

**TABLE 1: SUMMARY OF HAZARDOUS MATERIALS SURVEY**  
**Lawncrest Library and Recreation Center**  
**6000 Rising Sun Avenue**  
**Philadelphia, PA 19111**

LAWNCREST RECREATION BUILDING 1				
Material	Description	Location(s)	Quantity	Recommendation
Miscellaneous cleaning chemicals	Cleaner, paint	Throughout	120 gallons	Reuse or dispose as appropriate
Paint/flammables/ combustibles	Gasoline	Throughout	2 gallons	Reuse or dispose as appropriate
Freon containing units	Refrigerator, freezer, water fountains	Throughout	16	Option 1: Reuse (remove)      Option 2: Recapture and recycle Freon to be performed by an EPA certified technician, then dispose of equipment as construction debris
Mercury-containing thermostats	Thermostats	Throughout	3	Option 1: Reuse      Option 2: Dispose as appropriate as hazardous waste
Mercury-containing light ballasts	Potentially mercury containing	Throughout	134	Option 1: Reuse      Option 2: Dispose as appropriate as hazardous waste
Mercury-containing light tubes, compact fluorescent bulbs (CFLs), halogen bulbs	2-foot & 4-foot (T8 & T12) and fluorescent CFL and U Bent Bulbs	Throughout	410	Reuse or dispose as appropriate
Lead-acid batteries	Emergency Lights	Throughout	5	Option 1: Reuse (remove) Option 2: Dispose as universal hazardous waste.

LAWNCREST RECREATION BUILDING 2				
Material	Description	Location(s)	Quantity	Recommendation
Miscellaneous cleaning chemicals	Cleaners	Throughout	4 gallons	Reuse or dispose as appropriate
Freon containing units	Refrigerator, freezer, water fountains	Throughout	1	Option 1: Reuse (remove)      Option 2: Recapture and recycle Freon to be performed by an EPA certified technician, then dispose of equipment as construction debris
Mercury-containing light ballasts	Potentially mercury containing	Throughout	26	Option 1: Reuse      Option 2: Dispose as appropriate as hazardous waste
Mercury-containing light tubes, compact fluorescent bulbs (CFLs), halogen bulbs	4-foot (T8 & T12) and fluorescent CFL and U Bent Bulbs	Throughout	74	Reuse or dispose as appropriate
Lead-acid batteries	Emergency Lights	Throughout	3	Option 1: Reuse (remove) Option 2: Dispose as universal hazardous waste.

LAWNCREST LIBRARY				
Material	Description	Location(s)	Quantity	Recommendation
Miscellaneous cleaning chemicals	Cleaner, paint	Throughout	57 gallons	Reuse or dispose as appropriate
Paint/flammables/ combustibles	Gasoline	Throughout	1/2 gallon	Reuse or dispose as appropriate
Freon containing units	Refrigerator, freezer, water fountains	Throughout	2	Option 1: Reuse (remove)      Option 2: Recapture and recycle Freon to be performed by an EPA certified technician, then dispose of equipment as construction debris
Mercury-containing light ballasts	Potentially mercury containing	Throughout	78	Option 1: Reuse      Option 2: Dispose as appropriate as hazardous waste
Mercury-containing light tubes, compact fluorescent bulbs (CFLs), halogen bulbs	2-foot & 4-foot (T8 & T12) and fluorescent CFL and U Bent Bulbs	Throughout	294	Reuse or dispose as appropriate
Lead-acid batteries	Emergency Lights	Throughout	4	Option 1: Reuse (remove) Option 2: Dispose as universal hazardous waste.

**Notes:**

Electrical transformers are present. The transformers were not labelled with respect to PCB-containing oils. Accordingly, PCB-oils are potentially present. PCB-oil should be recovered and disposed in accordance with the regulation.

