

7. HAMBRIGHT ELEMENTARY SCHOOL

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The Hambright Elementary School was constructed in 1936. Classroom additions were added in 1951, 1958 and 1963.

**Friable Asbestos-Containing Materials Requirements**

The Boiler Gaskets, Boiler Breeching Insulation, Condenser Tank Insulation, Hot water Tank Insulation and assorted Pipe and Fitting Insulation was previously identified as containing asbestos. Much of this insulation is presently damaged and will be removed by a Qualified Abatement Contractor during a major 1988 renovation project.

The Asbestos Floor Tile in this building are in good, undamaged condition and do not constitute a health hazard. These floor tile do not require removal if not disturbed by renovation work or prior to building demolition.

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT: PENN MANOR

BUILDING: HAMBRIGHT ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø111-HAM-Ø1A	NONE DETECTED	Ceiling Plaster	Boiler Rm #1/near steps
Ø111-HAM-Ø1B	NONE DETECTED	Ceiling Plaster	Boiler Rm #1/Center of room
Ø111-HAM-Ø1C	NONE DETECTED	Ceiling Plaster	Boiler Rm #1/Left of Boiler
Ø111-HAM-Ø2	55% Chrysotile	Boiler Gasket	Boiler Rm #1/Left of Boiler
Ø111-HAM-Ø4	3-5% Chrysotile	Floor Tile/Brown-Dark	Entrance #1
Ø111-HAM-Ø5A	NONE DETECTED	Wall Plaster	Room #3
Ø111-HAM-Ø5B	NONE DETECTED	Wall Plaster	Reading Storage Closet
Ø111-HAM-Ø5C	NONE DETECTED	Wall Plaster	Boys Room
Ø111-HAM-Ø5D	NONE DETECTED	Wall Plaster	Room #4
Ø111-HAM-Ø5E	NONE DETECTED	Wall Plaster	Room #5
Ø111-HAM-Ø7A	NONE DETECTED	Wall Plaster	Kitchen
Ø111-HAM-Ø7B	NONE DETECTED	Wall Plaster	Room #6
Ø111-HAM-Ø7C	NONE DETECTED	Wall Plaster	Entrance #2
Ø111-HAM-Ø7D	NONE DETECTED	Wall Plaster	Hallway across from Room #6
Ø111-HAM-Ø7E	NONE DETECTED	Wall Plaster	All Purpose Room
Ø111-HAM-Ø8A	NONE DETECTED	Ceiling Tile	Principals Office

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT: PENN MANOR

BUILDING: HAMBRIGHT ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø111-HAM-1Ø	1-3% Chrysotile	Floor Tile/red w/black & white	Kitchen and Storage
Ø111-HAM-12A	NONE DETECTED	Ceiling Tile in tracks	All Purpose Room near Kitchen
Ø111-HAM-18A	NONE DETECTED	Ceiling Plaster	Janitors Closet/2nd floor
Ø111-HAM-18B	NONE DETECTED	Ceiling Plaster	Hallway near bldg. 1951
Ø111-HAM-18C	NONE DETECTED	Ceiling Plaster	Hallway near bldg. 1963
Ø111-HAM-18D	NONE DETECTED	Ceiling Plaster	Storage Room/2nd floor
Ø111-HAM-18E	NONE DETECTED	Ceiling Plaster	Storage Room/Basement
Ø111-HAM-19A	60% Chrysotile	Fitting Insulation	Faculty Room
Ø111-HAM-2Ø	3-5% Chrysotile	Floor Tile-Grey	Room #9
Ø111-HAM-22A	NONE DETECTED	Ceiling Tile	Storeroom Near #15
Ø111-HAM-23A	NONE DETECTED	Roof Insulation	Storeroom Near #15
Ø111-HAM-23B	NONE DETECTED	Roof Insulation	Hallway near 1958 Building
Ø111-HAM-23C	NONE DETECTED	Roof Insulation	Near Exit #9
Ø111-HAM-24A	NONE DETECTED	Wall Board	Storeroom Near #15
Ø111-HAM-24B	NONE DETECTED	Wall Board	Storeroom Near #15
Ø111-HAM-24C	NONE DETECTED	Wall Board	Library



SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>ABOVE SUSPENDED CEILING (ENTIRE BUILDING)</u>	CEILING MATL (ROOF INS)	(ENTIRE BLDG)	GOOD	YES	2	LOW	--	NO ACTION			0111-HAM-23A	NONE DETECTED
	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-24A	NONE DETECTED
<u>ALL PURPOSE ROOM</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-07E	NONE DETECTED
<u>ALL PURPOSE ROOM (BOTH ADDITIONS)</u>	CEIL TILE 2'X4'	1580 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION			0111-HAM-12A	NONE DETECTED
<u>BOILER ROOM #1 (ORIGINAL 1936)</u>	CEILING PLASTER	975 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0111-HAM-01A	NONE DETECTED
	CEILING PLASTER	-----	GOOD	NO	2	LOW	--	NO ACTION			0111-HAM-01B	NONE DETECTED
	CEILING PLASTER	-----	GOOD	NO	2	LOW	--	NO ACTION			0111-HAM-01C	NONE DETECTED
	MACM/BOILER GASKET MATERIAL	UNKNOWN	FAIR	YES	2	LOW	4	REPAIR	50.00	UNKNOWN-----	0111-HAM-02	55% CHRYSOTILE
	TSIACM/BOILER BRRECHING	55 SQ FT	POOR	YES	2	LOW	1A	REMOVE	900.00	900.00	LLI#U31146501	20% AMOSITE
	TSIACM/CONDENSATE TANK INSUL	80 SQ FT	FAIR	YES	2	LOW	1B	REPAIR	270.00	1800.00	LLI#U31146500	46% CHRYSOTILE
	TSIACM/FITTING INSULATION	20	POOR	YES	2	LOW	1A	REMOVE	600.00	600.00	RAML09-442569	65% CHRYSOTILE
	TSIACM/PIPING INSULATION	6" DIA X 75'	POOR	YES	2	LOW	1A	REMOVE	1200.00	1200.00	LLI#U31146505	42% CHRYSOTILE
	TSIACM/PIPING INSULATION	4" DIA X 30'	POOR	YES	2	LOW	1A	REMOVE	390.00	390.00	LLI#U31146505	42% CHRYSOTILE
<u>BOYS RESTROOM ACROSS FROM ROOM #4</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-05C	NONE DETECTED
<u>CLASSROOM #3</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-05A	NONE DETECTED
<u>CLASSROOM #4</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-05D	NONE DETECTED
<u>CLASSROOM #5</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-05E	NONE DETECTED
<u>CLASSROOM #6 (1951 ADDITION)</u>	CEIL TILE 1'X1'	860 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION		1.00 PER SQ FT	0111-HAM-08A	NONE DETECTED

NOTES:

