

# Limited Pre-Renovation Asbestos Inspection Report

## Project Location:

**1447 St. Paul Street – Bldg. #5  
Rochester, NY 14621**

Project ID: 18-1008JD-A

*Conditions as of: October 9<sup>th</sup>, 2018*

## Prepared for:

Bally Bao  
WBS Capital  
136-20 38<sup>th</sup> Avenue, Suite 9J  
Flushing, NY 11354

## Prepared by:



### **AMD Environmental Consultants, Inc.**

712 Main St. Suite L1  
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October 22, 2018

Bally Bao  
WBS Capital  
136-20 38<sup>th</sup> Avenue, Suite 9J  
Flushing, NY 11354

**Re: Limited Pre-Renovation Asbestos Inspection Report  
1447 St. Paul Street – Bldg. # 5  
Rochester, NY 14621  
AMD Project ID: 18-1008JD-A**

Mr. Bao:

I am pleased to present this summary of asbestos survey services at the above referenced address.

**AMD Environmental Consultants conducted a limited pre-renovation asbestos inspection in areas of planned renovations throughout the building at the above referenced address on October 8<sup>th</sup> and 9<sup>th</sup>, 2018. Asbestos containing materials (ACM) were identified above 1% in materials that were sampled. For more detail refer to the summary on page 4.**

New York State asbestos regulations (12 NYCRR 56-5) require that asbestos surveys are conducted in order to determine whether or not the building or structure, or portion(s) thereof to be demolished, renovated, remodeled, contains asbestos containing building materials (ACBM), or presumed asbestos containing materials (PACM). These regulations also require that a copy of the pre-renovation survey be forwarded to the local New York State Department of Labor (NYSDOL) Asbestos Control Bureau immediately upon completion of the survey (Buffalo Office: 65 Court Street, Rm. 405, Buffalo, NY 14202). **If requested to AMD in writing, a copy of the survey will be submitted on your behalf to the NYSDOL, otherwise a copy must be submitted by the owner.**

AMD Environmental Consultants, Inc. surveys are intended to determine, to a reasonable extent, the presence, location, quantity, and condition of accessible asbestos containing materials (surfacing, thermal systems insulation, and miscellaneous materials). The information contained herein is representative of conditions found onsite during the date/time this survey was conducted. Environmental conditions, renovation, vandalism, etc. may alter conditions from the date/time that this survey was conducted, potentially creating new hazards.

Please do not hesitate to contact me if I may provide any additional information.

Sincerely,

Anthony DeMiglio  
President



## **Table of Contents**

### **1.0 Asbestos Inspection**

- 1.1 Introduction
- 1.2 Executive Summary
- 1.3 Purpose
- 1.4 Methodology

### **2.0 Laboratory Analytical Results**

- 2.1 Key Terms and Definitions

### **3.0 Sample Chain(s) of Custody**

## **APPENDIX**

- Appendix A: Firm Certification and Personnel License(s)
- Appendix B: Laboratory Certification
- Appendix C: Paradigm Environmental 2014 Asbestos Inspection Report



## **1.0 Asbestos Inspection**

### **1.1 Introduction**

AMD Environmental Consultants, Inc (AMD) was retained by WBS Capital to inspect the building located at 1447 St. Paul Street in Rochester, NY for the presence of materials suspected of containing asbestos in areas of planned renovations.

AMD was assigned to:

- Locate suspect asbestos containing materials (ACM),
- Sample these materials to determine asbestos content, and
- Identify the locations and estimated quantities of the confirmed asbestos containing materials.

The information following this introduction details the amount of asbestos present in this facility and the location of the ACM (asbestos containing building materials). Although the report is a comprehensive analysis of the asbestos inspection work performed, it would be helpful to review all applicable federal, state and local rules, laws and regulations regarding the handling and treatment of ACM.

The following is a list of suggested reading and information sources relating to asbestos:

- New York State Department of Labor Industrial Code Rule 56
- National Emission Standard for Hazardous Air Pollutants (NESHAPS)
- Occupational Safety and Health Administration
- (OSHA 1926.1101, 1910.134, 1910.1020, 1910.1200, 1910.145, 1910.95, 1926.58)
- Environmental Protection Agency rule CFR763.46 Asbestos Hazard Emergency Response Act



## 1.2 Executive Summary

The scope of services included the identification of suspect asbestos containing building materials in areas of planned renovations; sampling and analysis of the suspect materials; and identifying the locations, estimated quantities, and condition of the confirmed asbestos containing materials.

Sampling and analysis of the suspect materials under Polarized Light Microscopy (PLM) ,and where necessary, under Transmission Electron Microscopy (TEM), revealed the following materials as asbestos containing building materials (ACBM):

### ASBESTOS CONTAINING MATERIALS SUMMARY

HAN	Material Description	SID (Space Identification Number)	Estimated Quantity SF*	Friability/ Condition
101A	Joint Compound	3 <sup>rd</sup> Floor Above Houserman Panel	See Note 1	F/I
701	Roof – Flashing	Roof	700 sq. ft.	NF/I

\*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

#### **NOTES:**

**NOTE 1= Material was determined to be positive for asbestos during a previous inspection, please see Paradigm Environmental's 2014 Asbestos Inspection report in the appendix for further details.**

#### **KEY TERMS AND DEFINITIONS:**

HAN= Homogenous Area Number; number assigned to categorize materials of like composition, texture and appearance

SID=Space Identification Number: Sample Locations

Friability/Condition:

F= Friable: a material that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure, or is capable of being released into the air by hand pressure.

NF= Non Friable: a material that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure, or is incapable of being released into the air by hand pressure.

I= Intact: Asbestos material that has not crumbled, been pulverized, or otherwise been damaged or disturbed, and the material's matrix has not noticeably deteriorated.

D= Damaged: Asbestos material that has deteriorated or sustained physical injury demonstrated by separation of the ACM into layers, separation of the ACM from the substrate, flaking, blistering, crumbling, water damage, scrapes, gouges, or other signs of physical injury.

SD=Significantly Damaged: Damaged asbestos where the damage is extensive and severe.

ACM=Asbestos Containing Material: material analyzed and confirmed by laboratory to contain above 1% of asbestos

PACM= Presumed Asbestos Containing Material: this material was assumed to contain asbestos to either save the client on lab fees or because the material was adhered to another asbestos containing material (or adjacent to other materials needing abatement) and must be managed as such.



### 1.3 Purpose

The purpose of the asbestos inspection was to identify and quantify the types of asbestos containing building materials (ACBM) in the areas of planned renovations only. Samples of the suspect materials were collected for analysis by an independent laboratory, and the condition of each material noted in relation to its potential to be disturbed. The potential for fiber release was also considered.

The report is generated for the exclusive use of WBS Capital and its representatives or agents, and is not designed to serve as a specification for abatement. Before requesting bids for abatement of materials identified in this report, the owner is strongly encouraged to contract with a consultant to provide this valuable service. A specification assures that all contractors are bidding on the same methodology and following the specific requirements for the work to be performed.

The inspection was conducted by NYS DOL Certified Asbestos Inspectors David Batt and John Doucette on October 8<sup>th</sup> and 9<sup>th</sup>, 2018 and revealed the following suspect asbestos containing building materials:

### HOMOGENOUS MATERIALS & SAMPLE RESULTS

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/ Condition
101	Drywall	5 <sup>th</sup> Floor	101-1, 101-2	No	See Note 1	F/I
101A	Joint Compound	6 <sup>th</sup> Floor – Above Houseraman Panels	101A-1, 101A-2	No	See Note 1	F/I
101A	Joint Compound	7 <sup>th</sup> Floor – Above Houseraman Panels	101A-3, 101A-4	No	See Note 1	F/I
101A	Joint Compound	5 <sup>th</sup> Floor Smoke Wall Above Ceiling	101A-5	No	See Note 1	F/I
101A	Joint Compound	5 <sup>th</sup> Floor – Column Box Out	101A-6	No	See Note 1	F/I
101A	Joint Compound	5 <sup>th</sup> Floor – Above Houseraman Panels	101A-7	No	See Note 1	F/I
101A	Joint Compound	4 <sup>th</sup> Floor – Wall @ Column P20	101A-8	No	See Note 1	F/I
101A	Joint Compound	4 <sup>th</sup> Floor Corridor	101A-9	No	See Note 1	F/I
<b>101A</b>	<b>Joint Compound</b>	<b>3<sup>rd</sup> Floor Above Houseraman Panel</b>	<b>101A-10</b>	<b>Yes</b>	<b>See Note 1</b>	<b>F/I</b>



## HOMOGENOUS MATERIALS & SAMPLE RESULTS (Continued)

HAN	Suspect Asbestos Containing Material Description	SID (Space Identification Number)	Sample No.	ACM (Y/N)	Estimated Quantity SF*	Friability/ Condition
600	Glass Block Window Mortar	6 <sup>th</sup> Floor	600-1, 600-2	No	N/A	N/A
700	Roof – Field	Roof	700-1, 700-2	No	N/A	N/A
<b>701</b>	<b>Roof – Flashing</b>	<b>Roof</b>	<b>701-1, 701-2</b>	<b>Yes</b>	<b>700 sq. ft.</b>	<b>NF/I</b>
702	Roof – Counter Flashing Caulk	Roof	702-1, 702-2	No	N/A	N/A
703	Roof – Overlay Material	Roof	703-1, 703-2	No	N/A	N/A

\*Quantities are approximate, and are only associated with areas of planned renovation. Additional asbestos containing materials may be located outside areas of planned renovation that were not surveyed, assessed or quantified during this inspection.

### **NOTES:**

**NOTE 1= Material was determined to be positive for asbestos during a previous inspection, please see Paradigm Environmental's 2014 Asbestos Inspection report in the appendix for further details.**

The above listed table provides a list of the materials that were sampled and tested for asbestos by Polarized Light Microscopy (PLM) and or Transmission Electron Microscopy (TEM), as applicable. Any sample determined to be a non-friable organically bound material (NOB), and which was found to be negative by Polarized Light Microscopy (PLM) analysis, was then analyzed by Transmission Electron Microscopy (TEM) analysis at American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP Certified laboratory (ID: 11480) and conducts analysis according to EPA Method 198.1, 198.4 and 198.6. See Section 2.0 for the laboratory's analytical results.



## **1.4 Methodology**

All work performed by AMD Environmental Consultants, Inc. was conducted in accordance with applicable regulations, including New York State Department of Labor standards 12NYCRR Part 56, National Emission Standards for Hazardous Air Pollutants (NESHAPS), and Occupational Safety and Health Administration regulations 29CFR1910.1101 and 29CFR1910.134. All AMD personnel assigned to conduct inspections have completed the Environmental Protection Agency (EPA) required training and New York State Department of Labor Division of Safety and Health certification program.

Each suspect asbestos containing building material (ACBM) was assigned a homogenous area number (HAN). Homogeneous areas consist of materials of like composition, texture and appearance.

Based on the homogeneous areas, samples of suspect materials were collected. Techniques used for sample collection were designed to minimize damage to suspected areas, reduce any potential for fiber release, and ensure the safety of the inspector and building occupants. Samples were collected by AMD personnel using the following procedures:

1. The surface to be sampled was sprayed with amended water (detergent and water) as necessary
2. A plastic sample bag was held to the surface sampled
3. The sample was collected using tools appropriate to the friability of the material sampled
4. Sample bags were labeled with a unique sample identification number
5. Samples were recorded on a Chain of Custody form, and submitted under strict chain-of-custody procedures to American Science Team New York Inc. (AmeriSci) in New York, New York. AmeriSci is an ELAP and NYSDOH approved, certified laboratory for PLM and TEM analysis (ELAP ID: 11480).

Samples were first analyzed using PLM, Polarized Light Microscopy in accordance with US Environmental Protection Agency Interim Method, 40CFR Pt 763, Supt F, App A(7-1-87). For the sample results not considered definitive, additional analysis was performed under Transmission Electron Microscopy (TEM) in accordance with NYSDOH ELAP Item 198.4, for Non-friable Organically Bound Bulk Material (NOB). The results of these analyses confirmed whether or not a suspect materials actually contained asbestos. All materials sampled are summarized in Section 1.3 of this report; the presumed asbestos containing materials and materials containing asbestos above 1.0% are listed in Section 1.2.





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## 2.0 Laboratory Analytical Results

**AmeriSci New York**

117 EAST 30TH ST.  
NEW YORK, NY 10016  
TEL: (212) 679-8600 • FAX: (212) 679-3114

## PLM Bulk Asbestos Report

AMD Environmental Consultants, Inc.  
Attn: John Wolf  
712 Main Street  
Suite L1  
Buffalo, NY 14202

**Date Received** 10/15/18 **AmeriSci Job #** 218102616  
**Date Examined** 10/16/18 **P.O. #**  
**ELAP #** 11480 **Page** 1 **of** 5  
**RE:** 181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St.,  
Rochester, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
101A-1 <b>Location:</b> 6th Floor - Above Hauserman Panels - Joint Compound	218102616-01	No	NAD <sup>1</sup> (by NYS ELAP 198.1) by Bo Sun on 10/16/18
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
101A-2 <b>Location:</b> 6th Floor - Above Hauserman Panels - Joint Compound	218102616-02	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
101A-3 <b>Location:</b> 7th Floor - Above Hauserman Panels - Joint Compound	218102616-03	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
101A-4 <b>Location:</b> 7th Floor - Above Hauserman Panels - Joint Compound	218102616-04	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
101A-5 <b>Location:</b> 5th Floor - Smoke Wall Above Ceiling - Joint Compound	218102616-05	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			

Client Name: AMD Environmental Consultants, Inc.

**PLM Bulk Asbestos Report**181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St.,  
Rochester, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
101A-6 Location: 5th Floor - Column Box Out - Joint Compound  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	218102616-06	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
101A-7 Location: 5th Floor - Above Hauserman Panels - Joint Compound  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %	218102616-07	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
101A-8 Location: 4th Floor - Wall @ Column P20 - Joint Compound  Analyst Description: White, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	218102616-08	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
101A-9 Location: 4th Floor - Corridor - Joint Compound  Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Non-fibrous 100 %	218102616-09	No	NAD (by NYS ELAP 198.1) by Bo Sun on 10/16/18
101A-10 Location: 3rd Floor - Hauserman Panels - Joint Compound  Analyst Description: White/Beige, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 1.8 % Other Material: Cellulose Trace, Non-fibrous 98.2 %	218102616-10	Yes	1.8 % (EPA 400 PC) by Bo Sun on 10/16/18
700-1 Location: Roof - Field  Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 3 %	218102616-11	No	NAD (by NYS ELAP 198.6) by Bo Sun on 10/16/18

Client Name: AMD Environmental Consultants, Inc.

**PLM Bulk Asbestos Report**181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St.,  
Rochester, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
700-2 Location: Roof - Field	218102616-12	No	NAD (by NYS ELAP 198.6) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Black, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 4.7 %			
701-1 Location: Roof - Flashing	218102616-13	Yes	Trace (<0.25 % pc) <sup>2</sup> (EPA 400 PC) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Black/Brown, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile <0.25 % pc <b>Other Material:</b> Non-fibrous 22.1 %			
701-2 Location: Roof - Flashing	218102616-14	Yes	Trace (<0.25 % pc) <sup>2</sup> (EPA 400 PC) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Black/Brown, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile <0.25 % pc <b>Other Material:</b> Non-fibrous 11.8 %			
702-1 Location: Roof - Counter Flashing Caulk	218102616-15	No	NAD (by NYS ELAP 198.6) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 9.1 %			
702-2 Location: Roof - Counter Flashing Caulk	218102616-16	No	NAD (by NYS ELAP 198.6) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Grey, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 17.4 %			
703-1 Location: Roof - Overlay Material	218102616-17	No	NAD (by NYS ELAP 198.6) by Bo Sun on 10/16/18
<b>Analyst Description:</b> Brown, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 31.9 %			

Client Name: AMD Environmental Consultants, Inc.

