APPENDIX C

ASBESTOS IDENTIFICATION SURVEY

Conducted at Carter Color Coat
(formerly GMC Fisher Body Plant 21)

6051 Hastings
Detroit, Michigan

Asbestos Survey Summary

The Environmental Protection Agency's National Emission Standards for Hazardous Air Pollutants (NESHAP); Asbestos NESHAP Revision; 40 CFR Part 61, Section 61.145 (a) requires property owners or operations of a demolition or renovation activity to thoroughly inspect the affected facility or part of the facility where a demolition or renovation operation will occur, for the presence of asbestos. This inspection must be conducted prior to the commencement of the demolition and/or renovation activities in order to establish what specific obligations under the NESHAP standard are applicable. This inspection must be performed by an individual who possesses the appropriate training and/or a valid building inspector accreditation card as specified by ACT 440, P.A. of 1988, as amended.

On June 12, 1996, four representatives from the Pre-Remedial Program conducted a building inspection in accordance with the aforementioned section. The inspection was performed at the Carter Color Coat property located at 6051 Hastings, Detroit, Michigan.

As a result of this inspection, it was determined that the Carter Color Coat property contained more than 260 linear feet and/or 160 square feet of friable asbestos-containing materials (ACM) and that the requirements set forth in Section 61.145, paragraphs (b) and (c) of the National Standards for Hazardous Air Pollutants; Asbestos NESHAP Revision; Final Rule, are applicable and should be thoroughly reviewed prior to the commencement of any demolition or renovation activities at the property.

Also be advised that while every attempt was made to identify all ACM present at the property, ACM may still be present within wall spaces, pipe chases, plenums or other structures and not identified at the time of our inspection due to inaccessibility. Additional inspection in these areas to determine the presence and quantities of ACM may be required prior to any demolition or renovation activities undertaken at the property.

Air Sampling Report

U.S. Department of Labor
Occupational Safety and Health Administration

MOD	Date	1. Reporting ID	2. Inspection Number	3. Sampling Number ▶ 91322002 6

4. Establishment Name: Carter Color Coat

5. Person Performing Sampling (Signature): Cindy S Toulbrook

6. CSHO ID:

7. Sampling Date: 6/12/96

8. Shipping Date: 6/13/96

9. Employee (Name, Address, Telephone Number):
MDEQ-ERD-Superfund
PO Box 30426
Lansing, MI 48909

13. Exposure Information: a. Number: b. Duration:

c. Frequency:

14. Weather Conditions:

15. Photo(s): Y

10. Job Title: Asbestos Bulk Samples

11. Occupation Code:

12. PPE (Type and Effectiveness):

16. Pump Checks and Adjustments:

17. Job Description, Operation, Work Location(s), Ventilation, and Controls
Brownfield Redevelopment Assessment-Detroit Pilot Project
Building Audit, Sampling floor tiles, ceiling tiles,
pipe wrapping, old factory

Cont'd.

18. Pump Number:

Sampling Data

19. Sample Type/Media	B	B	B	B	B	B
20. Filter/Tube No.						
21. Sample Submission No.	HA006-01	HA007-01	HA008-01	HA009-01	HA010-01	HA013-01
22. Time On/Off						
23. Total Time (in minutes)						
24. Flow Rate ☐ l/min ☐ cc/min						
25. Volume (in liters)						
26. Net Sample Weight (in mg)						

Exposure Summary

27. Line No.	28. Substance Code	29. Rqstd.	30. Smpl. Type	31. Exp. Type	32. Exposure Level	33. Units	34. PEL	35. Adj.	36. Severity	37. Citation Information: No Cit.	FTA	Over Exp.	Eng.	PPE	Trng.	Med.	Other
1.	9020	L	B														
2.																	
3.																	
4.																	