BOILER ROOM #1 (ORIGINAL 1936): REPAIR FRIABLE AREAS WITH BRIDGING ENCAPSULANT

BOILER ROOM #1 (ORIGINAL 1936): THE BOILER IS FUELED WITH HEATING OIL; METAL JACKETED AND INSULATED WITH FIBERGLASS



SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHERA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>CLASSROOM #6 (1951 ADDITION)</u>	MACM/FL TILE 9"X9"(BRN/ORG)	860 SQ FT	GOOD	NO	1	LOW	6	NO ACTION			R0111-HAM-04	3-5% CHRYSOTILE
	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-07B	NONE DETECTED
<u>CLASSROOM #8 (1958)</u>	MACM/FLOOR TILE	1080 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0111-HAM-20	3-5% CHRYSOTILE
<u>CLASSROOM #9 (1958)</u>	MACM/FL TILE 9"X9"(GREY/PNK)	815 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	0111-HAM-20	3-5% CHRYSOTILE
<u>CLASSROOMS &amp; HALLWAY GROUND FLOOR (1963)</u>	CEILING MATL (ROOF INS)	6000 SQ FT APP	GOOD	YES	2	LOW	--	NO ACTION			0111-HAM-23B	NONE DETECTED
	CEILING TILE 2'X4'	6000 SQ FT APP	GOOD	YES	1	HIGH	--	NO ACTION			R0111-HAM-22A	NONE DETECTED
<u>CLASSROOMS FIRST FLOOR (1958)</u>	MACM/FLOOR TILE	3310 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0111-HAM-13	1-3% CHRYSOTILE
<u>CUSTOD CLOSET ACROSS FROM FACULTY LOUNGE</u>	CEILING PLASTER	80 SQ FT	GOOD	NO	2	LOW	--	NO ACTION			0111-HAM-18A	NONE DETECTED
<u>EXIT #1 FOYER ADJ TO READING/STOR CLOSET</u>	MACM/FLOOR TILE 9"X9"BRN/ORG	64 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		\$1.00 PER SQ FT	0111-HAM-04	3-5% CHRYSOTILE
<u>FACULTY ROOM</u>	MACM/FLOOR TILE	210 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	R0111-HAM-20	3-5% CHRYSOTILE
<u>FACULTY ROOM (4)</u>	TSIACM/FITTING INSULATION	4	POOR	YES	1	HIGH	1A	REMOVE	120.00	120.00	0111-HAM-19A	60% CHRYSOTILE
<u>FIRST FLOOR HALLWAYS</u>	MACM/FLOOR TILE	570 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		1.00 PER SQ FT	0111-HAM-20	3-5% CHRYSOTILE
<u>FOYER EXIT NEAR ROOM #5 (1951 ADDITION)</u>	CEIL TILE 1'X1'	880 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION			0111-HAM-08A	NONE DETECTED
	MACM/FLR TILE 9"X9"(BRN/ORG)	880 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		\$1 PER SQ FT	R0111-HAM-04	3-5% CHRYSOTILE
	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION			0111-HAM-07C	NONE DETECTED
<u>GIRLS RESTRM ACROSS FROM FACULTY LOUNGE</u>	CEILING PLASTER	200 SQ FT	POOR	YES	1	HIGH	--	NO ACTION			R0111-HAM-18A	NONE DETECTED
<u>GROUND FLOOR (1958) CLASSROOMS #7 &amp; #10</u>	MACM/FLOOR TILE	1620 SQ FT	GOOD	NO	1	LOW	6	NO ACTION		\$1 PER SQ FT	R0111-HAM-20	3-5% CHRYSOTILE

NOTES:

FACULTY ROOM (4): FITTING RESIDUE REMAINING ON FIBERGLASS PIPING. (4) CLEAN EVERY 6 MONTHS

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHERA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
GROUND FLOOR (1958) STAIRWELL NR RM #10	CEILING PLASTER	350 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-18C	NONE DETECTED
GROUND FLOOR (1958) STOR RM ADJ TO RM #9	CEILING PLASTER	100 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-18B	NONE DETECTED
GROUND FLOOR STAIRWELL NEAR BOILER RM	CEILING PLASTER	350 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-18B	NONE DETECTED
HALLWAY (1951 ADDITION)	MACM/PL TILE 9"X9"(BRN/ORG)	275 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	R0111-HAM-04	3-5% CHRYSOTILE
HALLWAY 1963 (GROUND FLOOR)	CEILING MATL (ROOF INS)	ENTIRE BLDG	GOOD	YES	2	LOW	--	NO ACTION	-----	-----	0111-HAM-23C	NONE DETECTED
	CEILING TILE 1'X2'	1400 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION	-----	-----	R0111-HAM-22A	NONE DETECTED
	MACM/FLOOR TILE 9"X9"	1400 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	R0111-HAM-26	3-5% CHRYSOTILE
HALLWAY ACROSS FROM ROOM #6	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-07D	NONE DETECTED
KITCHEN	MACM/PL TILE 9"X9"(RED,WH,BK)	730 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	0111-HAM-10	1-3% CHRYSOTILE
	TSIACM/PIPING INSULATION	4" DIA X 12'	FAIR	YES	1	HIGH	1B	REMOVE	156.00	156.00	LLI#U31146505	42% CHRYSOTILE
KITCHEN (5)	TSIACM/FITTING INSULATION	3	FAIR	YES	1	HIGH	1B	REMOVE	90.00	90.00	RAML09-442569	65% CHRYSOTILE
KITCHEN/CAPETERIA	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-07A	NONE DETECTED
LIBRARY	MACM/PL TILE 9"X9"(GRN/WHI)	1665 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	0111-HAM-26	3-5% CHRYSOTILE
	WALL PLASTER	525 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-24C	NONE DETECTED
LOBBY (1963)	WALLBOARD PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-24B	NONE DETECTED
NURSES ROOM (1958 ADDITION)	MACM/FLOOR TILE	265 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	R0111-HAM-20	3-5% CHRYSOTILE