**PLM Bulk Asbestos Report**181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St.,  
Rochester, NY

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
703-2	218102616-18	No	NAD
Location: Roof - Overlay Material			(by NYS ELAP 198.6) by Bo Sun on 10/16/18
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Non-fibrous 29.5 %			
101-1	218102616-19	No	NAD
Location: 5th Floor - Drywall			(by NYS ELAP 198.1) by Bo Sun on 10/16/18
Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 20 %, Non-fibrous 80 %			
101-2	218102616-20	No	NAD
Location: 5th Floor - Drywall			(by NYS ELAP 198.1) by Bo Sun on 10/16/18
Analyst Description: Brown/White, Heterogeneous, Fibrous, Bulk Material			
Asbestos Types:			
Other Material: Cellulose 20 %, Non-fibrous 80 %			
600-1	218102616-21	No	NAD
Location: 6th Floor - Glass Block Window Mortar			(by NYS ELAP 198.1) by Bo Sun on 10/16/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			
600-2	218102616-22	No	NAD
Location: 6th Floor - Glass Block Window Mortar			(by NYS ELAP 198.1) by Bo Sun on 10/16/18
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material			
Asbestos Types:			
Other Material: Cellulose Trace, Non-fibrous 100 %			

Client Name: AMD Environmental Consultants, Inc.

## PLM Bulk Asbestos Report

181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St.,  
Rochester, NY

### Reporting Notes:

- (1) This job was - Analyzed using Motic BA310 Pol Scope S/N 1190000538
- (2) Sample prepared for analysis by ELAP 198.6 method

Analyzed by: Bo Sun

*Bo Sun*

\*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop, (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; PLM Bulk Asbestos Analysis by Appd E to Subpt E, 40 CFR 763 (NVLAP 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples or EPA 400 pt ct by Appd E to Subpt E, 40 CFR 763 (NY ELAP Lab 11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA-LAP, LLC Lab ID 102843, RI Cert AAL-094, CT Cert PH-0186, Mass Cert AA000054.

Reviewed By: \_\_\_\_\_

END OF REPORT \_\_\_\_\_

Client Name: AMD Environmental Consultants, Inc.

**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
 181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St., Rochester, NY

18-1008JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	101A-1		---	---	---	---	NAD	NA
Location:	6th Floor - Above Houseman Panels - Joint Compound							
02	101A-2		---	---	---	---	NAD	NA
Location:	6th Floor - Above Houseman Panels - Joint Compound							
03	101A-3		---	---	---	---	NAD	NA
Location:	7th Floor - Above Houseman Panels - Joint Compound							
04	101A-4		---	---	---	---	NAD	NA
Location:	7th Floor - Above Houseman Panels - Joint Compound							
05	101A-5		---	---	---	---	NAD	NA
Location:	5th Floor - Smoke Wall Above Ceiling - Joint Compound							
06	101A-6		---	---	---	---	NAD	NA
Location:	5th Floor - Column Box Out - Joint Compound							
14	101A-7		---	---	---	---	NAD	NA
Location:	5th Floor - Above Houseman Panels - Joint Compound							
08	101A-8		---	---	---	---	NAD	NA
Location:	4th Floor - Wall @ Column P20 - Joint Compound							
09	101A-9		---	---	---	---	NAD	NA
Location:	4th Floor - Corridor - Joint Compound							
10	101A-10		---	---	---	---	Chrysotile 1.8	NA
Location:	3rd Floor - Houseman Panels - Joint Compound							
11	700-1		0.197	72.6	24.4	3.0	NAD	NAD
Location:	Roof - Field							
12	700-2		0.235	94.5	0.9	4.7	NAD	NAD
Location:	Roof - Field							
13	701-1		0.172	68.0	9.9	15.5	Chrysotile <0.25	Chrysotile 6.6
Location:	Roof - Flashing							
14	701-2		0.178	49.4	38.8	8.3	Chrysotile <0.25	Chrysotile 3.5
Location:	Roof - Flashing							
15	702-1		0.132	65.2	25.8	9.1	NAD	NAD
Location:	Roof - Counter Flashing Caulk							
16	702-2		0.198	24.7	57.9	17.4	NAD	NAD
Location:	Roof - Counter Flashing Caulk							

1447 St. Paul St.-Bldg. #5

Client Name: AMD Environmental Consultants, Inc.

# Table I

## Summary of Bulk Asbestos Analysis Results

181008JD-A; Hawkeye - Bldg. #5; 1447 St. Paul St., Rochester, NY

18-1008JD-A

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
17	703-1		0.226	26.1	42.0	31.9	NAD	NAD
Location:	Roof - Overlay Material							
18	703-2		0.105	59.0	11.4	29.5	NAD	NAD
Location:	Roof - Overlay Material							
19	101-1		---	---	---	---	NAD	NA
Location:	5th Floor - Drywall							
20	101-2		---	---	---	---	NAD	NA
Location:	5th Floor - Drywall							
21	600-1		---	---	---	---	NAD	NA
Location:	6th Floor - Glass Block Window Mortar							
22	600-2		---	---	---	---	NAD	NA
Location:	6th Floor - Glass Block Window Mortar							

15

Analyzed by: Marik Peysakhov; Date Analyzed 10/19/2018

\*\*Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by Appd E to Subpt E, 40 CFR 763 or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; (SOF-V) = Sprayed On Fireproofing containing Vermiculite; (SM-V) = Surfacing Material containing Vermiculite; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); NPLAP (PLM) 200546-0, NYSDOH ELAP Lab 11480, AIHA-LAP, LLC (PLM) Lab ID 102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: \_\_\_\_\_





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## 2.1 Analytical Key Terms and Definitions

**PLM:** Polarized Light Microscopy; type of analysis

**TEM:** Transmission Electron Microscopy; secondary analysis if applicable

**NOB:** Non-Friable Organically Bound; materials analyzed by PLM or TEM

**NAD:** No asbestos detected

**NA:** Not applicable

**PS:** Positive Stop

**Trace:** Less than 1% asbestos (Non ACM)

**ACM:** Asbestos Containing Material



**AMD**  
ENVIRONMENTAL

**AMD Environmental Consultants, Inc.**  
712 Main St. Suite L1  
Buffalo, NY 14202  
Office: 716-833-0043 Fax: 716-241-8689  
[www.amdenvironmental.com](http://www.amdenvironmental.com)

---

## 3.0 Sample Chain(s) of Custody



## BULK CHAIN OF CUSTODY

**AMERJSCI NEW YORK**  
117 EAST 30TH STREET  
NEW YORK, NY 10016  
TOLL FREE: (800) 705-5227  
PHONE: (212) 679-8600  
FAX: (212) 679-9392



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## **Appendix A: Firm Certification and Personnel License(s)**



**AMD**  
ENVIRONMENTAL

**AMD Environmental Consultants, Inc.**  
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Office: 716-833-0043 Fax: 716-241-8689  
[www.amdenvironmental.com](http://www.amdenvironmental.com)

**New York State – Department of Labor**

Division of Safety and Health  
License and Certificate Unit  
State Campus, Building 12  
Albany, NY 12240

**ASBESTOS HANDLING LICENSE**

AMD Environmental Consultants, Inc.  
Suite L1  
712 Main Street  
Buffalo, NY 14202

FILE NUMBER: 10-56177  
LICENSE NUMBER: 56177  
LICENSE CLASS: RESTRICTED  
DATE OF ISSUE: 11/02/2017  
EXPIRATION DATE: 11/30/2018

Duly Authorized Representative – Anthony DeMiglio:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

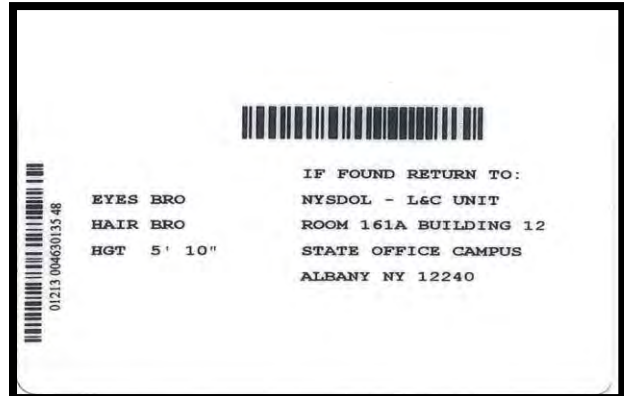
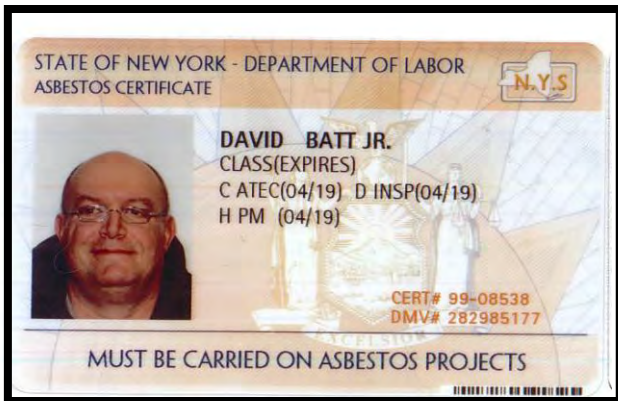
Eileen M. Franko, Director  
For the Commissioner of Labor

SH 432 (8/12)



**AMD**  
ENVIRONMENTAL

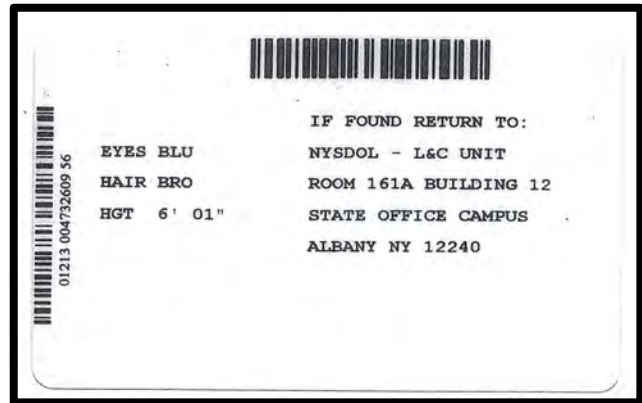
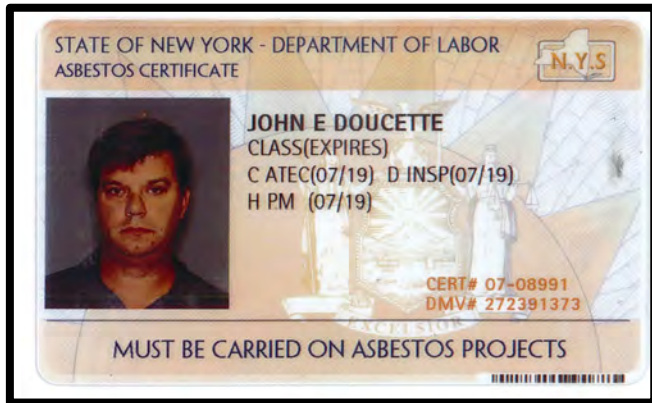
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## **Appendix B: Laboratory Certification**





**AMD**  
ENVIRONMENTAL

AMD Environmental Consultants, Inc.  
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Buffalo, NY 14202  
Office: 716-833-0043 Fax: 716-241-8689  
www.amdenvironmental.com

**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2019  
Issued April 01, 2018

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**  
*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. PAUL J. MUCHA  
AMERICA SCIENCE TEAM NEW YORK, INC  
117 EAST 30TH ST  
NEW YORK, NY 10016

NY Lab Id No: 11480

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:*

**Miscellaneous**

Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual

**Serial No.: 57809**

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

Page 1 of 1




**AMD**  
ENVIRONMENTAL

**AMD Environmental Consultants, Inc.**  
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Office: 716-833-0043 Fax: 716-241-8689  
[www.amdenvironmental.com](http://www.amdenvironmental.com)

---

## **Appendix C: Paradigm Environmental 2014 Asbestos Inspection Report**



Limited Asbestos Survey

For

Building 5  
Hawkeye Plant  
Rochester, New York

August 27 – September 12, 2014

**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester  
New York 14608 (585) 647-2530

Prepared for:  
Eastman Kodak Company  
1669 Lake Avenue  
Rochester, New York 14562  
Job Number: 7100678528

**BUILDING 5  
HAWKEYE PLANT  
ROCHESTER, NEW YORK**

**TABLE OF CONTENTS**

INTRODUCTION

LIMITATIONS

CONCLUSIONS

MATERIALS LIST

ASBESTOS CONTAINING MATERIALS  
SPACE BY SPACE SUMMARY

DRAWINGS

LABORATORY REPORTS

CHAINS OF CUSTODY

CERTIFICATIONS



## **INTRODUCTION**

Paradigm Environmental Services, Inc. was retained by **Eastman Kodak Company** on **August 27 – September 12, 2014** to conduct an inspection for the detection of asbestos containing materials located at **Building 5, Hawkeye Plant, Rochester, New York**.

The objective of this inspection was to identify and assess with due diligence the locations, quantities, friability and condition of all types of asbestos containing materials at the above referenced location. Paradigm Environmental performed all sample analysis and analytical reports for this project. Field services and survey reports were generated by Envoy Environmental Consultants as a subcontractor to Paradigm. Envoy Environmental Consultants inspectors Jarrod Miner (AH#10-00223) and Greg Lindsay (AH#06-08692) conducted this inspection with the procedures and guidelines dictated by state and federal regulatory agencies. The inspectors of Envoy Environmental Consultants, Inc. selected materials for inclusion in this report through an understanding of the scope of the renovation as indicated by the building owner and the historical uses of asbestos in general. Generally, if a building material within a structure could contain asbestos the material was included in the survey.

Samples were collected from locations within each homogeneous sampling area. Samples consist of a small amount of the subject material. Sampling points were recorded and cross-referenced to prepared sketches. Individual samples were also recorded on a chain of custody document. Samples were then transported to the Paradigm analytical laboratory for asbestos analysis.

The Paradigm laboratory is accredited through NYSDOH/ELAP (Lab ID# 10958) for Solid and Hazardous Waste and Air and Emissions for Bulk Asbestos Fiber Analysis. The chain of custody record accompanies all samples from the point collected until they reach the laboratory. Samples are stored at the laboratory for 90 days then disposed of according to authoritative regulations.

The analysis methodology used is as follows:

### **Asbestos Bulk Samples:**

New York State Department of Health, ELAP Method 198.1 and 198.6 ("Polarized Light Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

New York State Department of Health, ELAP Method 198.4 ("Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples").

## **LIMITATIONS**

The information provided in this report was compiled from field and laboratory data and was prepared for and referenced to **Building 5, Hawkeye Plant, Rochester, New York**. Materials noted and recorded are intended to represent subject site at the time and date that the observations were made. Conclusions and recommendations provided in this report are based on the assumption that materials identified are homogenous throughout their application. Determinations of suspect asbestos containing materials within the building were subject to the accessibility of each individual area or space. Determinations of asbestos containing materials were made by means of bulk sampling, physical assessment or visual assessment if the materials were not accessible. Envoy Environmental Consultants Inc. and Paradigm Environmental Services, Inc. accepts no responsibility for the content of building materials within areas or spaces that were unknown to us, not reasonably accessible, or not part of the scope of the project as defined by the client. Envoy Environmental Consultants Inc. and Paradigm Environmental Services, Inc. assumes no liability for any buildings that were not identified by the client that may fall under state or federal regulation. All conclusions provided in this report are based on the bulks sampling that was performed at the above mentioned site on the above mentioned dates.

**As per the direction of the client, Eastman Kodak Company, this survey was limited to suspect asbestos containing materials as listed in the materials tested table; if additional materials will be impacted by the renovation these materials should be considered asbestos containing until tested.**

All quantities are approximations and must be field verified by the contractor prior to the submittal of bids. Contractor bids are expected to be based on their own determination of quantities and not the quantities stated in this report.

This asbestos survey report is not intended to be a bid document for a scope of work for the asbestos abatement contractor. The survey report only identifies and assesses the location, quantity and condition of ACM, PACM or asbestos materials at the subject site. The asbestos survey report is intended to be used as a tool in the development of an asbestos abatement project design or work scope. Under the Code Rule regulation this task can only be performed by a Certified Project Designer.