38. Additives (Enter Line Numbers for those agents contributing to additive effect.)

39. Total Number of Lines (27):

40. Date Results Received from Laboratory:

Case File Page ____ of ____

OSHA-91(S) (Rev. 3/90)

Pre-Sampling Calibration Records

Pre					
41. Pump Mfg. & SN	44. Flow Rate Calculations				
42. Voltage Checked? ☐ Yes ☐ No					
43. Location/T & Alt.	45. Flow Rate	46. Method ☐ Bubble ☐ PR	47. Initials	48. Date/Time	

Post-Sampling Calibration Records

Post			
49. Location/T & Alt.	50. Flow Rate Calculations		
51. Flow Rate	52. Initials	53. Date/Time	

Sample Weight Calculations

54. Filter No.						
55. Final Weight *(mg)*						
56. Initial Weight *(mg)*						
57. Weight Gained *(mg)*						
58. Blank Adjustment						
59. Net Sample Weight *(mg)*						

Laboratory Results

	HA006-01	HA007-01	HA005-01	HA009-01	HA010-01	HA013-01
60. Lab Sample No. →	962897	962898	962899	962900	962901	962902
61. Substance a. 9020 Asbestos	Results 30% Chrysotile	green tile 1% chrysotile glue 1% chrysotile	25% Amosite 10% Chrysotile	Tile ND<1%	Tile 2% Chrysotile	10% Chrysotile
b.		red tile 2% Chrysotile	35% Asbestos	glue ND<1%	glue ND<1%	
c.		glue ND<1%				
d.						

62. Interferences and IH Comments to Lab

65. Analyst's Comments

63. Chain of Custody			64. Supporting Samples
a. Seals Intact	(Y) N	ASH	a. Blanks:
b. Received in Lab	6-14-96	MMR	
c. Received by Analyst			b. Bulks:
d. Analysis Complete	6-20-96	GGI	
e. Calculation Checked	6-20-96	MMR	c. Other:
f. Supervisor Ok.	21 June 96	[illegible]	

66. Calculations and Field Notes

Air Sampling Report

U.S. Department of Labor
Occupational Safety and Health Administration

MOD	Date	1. Reporting ID	2. Inspection Number	3. Sampling Number ▶ 91322002 6

4. Establishment Name: Carter Color Coat

5. Person Performing Sampling (Signature): Cindy S Poulsonder

6. CSHO ID:

7. Sampling Date: 6/12/96

8. Shipping Date: 6/13/96

9. Employee (Name, Address, Telephone Number):
MDEQ-ERD-Superfund
PO Box 30426
Lansing, MI 48909

13. Exposure Information: a. Number: b. Duration: c. Frequency:

14. Weather Conditions:

15. Photo(s): Y

10. Job Title: Asbestos Bulk Samples

11. Occupation Code:

12. PPE (Type and Effectiveness):

16. Pump Checks and Adjustments:

17. Job Description, Operation, Work Location(s), Ventilation, and Controls

Brownfield Redevelopment Assessment - Detroit Pilot Project
Building Audit, Sampling floor tiles, ceiling tiles,
pipe wrapping, old factory

Cont'd.

18. Pump Number:

Sampling Data

19. Sample Type/Media	B	B	B	B	B	B
20. Filter/Tube No.						
21. Sample Submission No.	HA014-01	HA015-01	HA016-01	HA017-01	HA018-01	HA019-01
22. Time On/Off						
23. Total Time (in minutes)						
24. Flow Rate ☐ l/min ☐ cc/min						
25. Volume (in liters)						
26. Net Sample Weight (in mg)						

Exposure Summary

27. Line No.	28. Substance Code	29. Rqstd.	30. Smpl. Type	31. Exp. Type	32. Exposure Level	33. Units	34. PEL	35. Adj.	36. Severity	37. Citation Information: No Cit.	FTA	Over Exp.	Eng.	PPE	Trng.	Med.	Other
1.	9020	L	B														
2.																	
3.																	
4.																	