NOTES:

KITCHEN (5): (5) CLEAN EVERY 3 MONTHS

LOBBY (1963): HALLWAY FLOORS ARE CONSTRUCTED OF TERRAZZO MATERIAL. THE MAJORITY OF WALLS ARE CONSTRUCTED OF PAINTED CONCRETE BLOCK



SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHERA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>PIPE TUNNELS</u>	TSIACM/FITTING INSULATION	40	FAIR	YES	3	LOW	1B	REMOVE	1200.00	1200.00	RAML09-442569	65% CHRYSOTILE
	TSIACM/PIPING INSULATION	6" DIA X 320'	POOR	YES	3	LOW	1A	REMOVE	5120.00	5120.00	LLI#U31146505	42% CHRYSOTILE
	TSIACM/PIPING INSULATION	4" DIA X 780'	POOR	YES	3	LOW	1A	REMOVE	10140.00	10140.00	LLI#U31146505	42% CHRYSOTILE
<u>PLMBG ACCESS ACROSS FROM FACULTY LOUNGE</u>	TSIACM/FITTING INSULATION	10	FAIR	YES	2	HIGH	1A	REMOVE	300.00	300.00	R0111-HAM-19A	60% CHRYSOTILE
<u>PLMBG ACCESS BETWEEN RESTROOMS (1963)</u>	FITTING INSULATION	30	GOOD	NO	1	MEDIUM	--	NO ACTION	-----	-----	0111-HAM-25A	NONE DETECTED
	FITTING INSULATION	-----	GOOD	NO	1	MEDIUM	--	NO ACTION	-----	-----	0111-HAM-25B	NONE DETECTED
<u>PRINCIPAL'S OFFICE</u>	CEILING TILE	285 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION	-----	-----	R0111-HAM-08A	NONE DETECTED
<u>READING STORAGE CLOSET</u>	WALL PLASTER	-----	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-05B	NONE DETECTED
<u>STORAGE ROOM (SPBECH) FIRST FLOOR</u>	CEILING PLASTER	300 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-18D	NONE DETECTED
<u>STORAGE ROOM ACROSS FROM ROOM #15 (1963)</u>	MCM/FLOOR TILE	400 SQ FT	GOOD	NO	1	LOW	6	NO ACTION	-----	\$1 PER SQ FT	0111-HAM-26	3-5% CHRYSOTILE
<u>SUSPENDED CEILING STORAGE ROOM (1963)</u>	CEILING TILE 2'X4'	400 SQ FT	GOOD	YES	1	HIGH	--	NO ACTION	-----	-----	0111-HAM-22A	NONE DETECTED

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NOTES:

PIPE TUNNELS: DIRT FLOORS IN PIPE TUNNELS CONTAIN LOOSE ASBESTOS DEBRIS. BOILER ROOM #2 CEILING & FLOOR IS CONSTRUCTED OF POURED CONCRETE; ALL TSIACM WAS ABATED IN SUMMER OF 1987. CLEAN DEBRIS

PLMBG ACCESS ACROSS FROM FACULTY LOUNGE: THESE FITTINGS ARE SUBJECT TO SIGNIFICANT DAMAGE FROM JANITORIAL EQUIPMENT

PLMBG ACCESS BETWEEN RESTROOMS (1963): AREA USED FOR EQUIPMENT STORAGE. ALL FITTINGS ARE CANVAS WRAPPED. PIPING IS FIBERGLASS INSULATED

STORAGE ROOM ACROSS FROM ROOM #15 (1963): ALL PIPE AND FITTING INSULATION IS FIBERGLASS