

10. PEQUEA ELEMENTARY SCHOOL

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The Pequea Elementary School was built in 1952 with major additions constructed in 1955, 1958 and 1963.

Friable Asbestos-Containing Materials Requirements

Boiler Room

The Boiler Insulation and the Boiler Breeching Insulation exhibit significant damage and should be removed as soon as possible. The Thermal Asbestos Pipe and Fitting Insulation exhibit minor damaged areas. All exposed friable areas of this insulation should be repaired with a bridging encapsulant and a new covering.

Restroom Plumbing Chases

Thermal Asbestos Pipe and Fitting Insulation located in both Restroom Plumbing Chases and in the Piping Tunnels are significantly damaged and should be removed as soon as possible. All areas with significantly damaged materials should have access immediately restricted. Consideration should be given to total removal of Asbestos Thermal Systems Insulation from the school. Table I details pipe and fitting insulation which presently requires minor repair or removal.

Asbestos-Containing Materials Requirements

The exterior soffit on walkway canopies contain asbestos. These Transite panels are in good, undamaged condition and do not require any remedial work as long as these panels remain undisturbed.

The Floor Tile throughout the school contain three to five percent (3-5%) Chrysotile Asbestos. The tile do not constitute a health hazard and do not require removal if not disturbed. If renovation or demolition is planned for areas which contain asbestos floor tile, the floor tile must be removed by a Qualified Abatement Contractor and disposed in a Department of Environmental Resources approved landfill.

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT: PENN MANOR

BUILDING: PEQUEA ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø115-PEQ-Ø1A	2Ø% Chrysotile	Fitting Ins. on 8" air cell line	Boiler Room
Ø115-PEQ-Ø2A	6Ø% Chrysotile 5% Amosite	Fitting Ins. on Paper Line	Boiler Room
Ø115-PEQ-Ø3A	3Ø% Chrysotile 3Ø% Amosite	Boiler Breeching & Boiler Ins.	Boiler Room
Ø115-PEQ-Ø4A	8Ø% Chrysotile	8" Air Cell Line	Boiler Room
Ø115-PEQ-Ø5A	5-1Ø% Chrysotile	Fiber Board Pipe Ins.	Boiler Room
Ø115-PEQ-Ø6A	NONE DETECTED	Ceiling Plaster	Boiler Room
Ø115-PEQ-Ø6B	NONE DETECTED	Ceiling Plaster	Boiler Room
Ø115-PEQ-Ø6C	NONE DETECTED	Ceiling Plaster	Boiler Room
Ø115-PEQ-Ø7A	NONE DETECTED	Ceiling Tile	Hallway
Ø115-PEQ-Ø8A	NONE DETECTED	Wall Plaster	Classroom #8
Ø115-PEQ-Ø8B	NONE DETECTED	Wall Plaster	Classroom #8
Ø115-PEQ-Ø8C	NONE DETECTED	Wall Plaster	Hallway
Ø115-PEQ-11	3-5% Chrysotile	Floor Tile/tan w/ brown	Room #8
Ø115-PEQ-12A	NONE DETECTED	Wall Plaster	Foyer Near Room #7
Ø115-PEQ-12B	NONE DETECTED	Wall Plaster	Boys Room
Ø115-PEQ-12C	NONE DETECTED	Wall Plaster	---
Ø115-PEQ-12D	NONE DETECTED	Wall Plaster	Library

BULK SAMPLE SUMMARY SHEET

SCHOOL DISTRICT: PENNMANOR

BUILDING: PEQUEA ELEMENTARY

SAMPLE NUMBER	RESULT	MATERIAL SAMPLED	SAMPLE LOCATION
Ø115-PEQ-12E	NONE DETECTED	Wall Plaster	Hallway
Ø115-PEQ-12F	NONE DETECTED	Wall Plaster	Storeroom Near Room #3
Ø115-PEQ-12G	NONE DETECTED	Wall Plaster	Nurses Bathroom
Ø115-PEQ-14	3-5% Chrysotile	Floor Tile - Red	Library
Ø115-PEQ-18A	NONE DETECTED	Ceiling Tile	Hallway
Ø115-PEQ-19	1-3% Chrysotile	Floor Tile - Green	Room #13
Ø115-PEQ-20A	NONE DETECTED	Ceiling Tile	Hallway
Ø115-PEQ-21A	NONE DETECTED	Plaster	Room #13
Ø115-PEQ-21B	NONE DETECTED	Plaster	Room #12
Ø115-PEQ-21C	NONE DETECTED	Plaster	Hallway
Ø115-PEQ-22A	NONE DETECTED	Wall Plaster	Kitchen Storage
Ø115-PEQ-22B	NONE DETECTED	Wall Plaster	Reading Room
Ø115-PEQ-22C	NONE DETECTED	Wall Plaster	Storage Room
Ø115-PEQ-23	NONE DETECTED	Floor Tile - Light Tan	All Purpose Room

