboard/Mopboard Adhesive 4" Black Baseboard					**Total Amount - 300 Sq Ft**
	4	THROUGHOUT BUILDING	NONE DETECTED	120808ML-15		300 Sq Ft
R0B	Baseboard/Mopboard Adhesive 4" Gray Baseboard					**Total Amount - 100 Sq Ft**
	5	THROUGHOUT BUILDING	NONE DETECTED	120808ML-16		100 Sq Ft
R0C	Baseboard/Mopboard Adhesive 4" Beige Baseboard					**Total Amount - 20 Sq Ft**
	261	THROUGHOUT 2001 ADDITION	NONE DETECTED	120808ML-19		20 Sq Ft
R0D	Baseboard/Mopboard Adhesive 4" Brown Baseboard (2000)					**Total Amount - 200 Sq Ft**
	252	THROUGHOUT 2000 ADDITION	NONE DETECTED	120808ML-23		200 Sq Ft
R0E	Baseboard/Mopboard Adhesive 4" Gray Baseboard (2015)					**Total Amount - 100 Sq Ft**
	266	THROUGHOUT BAKER CENTER	NEW			100 Sq Ft
S0A	Wood Floor Felt / Vapor Barrier 1925 Original Building					**Total Amount - 4700 Sq Ft**
	13	ROOM 2206	ASSUMED			750 Sq Ft
	15	ROOM 2203	ASSUMED			750 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	22	ROOM 3203	ASSUMED			750 Sq Ft
	24	ROOM 3201	ASSUMED			750 Sq Ft
	29	ROOM 4203	ASSUMED			200 Sq Ft
	30	ROOM 4204	ASSUMED			750 Sq Ft
	34	ROOM 4201	ASSUMED			750 Sq Ft
V0A	Sink Undercoating Gray (1971)					**Total Amount - 40 Sq Ft**
	45	THROUGHOUT 1971 ADDITION	NONE DETECTED	120808ML-28		40 Sq Ft
V0B	Sink Undercoating Black					**Total Amount - 90 Sq Ft**
	139	ROOM 2103	5 CH	120808ML-13		5 Sq Ft
	143	ROOM 2104	5 CH			5 Sq Ft
	147	ROOM 2105	5 CH			5 Sq Ft
	150	ROOM 2106	5 CH			5 Sq Ft
	158	ROOM 2107	5 CH			5 Sq Ft
	162	ROOM 2108	5 CH			5 Sq Ft
	166	ROOM 2109	5 CH			5 Sq Ft
	170	ROOM 2110	5 CH			5 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	179	ROOM 2207	5 CH			5 Sq Ft
	183	ROOM 2208	5 CH			5 Sq Ft
	213	ROOM 3103	5 CH			5 Sq Ft
	217	ROOM 3104	5 CH			5 Sq Ft
	221	ROOM 3105	5 CH			5 Sq Ft
	224	ROOM 3106	5 CH			5 Sq Ft
	231	ROOM 3107	5 CH			5 Sq Ft
	235	ROOM 3108	5 CH			5 Sq Ft
	239	ROOM 3109	5 CH			5 Sq Ft
	243	ROOM 3110	5 CH			5 Sq Ft
V0C	Sink Undercoating Gray (2000)					**Total Amount - 38 Sq Ft**
	19	ROOM 2203	NONE DETECTED			4 Sq Ft
	127	WORK ROOM 2004	NONE DETECTED			5 Sq Ft
	189	ROOM 2214	NONE DETECTED			4 Sq Ft
	244	IMC 3111	NONE DETECTED			5 Sq Ft
	255	2000 ADDITION ROOM 1113	NONE DETECTED	120808ML-25		10 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	272	BAKER CENTER C202	NONE DETECTED			5 Sq Ft
	275	BAKER CENTER C201	NONE DETECTED			5 Sq Ft
V0D	Sink Undercoating White (2015)					**Total Amount - 10 Sq Ft**
	281	BAKER CENTER C109	NEW			5 Sq Ft
	283	BAKER CENTER KITCHEN C108	NEW			5 Sq Ft
W1A	1' x 1' Ceiling Tile Adhesive Associated w/I1A					**Total Amount - 1200 Sq Ft**
	66	CAFETERIA/GYMNASIUM 1201	NONE DETECTED	072524-BF-1, 2	BF-1,2: CAFETERIA/GYMNASIUM 1201.	1200 Sq Ft
W1B	1' x 1' Ceiling Tile Adhesive Associated w/I1B					**Total Amount - 2242 Sq Ft**
