

APPENDIX B
SUMMARY TABLES



TABLE 1
SUMMARY OF MOISTURE TESTING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20 AND 22, 2005

Location	Surface Tested	Moisture Content	Condition
Basement, stairwell	Wood lathe strip, exposed at north wall	> 30%	Wet
Basement, stairwell	Wood stair landing	> 80%	Wet
Basement, northeast area	Wood lathe strip, exposed at south wall, near ceiling	17.5%	At Risk
Basement, northeast corner	Brick foundation wall	> 60%	Wet
Basement, southwest corner	Brick foundation wall	> 30%	Wet
Basement, southeast area	Brick foundation wall	> 60%	Wet
Basement, southwest area	Wood floor joist	> 20%	Wet
Basement, southwest area	Wood subfloor	> 20%	Wet
Basement, central area	Wood floor joist	> 20%	Wet
Basement, central area	Wood subfloor	> 20%	Wet
Main floor, north (rear) bedroom	Wall in northwest corner of room	15%	Dry
Main floor, front (southwest) room in west apartment	Wall in southwest corner of room	>20%	Wet
Main floor, front (southwest) room in west apartment	West walls	<17%	Dry
Main floor, kitchen in west apartment	West wall in kitchen	20%	Wet
Main floor, front (southeast) room in east apartment	Wall in southeast corner of room	12%	Dry
Main floor, kitchen in east apartment	East wall below window	26%	Wet
Second floor, north (rear) bedroom	Ceiling in closet	> 17%	At Risk
Second floor, north (rear) bedroom	North wall	< 17%	Dry
Second floor, closet in bathroom of east apartment	Gabled wall/ceiling in closet	> 40%	Wet
Second floor, front (southwest) room in west apartment	Wood lathe strip, exposed in southwest corner of room	>70%	Wet
Second floor, bathroom in west apartment	Interior wall in bathroom	19%	At Risk
Third floor apartment, kitchen	Floor in south end of kitchen	>28%	Wet
Third floor apartment, kitchen	Walls and ceiling	<17%	Dry
Third floor apartment, west-center room	Wood floor	>70%	Wet
Third floor apartment, west-center room	West wall	<17%	Dry

TABLE 2
SUMMARY OF SPORE TRAP AIR SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20, 2005

Sample ID	Sample Description	Mold Species	Mold Concentration	Pollen	Fibrous Glass	Other Fibers	Insect Fragments	Epithelial Cells	Background Dust Loading
050720-01B (58208)	Main level, east apartment, rear bedroom	Aspergillus/Penicillium Cladosporium Ascospores Basidiospores Hyphae	58,956 cts/m ³ 76% 18% 5% <1% <1%	--	--	--	--	--	Heavy
050720-02B (58195)	Main level, west apartment, kitchen	Cladosporium Aspergillus/Penicillium Ascospores Basidiospores Hyphae Alternaria	14,484 cts/m ³ 42% 37% 11% 7% 2% <1%	--	--	102 cts/m ³	--	408 cts/m ³	Moderate
050720-03B (58209)	Third floor apartment, kitchen	Aspergillus/Penicillium Cladosporium Ascospores Chaetomium Alternaria	27,030 cts/m ³ 53% 36% 9% 1% <1%	--	--	306 cts/m ³	--	1,122 cts/m ³	Moderate
050720-04B (58207)	Second floor, north apartment, kitchen	Cladosporium Aspergillus/Penicillium Ascospores Basidiospores Chaetomium Hyphae Alternaria	18,462 cts/m ³ 59% 24% 10% 4% 2% <1% <1%	--	--	102 cts/m ³	--	1,122 cts/m ³	Heavy