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	BPA AHJRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>ALL PURPOSE ROOM (1963)</u>	CEILING TILE	3000 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0115-PBQ-07A	NONE DETECTED
	FLOOR TILE 1'X1'(L.TAN)	3000 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PBQ-23	NONE DETECTED
<u>ALL PURPOSE ROOM STORAGE ROOM</u>	CEILING TILE	150 SQ FT	GOOD	YES	1	LOW	--	NO ACTION			R0115-PBQ-07A	NONE DETECTED
	MACM/FLOOR TILE	150 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PBQ-11	3-5% CHRYSOTILE
	WALL PLASTER	-----	GOOD	NO	1	LOW	--	NO ACTION			0115-PBQ-22C	NONE DETECTED
<u>BOILER ROOM</u>	CEILING PLASTER	495 SQ FT	FAIR	NO	2	LOW	--	NO ACTION			0115-PBQ-06A	NONE DETECTED
	CEILING PLASTER	-----	FAIR	NO	2	LOW	--	NO ACTION			0115-PBQ-06B	NONE DETECTED
	CEILING PLASTER	-----	FAIR	NO	2	LOW	--	NO ACTION			0115-PBQ-06C	NONE DETECTED
	TSIACM/BREACHING INSULATION	200 SQ FT	POOR	YES	2	HIGH	1A	REMOVE	4500.00	4500.00	0115-PBQ-03A	30% C-30% A
	TSIACM/FITTING INSULATION	30	FAIR	YES	2	LOW	1B	REPAIR	300.00	900.00	0115-PBQ-01A	20% CHRYSOTILE
	TSIACM/FITTING INSULATION	50	FAIR	NO	2	LOW	5	REPAIR	500.00	1500.00	0115-PBQ-02A	60% C-5% AMOSITE
	TSIACM/PIPING INSULATION	8" DIA X 100'	FAIR	YES	2	LOW	1B	REPAIR	400.00	1600.00	0115-PBQ-04A	80% CHRYSOTILE
	TSIACM/PIPING INSULATION	12" DIA X 15'	FAIR	YES	2	LOW	1B	REPAIR	60.00	285.00	0115-PBQ-04A	80% CHRYSOTILE
	TSIACM/PIPING INSULATION	3" DIA X 300'	FAIR	YES	2	LOW	1B	REPAIR	1200.00	3900.00	0115-PBQ-05A	5-10% CHRYSOTILE
<u>BOILER ROOM (28)</u>	TSIACM/BOILER INSULATION	150 SQ FT	POOR	YES	2	HIGH	1A	REMOVE	3375.00	3375.00	0115-PBQ-03A	30% C-30% A
<u>BOYS RESTROOM ACROSS FROM CLASSROOM #1</u>	WALL PLASTER	550 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PBQ-12B	NONE DETECTED
<u>CLASSROOM #10</u>	CEILING TILE	880 SQ FT	GOOD	YES	1	LOW	--	NO ACTION			R0115-PBQ-20A	NONE DETECTED

NOTES:

BOILER ROOM: WATER STORAGE TANK IS NOT INSULATED

BOILER ROOM (28): (28) CLEAN EVERY 6 MONTHS

BOYS RESTROOM ACROSS FROM CLASSROOM #1: TERRAZZO TYPE FLOOR MATERIAL PRESENT IN ALL HALLWAYS & RESTROOMS

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	EPA AHBRA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
<u>CLASSROOM #10</u>	MACM/FLOOR TILE	880 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE
	WALL PLASTER	875 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	R0115-PEQ-21A	NONE DETECTED
<u>CLASSROOM #11</u>	CEILING TILE	880 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	R0115-PEQ-20A	NONE DETECTED
	MACM/FLOOR TILE	880 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
	WALL PLASTER	875 SQ FT	GOOD	NO	1	HIGH	--	NO ACTION	-----	-----	R0115-PEQ-21A	NONE DETECTED
<u>CLASSROOM #12</u>	CEILING TILE	875 SQ FT	FAIR	YES	1	HIGH	--	NO ACTION	-----	-----	R0115-PEQ-20A	NONE DETECTED
	MACM/FLOOR TILE (RED)	880 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
	WALL PLASTER	850 SQ FT	G-F	YES	1	LOW	--	NO ACTION	-----	-----	0115-PEQ-21B	NONE DETECTED
<u>CLASSROOM #13 (1958)</u>	CEILING TILE 1'X1'HOLBS	880 SQ FT	FAIR	YES	1	HIGH	--	NO ACTION	-----	-----	0115-PEQ-20A	NONE DETECTED
	MACM/FLOOR TILE (GRN/WHI)	880 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	0115-PEQ-19	1-3% CHRYSOTILE
	WALL PLASTER	850 SQ FT	FAIR	YES	1	HIGH	--	NO ACTION	-----	-----	0115-PEQ-21A	NONE DETECTED
<u>CLASSROOM #2</u>	CEILING TILE	770 SQ FT	GOOD	YES	1	LOW	--	NO ACTION	-----	-----	R0115-PEQ-07A	NONE DETECTED
	MACM/FLOOR TILE	770 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
	WALL PLASTER	810 SQ FT	GOOD	NO	1	LOW	--	NO ACTION	-----	-----	0115-PEQ-12C	NONE DETECTED
<u>CLASSROOM #3</u>	CEILING TILE 1'X1'CREV	870 SQ FT	GOOD	YES	1	LOW	--	NO ACTION	-----	-----	R0115-PEQ-18	NONE DETECTED
	MACM/FLOOR TILE	870 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
<u>CLASSROOM #4</u>	CEILING TILE	810 SQ FT	GOOD	YES	1	LOW	--	NO ACTION	-----	-----	R0115-PEQ-07A	NONE DETECTED
	MACM/FLOOR TILE	810 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
<u>CLASSROOM #6 (1952)</u>	CEILING TILE	770 SQ FT	GOOD	YES	2	LOW	--	NO ACTION	-----	-----	R0115-PEQ-07A	NONE DETECTED
	MACM/FLOOR TILE	770 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN	-----	\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
<u>CLASSROOM #7 (1952)</u>	CEILING TILE	770 SQ FT	GOOD	YES	2	LOW	--	NO ACTION	-----	-----	R0115-PEQ-07A	NONE DETECTED

NOTES:

CLASSROOM #11: PIPE INSULATION REFERENCE 0115-PEQ-5A,B,C.

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
CLASSROOM #7 (1952)	MACM/FLOOR TILE (RED)	770 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-14	3-5% CHRYSOTILE
CLASSROOM #8 (1955)	MACM/FLOOR TILE(TAN/BROWN)	835 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	0115-PEQ-11	3-5% CHRYSOTILE
	WALL PLASTER		GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-08A	NONE DETECTED
	WALL PLASTER	810 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-08B	NONE DETECTED
CLASSROOM #9 (1955)	MACM/FLOOR TILE	835 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE
	MACM/FLOOR TILE	835 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE
CRAWL SPACE AREAS	TSIACM/FITTING INSULATION	30	POOR	YES	3	LOW	1A	REMOVE	900.00	900.00	R0115-PEQ-02A	60% C-5% A
	TSIACM/PIPING INSULATION	8" DIA X 850'	POOR	YES	3	LOW	1A	REMOVE	13600.00	13600.00	R0115-PEQ-04A	80% CHRYSOTILE
	TSIACM/PIPING INSULATION	4" DIA X 650'	POOR	YES	3	LOW	1A	REMOVE	8450.00	8450.00	R0115-PEQ-05A	10% CHRYSOTILE
	TSIACM/PIPING INSULATION	3" DIA X 800'	POOR	YES	3	LOW	1A	REMOVE	10400.00	10400.00	R0115-PEQ-05A	10% CHRYSOTILE
	TSIACM/PIPING INSULATION	2" DIA X 150'	POOR	YES	3	LOW	1A	REMOVE	1950.00	1950.00	R0115-PEQ-05A	10% CHRYSOTILE
CRAWL SPACE AREAS (29)	TSIACM/FITTING INSULATION	35	POOR	YES	3	LOW	1A	REMOVE	1050.00	1050.00	0115-PEQ-01A	20% CHRYSOTILE
EXIT NEAR 1955 ADDITION CANOPY (OUTSIDE)	MACM/TRANSITE PANELS	120 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		480.00	R0115-PEQ-06	20% CHRYSOTILE
GIRLS RESTROOM ACROSS FROM CLASSROOM #1	WALL PLASTER	550 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			R0115-PEQ-12B	NONE DETECTED
HALLWAY (1952) & (1955)	CEILING TILE	1660 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			0115-PEQ-07A	NONE DETECTED
HALLWAY (1955)	WALL PLASTER	UNKNOWN	GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-08C	NONE DETECTED
HALLWAY (1958)	WALL PLASTER	435 SQ FT	FAIR	YES	1	HIGH	--	NO ACTION			0115-PEQ-21C	NONE DETECTED
HALLWAY ACROSS FROM LIBRARY	WALL PLASTER		GOOD	YES	1	LOW	--	NO ACTION			0115-PEQ-12B	NONE DETECTED