38. Additives (Enter Line Numbers for those agents contributing to additive effect.)

39. Total Number of Lines (27):

40. Date Results Received from Laboratory:

Case File Page of

OSHA-91(S) (Rev. 3/90)

Pre-Sampling Calibration Records

Pre					
41. Pump Mfg. & SN	44. Flow Rate Calculations				
42. Voltage Checked? ☐ Yes ☐ No					
43. Location/T & Alt.					
	45. Flow Rate	46. Method ☐ Bubble ☐ PR	47. Initials	48. Date/Time	

Post-Sampling Calibration Records

Post			
49. Location/T & Alt.	50. Flow Rate Calculations		
51. Flow Rate	52. Initials	53. Date/Time	

Sample Weight Calculations

54. Filter No.						
55. Final Weight *(mg)*						
56. Initial Weight *(mg)*						
57. Weight Gained *(mg)*						
58. Blank Adjustment						
59. Net Sample Weight *(mg)*						

Laboratory Results	HA014-01	HA015-01	HA016-01	HA017-01	HA018-01	HA019-01
60. Lab Sample No. →	962903	962904	962905	962906	962907	962908
61. Substance a. 9020 Asbestos	Results Tile 1% Chrysotile	35% tremolite 20% chrysotile	Tile 1% chrysotile	50% chrysotile	95% chrysotile	45% chrysotile
b.	glue ND<1%	55% Asbestos	glue ND<1%			
c.						
d.						

62. Interferences and IH Comments to Lab

63. Chain of Custody

a. Seals Intact	(Y) N	
b. Received in Lab	6-14-96	954 mmR
c. Received by Analyst		
d. Analysis Complete		
e. Calculation Checked	6-20-96 6-20-96	954 RR KMM
f. Supervisor Ok.	21 June 96	[illegible]

64. Supporting Samples

a. Blanks:

b. Bulks:

c. Other:

65. Analyst's Comments

66. Calculations and Field Notes

Air Sampling Report

U.S. Department of Labor
Occupational Safety and Health Administration

MOD	Date	1. Reporting ID	2. Inspection Number	3. Sampling Number ▶ 91322002 6

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7. Sampling Date: 6/12/96

8. Shipping Date: 6/13/96

9. Employee (Name, Address, Telephone Number):
MDEQ-ERD-Superfund
PO Box 30426
Lansing, MI 48909

13. Exposure Information: a. Number: b. Duration: c. Frequency:

14. Weather Conditions:

15. Photo(s): Y

10. Job Title: Asbestos Bulk Samples

11. Occupation Code:

12. PPE (Type and Effectiveness):

16. Pump Checks and Adjustments:

17. Job Description, Operation, Work Location(s), Ventilation, and Controls

Brownfield Redevelopment Assessment, Detroit Pilot Project Building Audit, Sampling floor tiles, ceiling tiles, pipe wrapping, old factory

Cont'd.

18. Pump Number:

Sampling Data

19. Sample Type/Media	B	B	B	B	B	B
20. Filter/Tube No.						
21. Sample Submission No.	HA020-01					
22. Time On/Off						
23. Total Time (in minutes)						
24. Flow Rate ☐ l/min ☐ cc/min						
25. Volume (in liters)						
26. Net Sample Weight (in mg)						

RECEIVED
MI DEPT OF PUBLIC HEALTH
JUN 24 1996
BUREAU OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH
ASBESTOS PROGRAM

Exposure Summary

27. Line No.	28. Substance Code	29. Rqstd.	30. Smpl. Type	31. Exp. Type	32. Exposure Level	33. Units	34. PEL	35. Adj.	36. Severity	37. Citation Information: No Cit.	FTA	Over Exp.	Eng.	PPE	Trng.	Med.	Other
1.	9020	L	B														
2.																	
3.																	
4.																	

38. Additives (Enter Line Numbers for those agents contributing to additive effect.)

39. Total Number of Lines (27):

40. Date Results Received from Laboratory:

Case File Page of

OSHA-91(S) (Rev. 3/90)

Pre-Sampling Calibration Records

Pre					
41. Pump Mfg. & SN	44. Flow Rate Calculations				
42. Voltage Checked? ☐ Yes ☐ No					
43. Location/T & Alt.	45. Flow Rate	46. Method ☐ Bubble ☐ PR	47. Initials	48. Date/Time	

Post-Sampling Calibration Records

Post			
49. Location/T & Alt.	50. Flow Rate Calculations		
51. Flow Rate	52. Initials	53. Date/Time	

Sample Weight Calculations

54. Filter No.						
55. Final Weight *(mg)*						
56. Initial Weight *(mg)*						
57. Weight Gained *(mg)*						
58. Blank Adjustment						
59. Net Sample Weight *(mg)*						

Laboratory Results

60. Lab Sample No. →	HA020-01					
	962909					
61. Substance	Results					
a. 9020 Asbestos	1.5% Chrysotile					
b.						
c.						
d.						