*This table is part of Duffield Associates' Phase I Environmental Site Assessment report prepared for the Lawncrest Library and Recreational Center and dated August 2019*

TABLE 2: SUMMARY OF ASBESTOS-CONTAINING MATERIALS  
 Lawncrest Library and Recreation Center  
 6000 Rising Sun Avenue  
 Philadelphia, PA 19111

Location(s)	Material	Approximate Amounts of ACM	Philadelphia Asbestos Control Regulation Classification	Condition
<b>Library</b>				
Boiler Room	Asbestos Containing Pipe Insulation (ACPI)	25 linear feet	FRIABLE- MINOR	Undamaged
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	5 fittings		Undamaged
	Old Electrical Panels ( <b>ASSUMED</b> )	4 each	NON FRIABLE	Undamaged
	Metal Fire Door Insulation ( <b>ASSUMED</b> )	4 each	FRIABLE	Undamaged
Water Heater Room	ACPI/ACPFI ( <b>ASSUMED TO BE PRESENT ABOVE 1"X1" CEILING TILES</b> )	12 linear feet	FRIABLE- MINOR	N/A
Hall o/s Mech. Rm.	Bottom Layer Tan Vinyl Asbestos Containing Floor Tile (VAT) ( <b>Below non asbestos green floor tile</b> )	40 square feet	FRIABLE- MINOR	Undamaged
Open Library Area (east & west sides)	Tan Vinyl Asbestos Containing Floor Tile (VAT) ( <b>Below Carpet Tiles</b> )	<b>East Side – 1,791ft<sup>2</sup> West Side – 2,390 ft<sup>2</sup></b>	NON FRIABLE	Undamaged
Library	ACPI/ACPFI ( <b>ASSUMED TO BE ABOVE PLASTER CEILING AND PERIMETER WALLS</b> )	~225 linear feet ( <b>ASSUMED TO BE PRESENT</b> )	FRIABLE- MAJOR	N/A
Exterior	Roofing Materials ( <b>Assumed to be asbestos containing</b> )	8,100 ft <sup>2</sup>	NON FRIABLE	Undamaged
	Rear Intake Louver Caulk	16 linear feet	NON FRIABLE	Undamaged
<b>Recreation Building 1</b>				
<b>Basement</b>				
Boiler Room-Storage Rm.	Asbestos Containing Pipe Insulation (ACPI)	30 linear feet	FRIABLE- MINOR	Undamaged
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	2 fittings		
Boiler Room Hallway	Asbestos Containing Pipe Insulation (ACPI)	8 linear feet	FRIABLE- MINOR	Undamaged
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	2 fittings		
Weight Room	Green Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	540 ft <sup>2</sup>	NON FRIABLE	Undamaged
	Asbestos Containing Pipe Insulation (ACPI)	25 linear feet	FRIABLE- MINOR	
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	10 fittings		
Multi-Purpose Room	Asbestos Containing Pipe Insulation (ACPI) ( <b>assumed to be present above metal pan ceiling</b> )	Quantity Undetermined	N/A	N/A
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	4 fittings ( <b>additional quantities assumed above metal pan ceiling</b> )	FRIABLE- MINOR	Undamaged
Main Basement Hallway	Green Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	310 ft <sup>2</sup>	NON FRIABLE	Undamaged
Main Basement Hallway	Asbestos Containing Pipe Insulation (ACPI) ( <b>assumed to be present above metal pan ceiling</b> )	Quantity Undetermined	N/A	N/A
	Asbestos Containing Pipe Fitting Insulation (ACPFI) ( <b>assumed to be present above metal pan ceiling</b> )	Quantity Undetermined		
NW Basement Hallway	Asbestos Containing Pipe Insulation (ACPI)	16 linear feet (multiple locations)	FRIABLE- MINOR	Undamaged
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	4 fittings (multiple locations)		
Far NW Storage Rm.	Asbestos Containing Pipe Insulation (ACPI)	6 linear feet	FRIABLE- MINOR	damaged
	Asbestos Containing Pipe Fitting Insulation (ACPFI)	6 fittings		
	ACPI Debris	4 square feet		
Computer Room	Green 12"x12" VAT	320 ft <sup>2</sup>	NON FRIABLE	Undamaged