	49	NORTHEAST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	<1 ANT			15 Sq Ft
	69	NORTHWEST STAIRWELL FROM GROUND FLOOR TO 1ST FLOOR	<1 ANT			15 Sq Ft
	109	GIRLS' LOCKER ROOM 1211 ENTRANCE	<1 ANT	072524-BF-7; 120808ML-32	BF-7: GIRLS' LOCKER ROOM 1211 ENTRANCE.	6 Sq Ft
	152	STAIRWELL 2199B	<1 ANT			12 Sq Ft
	172	STAIRWELL 2199C	<1 ANT	120808ML-33		12 Sq Ft
	194	THROUGHOUT 1971 ADDITION 2ND FLOOR HALLWAYS & RESTROOMS	<1 ANT	072524-BF-14	BF-14: RESTROOM 3101.	825 Sq Ft
	199	ROOMS 3103-3110	<1 ANT			1200 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	201	2ND FLOOR STAIRWELL 3299D	<1 ANT			50 Sq Ft
	206	ROOM 3206	<1 ANT	120808ML-34		7 Sq Ft
	226	2ND FLOOR STAIRWELL 3199B	<1 ANT			50 Sq Ft
	247	2ND FLOOR STAIRWELL 3199C	<1 ANT			50 Sq Ft
W1C	1' x 1' Ceiling Tile Adhesive Associated w/I1C					**Total Amount - 165 Sq Ft**
	33	ROOM 4201	<1 ANT	072524-BF-16; 050721BV-02; 120808ML-53	BF-16 & BV-02: ROOM 4201.	165 Sq Ft
W1D	1' x 1' Ceiling Tile Adhesive Associated w/I1D					**Total Amount - 250 Sq Ft**
	116	POOL 1114	<1 ANT	122112MA-01	MA-01: POOL.	250 Sq Ft
X0A	Miscellaneous Material Metal Frame Chalkboard Adhesive (1971)					**Total Amount - 355 Sq Ft**
	76	ROOM 1105	ASSUMED			20 Sq Ft
	80	ROOM 1104	ASSUMED			10 Sq Ft
	85	ROOM 1103	ASSUMED			20 Sq Ft
	137	ROOM 2103	ASSUMED			15 Sq Ft
	141	ROOM 2104	ASSUMED			15 Sq Ft
	145	ROOM 2105	ASSUMED			10 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	149	ROOM 2106	ASSUMED			10 Sq Ft
	156	ROOM 2107	ASSUMED			15 Sq Ft
	160	ROOM 2108	ASSUMED			15 Sq Ft
	164	ROOM 2109	ASSUMED			15 Sq Ft
	168	ROOM 2110	ASSUMED			15 Sq Ft
	177	ROOM 2207	ASSUMED			15 Sq Ft
	181	ROOM 2208	ASSUMED			15 Sq Ft
	184	ROOM 2211	ASSUMED			15 Sq Ft
	191	STUDIO ROOM 2213	ASSUMED			15 Sq Ft
	208	ROOM 3206	ASSUMED			15 Sq Ft
	211	ROOM 3103	ASSUMED			15 Sq Ft
	215	ROOM 3104	ASSUMED			15 Sq Ft
	219	ROOM 3105	ASSUMED			15 Sq Ft
	223	ROOM 3106	ASSUMED			15 Sq Ft
	229	ROOM 3107	ASSUMED			15 Sq Ft
	233	ROOM 3108	ASSUMED			15 Sq Ft
	237	ROOM 3109	ASSUMED			15 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	241	ROOM 3110	ASSUMED			15 Sq Ft
X0B	Miscellaneous Material Wired Window Glaze (1971)					**Total Amount - 17 Sq Ft**
	138	ROOM 2103	10 CH	120808ML-12	ML-12: MAIN OFFICE RECEPTION (SINCE REMOVED 2001).	1 Sq Ft
	142	ROOM 2104	10 CH			1 Sq Ft
	146	ROOM 2105	10 CH			1 Sq Ft
	157	ROOM 2107	10 CH			1 Sq Ft
	161	ROOM 2108	10 CH			1 Sq Ft
	165	ROOM 2109	10 CH			1 Sq Ft
	169	ROOM 2110	10 CH			1 Sq Ft
	178	ROOM 2207	10 CH			1 Sq Ft
	182	ROOM 2208	10 CH			1 Sq Ft
	209	ROOM 3206	10 CH			1 Sq Ft
	212	ROOM 3103	10 CH			1 Sq Ft
	216	ROOM 3104	10 CH			1 Sq Ft
	220	ROOM 3105	10 CH			1 Sq Ft
	230	ROOM 3107	10 CH			1 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	234	ROOM 3108	10 CH			1 Sq Ft