62. Interferences and IH Comments to Lab

65. Analyst's Comments

63. Chain of Custody

a. Seals Intact	(Y) N	954
b. Received in Lab	6-14-96	MMR
c. Received by Analyst		
d. Analysis Complete	6-20-96	541 RTZ
e. Calculation Checked	6-20-96	MM
f. Supervisor Ok.	21 JUNC 96	HK

64. Supporting Samples

a. Blanks:

b. Bulks:

c. Other:

66. Calculations and Field Notes

COMMONLY USED SURVEY CODES

TEXTURE CODES

F ..... Friable
NF ..... Non-Friable
FIB ..... Fibrous
PWD .... Powdery
CMT .... Cementitious

MATERIAL CLASS CODES

TSI ..... Thermal System Insulation
SM ..... Surfacing Material
MM ..... Miscellaneous Material

MATERIAL CODES

AC ..... Aircell
TR ..... Transite
MG ..... Magnesium Block
MJ ..... Mudded Joint
WF ..... Wool Felt
AP ..... Acoustical Plaster
GKT .... Gasket
BBR ..... Boiler Breeching
DWI ..... Duct Work Insulation
DWS .... Duct Work Seam Tape
SFP ..... Sprayed-on Fireproofing
VFT ..... Vinyl Floor Tile **
VFTM ... Vinyl Floor Tile Mastic

COLOR CODES

WH ..... White
BL ..... Black
BR ..... Brown
TN ..... Tan
YW ..... Yellow
CR ..... Cream
BU ..... Blue
GN ..... Green
GY ..... Gray
RD ..... Red

PIPING SYSTEM CODES

CDW ..... Cold Domestic Water Line
HDW ..... Hot Domestic Water Line
HPS ..... High Pressure Steam Line
LPS ..... Low Pressure Steam Line
USL ..... Undetermined Steam Line

CEILING TILE PATTERN/TYPE CODES

LIT ..... Lay-in-Tile **
GOT ..... Glued-on-Tile **
GXY ..... Galaxy Print
DGP ..... Deep Groove w/Pinholes
SGP ..... Shallow Groove w/Pinholes
DGWP ..... Deep Groove w/out Pinholes
SGWP ..... Shallow Groove w/out Pinholes

MISCELLANEOUS CODES

LF ..... Linear Feet
CF ..... Cubic Feet
HA ..... Homogeneous Area
ACM ..... Asbestos Containing Material
PACM ..... Presumed Asbestos Containing Material

** Include dimensions of tile (i.e., 2'x2', 2'x4', 9"x9", etc.)

Homogeneous Area Locator

HA#

HA-001

Homogeneous Area Location

Drop ceiling tiles, 2'*4' sheets, 1/2" thick
white, rough surface with pin holes and chicken
scratch pattern, 169 square feet
1st floor bathroom, NE corner of building

HA#

HA-002

Homogeneous Area Location

Floor tile, 12"*12" square, yellowish-green with white to
cream colored vertical / linear pattern, 169 square feet
1st floor bathroom, NE corner of building

Homogeneous Area Locator

HA#

HA-003

Homogeneous Area Location

Pipe wrap around 2" diameter metal pipe, assumed hot water transport

wrapped circell, gray, layered

1st floor bathroom, NE corner of building

HA#

HA-004

Homogeneous Area Location

Pipe joints on 2" pipe, T's, valve joints and corners

1st floor bathroom, NE corner of building

Homogeneous Area Locator

HA#

HA-005

Homogeneous Area Location

pipe wrap around 1" pipe diameter, metal wrapped aircell, gray, layered

hallway south and adjacent to NE corner of building 1st floor

HA#

HA-006

Homogeneous Area Location

Pipe joints, 1" pipe, 2 T's

hallway south and adjacent to NE corner of building 1st floor

Homogeneous Area Locator

HA#

HA-007

Homogeneous Area Location

Floor tile, 9"*9" square, alternating red and green squares; each square has parallel white blob pattern

hallway, portion of office floor on 1st floor of building, east 1/3 of building.