**Energized mechanical or electrical systems were not sampled as part of the survey, and were visually assessed as ACM (Asbestos Containing Material). Suspect materials that are visually assessed by the inspector as ACM shall be treated as ACM, unless bulk sampling is conducted consistent with EPA and OSHA accepted methods, and the analysis meets the requirements of Code Rule 56 and the suspect material is found not to be asbestos containing. These systems may contain one or more of the following components, but are not limited to these components: brakes, clutches, gaskets, insulating panels, blocks or backer boards, wire insulation, explosion proof lighting gaskets and fitting packings, insulating papers, pipe sleeve packings, fire stops, caulks, paints and coatings.**

**Due to the nature and scope of the survey destructive sampling techniques were not utilized as part of the inspection. Intrusive/Destructive sampling techniques are used to access suspect materials that may be hidden or covered up by other materials. Dependent upon the material that has to be damaged to access hidden materials the methods employed by the survey team may include; wall or floor coring, typically performed with a Coring machine, or wall penetrations which is typically performed with a hammer drill or sledge hammer and other destructive techniques which would be performed utilizing hand tools. The following is a partial list of materials which may not been identified as a result of limited destructive sampling: mirror mastic fireproofing, vapor barriers, waterproof membranes, acoustical barriers, duct insulation and insulating papers, vermiculite insulation, plasters and skim coats, pipe insulation and mastics.**

This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.

Paradigm Job Number 7100678528

**Bulk sampling, identifying, or quantification of installed exterior building components were not conducted as part of this building inspection/survey at the request of the client. Building exteriors may contain one or more of the following components but are not limited to these components; roofing, flashing, tars, waterproof membranes or vapor barriers, rated fire wall insulation, Galbestos, Transite, asbestos containing cements or siding, wall caulks, window caulks or glazing, exterior fire door insulation, textured coatings or paints and mastics. These components should be considered and treated as ACM until bulk sampling is conducted consistent with EPA and OSHA accepted methods, and the analysis meets the requirements of Code Rule 56 and the suspect material is found not to be asbestos containing.**

### **CONCLUSIONS**

Paradigm Environmental Services, Inc. was retained to perform a limited asbestos survey from **Building 5, Hawkeye Plant, Rochester, New York** on **August 27 - September 12, 2014**. A New York State certified inspector sampled suspect asbestos containing materials from the above mentioned site. Sample locations and custody information were recorded and the samples were transported to the Paradigm laboratory for analysis.

**Transmittal of Building/Structure Asbestos Survey Information** - As required by New York State Industrial Code Rule 56, one (1) copy of the results of the building/structure asbestos survey shall be immediately transmitted by the building/structure owner as follows:

- One (1) copy of the completed asbestos survey shall be sent by the owner or their agent to the local entity charged with issuing a permit for such demolition, renovation, remodeling or repair work under State or local laws.
- The completed asbestos survey for controlled demolition (as per Subpart 56-11.5) or pre-demolition asbestos projects shall be submitted to the appropriate Asbestos Control Bureau district office.
- The completed asbestos survey shall be kept on the construction site with the asbestos notification and variance, if required, throughout the duration of the asbestos project and any associated demolition, renovation, remodeling or repair project.



The following is a brief description of the space by space survey.

<i>Col. 1</i>	<i>Col. 2</i>	<i>Col. 3</i>	<i>Col. 4</i>	<i>Col. 5</i>	<i>Col. 6</i>	<i>Col. 7</i>	<i>Col. 8</i>	<i>Col. 9</i>	<i>Col. 10</i>	<i>Col. 11</i>
<i>Room #</i>	<i>Sample #'s taken in Room</i>	<i>Positive Sample ID #</i>	<i>Positive Material Description</i>	<i>Location of Material</i>	<i>Condition</i>	<i>Friable Non-Friable NOB</i>	<i>Type of Material</i>	<i>SQ FT</i>	<i>Lin FT</i>	<i>Units</i>

1. Column 1: indicates the Room number, room description and estimated square footage of the room referenced to the attached map/drawing.
2. Column 2: indicates the bulk sample numbers that were taken in the Room indicated in column 1. i.e. 001-007 means samples one through seven were sampled in the room, none would indicate that no samples were taken in the room. You will not see the first three letters of the sample in this column. If you would like to know the materials that were tested in the room please refer to the analytical results which are documented in numerical order.
3. Column 3: indicates the sample number that proves the material is positive for asbestos content. This sample may have taken in the space in column 1 or determined a homogeneous area (material) by the inspector to a sample that was taken in another space. For the purpose of this report all samples are assigned a six digit alphanumeric sample identification number. The first three letters/numbers indicate the material, found in column 4. The last three numbers indicate the sample number in the sequence in which they were taken. If there is a letter after the last three numbers, this indicates that the laboratory or the inspector determines that there were multiple layers within the sample, requiring additional sampling under EPA protocols.
4. Column 4: gives a brief description of the asbestos containing material or the material that is to be treated as asbestos containing as determined by the inspector. At times non-asbestos materials are contaminated with asbestos, therefore must be treated as asbestos.
5. Column 5: indicates a brief description of the location of the material in the room and not the location where the sample was taken from. You will find locations of where each sample was taken from on the analytical sampling results.
6. Column 6: indicates the physical condition of the material as assessed by the inspector in the space indicated in column 1, according to the condition description described below. For the purpose of this report, the condition of the ACM will be reported in good, fair or poor condition. Conditions will be listed in column 6 of the survey report will be as follows;
  - a. **Good:** means material is intact with no visible damage.
  - b. **Fair:** means material contains fewer than 10% distributed damage or 25% localized damage.
  - c. **Poor:** means material contains over 10% distributed damage or 25% localized damage.
 Conditions listed in column 6 of the space by space survey report are only related to the specific material for the specific space.
7. Column 7: indicates the friability of the material in that space as determined by the inspector and the analytical laboratory consistent with Code Rule 56 and EPA regulations.
8. Column 8: indicates the type of material in that space as determined by the inspector and the analytical laboratory consistent with Code Rule 56 and EPA regulations.
9. Column 9: indicates the square footage of ACM material found in the space.
10. Column 10: indicates the linear footage of ACM material found in the space. Pipe insulation that is two feet or greater in diameter is required to be reported in square feet according to code Rule 56.
11. Column 11: indicates the units of ACM material found in the space.

**MATERIALS TESTED**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
<b>Ceiling and Wall Materials</b>				
CMM-003	Cream Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
ACT-006	Tan 1'x1' Adhered Ceiling Tile	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	Friable
CTM-007	Brown Ceiling Tile Mastic	Trace Tremolite	Anthophyllite <1.0%	NOB
SCT-010	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
SCT-012	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
CMM-017	Tan Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
EXJ-020	Light Gray Expansion Joint	Inconclusive No Asbestos Detected	None Detected	NOB
GRT-024	White Grout	None Detected	Not Required	Non-Friable
CRM-025	Brown Ceramic Tile Mastic	None Detected	Not Required	Non-Friable
CRC-027	White Ceramic Tile Cement	None Detected	Not Required	Non-Friable
MAS-030	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-032	Gray Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CRC-036	White Ceramic Tile Cement	Chrysotile 3.1%	Not Required	Non-Friable
GRT-037	White Grout	None Detected	Not Required	Non-Friable
SPK-042	White Spackle	Chrysotile 2.5%	Not Required	Non-Friable
DWL-050	Gray Drywall	None Detected	Not Required	Non-Friable
SPK-051	White Spackle	Chrysotile 4.0%	Not Required	Non-Friable
CMM-053	Brown Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
WPL-058	White Wall Plaster	None Detected	Not Required	Non-Friable
WPL-059	Gray Wall Plaster	None Detected	Not Required	Non-Friable
CMM-060	Cream Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CMM-062	White Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SPK-071	White Spackle	None Detected	Not Required	Non-Friable
MAS-076	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SCT-078	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
MAS-081	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SCT-087	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
SCT-094	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
SCT-095	Gray 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
SCT-096	Gray 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
SPK-099	White Spackle	None Detected	Not Required	Non-Friable

**MATERIALS TESTED****Building 5****Hawkeye Plant****Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
SCT-104	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
CMW-105	Tan Carpet Mastic Wall	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-109	Gray Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CMM-116	Brown Cove Molding Mastic	Inconclusive No Asbestos Detected	Trace Chrysotile	NOB
ACT-124	Tan 1'x1' Adhered Ceiling Tile	Inconclusive No Asbestos Detected	None Detected	Friable
CTM-125	Brown Ceiling Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CMM-132	Tan Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CRM-133	Brown Ceramic Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
WPL-139	White Wall Plaster	None Detected	Not Required	Non-Friable
WPL-140	Gray Wall Plaster	None Detected	Not Required	Non-Friable
CMM-146	White Cove Molding Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
CMW-147	Tan Carpet Mastic Wall	Inconclusive No Asbestos Detected	None Detected	NOB
<b>Flooring Materials</b>				
FT1-001	White 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FTM-002	Tan Floor Tile Mastic	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
CMF-009	Tan Carpet Mastic Floor	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-013	Black 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-016	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-018	Dark Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FTM-019	Shiny Black Floor Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-021	Gold 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
GRT-022	Gray Grout	None Detected	Not Required	Non-Friable
CRC-023	Gray Ceramic Tile Cement	None Detected	Not Required	Non-Friable
SVL-028	Gray/Black Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-029	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-038	Burgundy Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-039	Burgundy Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-040	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB

This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.

Job Number 7100678528

**MATERIALS TESTED**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
FT1-043	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FTM-044	Black Floor Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-045	Red 12"x12" Floor Tile	Chrysotile 13%	Not Required	NOB
GRT-046	Gray Grout	None Detected	Not Required	Non-Friable
GRT-047	Gray Grout	None Detected	Not Required	Non-Friable
CRC-048	Gray Ceramic Tile Cement	None Detected	Not Required	Non-Friable
CRC-049	Gray Ceramic Tile Cement	None Detected	Not Required	Non-Friable
FT9-054	Sand 9"x9" Floor Tile	Chrysotile 14%	Not Required	NOB
FTM-055	Black Floor Tile Mastic	Chrysotile 10%	Not Required	NOB
FT1-061	White/Tan Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-063	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-065	Magenta 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-067	Tan/Black Sheet Vinyl	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
FT1-068	Blue Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-070	White/Black Streak Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-075	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-077	Royal Blue Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
CMF-079	Tan Carpet Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-082	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT9-083	Gray 9"x9" Floor Tile	Chrysotile 24%	Not Required	NOB
FTM-084	Black Floor Tile Mastic	Chrysotile 14%	Not Required	NOB
SVL-086	Light Blue Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
EXP-088	Tan Epoxy Floor	Inconclusive No Asbestos Detected	None Detected	NOB
EXP-089	Tan Epoxy Floor	Inconclusive No Asbestos Detected	None Detected	NOB
CRC-092	Gray Ceramic Tile Cement	None Detected	Not Required	Non-Friable
GRT-093	Gray Grout	None Detected	Not Required	Non-Friable
FT1-100	Gray Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-101	Gray Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-102	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-103	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-107	Brown 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB

This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.

Job Number 7100678528

**MATERIALS TESTED**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
FT1-108	Brown 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-111	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-111	Beige Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-112	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-112	Beige Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-113	Gray Stone Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-114	Gray Stone Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-115	White 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-115	Tan Floor Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-117	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FTM-118	Tan Floor Tile Mastic	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
FT1-119	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-123	Black 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
EXJ-126	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-127	Dark Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
FTM-128	Shiny Black Floor Tile Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-134	Gold 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-135	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-136	Pink/Black Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-137	Pink/Black Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-138	Gray/Black Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-141	Magenta 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-142	Tan/Black Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-143	White/Black Streak Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
FT1-144	Light Blue Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	None Detected	NOB

This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.  
Job Number 7100678528

**MATERIALS TESTED**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
SVL-145	Light Blue Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
SVL-145	Black Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	Chrysotile 1.9%	NOB
SVL-148	Royal Blue Sheet Vinyl	Inconclusive No Asbestos Detected	None Detected	NOB
<b>Miscellaneous Materials</b>				
MAS-004	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
DUC-014	Gray Duct Caulk	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-015	Brown Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-034	White Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-052	Light Gray Mastic	Chrysotile 2.2%	Not Required	NOB
MAS-056	Light Gray Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-066	Gray Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
DUC-069	Tan Duct Caulk	Inconclusive No Asbestos Detected	None Detected	NOB
VBC-072	Tan Vibration Cloth	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
TAR-073	Black Tar	Chrysotile 8.7%	Not Required	NOB
TAR-074	Black Tar	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
VBC-080	Tan Vibration Cloth	None Detected	Not Required	Non-Friable
DUC-091	Tan Duct Caulk	Inconclusive No Asbestos Detected	None Detected	NOB
MAS-129	Tan Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
DUC-130	Gray Duct Caulk	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	NOB
MAS-131	Brown Mastic	Inconclusive No Asbestos Detected	None Detected	NOB
<b>Window Materials</b>				
WGD-005	Black Window Glaze	Inconclusive No Asbestos Detected	None Detected	NOB
WIG-008	Black Window Glaze	Inconclusive No Asbestos Detected	Anthophyllite <1.0%	NOB
WGD-031	Tan Window Glaze Door	Inconclusive Trace Chrysotile Detected	Trace Chrysotile	NOB
WIG-033	Black Window Glaze	Inconclusive No Asbestos Detected	None Detected	NOB
WGH-041	Tan Window Glaze Hauserman	Inconclusive No Asbestos Detected	None Detected	Non-Friable
WGH-057	Gray Window Glaze Hauserman	Inconclusive No Asbestos Detected	Chrysotile 15%	Non-Friable
WIG-064	Black Window Glaze	Chrysotile 15%	Not Required	NOB
WGD-085	Tan Window Glaze Door	Chrysotile 3.4%	Not Required	Non-Friable

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Job Number 7100678528

**MATERIALS TESTED****Building 5****Hawkeye Plant****Rochester, New York**

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
WGD-090	Black Window Glaze Door	Chrysotile 1.4%	Not Required	NOB
WIG-097	Gray Window Glaze	Chrysotile 13%	Not Required	NOB
WIG-098	Gray Window Glaze	Chrysotile 16%	Not Required	NOB
WGH-106	Gray Window Glaze Hauserman	Chrysotile 5.2%	Not Required	NOB
WGH-110	Gray Window Glaze Hauserman	Inconclusive No Asbestos Detected	None Detected	NOB
<b>Thermal Systems Insulation</b>				
PIN-011	Gray Pipe Insulation	Chrysotile 22%	Not Required	Friable
PIN-026	White Pipe Insulation	Amosite 67%	Not Required	Friable
PIT-035	Black Pipe Insulation Tar	Chrysotile 13%	Not Required	NOB
INS-120	Gray Insulation	Chrysotile 18%	Not Required	Friable
INS-121	Gray Insulation	Chrysotile 67%	Not Required	Friable
INS-122	Gray Insulation	Chrysotile 57%	Not Required	Friable

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Job Number 7100678528

**ASBESTOS CONTAINING MATERIALS**  
**SPACE BY SPACE SUMMARY**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Area	Sample # 's taken in Room	Positive Sample ID #	Positive Material Description	Location of Material	Condition	Friable** Non-Friable NOB	Type of Material	SQ FT	Lin. FT	Units
Area 1	001-020	SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	1176		
		PIN-026	White Pipe Insulation	Partial Piping	Fair	Friable	TSI		730	
		WIG-064	Black Window Glaze	Interior Windows	Good	NOB	Misc		368	
		WGD-090	Black Window Glaze Door	Door Windows	Good	NOB	Misc		92	
		SPK-042	White Spackle	Top Fill	Good	Non-Friable	Misc	7020		
		PIN-011	Gray Pipe Insulation	Partial Piping	Good	Friable	TSI		40	
Area 2	021-029	CRC-036	White Ceramic Tile Cement	Partial Walls	Good	Non-Friable	Misc	608		
		SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	250		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		1260	
		PIT-035	Black Pipe Insulation Tar	Partial Piping	Good	NOB	TSI		1020	
		Assume WGD-090	Gray Transite Black Window Glaze Door	Partial Ductwork Door Windows	Good Good	Non-Friable NOB	Misc Misc	560		29
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	241		
Area 3	030-034	SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	1900		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		457	
		WIG-064	Black Window Glaze	Interior Windows	Good	NOB	Misc		224	
		WGD-090	Black Window Glaze Door	Door Windows	Good	NOB	Misc		60	
		WGD-085	Tan Window Glaze Door	Door Windows	Good	Non-Friable	Misc		20	
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc		7396	
Area 4	035-044	CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	1792		
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	3956		
		FTM-055	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	1120		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		1030	
		Assume WGD-090	Gray Transite Black Window Glaze Door	Partial Ductwork Door Windows	Good Good	Non-Friable NOB	Misc Misc	1492		24
		PIN-011	Gray Pipe Insulation	Partial Piping	Good	Friable	TSI		106	
		PIT-035	Black Pipe Insulation Cork and Tar	Partial Piping	Good	NOB	Misc		48	