	238	ROOM 3109	10 CH			1 Sq Ft
	242	ROOM 3110	10 CH			1 Sq Ft
X0C	Miscellaneous Material Wood Frame Chalkboard Adhesive (1925)					**Total Amount - 75 Sq Ft**
	14	ROOM 2206	ASSUMED			15 Sq Ft
	16	ROOM 2203	ASSUMED			5 Sq Ft
	23	ROOM 3203	ASSUMED			15 Sq Ft
	25	ROOM 3201	ASSUMED			10 Sq Ft
	31	ROOM 4204	ASSUMED			15 Sq Ft
	35	ROOM 4201	ASSUMED			15 Sq Ft
X0D	Miscellaneous Material Green & Gray Vinyl Countertop					**Total Amount - 8 Sq Ft**
	36	ROOM 4202	NONE DETECTED	428-18		8 Sq Ft
X0E	Miscellaneous Material Tackboard Adhesive (1971)					**Total Amount - 500 Sq Ft**
	44	THROUGHOUT 1971 ADDITION	NONE DETECTED	072611MV-02		500 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
X0F	Miscellaneous Material Coating on outside of Elevator Car					**Total Amount - 300 Sq Ft**
	87	ELEVATOR TA17	5 CH	2402541-1	2402541-1: ELEVATOR CAR.	300 Sq Ft
X0G	Miscellaneous Material Residual Roofing/Waterproofing Material					**Total Amount - 125 Sq Ft**
	256	2000 ADDITION ROOM 1113	NONE DETECTED	041224JA-01, 02	JA-01,02; 2000 ADDITION ROOM 1113	125 Sq Ft
X0H	Miscellaneous Material White Blown-in Insulation					**Total Amount - 400 Sq Ft**
	37	1928 ORIGINAL BUILDING ATTIC	NONE DETECTED	031524JA-01, 02, 03	JA-01,02,03: 1928 ORIGINAL BUILDING ATTIC.	400 Sq Ft
X1A	Miscellaneous Material 6" x 6" Red/Brown Ceramic Floor Tile System					**Total Amount - 1300 Sq Ft**
	12	2000 HALLWAY	ASSUMED			300 Sq Ft
	55	KITCHEN AREA & STORAGE ROOMS	ASSUMED			1000 Sq Ft
X1B	Miscellaneous Material 4" Brown Ceramic Baseboard System					**Total Amount - 500 Sq Ft**
	43	THROUGHOUT 1971 ADDITION	ASSUMED			500 Sq Ft
X1C	Miscellaneous Material 1" x 1" Green/Brown/White Ceramic Floor Tile System					**Total Amount - 1190 Sq Ft**
	78	ROOM 1105A (RESTROOM)	ASSUMED			30 Sq Ft
	86	ROOM 1103A RESTROOM	ASSUMED			30 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
	104	BOYS' RESTROOM 1207	ASSUMED			90 Sq Ft
	105	GIRLS' RESTROOM 1206	ASSUMED			40 Sq Ft
	111	GIRLS' LOCKER ROOM 1211	ASSUMED			220 Sq Ft
	112	BOYS' LOCKER ROOM 1214	ASSUMED			220 Sq Ft
	120	POOL OFFICE 1213 RESTROOM	ASSUMED			30 Sq Ft
	133	NURSE'S OFFICE 2202 RESTROOM	ASSUMED			30 Sq Ft
	135	BOYS' AND GIRLS' RESTROOM NEXT TO ROOM 2103	ASSUMED			500 Sq Ft
X1D	Miscellaneous Material 2" x 2" Beige Ceramic Floor Tile System					**Total Amount - 35 Sq Ft**
	82	ROOM 1104A (RESTROOM)	ASSUMED			35 Sq Ft
X1E	Miscellaneous Material 1" x 1" Blue Ceramic Floor Tile System					**Total Amount - 2000 Sq Ft**
	117	POOL 1114	ASSUMED			1500 Sq Ft
	197	RESTROOMS 3101 & 3102	ASSUMED			500 Sq Ft
X1F	Miscellaneous Material 2' x 2' Gray/Blue Ceramic Floor Tile System					**Total Amount - 600 Sq Ft**
	268	THROUGHOUT BAKER CENTER RESTROOMS	NEW			600 Sq Ft