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JULY 20, 2005

Sample ID	Sample Description	Mold Species	Mold Concentration	Pollen	Fibrous Glass	Other Fibers	Insect Fragments	Epithelial Cells	Background Dust Loading
050720-05B (58194)	Basement, northeast area	Cladosporium Aspergillus/Penicillium Ascospores Basidiospores Alternaria	14,892 cts/m ³	--	--	102 cts/m ³	--	1,224 cts/m ³	Moderate
050720-06B (58205)	Outside, front yard	Cladosporium Ascospores Basidiospores Aspergillus/Penicillium Other/unidentified Alternaria Hyphae	19,890 cts/m ³	--	--	--	--	--	Moderate
050720-07B (58196)	Field blank	None detected	--	--	--	--	--	--	--

TABLE 3
SUMMARY OF ANDERSEN "N6" CULTURED AIR SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20, 2005

Sample ID	Sample Description	Bacteria Results			Fungal/Mold Results		
		Bacteria ID	Relative Percentage	Bacteria Concentration	Fungi ID	Relative Percentage	Fungal Concentration
050720-01A	Main level, east apartment, rear bedroom	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	70.5% 29.4%	202 cfu/m ³	<i>Cladosporium</i> sp. <i>Aspergillus versicolor</i> <i>Penicillium</i> sp. <i>Basidiomycetes</i> sp. <i>Rhizopus</i> sp.	51.1% 44.4% 2.2% 1.3% 0.8%	3,940 cfu/m ³
050720-02A	Main level, west apartment, kitchen	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	80.0% 20.0%	118 cfu/m ³	<i>Cladosporium</i> sp. <i>Penicillium</i> sp. <i>Basidiomycetes</i> sp. <i>Aspergillus niger</i>	82.6% 10.4% 5.2% 1.7%	1,602 cfu/m ³
050720-03A	Third floor apartment, kitchen	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	55.5% 44.4%	565 cfu/m ³	<i>Penicillium</i> sp. <i>Cladosporium</i> sp. <i>Basidiomycetes</i> sp. <i>Epicoceum</i> sp. <i>Mucor</i> sp. <i>Paecilomyces variotii</i>	79.5% 15.9% 1.3% 1.3% 0.9% 0.9%	3,757 cfu/m ³
050720-04A	Second floor, north apartment, kitchen	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	88.8% 11.1%	106 cfu/m ³	<i>Cladosporium</i> sp. <i>Penicillium</i> sp. <i>Basidiomycetes</i> sp. <i>Fusarium</i> sp. <i>Syncephalastrum</i> sp.	57.1% 35.7% 5.0% 1.4% 0.7%	2,026 cfu/m ³

TABLE 3
SUMMARY OF ANDERSEN "N6" CULTURED AIR SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20, 2005

Sample ID	Sample Description	Bacteria Results			Fungal/Mold Results		
		Bacteria ID	Relative Percentage	Bacteria Concentration	Fungi ID	Relative Percentage	Fungal Concentration
050720-05A	Basement, northeast area	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	66.6% 33.3%	71 cfu/m ³	<i>Penicillium</i> sp. <i>Cladosporium</i> sp. <i>Basidiomycetes</i> sp. <i>Fusarium</i> sp.	80.0% 17.1% 2.2% 0.5%	9,800 cfu/m ³
050720-06A	Outside, front yard	<i>Bacillus</i> sp. <i>Micrococcus</i> sp.	75.0% 25.0%	71 cfu/m ³	<i>Cladosporium</i> sp. <i>Fusarium</i> sp. <i>Penicillium</i> sp. <i>Aspergillus niger</i> <i>Epicoccum nigrum</i>	87.5% 5.0% 3.1% 3.1% 1.2%	2,403 cfu/m ³
050720-07A	Field blank	<i>Bacillus</i> sp.	100%	1 count	<i>Cladosporium</i> sp. <i>Epicoccum</i> sp.	50% 50%	2 counts

TABLE 4
SUMMARY OF MICROBIAL SURFACE SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 22, 2005