**ASBESTOS CONTAINING MATERIALS**  
**SPACE BY SPACE SUMMARY**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Area	Sample #s taken in Room	Positive Sample ID #	Positive Material Description	Location of Material	Condition	Friable** Non-Friable NOB	Type of Material	SQ FT	Lin. FT	Units
Area 5	045-053	SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	5424		
		FT1-045	Red 12"x12" Floor Tile	Partial Floor	Good	NOB	Misc	15862		
		FTM-055	Black Floor Tile Mastic	Under Red 12"x12" Floor Tile	Good	NOB	Misc	15862		
		MAS-052	Light Gray Mastic	Under Sink	Good	NOB	Misc	4		
		PIN-011	Gray Pipe Insulation	Partial Piping	Good	Friable	TSI		760	
		Assume	Gray Transite	Kitchen Hoods	Good	Non-Friable	Misc	1120		
		WGD-085	Tan Window Glaze Door	Door Windows	Good	Non-Friable	Misc		12	
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		164	
Area 6	054-063	SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	2190		
		CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	1760		
		SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	8292		
		FT1-045	Red 12"x12" Floor Tile	Partial Floor	Good	NOB	Misc	4348		
		FT9-054	Sand 9"x9" Floor Tile	Partial Floor	Good	NOB	Misc	12640		
		FTM-055	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	21484		
		MAS-052	Light Gray Mastic	Under Sink	Good	NOB	Misc	8		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		683	
		PIT-035	Black Pipe Insulation	Pipe in Chase	Good	NOB	TSI		48	
		Assume	Gray Transite	Partial Ductwork and Connection Points	Good	Non-Friable	Misc		332	
		WGD-090	Black Window Glaze Door	Door	Good	NOB	Misc		54	
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	16022		
Area 7	064-074	WGH-057	Gray Window Glaze Hauserman	Hauserman Windows	Good	NOB	Misc		20	
		WGD-085	Tan Window Glaze Door	Door Windows	Good	Non-Friable	Misc		20	
		PIN-011	Gray Pipe Insulation	Partial Piping	Fair	Friable	TSI		150	
		SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	17188		
		FTM-055	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	3677		
		MAS-052	Light Gray Mastic	Under Sink	Good	NOB	Misc	12		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	Misc		198	
		TAR-073	Black Tar	Floor Edge in AHU	Good	NOB	Misc	170		
		WIG-064	Black Window Glaze	Interior Windows	Good	NOB	Misc		105	
		WGD-090	Black Window Glaze Door	Door Windows	Good	NOB	Misc		20	
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	174		

**ASBESTOS CONTAINING MATERIALS**  
**SPACE BY SPACE SUMMARY**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Area	Sample # 's taken in Room	Positive Sample ID #	Positive Material Description	Location of Material	Condition	Friable** Non-Friable NOB	Type of Material	SQ FT	Lin. FT	Units
Area 8	075-078 148	CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	2176		
		SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	24920		
		FTM-055	Black Floor Tile Mastic	Partial Floor	Good	Non-Friable	Misc	222		
		PIN-026	White Pipe Insulation	Partial Piping	Fair	Friable	TSI		254	
		TAR-073	Black Tar	Floor In AHU	Good	NOB	Misc	170		
		Assume	Gray Transite	Partial Ductwork	Good	Non-Friable	Misc	1440		
		PIN-011	Gray Pipe Insulation	Partial Piping	Fair	Friable	TSI		130	
		MAS-052	Light Gray Mastic	Under Sink	Fair	NOB	Misc	4		
Area 9	079-085	SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	18228		
		FT9-083	Gray 9"x9" Floor Tile	Partial Floor	Good	NOB	Misc	8760		
		FTM-084	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	20382		
		MAS-052	Light Gray Mastic	Under Sinks	Good	NOB	Misc	10		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		10	
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	120		
		WGD-085	Tan Window Glaze Door	Door Windows	Good	Non-Friable	Misc		8	
Area 10	086-089	CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	1456		
		SPK-051	White Spackle	Partial Walls	Good	Non-Friable	Misc	17554		
		FT9-083	Gray 9"x9" Floor Tile	Partial Floor	Good	NOB	Misc	4144		
		FTM-084	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	11432		
		PIN-011	Gray Pipe Insulation	Partial Piping	Fair	Friable	TSI		8	
		PIT-035	Black Pipe Insulation Tar	Partial Piping	Fair	NOB	TSI		48	
		Assume	Gray Transite	Ductwork	Fair	Non-Friable	Misc	1440		
		WIG-097	Black Window Glaze	Interior Windows	Fair	NOB	Misc		75	
		WGD-090	Black Window Glaze Door	Door Windows	Fair	NOB	Misc		101	
Area 11	090-098	PIN-026	White Pipe Insulation	Partial Piping	Fair	Friable	TSI		170	
		SPK-051	White Spackle	Walls	Fair	Non-Friable	Misc	1580		
		MAS-052	Light Gray Mastic	Under Sink	Good	NOB	Misc	4		
		TAR-073	Black Tar	AHU Floor Edge	Fair	NOB	Misc	60		
		WIG-064	Black Window Glaze	Interior Windows	Fair	NOB	Misc		16	
		WGD-090	Black Window Glaze Door	Door Windows	Fair	NOB	Misc		10	
		WIG-097	Gray Window Glaze	Interior Windows	Fair	NOB	Misc		120	

**ASBESTOS CONTAINING MATERIALS**  
**SPACE BY SPACE SUMMARY**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

Area	Sample # #s taken in Room	Positive Sample ID #	Positive Material Description	Location of Material	Condition	Friable** Non-Friable NOB	Type of Material	SQ FT	Lin. FT	Units
Area 12	099-108 147	CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	2176		
		SPK-051	White Spackle	Partial Walls	Fair	Non-Friable	Misc	4720		
		FTM-084	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	16		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		185	
		PIT-035	Black Pipe Insulation Tar	Partial Piping	Good	NOB	TSI		48	
		TAR-073	Black Tar	AHU Floor Edge	Fair	NOB	Misc	60		
		Assume	Gray Transite	Partial Ductwork	Fair	Non-Friable	Misc	1536		
		WGD-090	Black Window Glaze Door	Door Windows	Fair	NOB	Misc		45	
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	270		
		WGH-106	Gray Window Glaze Hauserman	Hauserman Windows	Good	NOB	Misc		204	
		PIN-011	Gray Pipe Insulation	Partial Piping	Fair	Friable	TSI		85	
Area 13	109, 110	WGD-090	Black Window Glaze Door	Door Windows	Good	NOB	Misc		20	
		MAS-052	Light Gray Mastic	Under Sinks	Good	NOB	Misc	10		
		SPK-042	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	152		
		WGD-085	Tan Window Glaze Door	Door Windows	Good	NOB	Misc		30	
Area 14	111-115	CRC-036	White Ceramic Tile Cement	Bathroom Walls	Good	Non-Friable	Misc	2160		
		FTM-084	Black Floor Tile Mastic	Under Tan Streak 12"x12" Floor Tile	Good	NOB	Misc	1440		
		MAS-052	Light Gray Mastic	Under Sinks	Good	NOB	Misc	14		
		PIN-026	White Pipe Insulation	Partial Piping	Good	Friable	TSI		517	
		PIT-035	Black Pipe Insulation Tar	Partial Piping	Good	NOB	TSI		72	
		Assume	Gray Transite	Ductwork	Good	Non-Friable	Misc	668		
		PIN-011	Gray Pipe Insulation	Partial Piping	Good	Friable	TSI		12	
Area 15	116-119	FTM-084	Black Floor Tile Mastic	Partial Floor	Good	NOB	Misc	3900		
		MAS-042	Light Gray Mastic	Under Sinks	Good	NOB	Misc	6		
		PIN-026	White Pipe Insulation	Partial Piping	Fair	Friable	TSI		65	
		WGD-090	Black Window Glaze Door	Door Windows	Good	NOB	Misc		15	
		SPK-052	White Spackle	Hauserman Top Fill	Good	Non-Friable	Misc	380		
		PIN-011	Gray Pipe Insulation	Partial Piping	Fair	Friable	TSI		130	
Area 16	120-122	INS-120, 121, 122	Gray Insulation	Base of AHU	Fair	Friable	TSI	960		
		PIN-026	White Pipe Insulation	Partial Piping	Fair	Friable	TSI		440	
		Assume	Gray Transite	AHU Ductwork	Fair	Non-Friable	Misc	1704		

Assume- Indicates materials assumed positive for asbestos containing materials by inspector.

U - Inspector unable to determine quantity

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This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.

Job Number 7100678528

**ASBESTOS CONTAINING MATERIALS**  
**SPACE BY SPACE SUMMARY**  
**Building 5**  
**Hawkeye Plant**  
**Rochester, New York**

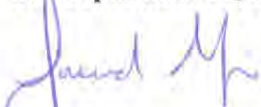
\* Reflects quantifiable locations only; additional materials may be present, but not quantifiable per table.

\*\* Materials are categorized as friable or non-friable based on their intact condition. For designer abatement purposes materials labeled as non-friable may become friable, based on methods of handling.

All layers of multi-layered systems are analyzed, quantified and reported separately, as specified by NYSDOL and NYSDOH. In some cases, multi-layered systems may be combined for design and abatement purposes, with effective quantities adjusted accordingly.

All quantities in this report are approximations and must be field verified by the Abatement contractor. Contractor bids are expected to be based on their own determinations of quantities and not the approximate quantities stated in this report.

Paradigm certifies that this report regarding Building 5, Hawkeye Plant, Rochester, New York is based on the observations of the inspector and believes it to be an accurate representation of the conditions as they existed on August 27 - September 12, 2014.



Jarrod miner  
Envoy Environmental Consultants, Inc.  
Inspector # AH 10-00223

Paradigm appreciates this opportunity to provide you with our professional services. If you have any questions, please feel free to contact me at (585) 647-2530.



Mary Dohr  
Asbestos Operations Manager  
Paradigm Environmental Services, Inc.  
mdohr@paradigmenv.com

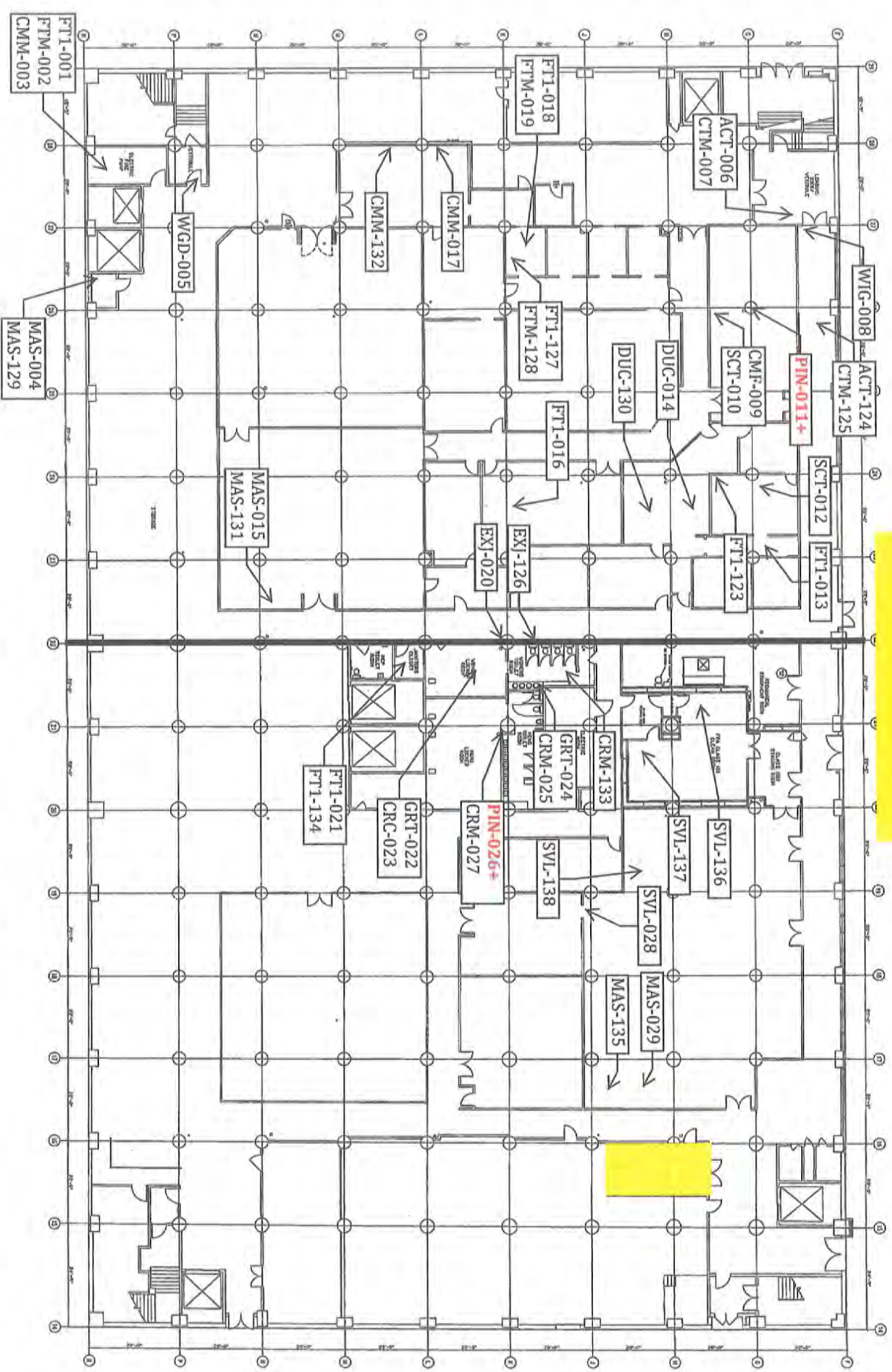




# AREA 1

Areas in Yellow Were  
Inaccessible at Time of Inspection

# AREA 2



Client: Eastman Kodak Company  
Location: Hawkeye Plant  
Work Area: First Floor, Building 5  
Date: August 27 - September 12, 2014  
Job Number: 7100678528

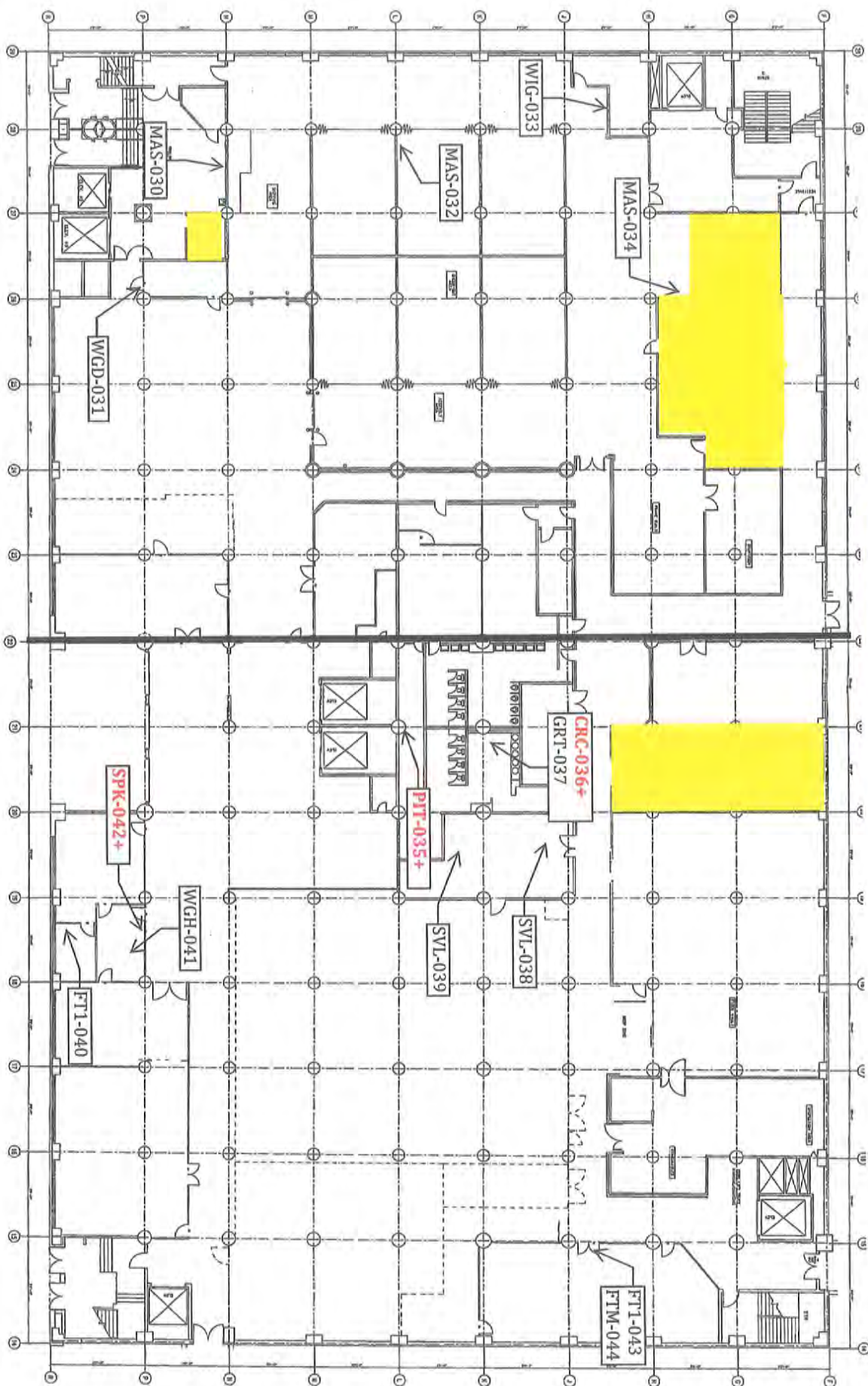
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# AREA 3