HA#

HA-008

Homogeneous Area Location

Pipe wrap, 1" diameter metal pipe
smooth white outer layer, friable, white powdery to fiberous material around pipe

1st floor of building, office area

Homogeneous Area Locator

HA#

HA-009

Homogeneous Area Location

Floor tile, 9"x9" square, orange colored, solid, no pattern
1st floor office area

HA#

HA-010

Homogeneous Area Location

Floortile, white/beige, solid, no pattern
8"x8" square
1st floor office area

Homogeneous Area Locator

HA#

HA-011

Homogeneous Area Location

Drop ceiling tile, white, bubbly-textured, 2'x4' rectangle
office ceiling area on 1st floor of building

HA#

HA-012

Homogeneous Area Location

Pipe wrap around 3" diameter pipe
wrapped circell, gray, layered
Piping found in industrial portion of building, 1st floor

Homogeneous Area Locator

HA#

HA-013

Homogeneous Area Location

Pipe wrap, around 6" diameter pipe
wrapped air cell, gray, layered
found in miscellanous room on first floor.

HA#

HA-014

Homogeneous Area Location

Floor tile, black, 9"x9" square, solid color, no pattern,
~ 1/4" thick,
2nd floor office area
150'x60' = 9000 feet squared

Homogeneous Area Locator

HA#

HA-015

Homogeneous Area Location

Pipe wrap, 3" diameter pipe
white, friable, fibrous with outer layer covered with red visqueen
2nd floor, 416+ linear feet

HA#

HA016

Homogeneous Area Location

Floor tile, black, 9"x9" square, solid color, no pattern, ~1/4" thick
2nd floor, room at southwest end of building, 650 feet square
(may be duplicate of HA014)

Homogeneous Area Locator

HA#

HA-017

Homogeneous Area Location

Pipe wrap, 2" diameter, SE corner of fourth floor office area
circell, grey, layered, 50 linear feet

HA#

HA-018

Homogeneous Area Location

Woven material lining electrical lamp, 1'x4' dimensions, 3 lamps in area, 12 feet square total, fourth floor in north central face of building

Homogeneous Area Locator

HA#

HA-019

Homogeneous Area Location

Pipe wrap, 10" diameter pipe, fourth floor, along north central wall face
white, friable, fibrous material
pipe length 12 feet

HA#

HA-020

Homogeneous Area Location

Broken pieces of gray electrical insulation, fibers observed, numerous pieces and chunks littered about the floor, north central area of building, fourth floor

Homogeneous Area Locator

HA#

HA-021

Homogeneous Area Location

Pipe wrap, 2" diameter
circell, gray, layered,
128 linear feet
2nd floor industrial portion of building

HA#

HA-022

Homogeneous Area Location

Drop ceiling, tile 2'x4' rectangular
½" thick, pin holes and chicken scratch pattern
2nd floor office area
Same material as found in first floor office area

Homogeneous Area Locator

HA#

HA023

Homogeneous Area Location

Floor tile, 9"x9" square, alternating red and green squares; each square has parallel white blob pattern

2nd floor office area

Same material as found on first floor

HA#

HA-024

Homogeneous Area Location

Pipe wrap, 1" diameter

aircell, gray, layered

580 linear feet, 3rd floor industial portion of building

Same material as found on first floor

Homogeneous Area Locator

HA#

HA-025

Homogeneous Area Location

Pipe wrap, 6" diameter
white, friable, fibrous material
260 linear feet
3rd floor Industrial portion of building

HA#

HA-026

Homogeneous Area Location

Pipe wrap, 1" diameter
white, friable, fibrous material
260+ linear feet
3rd floor industrial portion of building

Homogeneous Area Locator

HA#

HA-027

Homogeneous Area Location

Floor tile, 9"x9" square, alternating red and green squares; each square has parallel white blob pattern

3rd floor office area, 600 square feet

Same material as found on first floor office area

HA#

HA-028

Homogeneous Area Location

Drop ceiling tile, 2'x4' sheets, 1/2" thick

white, rough surface with pin holes and chicken scratch pattern

fourth floor office area.