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Engineers Office	Green 12"x12" VAT	320 ft <sup>2</sup>	NON FRIABLE	Undamaged
<b>1st Floor</b>				
"Green Room"	Asbestos Containing Pipe Insulation (ACPI)	75 linear feet	FRIABLE- MINOR	Undamaged
	Asbestos Containing Pipe Fitting Insulation (ACPMI)	12 fittings		
Auditorium	Asbestos Containing Pipe Insulation (ACPI) (assumed to be present above plaster ceiling and inside walls)	Quantity Undetermined	N/A	N/A
	Asbestos Containing Pipe Fitting Insulation (ACPMI) (assumed to be present above plaster ceiling and inside walls)			
Auditorium Stage Area	Asbestos Containing Pipe Insulation (ACPI)	50 linear feet	FRIABLE- MINOR	Undamaged
Auditorium – Rear Stage Hall	Asbestos Containing Pipe Insulation (ACPI)	25 linear feet	FRIABLE- MINOR	Undamaged
Children's Play Group Auditorium Dressing Room	Asbestos Containing Pipe Insulation (ACPI) & ACPFI	80 linear feet	FRIABLE- MAJOR	Undamaged
Gym Hall Stair Landing	Green Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	200 ft <sup>2</sup>	NON FRIABLE	Undamaged
Main Office	Green Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	205 ft <sup>2</sup>	NON FRIABLE	Undamaged
Main Hallway	Green & Red Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	500 ft <sup>2</sup>	NON FRIABLE	undamaged
	Asbestos Containing Pipe Insulation (ACPI) & ACPFI	10 linear feet	FRIABLE- MINOR	
Main Lobby	Green & Red Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	375 ft <sup>2</sup>	NON FRIABLE	undamaged
	Asbestos Containing Pipe Insulation (ACPI) & ACPFI	10 linear feet	FRIABLE- MINOR	
Snack Bar	Asbestos Containing Pipe Insulation (ACPI) & ACPFI	10 linear feet	FRIABLE- MINOR	Undamaged
Gymnastics Rm.	Green 12"x12" VAT	1,050 ft <sup>2</sup>	NON FRIABLE	Undamaged
Rear North Foyer	Green Asbestos Containing Vinyl Sheet Flooring ( <b>below black mat flooring</b> )	260 ft <sup>2</sup>	NON FRIABLE	Undamaged
Computer Room	Green 12"x12" VAT	320 ft <sup>2</sup>	NON FRIABLE	Undamaged
Engineers Office	Green 12"x12" VAT	320 ft <sup>2</sup>	NON FRIABLE	Undamaged
Exterior	Roofing Materials ( <b>Assumed to be asbestos containing</b> )	16,337 ft <sup>2</sup>	NON FRIABLE	Undamaged
<b>Boxing Gym/Pool Bathroom/Office Building [Recreation Building 2]</b>				
Exterior	Roofing Materials ( <b>Assumed to be asbestos containing</b> )	3,700 ft <sup>2</sup>	NON FRIABLE	Undamaged

**NOTES:**

ACPI/ACPF = asbestos-containing pipe insulation/ asbestos-containing pipe fittings

VAT = vinyl asbestos tile

VCT = vinyl composition tile (non-asbestos)

LF/LFT = linear feet

ft<sup>2</sup> = square feet

Abatement classification as per the Philadelphia Asbestos Control Regulation

See Synertech's August 9, 2019, *Report for Environmental Investigation (ACM & LBP)*

*& Sampling, Lawncrest Library, Recreation Center, Boxing Gym and Pool Area, 6000 Rising Sun Avenue, Philadelphia PA*

provided in Appendix M of this report.