Homogeneous Area ID Code (Material Type)	IEA Event No.	Location	% Asbestos	Sample No.	Sample Location	Estimated Total Amount
X1G	Miscellaneous Material 4" x 4" White, Green & Red Ceramic Wall Tile System					**Total Amount - 450 Sq Ft**
	269	THROUGHOUT BAKER CENTER RESTROOMS	NEW			450 Sq Ft
X1H	Miscellaneous Material 2" X 2" Gray with White Specks Ceramic Floor Tile System					**Total Amount - 50 Sq Ft**
	101	HANDICAPPED RESTROOM 1206A	NEW			50 Sq Ft
X1I	Miscellaneous Material 4" X 4" Gray Ceramic Wall Tile System					**Total Amount - 150 Sq Ft**
	102	HANDICAPPED RESTROOM 1206A	NEW			150 Sq Ft
Z0A	Miscellaneous Material Vermiculite (1971)					**Total Amount - 10000 Sq Ft**
	38	THROUGHOUT 1971 ADDITION	<1 ACT	111915ML-01, 02, 03	ML-01,02,03: BOILER ROOM.	10000 Sq Ft

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EMSL Order: 352406960
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
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Project: 2001 202410731 Cherokee Heights Elementary

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Received Date: 07/26/2024 8:00 AM
Analysis Date: 07/30/2024
Collected Date: 07/25/2024

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
072524-BF-1 *352406960-0001*	Room 1204 - Ceiling Tile (2'x4') - I3C	Gray Fibrous Homogeneous	90% Glass	10.0% Non-fibrous (Other)	**None Detected**
072524-BF-2 *352406960-0002*	Room 1204 - Ceiling Tile (2'x4') - I3E	Beige Fibrous Homogeneous	35% Cellulose 50% Glass	15.0% Non-fibrous (Other)	**None Detected**
072524-BF-3 *352406960-0003*	Room 1204 - Ceiling Tile (2'x4') - I3H	Beige Fibrous Homogeneous	60% Cellulose 30% Glass	10.0% Non-fibrous (Other)	**None Detected**
072524-BF-4 *352406960-0004*	Restroom 1207 - Ceiling Tile (2'x4') - Sheetrock	White Non-Fibrous Homogeneous	5% Cellulose 5% Glass	15% Mica 75.0% Non-fibrous (Other)	**None Detected**
072524-BF-5 *352406960-0005*	Restroom 1206A - Ceiling Tile (2'x4') - I3I	Beige Fibrous Homogeneous	45% Cellulose 35% Glass	20.0% Non-fibrous (Other)	**None Detected**
072524-BF-6 *352406960-0006*	Entry to 1211 - Ceiling Tile (1'x1') - I1B	Beige Fibrous Homogeneous	25% Cellulose 60% Glass	15.0% Non-fibrous (Other)	**None Detected**
072524-BF-7 *352406960-0007*	Entry to 1211 - Ceiling Tile adhesive - Adhesive only - W1B	Brown Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**<1% Anthophyllite**
072524-BF-8 *352406960-0008*	Room 1102 - Ceiling Tile (2'x4') - I3F	Beige Fibrous Homogeneous	60% Cellulose 30% Glass	10.0% Non-fibrous (Other)	**None Detected**
072524-BF-9 *352406960-0009*	Restroom 1104A - Ceiling Tile (2'x4') - I2C	Beige Fibrous Homogeneous	60% Cellulose 30% Glass	10.0% Non-fibrous (Other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/30/2024 15:53:19

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Project ID:

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Analysis Date: 07/30/2024
Collected Date: 07/25/2024

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
072524-BF-10 *352406960-0010*	Kitchen Restroom - Ceiling Tile (2'x4') - I3D	White Non-Fibrous Homogeneous	3% Cellulose 5% Glass	92.0% Non-fibrous (Other)	**None Detected**
072524-BF-11 *352406960-0011*	Kitchen Hallway - Ceiling tile (2'x4') - I3D	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
072524-BF-12 *352406960-0012*	Hall by 2105 - Ceiling Tile (2'x4') - I3A	Beige Fibrous Homogeneous	45% Cellulose 50% Glass	5.0% Non-fibrous (Other)	**None Detected**
072524-BF-13 *352406960-0013*	Closet 2205A - Plaster Ceiling - M0A	White Non-Fibrous Homogeneous	3% Glass	97.0% Non-fibrous (Other)	**None Detected**
072524-BF-14 Ceiling Tile *352406960-0014*	Restroom 3101 - Ceiling Tle (1'x1') + Adhesive - I1B/W1B	Beige Fibrous Homogeneous	25% Cellulose 60% Glass	15.0% Non-fibrous (Other)	**None Detected**
072524-BF-14 Adhesive *352406960-0014A*	Restroom 3101 - Ceiling Tle (1'x1') + Adhesive - I1B/W1B	Brown Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**<1% Anthophyllite**
072524-BF-15 *352406960-0015*	Restroom 3101 - Plaster Ceiling - M0B	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
072524-BF-16 Ceiling Tile *352406960-0016*	Room 4201 - Ceiling Tile (1'x1') + Adhesive (Dark brown + Tan) I1C/W1C	Beige Fibrous Homogeneous	60% Cellulose 30% Glass	10.0% Non-fibrous (Other)	**None Detected**
072524-BF-16 Brown Mastic *352406960-0016A*	Room 4201 - Ceiling Tile (1'x1') + Adhesive (Dark brown + Tan) I1C/W1C	Brown Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**<1% Anthophyllite**

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/30/2024 15:53:19

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Customer ID: IFEA50
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Received Date: 07/26/2024 8:00 AM
Analysis Date: 07/30/2024
Collected Date: 07/25/2024