Same as found in first floor office area

Homogeneous Area Locator

HA#

HA-029

Homogeneous Area Location

Floor tile, 9"x9" square, alternating red and green squares; each square has parallel white blob pattern

fifth floor, 1280 Square feet
Same as found on first floor

HA#

HA-030

Homogeneous Area Location

Pipe wrap, 6" diameter
aircell, gray, layered
fifth floor 511 linear feet

Homogeneous Area Locator

HA#

HA-031

Homogeneous Area Location

Pipe wrap, 3" diameter
aircell, gray, layered
fifth floor 511 linear feet

HA#

HA-032

Homogeneous Area Location

Pipe wrap, 6" diameter
aircell, gray, layered
sixth floor 200+ linear feet

* Due to time limitations, no survey of the 6th floor was completed.

** Due to large size of building, a complete, floor by floor asbestos investigation could not be conducted. Visual observation suggests enough ACM found on first floor alone would meet the 160 LF or 250 SF criteria.

HA# HA 001 Sample# HA001-01

Exact Sample Location

NE corner of building, bathroom on first floor
Ceiling tile in center of ceiling
total room area 13'*13' = 169 square feet

Photo #(Not Available)

HA# HA 002 Sample# HA002-01

Exact Sample Location

NE corner of building, bathroom on first floor
Floor tile in NE corner of room
Total room area 13'*13' = 169 square feet
Photo # (Not Available)

HA# HA003 Sample# HA003-01

Exact Sample Location

NE corner of building, bathroom on first floor
Hot water pipe (assumed) in corner of stool area
Pipe wrapping, aircell, gray, layered, 400 linear feet

Photo #. (No photo available)

HA# HA003 Sample# HA003-02

Exact Sample Location

Pipe wrap, from second floor bathroom near center elevator shaft and stairwell; from pipe along wall in first stall area; pipe length 8 feet linear
Pipe diameter 2"; material white, friable, fibrous
Photo # 4

Sample Locatio

HA# HA004 Sample# HA004-01

Exact Sample Location

NE corner of building, bathroom on first floor
Pipe joint wrapping, 1" pipe (assume hot water), sw corner stool area; pipe wrapping, white, airable, fibrous

Photo #5

HA# HA005 Sample# HA005-01

Exact Sample Location

Pipe wrap around 1" pipe diameter, 48 feet length
aircell, gray, layered
hallway south of bathroom, first floor, 183 linear feet

Photo #6 (combined with HA006)

HA# HA006 Sample# HA006-01

Exact Sample Location

Pipe wrap, around 1" pipe, joint
hallway south of bathroom, first floor
aircell, gray, layered

Photo #6 (combined with HA005

HA# HA007 Sample# HA007-01

Exact Sample Location

Floor tile, 9"x9" square, alternating red and green squares; each square has parallel white blob pattern
hallway, office floor near bathroom
total area = 2485 square feet
Photo #7

Sample Location

HA# HA008 Sample# HA008-01

Exact Sample Location

Pipe wrap, around 1" diameter pipe
smooth white outer layer, friable, white powdery to fibrous, 10 feet total pipe length,

Photo # 8

HA# HA009 Sample# HA009-01

Exact Sample Location

Floor tile, orange 9"*9" squares, solid color, no pattern
first floor office area
total square feet = 150 square feet

Photo # 9

HA# HA010 Sample# HA010-01

Exact Sample Location

Floor tile, 8"*8" square solid color, no pattern
first floor office area
total square feet = 2130

Photo # 10

HA# HA013 Sample# HA013-01

Exact Sample Location

Pipe wrap, 6" diameter pipe, (assume hot water)
miscellanous room, first floor, south face of building
total pipe length - 137 feet, gray, circell, layered