**TABLE 3: SUMMARY OF LEAD BASED PAINT SURVEY**

**Lawncrest Library and Recreation Center**

**6000 Rising Sun Avenue**

**Philadelphia, PA 19111**

LBP and LCC Components					
Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
<b>Library Building</b>					
<b>No Lead Based Paint Detected</b>					
<b>Recreation Center- Building 1</b>					
<b>Basement</b>					
<b>Multi-Purpose Room</b>	All	Glazed Block Walls	X	X	X
	C	Window Frames & Sashes	X	X	X
<b>Hallway o/s Multi- Purpose Room</b>	All	Glazed Block Walls	X	X	X
	N/A	Ceiling	X	X	X
	N/A	Painted Pipes	X		
	A,C	Stair Railings	X		
<b>NW Storage Room</b>	All	Glazed Block Walls	X	X	X
	N/A	Ceiling	X		
	N/A	Painted Pipes	X		
<b>Hall o/s NW Storage Room</b>	All	Glazed Block Walls	X	X	X
	All	Concrete Walls	X		
	N/A	Sprinkler Pipes	X		
<b>Rear Shower Bathroom</b>	All	Glazed Block Walls	X	X	X
	N/A	Ceiling	X		
	A	Door	X		
<b>East Storage Room</b>	All	Cinder Block Walls	X	X	X
	A	Door Frame	X	X	X
<b>Weight Room</b>	All	Glazed Block Walls	X	X	X
	C	Window Frames & Sashes	X	X	X
	N/A	Painted Drain Pipes	X	X	X
<b>Boiler Room &amp; Boiler Room Storage</b>	All	Concrete & Block Walls	X	X	X
	A,C	Door Frames	X	X	X
	A,C	Doors	X		
	N/A	Painted Pipes & Valves	X		
	N/A	Painted Drain Pipes	X	X	X

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LBP and LCC Components					
Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
<b>1st Floor</b>					
<b>THROUGHOUT</b>	All	Glazed Block Walls	X	X	X
	N/A	Painted Drain Pipes	X	X	X
	All	Window frames & Sashes	X	X	X
<b>Gym Storage Room</b>	All	Glazed Block Walls	X	X	X
<b>Hallways</b>	All	Glazed Block Walls	X	X	X
	N/A	Painted Drain Pipes	X	X	X
<b>Gymnastics</b>	All	Window Frames & Sashes	X	X	X
	All	Glazed Bock Walls	X	X	X
<b>Stair Landings</b>	All	Glazed Bock Walls	X	X	X
<b>Computer Lab</b>	All	Glazed Bock Walls	X	X	X
	N/A	Radiator	X		
	N/A	Pipes	X		
<b>Green Room</b>	All	Glazed Bock Walls	X	X	X
	C	Window Frames & Sashes	X	X	X
	All	Radiator Covers	X		
<b>Auditorium</b>	All	Window Frames & Sashes	X	X	X
	All	Glazed Bock Walls	X	X	X
	N/A	Painted Pipes	X		
	N/A	Painted Drain Pipes	X	X	X
<b>Children's Play Group Room</b>	All	Glazed Block Walls	X	X	X
	All	Window Frames & Sashes	X	X	X
<b>Entry Foyer</b>	All	Window Frames & Sashes	X	X	X

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Location	Wall	Component	>OSHA Threshold	>HUD/EPA Threshold	>CoP DoH Threshold
<b>Recreation Center Building 2: Boxing Gym</b>					
<b>No Lead Based Paint Detected</b>					
<b>Recreation Center Building 2: Pool Pump House</b>					
Pool Pump House- Interior	N/A	Tanks	X		
	N/A	Pipes	X		
Exterior	N/A	Metal Columns & Headers	X		
<b>Recreation Center Building 2: Pool Bathrooms/Locker Rooms &amp; Storage</b>					
Throughout	A	Metal Doors & Frames	X		

Please Note: Regarding entries in the “Wall” column, Direction “A” corresponds to the main front entry wall of the building for common areas and “A” corresponds to the entry door wall for interior room within the building. . Direction “B” corresponds to the next adjacent wall in a clockwise direction and so forth for directions “C” and “D”.

CoP DoH = LBP is defined by the City of Philadelphia Department of Health to contain equal to or greater than 0.70 mg/cm<sup>2</sup> via XRF.

HUD/EPA = LBP is defined by the Federal Department of Housing & Urban Development (HUD) and Environmental Protection Agency (EPA) to contain equal to or greater than 1.00 mg/cm<sup>2</sup> lead via XRF.

OSHA = The OSHA definition correlates to a PRESENT or ABSENT lead content in paints and coatings. OSHA considers results greater than 0.00 mg/cm<sup>2</sup> lead via XRF a Lead Containing Coating (LCC) and >0.01% by weight via paint chip analysis.

See Synertech's August 9, 2019, **Report for Environmental Investigation (ACM &LBP) & Sampling, Lawncrest Library, Recreation Center, Boxing Gym and Pool Area, 6000 Rising Sun Avenue Philadelphia, PA** provided in Appendix M of this report.