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
072524-BF-16 Yellow Mastic *352406960-0016B*	Room 4201 - Ceiling Tile (1'x1') + Adhesive (Dark brown + Tan) I1C/W1C	Yellow Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/30/2024 15:53:19

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EMSL Order:	352406960
Customer ID:	IFEA50
Customer PO:	
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Attention:	Emma Squires-Sperling Inst. For Environmental Assessment 9201 West Broadway Suite 600 Brooklyn Park, MN 55445	**Phone:**	(763) 315-7927
		Fax:	(763) 315-7920
		Received Date:	07/26/2024 8:00 AM
		Analysis Date:	07/30/2024
		Collected Date:	07/25/2024
Project:	2001 202410731 Cherokee Heights Elementary		

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	07/26/2024	Sample Receipt Time:	8:00 AM
Analysis Completed Date:	07/30/2024	Analysis Completed Time:	3:39 PM

Analyst(s):

Andrew Capaul

Andrew Capaul PLM (19)

Samples Reviewed and approved by:

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/30/2024 15:53:19

9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

69160

CHAIN OF CUSTODY

Client # 2001 Project # 202410731
Client Saint Paul Public Schools
Address
Building Name Cherokee Heights Elementary
Project Name
Contact Person
Other Information
IEA Project Manager Brenda Fischer

Shaded Areas are for Laboratory Use Only!

Verbal results to | Phone, Fax No. or E-Mail | TAT (circle) 6 hr 24 hr 48 hr 72 hr 96 hr Specify

Verbal results relayed to | Verbal results relayed by | Date | Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ○ Other

Sample #	Work Area or Phase #	Sample Description/Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
072524-BF-1	Room 1204	Ceiling tile (2'x4')	I3C		○	X	○	○	X	○		○	○	○
072524-BF-2	Room 1204	Ceiling tile (2'x4')	I3E		○	○	○	○	○	○		○	○	○
072524-BF-3	Room 1204	Ceiling tile (2'x4')	I3H		○	○	○	○	○	○		○	○	○
072524-BF-4	Restroom 1207	Ceiling tile (2'x4') -Sheetrock			○	○	○	○	○	○		○	○	○
072524-BF-5	Restroom 1206A	Ceiling tile (2'x4')	I3I		○	○	○	○	○	○		○	○	○
072524-BF-6	Entry to 1211	Ceiling tile (1'x1')	I1B		○	○	○	○	○	○		○	○	○
072524-BF-7	Entry to 1211	Ceiling tile adhesive -adhesive only	W1B		○	○	○	○	○	○		○	○	○
072524-BF-8	Room 1102	Ceiling tile (2'x4')	I3F		○	○	○	○	○	○		○	○	○
072524-BF-9	Restroom 1104A	Ceiling tile (2'x2')	I2C		○	○	○	○	○	○		○	○	○
072524-BF-10	Kitchen Restroom	Ceiling tile (2'x4')	I3D		○	○	○	○	○	○		○	○	○
072524-BF-11	Kitchen Hallway	Ceiling tile (2'x4')	I3D		○	○	○	○	○	○		○	○	○
072524-BF-12	Hall by 2105	Ceiling tile (2'x4')	I3A		○	○	○	○	○	○		○	○	○
072524-BF-13	Closet 2205A	Plaster ceiling	M0A		○	○	○	○	○	○		○	○	○
072524-BF-14	Restroom 3101	Ceiling tile (1'x1') + adhesive	I1B/W1B		○	○	○	○	○	○		○	○	○
072524-BF-15	Restroom 3101	Plaster ceiling	M0B		○	○	○	○	○	○		○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: F/CC. Batch Number: Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Brenda Fischer	7-25-24	8:30 AM		7-25-24	1540	ES	7/26/24	8am			
Received by	Date	Time	Delivered by	Date	Time	Analysis by	Date	Time	Delivered by	Date	Time
	7-25-24	1424			1740						

DB

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Page 1 of 2

OrderID: 352406960

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(763) 315-7900
1-800-233-9513

69160

CHAIN OF CUSTODY

Client # 2001 Project # 2024110731
Client Saint Paul Public Schools
Address

Building Name Cherokee Heights Elementary
Project Name
Contact Person
Other Information

Shaded Areas are for Laboratory Use Only!

IEA Project Manager Brenda Fischer

Verbal results to | Phone, Fax No. or E-Mail | TAT (circle) 6 hr 24 hr (48 hr) 72 hr 96 hr Specify

Verbal results relayed to | Verbal results relayed by | Date | Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ○ Other

Sample #	Work Area or Phase #	Sample Description/Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
072524-BF16	Room 4201	Ceiling tile (1'x1') + adhesive (dark brown + tan)	IIC/WIC		○	X	○	○	X	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: _____ F/CC

Batch Number:

Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Brenda Fischer	7-25-24	8:30am	[signature]	7-25-24	1510	[signature]	7/26/24	8am			
Received by	**Date**	**Time**	**Delivered by**	**Date**	**Time**	**Analysis by**	**Date**	**Time**	**Delivered by**	**Date**	**Time**
[signature]	7-25-24	1424									

DB

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OrderID: 352406960

LEGEND
Technical Services, Inc.