Sample ID	Sample Description	Fungi/Mold Results		
		Fungi ID	Relative Percentage	Fungal Concentration
050722-01	BULK: Ceiling in kitchen of 3 rd floor apartment	<i>Penicillium</i> sp. <i>Chaetomium</i> sp.	50.0% 50.0%	1,000,000 cfu/gram
050722-02	BULK: Ceiling in closet of north (rear) bedroom on 2 nd floor	<i>Ulocladium</i> sp. <i>Penicillium</i> sp. <i>Basidiomycetes</i> sp.	67.5% 29.7% 2.7%	370,000 cfu/gram
050722-03	BULK: Wood lathe strip in southwest corner of southwest room on 2 nd floor	<i>Acremonium</i> sp. <i>Stachybotrys chartarum</i> <i>Chaetomium</i> sp. <i>Basidiomycetes</i> sp. <i>Penicillium</i> sp.	36.3% 27.2% 18.1% 9.0% 9.0%	55,000 cfu/gram
050722-04	BULK: Painted wall in kitchen of 1 st floor west apartment	<i>Cladosporium</i> sp. <i>Chaetomium</i> sp. <i>Basidiomycetes</i> sp. <i>Ulocladium</i> sp.	93.7% 3.1% 1.5% 1.5%	213,333 cfu/gram
050722-05	BULK: Wood joist in northeast area of basement	<i>Cladosporium</i> sp. <i>Penicillium</i> sp. <i>Acremonium</i> sp. <i>Aspergillus versicolor</i> <i>Chaetomium</i> sp. <i>Aspergillus ochraceus</i>	37.6% 37.3% 13.3% 10.3% 1.0% 0.3%	1,000,000 cfu/gram

TABLE 5
SUMMARY OF ASBESTOS BULK SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20, 2005

HA #	MATERIAL DESCRIPTION	ACM/ NON-ACM	ESTIMATED QUANTITY	FRIABLE/ NONFRIABLE	LOCATION
HA-1	Straight pipe insulation	ACM	100 lin. ft.	Friable	Basement
HA-2	Pipe fitting insulation	ACM	24 fittings	Friable	Basement
HA-3	Brick mortar	Non-ACM	NA	Nonfriable	Basement
HA-4	Firestop	Non-ACM	NA	Nonfriable	Basement
HA-5	Duct joint tape	ACM	10 lin. ft.	ACM	Basement
HA-6	Wall plaster	Non-ACM	NA	Nonfriable	Throughout building
HA-7	12" X 12" floor tile, cream/gray mottle	Non-ACM	NA	Nonfriable	1 st floor, kitchen
	Tan mastic	Non-ACM		Nonfriable	
HA-8	Wallboard System (wall): Sheetrock	Non-ACM	NA	Friable	Walls throughout building
	White Joint Compound	Non-ACM	NA		
HA-9	12" X 12" floor tile, gray/dark gray mottle	Non-ACM	NA	Nonfriable	1 st floor, pantry
	Tan mastic	Non-ACM		Nonfriable	
HA-10	Fireplace mortar	Non-ACM	NA	Nonfriable	Throughout building
HA-11	12" X 12" floor tile, pebble pattern	Non-ACM	NA	Nonfriable	1 st floor, bathroom
	Tan mastic	Non-ACM		Nonfriable	
HA-12	12" X 12" floor tile, rectangle pattern	Non-ACM	NA	Nonfriable	1 st floor, kitchen
	Tan mastic	Non-ACM		Nonfriable	
	Black fibrous tar	Non-ACM		Nonfriable	
HA-13	12" X 12" floor tile, green-gray/dark gray streaks	Non-ACM	NA	Nonfriable	1 st floor, NW bathroom
	Tan mastic	Non-ACM		Nonfriable	
HA-14	Electrical cable wrap	Non-ACM	NA	Nonfriable	Throughout building
HA-15	2' X 4' suspended ceiling tile (SCT), white, gouge/dot	Non-ACM	NA	Friable	1 st floor, NW room
HA-16	2' X 4' SCT, white, dimple	Non-ACM	NA	Friable	1 st floor, NW room
HA-17	1' X 1' acoustical ceiling tile (ACT), white, big/small dot	Non-ACM	NA	Friable	1 st floor, NW room