Areas in Yellow Were Inaccessible at Time of Inspection

# AREA 4



Client: Eastman Kodak Company

Location: Hawkeye Plant

Work Area: Second Floor, Building 5

Date: August 27 - September 12, 2014

Job Number: 7100678528

NO.	DESCRIPTION	DATE	BY	CHKD.	APP.	REVISION
1	ISSUED FOR CONSTRUCTION	08/27/14	WJ	WJ	WJ	
2	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
3	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
4	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
5	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
6	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
7	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	
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100	ISSUED FOR CONSTRUCTION	09/12/14	WJ	WJ	WJ	

Eastman Kodak Company  
ARCHITECTURAL MASTER 2010 PL  
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EHE005-910-0028





## AREA 8



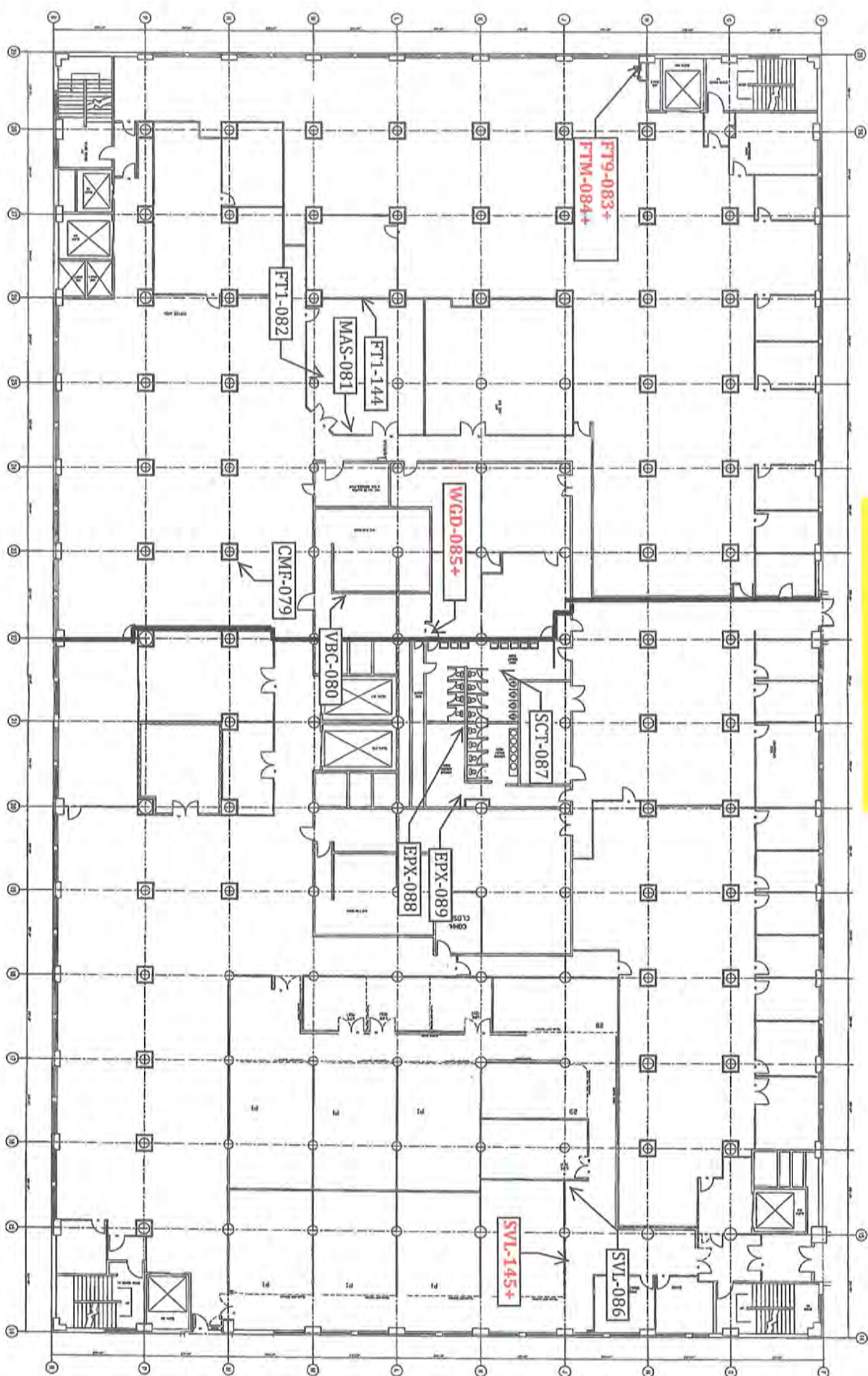
WIG-064+

Job Number: 7100678528

FEHE005-910-004A

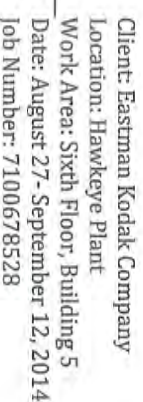


## AREA 10



Job Number: 7100678528

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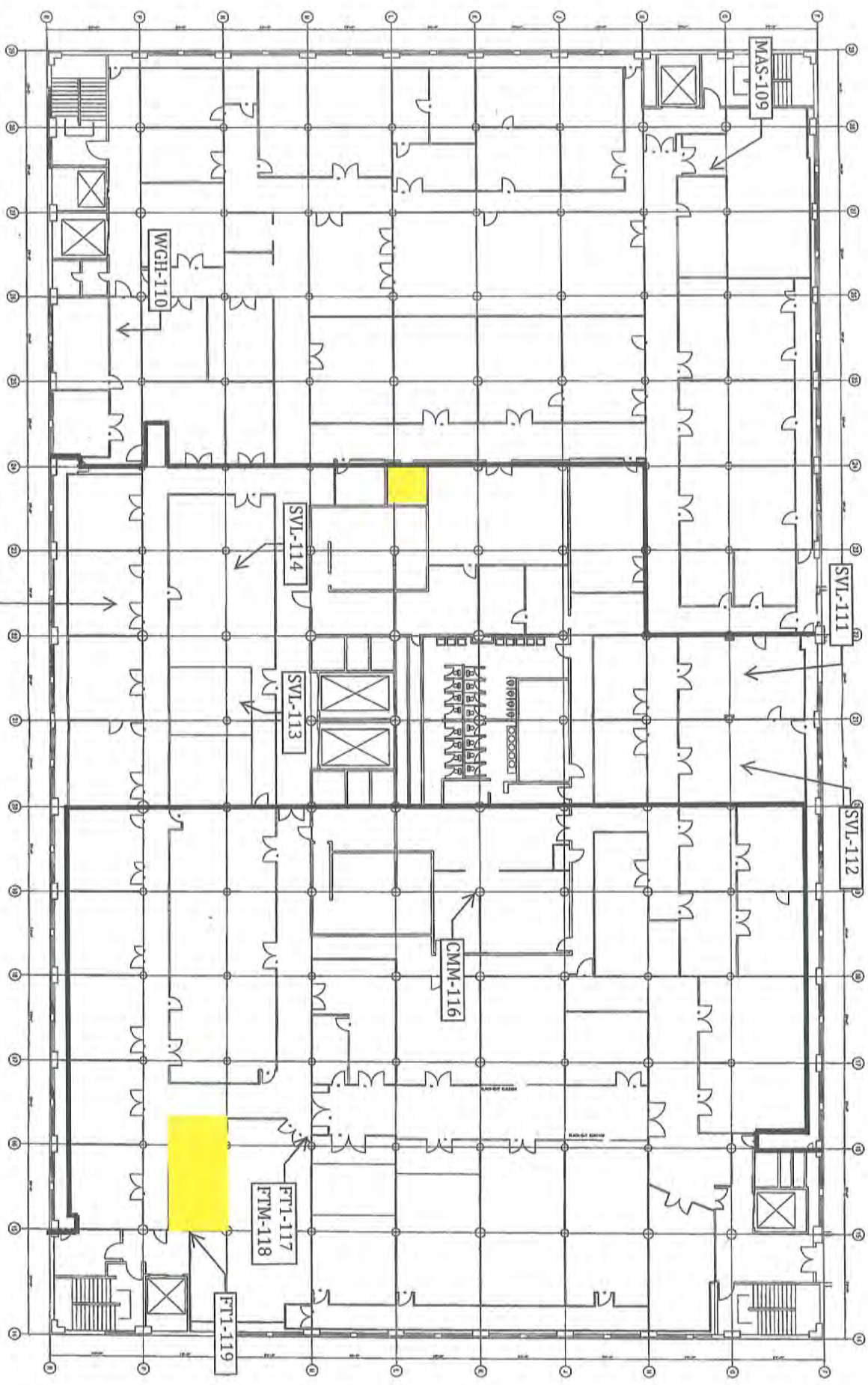


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# AREA 13

# AREA 14

# AREA 15



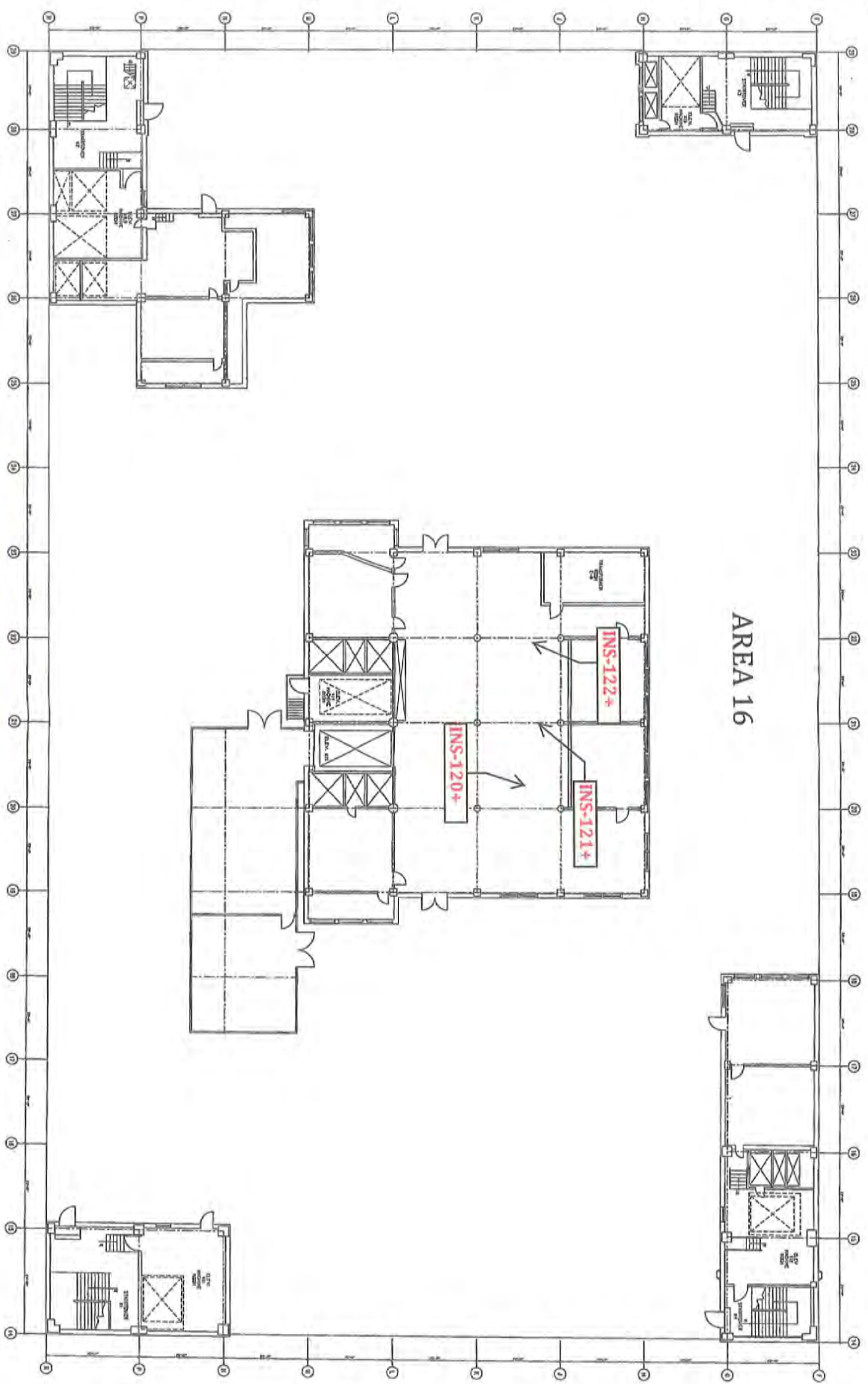
Client: Eastman Kodak Company  
Location: Hawkeye Plant

Work Area: Seventh Floor, Building 5  
Date: August 27 - September 12, 2014  
Job Number: 7100678528

Areas in Yellow Were  
Inaccessible at Time of Inspection

NO.	REVISION	DATE	BY	CHK	APP	REASON
1						ISSUED FOR CONSTRUCTION
2						ISSUED FOR CONSTRUCTION
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5						ISSUED FOR CONSTRUCTION
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PROJECT: EASTMAN KODAK COMPANY  
ARCHITECTURAL MASTER PLAN  
DATE: 08-27-2014  
DRAWN BY: JHE  
CHECKED BY: JHE  
DATE: 09-12-2014  
PROJECT NO: EHE005-910-007B



AREA 16

Areas in Yellow Were  
Inaccessible at Time of Inspection

Client: Eastman Kodak Company  
Location: Hawkeye Plant  
Work Area: Penthouse Building 5  
Date: August 27 - September 12, 2014  
Job Number: 7100678528

NO.	REVISION	DATE	BY	DESCRIPTION	NO.	REVISION	DATE	BY	DESCRIPTION
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ARCHITECTURAL MASTER PLAN  
EHE005-910-0088





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: **Hawkeye Plant**  
Building 5  
Sample Date: **8/27/2014**

Job No: 9628-14 / 2340-14B  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-001	65138/ 21566	Area #1 Floor	White 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FTM-002	65139	Area #1 Floor	Tan Floor Tile Mastic	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
CMM-003	65140/ 21567	Area #1 Cove	Cream Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-004	65141/ 21568	Area #1 Behind Foam in AHU	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WGD-005	65142/ 21569	Area #1 Door Window	Black Window Glaze Door	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACT-006	65143	Area #1 Ceiling Deck	Tan 1'x1' Adhered Ceiling Tile	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
CTM-007	65144/ 21570	Area #1 Ceiling Deck	Brown Ceiling Tile Mastic	Tremolite <1.0%	<1.0%	✓	Anthophyllite <1.0%	<1.0%	None Detected	100%
WIG-008	65145/ 21571	Area #1 Interior Window	Black Window Glaze	Inconclusive No Asbestos Detected	0%	✓	Anthophyllite <1.0%	<1.0%	None Detected	100%
CMF-009	65146/ 21572	Area #1 Floor Under Carpet	Tan Carpet Mastic Floor	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SCT-010	65147/ 21573	Area #1 Drop Ceiling (Spec)	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

ELAP ID No.: 10958

ELAP ID No.: 11955

PLM  
TEM

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

ELAP 10958 (Rochester)

PLM Date Analyzed: 9/2/2014

Microscope: Olympus BH-2 #221797

PLM Analyst: M. Dohr

ELAP 11955 (Buffalo)

TEM Date Analyzed: 9/5/2014

TEM Analyst: E. Fischer

TEM Scope: Hitachi 600 AB

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr (ELAP 10958)

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory

# ENVOY

environmental consultants, Inc.