88 Empire Drive
St. Paul, MN 55103
Tel: 651-642-1150

BULK MATERIAL ASBESTOS ANALYSIS REPORT

Client: Ron Trudeau
Red Pine Industries, Inc.
4829 126th Street North
White Bear Lake, MN 55110

Report Date: 06/28/24
Date Received: 06/27/24
Date Analyzed: 06/28/24

Client Project: 694 Charitan Street – Elevator Car

Project No: 2402541

SAMPLE NO.	LAB NO.	SAMPLE DESCRIPTION	ASBESTOS TYPE (%)	OTHER MATERIAL (%)
1	2402541 – 1	Elevator Car Walls Black Coating on Steel Walls Black, Cementitious Homogeneous	**5% Chrysotile**	**90% Nonfibrous** **3% Chrysotile** **2% Glass Fibers**

The analysis was performed in accordance with current U.S. Environmental Protection Agency (USEPA) protocols, 40 CFR Appendix E to Subpart E of Part 763, "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and "Method for the Determination of Asbestos in Bulk Building Materials," 1993 (EPA 600/R-93-116). All reported percentages are by visual estimates. In the case of nonhomogeneous samples, each material or layer is analyzed separately, and the reported percentages are based on the total sample as received. Samples will be disposed of 30 days from the date of this report, unless other instructions are received from the client.
The samples were received in acceptable condition.

NVLAP Laboratory Accreditation Number: 102081-0

ANALYST:



Todd Giorgi
Microscopist

- This document cannot be duplicated, except in its entirety, without the express written authorization from LEGEND TECHNICAL SERVICES, INC.
- This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.
- This report relates only to the above items tested as received.
- Reported percentages represent the median of the laboratories acceptable range.

Red Pine Industries, Inc.

LEGEND TECHNICAL SERVICES, INC

Rush

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY

Project Name: Elevator car

Location: 694 Charitan St.

Results Needed By: _____

Work Order No: 240254

Sample No.	Lab No.	Location	Material Description	Physical Description (Circle)	LAB ONLY Asbestos Content	Balance of Material
1	240254-1	Elevator car walls	Black coating on steel walls	Color: Black CEM FIB HOM LAY HET	5 % Chrysotile % Amosite % %	3 % Cellulose 90 % Nonfibrous 2 % Glass %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %
				Color: _____ CEM FIB HOM LAY HET	% Chrysotile % Amosite % %	% Cellulose % Nonfibrous % %

Sampled By: Ron Trudeau Date: 6-27-24

Received in Lab By: _____ Date: 06/28/24

Sent to Lab By: (NA if same as "Sampled by") Ron Trudeau Date: 6-27-24

Analyzed By: _____ Date 6/28/24

CEM – Cementitious FIB – Fibrous HOM – Homogeneous LAY – Layered HET – Heterogeneous

FORM ASB-008 (04/12)

Certificate No: 5LM09252301IR

Expiration Date: September 25, 2024

This is to certify that

Ronald L. Trudeau

has attended and successfully completed an

ASBESTOS INSPECTOR

REFRESHER TRAINING COURSE

permitted by

the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722

and meets the requirements of

Section 206 of Title II of the Toxic Substances Control Act (TSCA)

conducted by

Lake States Environmental, Ltd.

Attended Remotely on September 25, 2023

Examination Date: September 25, 2023

Lake States Environmental, Ltd.
P. O. Box 645, Rice Lake, WI 54868
www.lakestates.com
(800) 254-9811

Grant J Grassle

Training Instructor

Director, Env. Health Div.



No. AI213

Issued: 11/02/2023

ASBESTOS INSPECTOR
DEPARTMENT OF HEALTH
Certified by:
State of Minnesota
Department of Health
Expires: 09/25/2024
Ronald L Trudeau
4829 126th St N
White Bear Lake, MN 55110

EMSL Analytical, Inc.
3410 Winnetka Avenue North New Hope, MN 55427
Tel/Fax: (763) 449-4922 / (763) 449-4924
http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352406609
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 2001 202410731 Cherokee Heights Elementary

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 07/17/2024 4:42 PM
Analysis Date: 07/19/2024
Collected Date: 07/17/2024