TABLE 5
SUMMARY OF ASBESTOS BULK SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 20, 2005

HA #	MATERIAL DESCRIPTION	ACM/ NON-ACM	ESTIMATED QUANTITY	FRIABLE/ NONFRIABLE	LOCATION
HA-18	12" X 12" floor tile, purple/brown pattern	Non-ACM	NA	Nonfriable	2 nd floor, N kitchen
	Tan/Black mastic	Non-ACM		Nonfriable	
HA-19	12" X 12" floor tile, tan/brown mottle	Non-ACM	NA	Nonfriable	2 nd floor, NE bathroom
	Tan mastic	Non-ACM		Nonfriable	
HA-20	Textured paint	Non-ACM	NA	Nonfriable	2 nd floor, N hallway
HA-21	2' X 4' SCT, white, dimple	Non-ACM	NA	Friable	2 nd floor, N living room
HA-22	Sheet flooring, floral square	Non-ACM	NA	Nonfriable	2 nd floor, SW closet
HA-23	Window putty, white	Non-ACM	NA	Nonfriable	Throughout building
HA-24	Window putty, yellow	Non-ACM	NA	Nonfriable	Throughout building
HA-25	Textured paint	Non-ACM	NA	Nonfriable	2 nd floor, SW living room ceiling
HA-26	Sheet flooring, floral swirl	Non-ACM	NA	Nonfriable	3 rd floor, SW bedroom
HA-27	Sheet flooring, green/multi	Non-ACM	NA	Nonfriable	3 rd floor, E- central closet
HA-28	Blown-in insulation	Non-ACM	NA	Friable	Ceiling plenums
HA-29	12" X 12" floor tile, black/white swirl	Non-ACM	NA	Nonfriable	3 rd floor, NW bathroom
HA-30	Sheet flooring, tan/white	ACM	200 sq. ft.	Nonfriable	3 rd floor, N kitchen
HA-31	1' X 1' ACT, white, smooth	Non-ACM	NA	Friable	3 rd floor, N kitchen
HA-32	12" X 12" cement board roof shingle	ACM	2,000 sq. ft.	Nonfriable	Central roof
HA-33	Asphaltic roof shingle	ACM	500 sq. ft.	Nonfriable	South roof
	Black tar	ACM	80 sq. ft.	Nonfriable	

* HA = Homogeneous Area

TABLE 6
SUMMARY OF DUST WIPE SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 22, 2005