57 Ambrose St., Rochester, NY 14609

585.454.1080 \* Fax 585.454.1082

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: <b>Kodak</b>		Contact: <b>Tim Caufield</b>	
Phone Number: <b>781-0281</b>		SEND ANALYTICAL DATA TO CLIENT: YES <input type="checkbox"/> NO <input type="checkbox"/>	
Email Results To Inspector: <b>G. Lindsey</b>		Fax Number or email address:	
Date Sampled: <b>8/27/14</b>		Turn Around Time: <b>1</b> <input type="checkbox"/> <b>2</b> <input type="checkbox"/> <b>3</b> <input type="checkbox"/> <b>5</b> <input checked="" type="checkbox"/> <b>Immed</b> <input type="checkbox"/>	
Project Address: <b>St. Paul St.</b>		Project Number: <b>7100678528</b>	
Client Mailing Address: <b>Eastman Business Park</b>		Job #: <b>91028-14</b>	
Job Ticket #: <b>Headkaye Plant</b>		Page: <b>2</b>	
Project Location: <b>Headkaye Plant</b>		Date Logged In: <b>8/28</b>	
		Logged In By: <b>1612</b>	

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Frailibility
1	FT-001	Area #1 Floor	-	white	12x12	FT	UF
2	FTM-002	" "	-	tan	-	FTM	"
3	CM-003	" core	-	cream	-	CM	"
4	MS-004	" behind furnace AHU	-	tan	-	MS	"
5	WGB-005	" Doors windows	-	BLK	-	WGB	"
6	ACT-006	" ceiling deck	-	tan	1x1	ACT	"
7	CTM-007	" "	-	Brown	-	CTM	"
8	WLG-008	" Interior window	-	BLK	-	WLG	"
9	CMF-009	" Floor under carpet	-	tan	-	CMF	"
10	SC-010	" Dry ceiling (Spec)	-	gray	2x4	SC	"

General Location: **Bldg. 5**

Sampled By: **G. Lindsey** Date: **8/27/14**

Transported to Paradigm By: **G. Lindsey** Date: **8/27/14**

Received By: **[Signature]** Date: **8/28/14**

CO mfa

CHECK ONE: ☒ SURVEY ☐ BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: **Estimated at**

TOTAL NUMBER OF SAMPLES IN SURVEY: **10**





# PLM & TEM BULK ASBESTOS REPORT

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 8/27/2014

**Job No:** 9629-14 / 2337-14B  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
PIN-011	65148	Area #1 Pipe	Gray Fibrous Pipe Insulation	Chrysotile 22%	22%		Not Required	N/A	Cellulose 40%	38%
SCT-012	65149	Area #1 Drop Ceiling (Laminate)	Gray 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
FT1-013	65150	Area #1 Floor	Black 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DUC-014	65151	Area #1 Duct Seams	Gray Duct Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-015	65152	Area #1 Under Sink	Brown Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-016	65153	Area #1 Floor	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CMM-017	65154	Area #1 Cove	Tan Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-018	65155	Area #1 Floor	Dark Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FTM-019	65156	Area #1 Floor	Shiny Black Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
EXJ-020	65157	Area #1 Base of Wall	Light Gray Expansion Joint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**  
**ELAP ID No.: 11955**

PLM  
TEM

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

**\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.**

**ELAP 10958 (Rochester)**

PLM Date Analyzed: 9/2/2014

Microscope: Olympus BH-2 #221797

PLM Analyst: M. Dohr

**ELAP 11955 (Buffalo)**

TEM Date Analyzed: 9/5/2014

TEM Analyst: E. Fischer

TEM Scope: Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr (ELAP 10958)

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# ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608

505 454 1060 • Fax 505 454 1062

Client Mailing Address:

Eastman Business Park

Job Ticket #:

Project Location:

Hewlett-Packard Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

## OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caufield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	8/27/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7100678528

Job #:	9429-14
Page	1 of 1
Date Logged In:	8/28/14
Logged In By:	CSB
	ZCH

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Frailability
1	PIN-011	105/148 Area #1	-	Grey	-	PIN	F
2	SC-012	149	-	Dark Grey	2x4	SC	SC
3	FT-013	150	-	Blk	12x12	FT	"
4	DVC-014	151	-	Grey	-	DVC	"
5	MAS-015	152	-	Brown	-	MAS	"
6	FT-016	153	-	lt. Blue	-	FT	"
7	CM-017	154	-	tan	-	CM	"
8	FT-018	155	-	Dark Grey	12x12	FT	"
9	FT-019	156	-	Shiny Blk	-	FT	"
10	EXT-020	157	-	lt. Grey	-	EXT	"

Sampled By: G. Lindsey Date: 8/27/14

Transported to: G. Lindsey Date: 8/27/14

Received By: G. Lindsey Date: 8/28/14

CO n/a

CHECK ONE: ☒ SURVEY ☐ BULK SAMPLES ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: \_\_\_\_\_

TOTAL NUMBER OF SAMPLES IN SURVEY: \_\_\_\_\_ Estimated at: \_\_\_\_\_





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/2/2014

Job No: 9786-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-021	66155	Area #2 Floor	Gold 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
GRT-022	66156	Area #2 Floor	Gray Grout	None Detected	0%		Not Required	N/A	None Detected	100%
CRC-023	66157	Area #2 Floor	Gray Ceramic Tile Cement	None Detected	0%		Not Required	N/A	None Detected	100%
GRT-024	66158	Area #2 Wall	White Grout	None Detected	0%		Not Required	N/A	None Detected	100%
CRM-025	66159	Area #2 Wall	Brown Ceramic Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
PIN-026	66160	Area #2 Piping	White Fibrous Pipe Insulation	Amosite 67% Chrysotile 13%	80%		Not Required	N/A	None Detected	20%
CRC-027	66161	Area #2 Wall	White Ceramic Tile Cement	None Detected	0%		Not Required	N/A	None Detected	100%
SVL-028	66162	Area #2 Floor	Gray/Black Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-029	66163	Area #2 Floor Seam	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-030	66164	Area #3 Behind Wall Panel	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

\*TEM ANALYSIS PERFORMED BY AMA Analytical Services, Inc., original lab data on file\* (ELAP #10920)

PLM Date Analyzed: 9/4/2014

TEM Date Analyzed: 9/8/2014

Microscope: Olympus BH-2 #235757

TEM Analyst: AMA Analytical Services, Inc.

Analyst: B. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

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**environmental consultants, inc.**

57 Ambrose St, Rochester, NY 14608

585.454.1060 \* Fax 585.454.1062

**Client Mailing Address:**

Eastman Business Park

Job Ticket #: 76162

**Project Location:**

## Handkey Plot

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Cauffield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> No <input type="checkbox"/>
Email Results To Inspector:		Fax Number or email address:	
Call Client	<input type="checkbox"/>		
Date Sampled:	G. Lindsey 9/2/14	Turn Around Time:	timothy.cauffield@kodak.com
Project Address:	St. Paul St.	Project Number:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
			700678528

Job #: 9786-14  
 Page 1 of 1  
 Date Logged In: 9/2/14  
 Logged In By: KS  
 1052 CC

General Location: Bldg. 5

General Location: Bldg. 5						
Client ID	Lab ID	Impling Location	Do not Analyze	Color	Size	Material
1	FT-021	160155	Area #2	Floor		
2	GRT-022	156	"	"		
3	CRC-023	157	"	"		
4	GRT-024	158	"	Wall		
5	CRM-025	159	"	"		
6	PN-026	160	"	Piping		
7	KRC-027	161	"	Wall		
8	SVL-028	162	"	Floor		
9	MAS-029	163	"	Floor seam		
10	MAS-030	164	Area #3	Behind wall panel		

Sampled By: C. Lindsey

Date: 7/7

Transported to  
Paradigm By: C. Lindley

Date: \_\_\_\_\_

Received By:

Date: 9/2/14

50 ml

30  
m/s





**PLM & TEM BULK ASBESTOS REPORT**

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/2/2014

**Job No:** 9787-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
WGD-031	66165	Area #3 Door Window	Tan Window Glaze Door	Inconclusive No Asbestos Detected	0%	✓	Trace Chrysotile <1.0%	<1.0%	None Detected	100%
MAS-032	66156	Area #3 Behind Wall Foam	Gray Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WIG-033	66157	Area #3 Interior Windows	Black Window Glaze	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-034	66158	Area #3 Under Sink	White Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

\*TEM ANALYSIS PERFORMED BY AMA Analytical Services, Inc., original lab data on file\* (ELAP #10920)

PLM Date Analyzed: 9/4/2014

TEM Date Analyzed: 9/8/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: AMA Analytical Services, Inc.

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

585.454.1060 \* Fax 585.454.1062

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76162

Project Location:

Hewlett-Packard Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caulfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	timothy.caulfield@kodak.com
Date Sampled:	9/2/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	700678528

Job #:	9787-14
Page	2 of 2
Date Logged In:	9/2/14
Logged In By:	KS

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Fractility
1 WLB-031	16165	Access #3	-	tan	-	WLB	WLB
2 MAS-032	166	behind wall Fan	-	gray	-	MAS	"
3 WLB-033	167	int. windows	-	blk	-	WLB	"
4 MAS-034	168	under sink	-	whit	-	MAS	"
5							
6							
7							
8							
9							
10							

CO

mta

Sampled By:	G. Lindsey	Date:	9/2/14	CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>	
Transported to		Date:		CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS			
Paradigm By:	G. Lindsey	Date:	9/2/14	or provide TEM contact name:			
Received By:	KS	Date:	9/2/14	TOTAL NUMBER OF SAMPLES IN SURVEY:			
				Estimated at			





## PLM & TEM BULK ASBESTOS REPORT

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/3/2014

**Job No:** 9834-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
PIT-035	66414	Area #4 Pipe	Black Fibrous Pipe Insulation Tar	Chrysotile 18%	18%	✓	Not Required	N/A	None Detected	82%
CRC-036	66415	Area #4 Wall	White Ceramic Tile Cement	Chrysotile 3.1%	3.1%		Not Required	N/A	None Detected	96.9%
GRT-037	66416	Area #4 Wall	White Grout	None Detected	0%		Not Required	N/A	None Detected	100%
SVL-038	66417	Area #4 Floor	Burgundy Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-039	66418	Area #4 Floor	Burgundy Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-040	66419	Area #4 Floor	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Talc 2% Wollastonite 2%	96%
WGH-041	66420	Area #4 Hauserman Window	Tan Window Glaze Above Hauserman	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
SPK-042	66421	Area #4 Top Fill	White Spackle	Chrysotile 2.5%	2.5%		Not Required	N/A	None Detected	97.5%
FT1-043	66422	Area #4 Floor	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FTM-044	66423	Area #4 Floor	Black Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

**PLM Date Analyzed:** 9/8/2014

**TEM Date Analyzed:** 9/10/2014

**Microscope:** Olympus BH-2 #232953

**TEM Analyst:** M. Lochner

**Analyst:** J. Peter Donato

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

585.454.1080 \* Fax 585.454.1082

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76163

Project Location:

Hewlett Plant

General Location: Bldg. 5

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

## OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Casfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	timothy.casfield@kodak.com
Date Sampled:	9/3/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7100678528

Job #:	983414
Page	2
Date Logged In:	9/3
Logged In By:	mm
	10f2c0c

Client ID	Lab ID	Implying Location	Do not Analyze	Color	Size	Material	Fractility
1	PIT-035	66414	Acc #4	pipe		PIT	~F
2	CRC-036	415	"	well		CRC	"
3	GRT-037	416	"	"		GRT	"
4	SVL-038	417	"	floor		SVL	"
5	SVL-039	418	"	"		"	"
6	FT-040	419	"	"		FT	"
7	WGA-041	420	"	Houseman window		WGA	"
8	SRK-042	421	"	topfill		SRK	"
9	FT-043	422	"	floor		FT	"
10	FTM-044	423	"	"		FTM	"

Sampled By: G. Lindsey

Transported to: G. Lindsey

Received By: mm

CO

mfa

Date:	9/3/14	CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULK ONLY <input type="checkbox"/>
Date:	9/3/14	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS		
Date:	9/3	or provide TEM contact name:		
Date:	9/3	TOTAL NUMBER OF SAMPLES IN SURVEY:		
Date:	9/3	Estimated at		

Em 9/10/14





## PLM & TEM BULK ASBESTOS REPORT

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/3/2014

**Job No:** 9835-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-045	66424	Area #5 Floor	Red Fibrous 12"x12" Floor Tile	Chrysotile 13%	13%	✓	Not Required	N/A	None Detected	87%
GRT-046	66425	Area #5 Speed Block Floor	Gray Grout	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
GRT-047	66426	Area #5 Speed Block Floor	Gray Grout	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
CRC-048	66427	Area #5 Speed Block Floor	Gray Ceramic Tile Cement	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
CRC-049	66428	Area #5 Speed Block Floor	Gray Ceramic Tile Cement	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
DWL-050	66429	Area #5 Wall	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 2% Fiberglass <1.0%	98%
SPK-051	66430	Area #5 Wall	White Spackle	Chrysotile 4.0%	4.0%		Not Required	N/A	None Detected	96%
MAS-052	66431	Area #5 Under Sink	Light Gray Mastic	Chrysotile 2.2%	2.2%	✓	Not Required	N/A	None Detected	97.8%
CMM-053	66432	Area #5 Cove Base	Brown Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**NVLAP**  
Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/8/2014

TEM Date Analyzed: 9/10/2014

Microscope: Olympus BH-2 #235757

TEM Analyst: M. Lochner

Analyst: B. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608

585 454, 1060 • Fax 585 454, 1062

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:		Kodak	
Phone Number:		781-0281	
Email Results To Inspector:		G. Lindsey	
Date Sampled:		9/3/14	
Project Address:		St. Paul St.	
Client Mailing Address:		585 454, 1060 • Fax 585 454, 1062	
Eastman Business Park		Job Ticket #: 761603	
Project Location:		Hewlett Plant	
Contact:		Tim Caufield	
SEND ANALYTICAL DATA TO CLIENT:		YES <input type="checkbox"/> NO <input type="checkbox"/>	
Fax Number or email address:		timothy.caufield@kodak.com	
Turn Around Time:		1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>	
Project Number:		7100678528	

Job #:	9835-14
Page	8
Date Logged In:	9/3
Logged In By:	mm
	205266

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Triability
1 FT-045	166424	Area #5	-	red	12x12	FT	not
2 GRT-046	425	Spud block floor	-	gray	-	GRT	"
3 GRT-047	426	"	-	"	-	"	"
4 CRC-048	427	"	-	"	-	CRC	"
5 CRC-049	428	"	-	"	-	"	"
6 DWL-050	429	well	-	"	-	DWL	"
7 SPK-051	430	"	-	whit	-	SPK	f
8 MAS-052	431	under sink	-	lt. Gray	-	MAS	UF
9 CMN-053	432	core base	PLA	Brown	-	CMN	"
10							

Sampled By: G. Lindsey	Date: 9/3/14	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to	Date: 9/3/14	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:
Paradigm By: G. Lindsey	Date: 9/3	TOTAL NUMBER OF SAMPLES IN SURVEY: Estimated at
Received By: mm	Date: 9/3	

En 9/14/14





## PLM & TEM BULK ASBESTOS REPORT

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/4/2014

**Job No:** 9932-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT9-054	67191	Area #6 Floor	Sand Fibrous 9"x9" Floor Tile	Chrysotile 14%	14%	✓	Not Required	N/A	None Detected	86%
FTM-055	67192	Area #6 Floor	Black Fibrous Floor Tile Mastic	Chrysotile 10%	10%	✓	Not Required	N/A	None Detected	90%
MAS-056	67193	Area #6 Under Sink	Light Gray Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WGH-057	67194	Area #6 Hauserman Window	Gray Window Glaze Above Hauserman	Inconclusive No Asbestos Detected	0%	#	Chrysotile 15%	15%	None Detected	85%
WPL-058	67195	Area #6 On Column	White Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
WPL-059	67196	Area #6 On Column	Gray Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
CMM-060	67197	Area #6 Cove Base	Cream Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-061	67198	Area #6 Floor	White/Tan Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CMM-062	67199	Area #6 Cove Base	White Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-063	67200	Area #6 Floor	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/9/2014