NOTES:

CRAWL SPACE AREAS (29): (29) CLEAN DEBRIS 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
HALLWAY MAIN LOBBY	CEILING TILE 1'X1'CREV	650 SQ FT	GOOD	YES	1	LOW	--	NO ACTION			R0115-PEQ-18A	NONE DETECTED
HALLWAY NEAR ROOM #7	WALL PLASTER	1330 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-12A	NONE DETECTED
KITCHEN EXIT CANOPY OUTSIDE	MACM/TRANSITE	50 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN			R0113-CON-6	20% CHRYSOTILE
KITCHEN STORAGE ROOM (1963)	MACM/FLOOR TILE	240 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE
	WALL PLASTER		GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-22A	NONE DETECTED
LIBRARY	CEILING TILE	1060 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0115-PEQ-07A	NONE DETECTED
	MACM/FLOOR TILE (RED)	1060 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	0115-PEQ-14	3-5% CHRYSOTILE
	WALL PLASTER	585 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-12D	NONE DETECTED
MAIN ENTRANCE CANOPY OUTSIDE	MACM/TRANSITE	270 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		1080.00	R0113-CON-6	20% CHRYSOTILE
MUSIC ROOM	MACM/FLOOR TILE	290 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE
	WALL PLASTER		GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-22B	NONE DETECTED
NURSE & PRINCIPAL'S OFFICE	CEILING TILE 1'X1'CREV		GOOD	YES	1	LOW	--	NO ACTION			R0115-PEQ-18A	NONE DETECTED
PLUMBING ACCESS ACROSS FROM CLASSROOM #1	TSIACM/FITTING INSULATION	7	POOR	YES	2	MEDIUM	1A	REMOVE	210.00	210.00	R0115-PEQ-02A	60% C-5% AMOSITE
	TSIACM/PIPING INSULATION	3" DIA X 60'	POOR	YES	2	MEDIUM	1A	REMOVE	780.00	780.00	R0115-PEQ-05A	5-10% CHRYSOTILE
RESTROOM ADJACENT TO NURSES OFFICE	WALL PLASTER	300 SQ FT	GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-12G	NONE DETECTED
STAGE	CEILING TILE	700 SQ FT	GOOD	YES	2	LOW	--	NO ACTION			R0115-PEQ-07A	NONE DETECTED
	MACM/FLOOR TILE (GRBY/PINK)	700 SQ FT	GOOD	NO	1	LOW	6	NO ACTION/OPER & MAINT PLAN		\$1 PER SQ FT	R0115-PEQ-11	3-5% CHRYSOTILE

NOTES:

HALLWAY MAIN LOBBY: ACCESS ABOVE ALL 1'X1' CEILING TILE IS VERY RESTRICTED. AN UNKNOWN QUANTITY OF THERMAL ASBESTOS INSULATION IS PRESENT

PLUMBING ACCESS ACROSS FROM CLASSROOM #1: AREA USED FOR EQUIPMENT STORAGE; DEBRIS ON FLOOR PRESENT FROM LOOSE FITTING INSULATION. CLEAN EVERY 6 MONTHS

SAMPLE LOCATION	TYPE/SPECIFIC TYPE	QUANTITY	COND.	FRIABLE	ACCESS	POTENTIAL FOR DAMAGE	BPA AHERA CATEGORY	RECOMMENDED ACTION	COST OF RECOMMENDED WORK	COST OF TOTAL REMOVAL	SAMPLE NUMBER	RESULTS
STORAGE ROOM ADJACENT TO CLASSROOM #3	WALL PLASTER		GOOD	NO	1	LOW	--	NO ACTION			0115-PEQ-12F	NONE DETECTED

END OF PRINT JOB
 RUN DATE: 03/30/88