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
071724-BF-1-Ceiling Tile *352406609-0001*	Gym 1201 - Ceiling Tile + Dark Brown Adhesive I1B/W1B	Gray/White Fibrous Heterogeneous	40% Cellulose 50% Glass	5% Perlite 5.0% Non-fibrous (Other)	**None Detected**
071724-BF-1-Adhesive *352406609-0001A*	Gym 1201 - Ceiling Tile + Dark Brown Adhesive I1B/W1B	Brown Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	**None Detected**
071724-BF-2-Ceiling Tile *352406609-0002*	Gym 1201 - Ceiling tile, dark brown + tan adhesive I1B/W1B	Gray/White Fibrous Heterogeneous	40% Cellulose 50% Glass	5% Perlite 5.0% Non-fibrous (Other)	**None Detected**
071724-BF-2-Adhesive *352406609-0002A*	Gym 1201 - Ceiling tile, dark brown + tan adhesive I1B/W1B	Brown Non-Fibrous Heterogeneous		100.0% Non-fibrous (Other)	**None Detected**
071724-BF-3 *352406609-0003*	Gym 1201 - Plaster ceiling (plaster only) M0A	White Non-Fibrous Homogeneous	12% Cellulose	88.0% Non-fibrous (Other)	**None Detected**
071724-BF-4 *352406609-0004*	Gym 1201 - Plaster ceiling (plaster only) M0A	White Non-Fibrous Homogeneous	12% Cellulose 4% Glass	84.0% Non-fibrous (Other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/19/2024 11:03:29

EMSL Analytical, Inc.
3410 Winnetka Avenue North New Hope, MN 55427
Tel/Fax: (763) 449-4922 / (763) 449-4924
http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352406609
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 2001 202410731 Cherokee Heights Elementary

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 07/17/2024 4:42 PM
Analysis Date: 07/19/2024
Collected Date: 07/17/2024

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	07/17/2024	Sample Receipt Time:	4:42 PM
Analysis Completed Date:	07/19/2024	Analysis Completed Time:	10:58 AM

Analyst(s):

Bennett Hanson PLM (6)

Samples Reviewed and approved by:

Rachel Travis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 07/19/2024 11:03:29

9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

6609

CHAIN OF CUSTODY

OrderID: 352406609

Client # 2001 Project # 2024 10731 Building Name Cherokee Heights Elementary

Client Saint Paul Public Schools Project Name

Address Contact Person IEA Project Manager Brenda Fischer

Other Information

Shaded Areas are for Laboratory Use Only!

Verbal results to | Phone, Fax No. or E-Mail | TAT (circle) 6 hr 24 hr (48 hr) 72 hr 96 hr Specify

Verbal results relayed to | Verbal results relayed by | Date | Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ○ Other

Sample #	Work Area or Phase #	Sample Description/Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
071724-BF-1	Gym 1201	Ceiling tile + dark brown adhesive	~~I1B/W1B~~	I1A/W1A	○	X	○	○	X	○		○	○	○
071724-BF-2	↓	Ceiling tile, dark brown + tan adhesive	~~I1B/W1B~~	I1A/W1A	○	X	○	○	X	○		○	○	○
071724-BF-3	↓	Plaster ceiling > plaster only	M0A		○	X	○	○	X	○		○	○	○
071724-BF-4	↓	Plaster ceiling	M0A		○	X	○	○	X	○		○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: _____ F/CC. Batch Number: Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Brenda Fischer	7-17-24	12:00pm		7-17-24	16:30		7/17/24	4:42p			
Received by	**Date**	**Time**	**Delivered by**	**Date**	**Time**	**Analysis by**	**Date**	**Time**	**Delivered by**	**Date**	**Time**
	7-17-24	PM									

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3410 Winnetka Avenue North New Hope, MN 55427
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http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352403367
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 202410293 - Cherokee Heights

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 04/12/2024 2:00 PM
Analysis Date: 04/16/2024
Collected Date: 04/12/2024

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
041224JA-01 Gray Layer *352403367-0001*	Black/Yellow Waterproofing - Room 1113	Gray/White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
041224JA-01 Black Layer *352403367-0001A*	Black/Yellow Waterproofing - Room 1113	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
041224JA-01 Brown Layer *352403367-0001B*	Black/Yellow Waterproofing - Room 1113	Brown Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
041224JA-02 Gray Layer *352403367-0002*	Black/Yellow Waterproofing - Room 1113	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**
041224JA-02 Black Layer *352403367-0002A*	Black/Yellow Waterproofing - Room 1113	Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 04/17/2024 10:51:09

EMSL Analytical, Inc.
3410 Winnetka Avenue North New Hope, MN 55427
Tel/Fax: (763) 449-4922 / (763) 449-4924
http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352403367
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 202410293 - Cherokee Heights

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 04/12/2024 2:00 PM
Analysis Date: 04/16/2024
Collected Date: 04/12/2024

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	04/12/2024	Sample Receipt Time:	2:00 PM
Analysis Completed Date:	04/16/2024	Analysis Completed Time:	3:07 PM

Analyst(s):

Michael Craigmile PLM (5)

Samples Reviewed and approved by:

Rachel Travis, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 04/17/2024 10:51:09

9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

3367

CHAIN OF CUSTODY

Page 1 of 1

Client # _____ Project # 20241025 3

Client St. Paul Public Schools

Address _____

Building Name Cherokee Heights

Project Name _____

Contact Person _____

Other Information _____

Shaded Areas are for Laboratory Use Only!