TEM Date Analyzed: 9/10/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: M. Lochner

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14609

585.454.1060 \* Fax 585.454.1062

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76164

Project Location:

Hawkeye Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caufield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	timothy.caufield@kodak.com
Date Sampled:	9/4/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7006678528

Job #:	9932-14
Page	1 of 1
Date Logged In:	9/5/14
Logged In By:	KS

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Fractility
1 FT9-054	107191	Area #6 floor	-	Sand	9x9	FT	not
2 FT9-055	192	" "	-	Blk	-	FT9	"
3 MAS-056	193	" under sink	-	H. Gray	-	MAS	"
4 W6H-057	194	" Hausman window	-	Gray	-	W6H	"
5 WPL-058	195	" on column	-	Wht	-	WPL	"
6 WPL-059	196	" "	-	Gray	-	"	"
7 CM-M-060	197	" concrete	-	Cream	-	CM-M	"
8 FT1-061	198	" Floor	BLK MAS	Wht + tan streak	12X12	FT	"
9 CM-M-062	199	" core	-	Wht	-	CM-M	"
10 FT1-063	200	" floor	TAN MAS	H. Blk	12x12	FT	"

Sampled By: G. Lindsey Date: 9/4/14

Transported to: G. Lindsey Date: 9/4/14

Received By: KS Date: 9/5/14

CHECK ONE: ☒ SURVEY ☐ BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: \_\_\_\_\_

TOTAL NUMBER OF SAMPLES IN SURVEY: \_\_\_\_\_ Estimated at: \_\_\_\_\_

00

Em 9/11/14





## PLM & TEM BULK ASBESTOS REPORT

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/5/2014

**Job No:** 9991-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
WIG-064	67618	Area #7 Interior Window	Black Fibrous Window Glaze	Chrysotile 15%	15%	✓	Not Required	N/A	None Detected	85%
FT1-065	67619	Area #7 Floor	Magenta 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-066	67620	Area #7 Sink	Gray Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-067	67621	Area #7 Floor	Tan/Black Sheet Vinyl	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
FT1-068	67622	Area #7 Floor	Blue Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DUC-069	67623	Area #7 Duct Seams	Tan Duct Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-070	67624	Area #7 Floor	White/Black Streak Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SPK-071	67625	Area #7 Wall	White Spackle	None Detected	0%		Not Required	N/A	None Detected	100%
VBC-072	67626	Area #7AHU Connection	Tan Vibration Cloth	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
TAR-073	67627	Area #7 Floor in AHU	Black Tar	Chrysotile 8.7%	8.7%	✓	Not Required	N/A	None Detected	91.3%

**NVLAP**

Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/9/2014

TEM Date Analyzed: 9/15/2014

Microscope: Olympus BH-2 #232953

TEM Analyst: J. Peter Donato

Analyst: J. Peter Donato

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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9991-14 9/15/2014

# ENVOY

environmental consultants, Inc.

67 Ambrose St. Rochester, NY 14608

585.454.1060 \* Fax 585.454.1062

Client Mailing Address:

Eastman Business Parks

Job Ticket #: 76167

Project Location:

Hawkeye Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caufield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	9/5/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7100678528

Job #:	9991-114
Page	2 of 2
Date Logged In:	9/6/14
Logged In By:	LS
	104260C

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Triability
1 WLG-064	63618	Area #7 Int. window	-	Blk	-	WLG	MF
2 FT1-065	619	" Floor	-	Magenta	12x12	FT	"
3 VAS-066	620	" Sink	-	Gray	-	VAS	"
4 SVL-067	621X	" Floor	-	tan/Blk	-	SVL	"
5 FT1-068	622	" "	-	Blue Streak	12x12	FT	"
6 DUC-069	623	" Duct seams	-	tan	-	DOC	"
7 SVL-070	624	" Floor	-	Wht/Blk Streak	-	SVL	"
8 SPK-071	625	" Well	-	Wht	-	SPK	F
9 VBC-072	626X	" AHU Connection	-	tan	-	VBC	MF
10 TAR-073	627	" Floor in AHU	-	Blk	-	TAR	"

Sampled By: G. Lindsey	Date: 9/5/14	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULK ONLY <input type="checkbox"/>
Transported to Paradigm By: G. Lindsey	Date: 9/5/14	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:
Received By: KS	Date: 9/8/14	TOTAL NUMBER OF SAMPLES IN SURVEY: Estimated at





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: **Hawkeye Plant**  
Building 5  
Sample Date: **9/5/2014**

Job No: 9992-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
TAR-074	67628	Area #7 Floor in AHU	Black Tar	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
FT1-075	67629	Area #8 Floor	Light Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-076	67630	Area #8 On Wall Stud	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-077	67631	Area #8 Floor	Royal Blue Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SCT-078	67632	Area #8 Drop Ceiling (Pin/Fissure)	Gray Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%



Lab Code 200530-0  
for PLM Analysis

ELAP ID No.: 10958

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/9/2014

TEM Date Analyzed: 9/15/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: J. Peter Donato

Analyst: F. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

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# ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14609

585.454.1060 \* Fax 585.454.1062

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caulfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	9/5/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	71006678528

Job #:	9992-14
Page	2 of 2
Date Logged In:	9/8/14
Logged In By:	KS

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Friability
1	TAR-074	Area #7. Floor in AHU		Black		TAR	NF
2	FTI-075	Area #8 - Floor		Light Gray	12x12	Floor Tile	NF
3	MAS-076	- On Wall Studs		Tan		MASTIC	NF
4	SVC-077	- Floor		Royal Blue		Sheet Vinyl	NF
5	SCT-078	- Door Ceiling (Pull Fixture)		Gray	2x4	SCT Ceiling	F
6							
7							
8							
9							
10							

Sampled By:	G. Lindsey	Date:	9/5/14
Transported to:	G. Lindsey	Date:	9/5/14
Received By:	KS	Date:	9/8/14

CHECK ONE: ☒ SURVEY ☐ BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY: Estimated at





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/8/2014

Job No: 10058-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
CMF-079	68137	Area #9 Floor	Tan Carpet Mastic Floor	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
VBC-080	68138	Area #9 on AHU	Tan Fibrous Vibration Cloth	None Detected	0%		Not Required	N/A	Cellulose 95%	5%
MAS-081	68139	Area #9 Behind Foam Wall	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-082	68140	Area #9 Floor	Light Blue 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT9-083	68141	Area #9 Floor	Gray Fibrous 9"x9" Floor Tile	Chrysotile 24%	24%	✓	Not Required	N/A	None Detected	76%
FTM-084	68142	Area #9 Floor	Black Fibrous Floor Tile Mastic	Chrysotile 14%	14%	✓	Not Required	N/A	None Detected	86%
WGD-085	68143	Area #9 Door Window	Tan Window Glaze Door	Chrysotile 3.4%	3.4%	#	Not Required	N/A	None Detected	96.6%
SVL-086	68144	Area #10 Floor	Light Blue Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SCT-087	68145	Area #10 Drop Ceiling (Pin/Fissure)	Gray Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%
EPX-088	68146	Area #10 Floor	Tan Epoxy Floor	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**NVLAP**

Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/15/2014

TEM Date Analyzed: 9/15/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: M. Lochner

Analyst: F. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

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# ENVOY

environmental consultants, Inc.

57 Amherst St, Rochester, NY 14608

585.454.1060 \* Fax 585.454.1062

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76168

Project Location:

Hawkeye Plazette

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Cuffield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	9/8/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7606678528

Job #:	10058-14
Page	1 of 2
Date Logged In:	9/8/14
Logged In By:	RL

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Fractility
1 CAF-074	68137	Area #9 Floor	-	tan	-	CAF	VF
2 VBC-080	138	" " on AHU	-	"	-	VBC	"
3 MAS-081	139	" " behind Room wall	-	"	-	MAS	"
4 FT4-082	140	" " Floor	-	lt. Blue streak	12x12	FT	"
5 FT4-083	141	" " "	-	Grey	4x4	"	"
6 FT4-084	142	" " "	-	Blk	-	FT4	"
7 WGD-085	143	" " Doors window	-	tan	-	WGD	"
8 SNL-086	144	Area #10 Floor	-	lt. Blue	-	SNL	"
9 SCT-087	145	" " Discontinuity (P.H.S.)	-	Grey	2x4	SCT	"
10 EXX-088	146	" " Floor	-	tan	-	EXX	"

Sampled By:	G. Lindsey	Date:	9/8/14
Transported to:	G. Lindsey	Date:	9/8/14
Received By:	RL	Date:	9/8/14

CHECK ONE: ☒ SURVEY ☐ BULK ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: \_\_\_\_\_

TOTAL NUMBER OF SAMPLES IN SURVEY: \_\_\_\_\_ Estimated at \_\_\_\_\_





## PLM & TEM BULK ASBESTOS REPORT

Job No: 10059-14  
Page: 1 of 2

**NVLAP<sup>®</sup>**

**ELAP ID No.: 10958**

Mary Dohr

10059-14 10/31/2014

# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

585.454.1080 \* Fax 585.454.1082

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76168

Project Location:

Hewlett Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caufield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	timothy.caufield@kodak.com
Date Sampled:	9/8/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St Paul St.	Project Number:	21006678528

Job #:	10059-14
Page	2 of 2
Date Logged In:	9/8/14
Logged In By:	KLK

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Friability
1	EPX-084	68147	Area #10	Floor			
2							
3							
4							
5							
6							
7							
8							
9							
10							

Sampled By:	G. Lindsey	Date:	9/8/14
Transported to	G. Lindsey	Date:	9/8/14
Received By:	K. W.	Date:	9/8/14

C0

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CHECK ONE:

SURVEY

☒

BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS

or provide TEM contact name:

TOTAL NUMBER OF SAMPLES IN SURVEY:

Estimated at





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/9/2014

Job No: 10150-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
WGD-090	68650	Area #11 Door Window	Black Window Glaze Door	Chrysotile 1.4%	1.4%	✓	Not Required	N/A	None Detected	98.6%
DUC-091	68651	Area #11 Duct Seam	Tan Duct Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CRC-092	68652	Area #11 Janitor Floor	Gray Ceramic Tile Cement	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
GRT-093	68653	Area #11 Janitor Floor	Gray Grout	None Detected	0%		Not Required	N/A	Cellulose <1.0%	100%
SCT-094	68654	Area #11 Drop Ceiling (Spec)	Gray Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%
SCT-095	68655	Area #11 Drop Ceiling (Texture)	Gray Fibrous 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%
SCT-096	68656	Area #11 Drop Ceiling	Gray Fibrous 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%
WIG-097	68657	Area #11 Interior Windows	Gray Fibrous Window Glaze	Chrysotile 13%	13%	✓	Not Required	N/A	None Detected	87%
WIG-098	68658	Area #11 Interior Windows	Gray Fibrous Window Glaze	Chrysotile 16%	16%	✓	Not Required	N/A	None Detected	84%
SPK-099	68659	Area #12 Wall	White Spackle	None Detected	0%		Not Required	N/A	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

ELAP ID No.: 10958

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/18/2014

TEM Date Analyzed: 9/19/2014

Microscope: Olympus BH-2 #235757

TEM Analyst: F. Weinman

Analyst: B. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

10150-14 9/19/2014

# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

505.454.1080 • Fax 505.454.1082

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76169

Project Location:

Hewlett Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

## OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caufield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	9/9/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	54. Deal St.	Project Number:	7100678528

Job #:	10150-14
Page	2
Date Logged In:	9/11/14
Logged In By:	KS

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Feasibility
1	WLD-010	Asc #11	-	Blk	-	WLD	NR
2	DUC-041	"	-	tan	-	DUC	"
3	CRC-042	"	-	Gr	-	CRC	"
4	GRT-043	"	-	"	-	GRT	"
5	SET-044	"	-	Gr	2x4	SET	"
6	SET-045	"	-	"	2x2	"	"
7	SET-046	"	-	"	"	"	"
8	WLG-047	"	-	Gr	-	WLG	"
9	WLG-048	"	-	"	-	"	"
10	SPK-049	Asc #12	-	Wht	-	SPK	"

CO

nta

Sampled By:	G. Lindsey	Date:	9/9/14
Transported to:	G. Lindsey	Date:	9/9/14
Received By:	KS	Date:	9/11/14

CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>
------------	--	-------------------------------------

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS	<input checked="" type="checkbox"/>
--	-------------------------------------

or provide TEM contact name:	
------------------------------	--

TOTAL NUMBER OF SAMPLES IN SURVEY:	Estimated at
------------------------------------	--------------





## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/9/2014

Job No: 10151-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-100	68660	Area #12 Floor	Gray Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-101	68661	Area #12 Floor	Gray Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-102	68662	Area #12 Computer Room Floor	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-103	68663	Area #12 Computer Room Floor	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SCT-104	68664	Area #12 Drop Ceiling (Laminate)	Gray Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 60%	40%
CMW-105	68665	Area #12 Wall	Tan Carpet Mastic Wall	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WGH-106	68666	Area #12 Hauserman Window	Gray Window Glaze Above Hauserman	Chrysotile 5.2%	5.2%	✓	Not Required	N/A	None Detected	94.8%



Lab Code 200530-0  
for PLM Analysis

ELAP ID No.: 10958

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/18/2014

TEM Date Analyzed: 9/19/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

10151-14 9/19/2014



# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

585.454, 1080 • Fax 585.454, 1082

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: <b>Kodak</b>		Contact: <b>Tim Caulfield</b>	
Phone Number: <b>781-0281</b>		SEND ANALYTICAL DATA TO CLIENT: YES <input type="checkbox"/> NO <input type="checkbox"/>	
Email Results To Inspector: <b>G. Lindsey</b>		Fax Number or email address: <b>timothy.caulfield@kodak.com</b>	
Date Sampled: <b>9/5/14</b>		Turn Around Time: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> Immed <input type="checkbox"/>	
Project Address: <b>St. Paul St.</b>		Project Number: <b>200678528</b>	
Client Mailing Address: <b>Eastman Business Park</b>		Job #: <b>10151-14</b>	
Job Ticket #: <b>76169</b>		Page <b>2</b> of <b>2</b>	
Project Location: <b>Hewlett Plant</b>		Date Logged In: <b>9/11/14</b>	
		Logged In By: <b>KS</b>	

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Reliability
1	FT-100	686600		Grey Spec	12x12	FT	ut
2	FT-101	6661		"	"	"	"
3	MAS-102	6662		tan	-	MAS	"
4	MAS-103	6663		"	-	"	"
5	SET-104	6664		Grey	2x1	SET	"
6	CMS-105	6665		tan	-	CMS	"
7	WGH-106	6666		Grey	-	WGH	"
8							
9							
10							

General Location: **Bldg. 5**

Sampled By: **G. Lindsey** Date: **9/4/14**

Transported to: **G. Lindsey** Date: **9/5/14**

Received By: **KS** Date: **9/11/14**

CHECK ONE: ☒ SURVEY ☐ BULKS ONLY

CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name: ☐

TOTAL NUMBER OF SAMPLES IN SURVEY:

Estimated at:



## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/9/2014

Job No: 10152-14  
Page: 1 of 3

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-107	68667	Area #12 Floor	Brown 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-108	68668	Area #12 Floor	Brown 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-109	68669	Area #13 Behind Foam Wall Panel	Gray Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WGH-110	68670	Area #13 Hauserman Window	Gray Window Glaze Above Hauserman	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-111	68671a	Area #14 Floor	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 2%	98%
SVL-111	68671b	Area #14 Floor	Beige Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-112	68672a	Area #14 Floor	White/Blue Spec Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 2%	98%
SVL-112	68672b	Area #14 Floor	Beige Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-113	68673	Area #14 Floor	Gray Stone Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-114	68674	Area #14 Floor	Gray Stone Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**NVLAP**