Sample ID	Sample Location	Sample Description	Sample Dimensions	Lead Concentration	Cadmium Concentration
W-1	Main level east apartment, center (east) room – alcove	Floor at north, interior wall	1.00 ft ² (12"x12")	320 µg/ft ²	<10 µg/ft ²
W-2	Main level east apartment, center (east) room – alcove	Window sill (east wall)	0.33 ft ² (2"x24")	390 µg/ft ²	<30 µg/ft ²
W-3	Main level east apartment, pantry	Floor at north, interior wall	1.00 ft ² (12"x12")	4,700 µg/ft ²	10 µg/ft ²
W-4	Main level west apartment, front (southwest) room	Window sill (west wall)	0.07 ft ² (2.5"x4")	640 µg/ft ²	<140 µg/ft ²
W-5	Main level east apartment, north bedroom	Floor at east interior wall	1.00 ft ² (12"x12")	1,500 µg/ft ²	<10 µg/ft ²
W-6	Main level east apartment, north bedroom	Window sill (north wall)	0.67 ft ² (3"x32")	130 µg/ft ²	<10 µg/ft ²
W-7	Main level west apartment, center (west) room	Floor at west wall	1.00 ft ² (12"x12")	1,000 µg/ft ²	10 µg/ft ²
W-8	Main level west apartment, center (west) room	Window sill (west wall)	0.75 ft ² (3"x36")	3,100 µg/ft ²	30 µg/ft ²
W-9	Exterior, front porch	Floor, directly west of front door	1.00 ft ² (12"x12")	10 µg/ft ²	<10 µg/ft ²
W-10	Field blank	Field blank	NA	<10 µg	<10 µg
W-11	Second floor front (west) apartment, southwest room	Floor in southwest corner	1.00 ft ² (12"x12")	1,100 µg/ft ²	200 µg/ft ²
W-12	Second floor front (west) apartment, southwest room	Window seat - bay window (south wall)	1.00 ft ² (12"x12")	210 µg/ft ²	<10 µg/ft ²
W-13	Second floor rear (east) apartment, east room	Floor at north interior wall	1.00 ft ² (12"x12")	40 µg/ft ²	<10 µg/ft ²
W-14	Second floor rear (east) apartment, east room	Window sill (east wall)	0.55 ft ² (2.5"x32")	740 µg/ft ²	<20 µg/ft ²
W-15	Third floor apartment, front (south) room	Floor at window seat (south wall)	1.00 ft ² (12"x12")	660 µg/ft ²	<10 µg/ft ²
W-16	Third floor apartment, kitchen	Window sill (north wall)	0.85 ft ² (3.5"x35")	330 µg/ft ²	<10 µg/ft ²
W-17	East stairwell	Floor at second floor landing (northwest corner)	1.00 ft ² (12"x12")	110 µg/ft ²	<10 µg/ft ²
W-18	Field blank	Field blank	NA	<10 µg	<10 µg

TABLE 7
SUMMARY OF PAINT CHIP SAMPLING
VACANT BUILDING – 1017 NORTH SUPERIOR, TOLEDO, OHIO
JULY 22, 2005

Sample ID	Sample Location	Sample Description	Lead Concentration	Cadmium Concentration
P-1	Main level east apartment, front (southeast) room	Cream paint on walls and ceilings	0.11%	<0.0050%
P-2	Main level east apartment, center (east) room	Red paint on walls	0.063%	<0.0084%
P-3	Main level east apartment, east pantry/kitchen	Layers of cream and pale blue paint on walls	8.9%	<0.0069%
P-4	Main level east apartment, stairwell to basement	Salmon paint on walls	0.20%	0.072%
P-5	Main level east apartment, rear (north) bedroom	Layers of cream and salmon paint on walls	0.0084%	<0.0084%
P-6	Main level east apartment, rear (north) bathroom	Layers of cream and brown paint on door	0.62%	<0.0084%
P-7	Main level west apartment, closet in front (southwest) room	Blue paint on wall	9.8%	0.089%
P-8	Main level west apartment, center (west) room	Layers of cream and blue paint on west wall	0.031%	<0.0077%
P-9	Main level west apartment, kitchen	Layers of cream and green paint on walls	2.7%	<0.0078%
P-10	Exterior, front porch	Grey paint on exterior siding	6.4%	0.015%
P-11	East stairwell	Layers of cream and brown paint on walls	0.097%	<0.0075
P-12	Second floor front/west apartment, southwest room	Layers of cream and salmon paint on walls	0.18%	0.059
P-13	Second floor front/west apartment, kitchen	Layers of cream and yellow paint on walls	0.50%	0.0085%
P-14	Second floor, rear/east apartment, east room	Layers of cream and beige paint on walls	0.0088%	0.25%
P-15	Second floor, rear/east apartment, bathroom	Layers of cream and beige paint on windowsill	0.65%	<0.0086%
P-16	Third floor apartment, center room	Layers of beige, blue and brown paint at west window	2.0%	0.029%
P-17	Third floor apartment, front room	Layers of cream, green, and brown paint on ceiling	0.23%	0.032%
P-18	Third floor apartment, front room	Layers of cream and gold paint on walls	0.37%	0.18%