Photo # 11

HA# HA014 Sample# HA014-01

Exact Sample Location

Floor tile, black, thick (~1/4") solid color, no pattern
Second floor office area, 9"x9" squares
total square feet = 150'x60' = 9000

Photo # 12

HA# HA015 Sample# HA015-01

Exact Sample Location

Pipe wrap, around 3" pipe, outer surface of wrapping enclosed in visqueen sheeting; found on majority of pipes on second floor in the industrial portion
white, friable, fibrous material, pipe 166 linear feet
Photo #13

HA# HA016 Sample# HA016-01

Exact Sample Location

Floor tile, black thick (1/4") solid color, no pattern
Second floor, southwest end of building, 650 square feet
650 feet square area (may be duplicate material of HA013-01)
Photo # 14

HA# HA017 Sample# HA017-01

Exact Sample Location

Pipe wrap, 2" diameter pipe, SE corner of fourth floor office area
circell, gray, layered, ~50 linear feet

Photo # (No Photo Available)

Sample Locator

HA# HA018 Sample# HA018-01

Exact Sample Location

Woven material lining electrical lamp, 1'x4' dimensions
3 lamps total, 12 square feet, fourth floor in the north central face of building
Photo # 16

HA# HA019- Sample# HA019-01

Exact Sample Location

Pipe wrap, 10" diameter pipe, fourth floor, along north central wall face; white, friable, fibrous material pipe length 12 feet linear
Photo # 17

HA# HA020 Sample# HA020-01

Exact Sample Location

Broken pieces of gray electrical insulation, fibers observable, numerous pieces of molded object littered the floor, along fourth floor, north central area of building
Photo # 18

HA# Sample#

Exact Sample Location

Homogeneous Area Report

Building Name: Carter Color Coat - 1st floor

Homogeneous Area (HA) Name	HA #	F/NF	K/A	Classification SM/TSI/MM	Size SF/LF
Drop ceiling tile, 2'x4' ½" thick, pin holes and chicken scratch pattern	001	F	K	MM	169 SF
Floor tile, 12"x12" square yellow green, white colored parallel blob pattern	002	NF	K	MM	169 SF
Pipe wrap, 2" diameter pipe aircell, gray, layered	003	F	K	TSI	400LF
Pipe joints, 2" pipe white, friable, fibrous	004	F	K	TSI	6 Ts 2 valve joints 2 corners
Pipe wrap, 1" diameter wrapped aircell, gray, layered	005	F	K	TSI	183 LF
Pipe joint, 1" aircell, gray, layered	006	F	K	TSI	1 T 2 valve joints
Floor tile, red & green 9"x9", white parallel blobs	007	NF	K	MM	2485 SF
Pipe wrap, 1" pipe white, fibrous, areable	008	F	K	TSI	36 LF
Floor tile, orange, 9"x9" solid color, no pattern	009	NF	K	MM	150SF
Floor tile, white/beige 8"x8" square, no pattern	010	NF	K	MM	2130SF
Ceiling tile, 2'x4' rectangle white, bubbly texture	011	NF	A	MM	100SF
Pipe wrap, 3" diameter pipe aircell, gray, layered	012	F	A	TSI	93 LF
Pipe wrap, 6" diameter pipe aircell, gray, layered	013	F	A	TSI	137LF

Homogeneous Area Report

Building Name: Carter Color Coat - 2nd floor

Homogeneous Area (HA) Name	HA #	F/NF	K/A	Classification SM/TSI/MM	Size SF/LF
Floor tile, black, no pattern 9"x9", office area	014	NF	K	mm	900SF
Pipe wrap, 3" diameter wrapped in white, friable, red, vsq green	015	F	K	TSI	416 LF
Floor tile, black, no pattern, 650 ft square	016	NF	K	mm	650SF
Pipe wrap, 2" diameter Circell, gray, wrapped	021	F	A	TSI	128 LF
Drop ceiling tile, 2'x4' ½" thick, pin holes and chrulcen scratch pattern	022	NF	A	mm	169+SF
Floor tile, red & green 9"x9", white parallel blocks	023	NF	A	mm	1210SF