Lab Code 200530-0  
for PLM Analysis

ELAP ID No.: 10958

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/18/2014

TEM Date Analyzed: 9/19/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

Laboratory Results Approved By:  
Asbestos Technical Director

Mary Dohr

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10152-14 9/19/2014



## ***PLM & TEM BULK ASBESTOS REPORT***

**Client:** Kodak  
**Location:** Hawkeye Plant  
Building 5

Job No: 10152-14

Page: 2 of 3

**Sample Date:** 9/9/2014

[illegible]

Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

√ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/18/2014

TEM Date Analyzed: 9/19/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: *F. Weinman*

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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10152-14 9/19/2014

# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14609

505.454.1090 \* Fax 505.454.1092

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76170

Project Location:

Hewlett Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client:	Kodak	Contact:	Tim Caulfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsay	Fax Number or email address:	
Date Sampled:	9/10/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	7000678528

Job #:	10152-14
Page	2 of 2
Date Logged In:	9/11/14
Logged In By:	KS
	384300

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Friability
1	FT1-107	68667	Area 12	floor	Brown	12x12	FT
2	FT1-108	668	"	"	"	"	"
3	MAS-109	669	Area #13	behind foam wall panel	Grey	"	Grey
4	W6H-110	670	"	Housesmen window	tan	"	W6H
5	SVL-111	671AB	Area #14	Floor	Blue spec	"	SVL
6	SVL-112	672AB	"	"	"	"	"
7	SVL-113	673	"	"	Grey stone	"	"
8	SVL-114	674	"	"	"	"	"
9	FT1-115	675AB	"	"	wh+	12x12	FT
10							

Sampled By:	G. Lindsay	Date:	9/10/14
Transported to:	G. Lindsay	Date:	9/10/14
Received By:	KS	Date:	9/11/14

CHECK ONE:	SURVEY <input checked="" type="checkbox"/>	BULKS ONLY <input type="checkbox"/>
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS		
or provide TEM contact name:		
TOTAL NUMBER OF SAMPLES IN SURVEY:		
Estimated at:		



## **PLM & TEM BULK ASBESTOS REPORT**

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/11/2014

Job No: 10240-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
CMM-116	69217	Area 15 Cove Base	Brown Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	Trace Chrysotile <1.0%	<1.0%	None Detected	100%
FT1-117	69218	Area 15 Floor	White/Blue Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FTM-118	69219	Area 15 Floor	Tan Floor Tile Mastic	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✓	N/A	N/A	N/A	N/A
FT1-119	69220	Area 15 Floor	White/Blue Spec 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
INS-120	69221	Area 16 Base of AHU	Gray Fibrous Insulation	Chrysotile 67%	67%		Not Required	N/A	None Detected	33%
INS-121	69222	Area 16 Base of AHU	Gray Fibrous Insulation	Chrysotile 67%	67%		Not Required	N/A	None Detected	33%
INS-122	69223	Area 16 Base of AHU	Gray Fibrous Insulation	Chrysotile 57%	57%		Not Required	N/A	None Detected	43%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/21/2014

TEM Date Analyzed: 9/23/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

508.454.1080 \* Fax 508.454.1082

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

## OFFICE USE ONLY

Client: <b>Kodak</b>		Contact: <b>Tim Caulfield</b>	
Phone Number: <b>781-0281</b>		SEND ANALYTICAL DATA TO CLIENT: YES <input type="checkbox"/> NO <input type="checkbox"/>	
Email Results To Inspector: <b>G. Lindsay</b>		Fax Number or email address:	
Date Sampled: <b>9/11/14</b>		Turn Around Time: <b>1</b> <input type="checkbox"/> <b>2</b> <input type="checkbox"/> <b>3</b> <input type="checkbox"/> <b>5</b> <input checked="" type="checkbox"/> <b>Immed</b> <input type="checkbox"/>	
Project Address: <b>St. Paul St.</b>		Project Number: <b>7100678528</b>	
Client Mailing Address: <b>Eastman Business Park</b>		Job #: <b>10240-14</b>	
Job Ticket #: <b>76171</b>		Page <b>1</b> of <b>4</b>	
Project Location: <b>Hewlett Plant</b>		Date Logged In: <b>9/12/14</b>	
		Logged In By: <b>TCB</b>	

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1	Cum-116	Area 15	-	Brown	-	Cum	mt
2	FT1-117	"	-	Wht/Blue spec 12x12	-	FT	"
3	FT1-118	"	-	tan	-	FT	"
4	FT1-119	"	-	Wht/Blue spec 12x12	-	FT	"
5	INS-120	Area 16	-	Grey	-	INS	"
6	INS-121	"	-	"	-	"	"
7	INS-122	"	-	"	-	"	"
8							
9							
10							

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mta

Sampled By: <b>G. Lindsay</b>	Date: <b>9/11/14</b>	CHECK ONE: <input checked="" type="checkbox"/> SURVEY <input type="checkbox"/> BULK ONLY
Transported to	Date: <b>9/11/14</b>	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS
Paradigm By: <b>G. Lindsay</b>	Date: <b>9/12/14</b>	or provide TEM contact name:
Received By: <b>K. TCB</b>	Date: <b>9/12/14</b>	TOTAL NUMBER OF SAMPLES IN SURVEY: <b>1</b>
		Estimated at <b>1</b>



## ***PLM & TEM BULK ASBESTOS REPORT***

**Client:** **Kodak**  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/12/2014

**Job No:** 10241-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
FT1-123	69224	Area #1 Floor	Black 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACT-124	69225	Area #1 Ceiling Deck	Tan 1'x1' Adhered Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
CTM-125	69226	Area #1 Ceiling Deck	Brown Ceiling Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Wollastonite 2%	98%
EXJ-126	69227	Area #1 Wall Base	Light Gray Expansion Joint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-127	69228	Area #1 Floor	Dark Gray 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FTM-128	69229	Area #1 Floor	Shiny Black Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-129	69230	Area #1 Behind Foam in AHU	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DUC-130	69231	Area #1 Duct Seam	Gray Duct Caulk	<1.0% Residue Remaining, PLM and TEM Not Required	N/A	✓	N/A	N/A	N/A	N/A
MAS-131	69232	Area #1 Under Sink	Brown Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CMM-132	69233	Area #1 Cove Base	Tan Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/22/2014

TEM Date Analyzed: 9/23/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, Inc.

67 Anthony St, Rochester, NY 14603

585.454.1080 \* Fax 585.454.1082

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76172

Project Location:

Hewlett Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client:	Kodak	Contact:	Tim Cuffield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsay	Fax Number or email address:	
Date Sampled:	9/12/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	St. Paul St.	Project Number:	71006678528

Job #:	10241-14
Page	2 of 4
Date Logged In:	9/12/14
Logged In By:	TKB

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Fractility
1	FT-123	Area #1	-	Blk	12x12	FT	25
2	ACT-124	"	-	tan	1x1	ACT	"
3	CTM-125	"	-	Bwn	-	CTM	"
4	EXJ-126	"	-	lt. Gray	-	EXJ	"
5	FT1-127	"	-	Dk. Gray	12x12	FT	"
6	FTM-128	"	-	shiny Blk	-	FTM	"
7	MAS-129	"	-	tan	-	MAS	"
8	DUC-130	"	-	Gray	-	DUC	"
9	MAS-131	"	-	Bwn	-	MAS	"
10	CM-132	"	-	tan	-	CM	"

Sampled By: G. Lindsay Date: 9/12/14

Transported to: C. Lindsay Date: 9/12/14

Received By: R. K. Date: 9/12/14

Estimated at: ☐





## **PLM & TEM BULK ASBESTOS REPORT**

**Client:** **Kodak**  
**Location:** Hawkeye Plant  
Building 5  
**Sample Date:** 9/12/2014

**Job No:** 10242-14  
**Page:** 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
CRM-133	69234	Area #2 Wall (Bathroom)	Brown Ceramic Tile Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-134	69235	Area #2 Janitor's Closet Floor	Gold 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
MAS-135	69236	Area #2 Floor Seam	Tan Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Wollastonite 2%	98%
SVL-136	69237	Area #2 Clean Room Floor	Pink/Black Fibrous Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 10%	90%
SVL-137	69238	Area #2 Clean Room Floor	Pink/Black Fibrous Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 10%	90%
SVL-138	69239	Area #2 Lab Floor	Gray/Black Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
WPL-139	69240	Area #6 Column Wall	White Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
WPL-140	69241	Area #6 Column Wall	Gray Wall Plaster	None Detected	0%		Not Required	N/A	None Detected	100%
FT1-141	69242	Area #7 Floor	Magenta 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-142	69243	Area #7 Floor	Tan/Black Fibrous Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	Fiberglass 10%	90%



Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

⚠ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/22/2014

TEM Date Analyzed: 9/23/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

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# ENVOY

environmental consultants, Inc.

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## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

## OFFICE USE ONLY

Client:	Kodak	Contact:	Tim Caulfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsey	Fax Number or email address:	
Date Sampled:	9/12/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 10 <input type="checkbox"/> 15 <input type="checkbox"/> 30 <input type="checkbox"/> 60 <input type="checkbox"/> 90 <input type="checkbox"/> 120 <input type="checkbox"/> 180 <input type="checkbox"/> 240 <input type="checkbox"/> 360 <input type="checkbox"/> 720 <input type="checkbox"/> 1440 <input type="checkbox"/> 2880 <input type="checkbox"/> 5760 <input type="checkbox"/> 11520 <input type="checkbox"/> 23040 <input type="checkbox"/> 46080 <input type="checkbox"/> 92160 <input type="checkbox"/> 184320 <input type="checkbox"/> 368640 <input type="checkbox"/> 737280 <input type="checkbox"/> 1474560 <input type="checkbox"/> 2949120 <input type="checkbox"/> 5898240 <input type="checkbox"/> 11796480 <input type="checkbox"/> 23592960 <input type="checkbox"/> 47185920 <input type="checkbox"/> 94371840 <input 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## PLM & TEM BULK ASBESTOS REPORT

Client: **Kodak**  
Location: Hawkeye Plant  
Building 5  
Sample Date: 9/12/2014

Job No: 10243-14  
Page: 1 of 2

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
SVL-143	69244	Area #7 Floor	White/Black Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
FT1-144	69245	Area #7 Floor	Light Blue Streak 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-145	69246a	Area #10 Floor	Light Blue Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-145	69246b	Area #10 Floor	Black Sheet Vinyl Mastic	Inconclusive No Asbestos Detected	0%	✓	Chrysotile 1.9%	1.9%	Fiberglass 1%	97.1%
CMM-146	69247	Area #6 Cove	White Cove Molding Mastic	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
CMW-147	69248	Area #12 Wall	Tan Carpet Mastic Wall	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
SVL-148	69249	Area #8 Floor	Royal Blue Sheet Vinyl	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**NVLAP**

Lab Code 200530-0  
for PLM Analysis

**ELAP ID No.: 10958**

✓ This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 and/or EPA 600/R-93/116 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.").

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

# denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 9/22/2014

TEM Date Analyzed: 9/23/2014

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

**Laboratory Results Approved By:**  
**Asbestos Technical Director**

Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

# ENVOY

environmental consultants, Inc.

57 Ambrose St, Rochester, NY 14608

585.454.1080 • Fax 585.454.1082

Client Mailing Address:

Eastman Business Park

Job Ticket #: 76172

Project Location:

Hawkeye Plant

## CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

Client:	Kodak	Contact:	Tim Casfield
Phone Number:	781-0281	SEND ANALYTICAL DATA TO CLIENT:	YES <input type="checkbox"/> NO <input type="checkbox"/>
Email Results To Inspector:	G. Lindsay	Fax Number or email address:	
Date Sampled:	9/12/14	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Immed <input type="checkbox"/>
Project Address:	54. Pool St.	Project Number:	7100678528

Job #:	10243-14
Page	2 of 2
Date Logged In:	9/12/14
Logged In By:	TKB
	4 of 4 coc

Client ID	Lab ID	Impiling Location	Do not Analyze	Color	Size	Material	Frictility
1 SVL-143	69244	Area #7	-	wht/blk	-	SVL	wt
2 FTI-144	245	Area #9	-	lt. Blue streak	12x12	FT	"
3 SVL-145	246AB	Area #10	-	lt. Blue	-	SVL	"
4 BAm-146	247	Area #6	-	wht	-	cmw	"
5 CMW-147	248	Area #12	-	tan	-	cmw	"
6 SVL-148	249	Area #8	-	royal blue	-	SVL	"
7							
8							
9							
10							

CO

nta

Sampled By:	G. Lindsay	Date:	9/12/14
Transported to:	G. Lindsay	Date:	9/12/14
Received By:	TKB	Date:	9/12/14

CHECK ONE:	SURVEY	BULKS ONLY
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS		
or provide TEM contact name:		
TOTAL NUMBER OF SAMPLES IN SURVEY:		Estimated at

OFFICE USE ONLY

# Certifications

**New York State – Department of Labor**

Division of Safety and Health  
License and Certificate Unit  
State Campus, Building 12  
Albany, NY 12240

**ASBESTOS HANDLING LICENSE**

Envoy Environmental Consultants Inc.

57 Ambrose Street

Rochester, NY 14608

FILE NUMBER: 02-0527

LICENSE NUMBER: 28451

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 06/04/2014

EXPIRATION DATE: 06/30/2015

Duly Authorized Representative – Paul Mahoney:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.



Eileen M. Franko, Acting Director  
For the Commissioner of Labor



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2015  
Issued April 01, 2014

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. BRUCE HOGGESTEGER  
PARADIGM ENVIRONMENTAL SERVICES INC  
179 LAKE AVENUE  
ROCHESTER, NY 14608

NY Lab Id No: 10958

is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:

**Miscellaneous**

Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Lead in Dust Wipes	EPA 6010C
Lead in Paint	EPA 6010C

**Sample Preparation Methods**

EPA 3050B  
APP. 14.2, HUD JUNE 1995

Serial No.: 50447

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 485-5570 to verify the laboratory's accreditation status.



**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Paradigm Environmental Services, Inc.**

179 Lake Avenue

Rochester, NY 14608

Ms. Rebecca Roztocil

Phone: 585-647-2530 Fax: 585-647-3311

E-Mail: [RRoztocil@paradigmenv.com](mailto:RRoztocil@paradigmenv.com)

URL: <http://www.paradigmenv.com>

**BULK ASBESTOS FIBER ANALYSIS (PLM)**

**NVLAP LAB CODE 200530-0**

***NVLAP Code Designation / Description***

18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

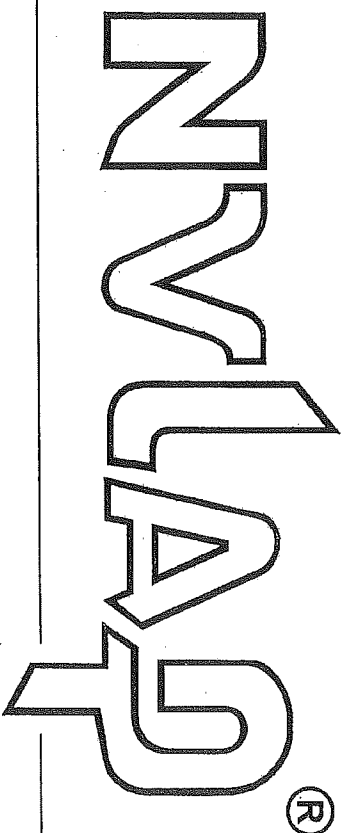
2014-07-01 through 2015-06-30

*Effective dates*

A handwritten signature in black ink, appearing to read "William R. M. L.", positioned above a horizontal line.

*For the National Institute of Standards and Technology*

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2005**

NVLAP LAB CODE: 200530-0

**Paradigm Environmental Services, Inc.**  
Rochester, NY

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**BULK ASBESTOS FIBER ANALYSIS**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2014-07-01 through 2015-06-30

*Effective dates*



*For the National Institute of Standards and Technology*

*[Signature]*  
**E. M. L.**

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE

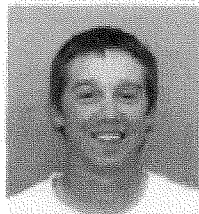


**GREGORY F LINDSAY**  
CLASS(EXPIRES)  
C ATEC(04/14) D INSP(04/15)  
H PM (04/15)

CERT# 06-08692  
DMV# 484160808

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**JARROD D MINER**  
CLASS(EXPIRES)  
C ATEC(06/15) D INSP(06/15)  
H PM (06/15)

CERT# 10-00223  
DMV# 815680111

MUST BE CARRIED ON ASBESTOS PROJECTS