IEA Project Manager Brenda F

Verbal results to IEA Labs | Phone, Fax No. or E-Mail IEA Lab, Emma S. | TAT (circle) 6 hr 24 hr 48 hr 72 hr 96 hr Specify

Verbal results relayed to | Verbal results relayed by | Date | Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ○ Other _____

Sample #	Work Area or Phase #	Sample Description/Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
641224JA -	01	Black/Yellow Waterproof - Room 1113			○	●	○	○	●	○		○	○	○
	- 02	" " " "			○	●	○	○	●	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: _____ F/CC. | Batch Number: | Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Jeff Anderson	4-12-24	11:00	Jeff Anderson	4-12-24	12:15	[signature]	4/12/24	2:00 pm			
Received by	**Date**	**Time**	**Delivered by**	**Date**	**Time**	**Analysis by**	**Date**	**Time**	**Delivered by**	**Date**	**Time**
[signature]	4-12-24	13:40	[signature]	4-12-24	1340						

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OrderID: 352403367

EMSL Analytical, Inc.
3410 Winnetka Avenue North New Hope, MN 55427
Tel/Fax: (763) 449-4922 / (763) 449-4924
http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352402471
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 202410293 Cherokee Heights El.

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 03/18/2024 8:00 AM
Analysis Date: 03/18/2024
Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
031524JA-01 *352402471-0001*	Rm 4202 Attic - White blown Insulation (TTP)	White Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	**None Detected**
031524JA-02 *352402471-0002*	Rm 4202 Attic - White blown Insulation (TTP)	White Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	**None Detected**
031524JA-03 *352402471-0003*	Rm 4202 Attic - White blown Insulation (TTP)	White Fibrous Homogeneous	98% MinWool	2.0% Non-fibrous (Other)	**None Detected**

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 03/18/2024 14:16:20

EMSL Analytical, Inc.
3410 Winnetka Avenue North New Hope, MN 55427
Tel/Fax: (763) 449-4922 / (763) 449-4924
http://www.EMSL.com / minneapolislab@emsl.com

EMSL Order: 352402471
Customer ID: IFEA50
Customer PO:
Project ID:

Attention: Emma Squires-Sperling
Inst. For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445
Project: 202410293 Cherokee Heights El.

Phone: (763) 315-7927
Fax: (763) 315-7920
Received Date: 03/18/2024 8:00 AM
Analysis Date: 03/18/2024
Collected Date:

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date:	03/18/2024	Sample Receipt Time:	8:00 AM
Analysis Completed Date:	03/18/2024	Analysis Completed Time:	2:15 PM

Analyst(s):

Daniel Nordland PLM (3)

Samples Reviewed and approved by:

Rachel Travis, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. New Hope, MN NVLAP Lab Code 200019-0; Colorado AL-24478

Initial report from: 03/18/2024 14:16:20

9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

2471

CHAIN OF CUSTODY

Page 1 of 1

Client # _____ Project # 202410293

Client St. Paul Public Schools

Address _____

Building Name Cherokee Heights El.

Project Name _____

Contact Person _____

IEA Project Manager Brenda F.

Other Information _____

Shaded Areas are for Laboratory Use Only!

Verbal results to Emma S. | Phone, Fax No. or E-Mail IEA Lab, Emma S. | TAT (circle) 6 hr 24 hr 48 hr 72 hr 96 hr Specify

Verbal results relayed to | Verbal results relayed by | Date | Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ○ Other _____

Sample #	Work Area or Phase #	Sample Description/Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
031524 JA -	01	White blown Insulation - Room 4202 Attic		TTP	○	●	○	○	●	○		○	○	○
-	02	" - " "			○	○	○	○	○	○		○	○	○
-	03	" - " "			○	●	○	○	●	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
					○	○	○	○	○	○		○	○	○
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					○	○	○	○	○	○		○	○	○
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					○	○	○	○	○	○		○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: _____ F/CC. | Batch Number: | Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Jeff Anderson	3-15-24	7:00	Jeff Anderson	3-15-24	8:20	DRN (DB)	3/10/24	8:00am			
Received by	**Date**	**Time**	**Delivered by**	**Date**	**Time**	**Analysis by**	**Date**	**Time**	**Delivered by**	**Date**	**Time**

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OrderID: 352402471