Homogeneous Area Report

Building Name: Carter Color Coat - 3rd floor

Homogeneous Area (HA) Name	HA #	F/NF	K/A	Classification SM/TSI/MM	Size SF/LF
Pipe wrap, 1" diameter circell, gray, layered	024	F	A	TSI	580LF
Pipe wrap, 6" diameter white, friable, fibrous	025	F	A	TSI	260+LF
Pipe wrap, 1" diameter white, friable, fibrous	026	F	A	TSI	260+LF
Floor tile, red & green, 9"x9" white parallel blobs	027	NF	A	MM	600SF

Homogeneous Area Report

Building Name: Carter Color Coat, 4th, 5th, 6th floors

Homogeneous Area (HA) Name	HA #	F/NF	K/A	Classification SM/TSI/MM	Size SF/LF
Pipe wrap, 2" diameter, circell, gray, layered	017	F	K	TSI	50 LF
woven material lining electrical lamp, 1'*4' rectangle	018	NF	K	TSI	12 SF
Pipe wrap, 10" diameter, white, friable, fibrous	019	F	K	TSI	12 LF
Drop Ceiling tile, 2'*4', ½" thick, pin holes and chicken scratch pattern	028	NF	A	MM	169+SF
Floor tile, red & black, solid 9"*9", 5th floor	029	NF	A	MM	1280 SF
Pipe wrap, 6" diameter circell, gray, layered, 5th	030	F	A	TSI	170 LF
Pipe wrap, 3" diameter circell, gray, layered, 5th	031	F	A	TSI	511 LF
Pipe wrap, 6" diameter circell, gray, layered, 6th	032	F	A	TSI	200+LF
Broken pieces of gray electrical insulation, fibers observed 4th floor	020	F	K	TSI	1 SF

ASBESTOS FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 1 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA-003-02

DESCRIPTION:
HA003-02 COLLECTED FROM ASSUMED HOT WATER PIPE IN CORNER OF SECOND FLOOR BATHROOM, SOUTH FACE OF THE BUILDING. PIPE WRAPPING WHITE, FRIABLE, FIBROUS.

ASBESTOS FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 2 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA004-01

DESCRIPTION:
HA004-01 COLLECTED FROM A PIPE JOINT FROM A BATHROOM ON THE FIRST FLOOR, SOUTHEAST CORNER OF THE BUILDING. PIPE WRAPPING WHITE, FRIABLE, FIBROUS

ASBESTOS FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 3 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA005-01
HA006-01

DESCRIPTION:
HA005-01 PIPE WRAP AROUND 1" DIAMETER PIPE NEAR CEILING IN HALLWAY ADJACENT TO FIRST FLOOR BATHROOM; PIPE WRAP, AIRCELL, GRAY, LAYERED.
HA006-01 JOINT WRAP AROUND 1" DIAMETER PIPE NEAR CEILING IN HALLWAY ADJACENT TO FIRST FLOOR BATHROOM; PIPE WRAP AIRCELL, GRAY, LAYERED.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 4 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA007-01

DESCRIPTION:
HA007-01 FLOOR TILE, ALTERNATING RED AND GREEN SQUARES, FROM THE FIRST FLOOR OFFICE.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 5 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA008-01

DESCRIPTION:
HA008-01 PIPE WRAP AROUND ONE INCH DIAMETER PIPE, SMOOTH WHITE OUTER LAYER WITH WHITE, FRIABLE, FIBROUS INNER LAYER FROM PIPE ON FIRST FLOOR OFFICE AREA.

FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: CARTER COLOR COAT PAGE: 6 OF: 14

U.S. EPA ID #: MID980568646

DATE: JUNE 12, 1996

PHOTOGRAPH BY:
FAIRBANKS

SAMPLE ID:
HA009-01

DESCRIPTION:
HA009-01 FLOOR TILE, ORANGE SQUARES, FROM THE FIRST FLOOR OFFICE.