

**LIMITED PRE-RENOVATION
ASBESTOS INSPECTION REPORT
BUILDING 111 RADIATION ONCOLOGY EXPANSION**

VA PROJECT #695-10-131

**SITE:
VA MEDICAL CENTER
BUILDING 111
5000 WEST NATIONAL AVENUE
WEST MILWAUKEE, WISCONSIN**

**PREPARED FOR:
MR. DAN BECKER
PROJECT MANAGER
PLUNKETT RAYSICH ARCHITECTS, LLP
110000 WEST PARK PLACE
MILWAUKEE, WI 53224**

PREPARED BY:



www.thesigmagroup.com

1300 West Canal Street
Milwaukee, WI 53233
414-643-4200

PROJECT REFERENCE #12690

MARCH 2012

This document contains confidential information which is the sole and exclusive property of Sigma Environmental Services, Inc. and CLIENT. This document shall not be duplicated in any manner except in full without the express written consent of Sigma Environmental Services, Inc.

Copyright, SIGMA ENVIRONMENTAL SERVICES, INC.

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION	1
2. BACKGROUND	1
3. ASBESTOS SAMPLE COLLECTION AND ANALYSIS PROCEDURES.....	1
4. SUMMARY OF RESULTS	2
5. REGULATORY DISCUSSION	2
6. RECOMMENDATIONS	3
7. QUALIFICATIONS OF REPORT	3
8. STATE AND LOCAL REPORTING REQUIREMENTS	5

Tables

- 1 Summary of Building Materials (Sorted by Building and Material Code)
- 2 Summary of Building Materials (Sorted by Building and Material Code and Room)
- 3 Summary of Building Materials (Sorted by Building and Room)
- 4 Summary of Asbestos-Containing Building Materials (Sorted by Building and Material Code)
- 5 Bulk Material Sample Summary (Sorted by Building and Sample Number)
- 6 Bulk Material Sample Summary (Sorted by Building and Material Code)

Figures

- 1 Partial Demolition Plan – Oncology/Linear Accelerator Suite

Appendices

- A. Credentials – Wisconsin Certified Asbestos Inspector
- B. Certificate of Analysis
- C. Photo Documentation

1. INTRODUCTION

Plunkett Raysich Architects, LLP (PRA) retained Sigma Environmental Services, Inc. (Sigma) to perform a pre-renovation asbestos inspection as part of the of the Radiation Oncology Expansion project inside Building 111 of the Veterans Administration Medical Center (VAMC) located at 5000 West National Avenue, West Milwaukee, Wisconsin. The asbestos inspection services are described in Sigma's proposal, dated August 12, 2011. The asbestos inspection included visual observation, material sampling, and laboratory analysis of suspect asbestos-containing building materials (ACBM).

State of Wisconsin certified asbestos inspectors, Mr. Dale Armbruster (All-156285) and Mr. Tom McCoy (All-117261), performed the limited pre-renovation asbestos inspection between February 7 and 8, 2012. Appendix A provides a copy of Mr. Armbruster's and Mr. McCoy's asbestos inspection certification cards. This limited pre-renovation asbestos inspection was performed in substantial compliance with the United States Environmental Protection Agency's (USEPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) asbestos regulations (40 CFR 61, Subpart M) and the Wisconsin Department of Natural Resources (WDNR) Control of Asbestos Emissions (WAC Chapter NR 447) inspection and sampling requirements with the exception of items and/or areas listed in the Qualifications of Report section.

The Radiation Oncology Department was occupied at the date and time of the inspection. A partial demolition figure indicating the existing floor layout and architectural room numbers dated December 29, 2011 was provided to Sigma prior to the start of the inspection.

2. BACKGROUND

Pre-renovation asbestos inspections are required by the USEPA NESHAP regulations provided in 40 CFR 61 and the WDNR Control of Asbestos Emissions defined in Chapter NR 447. The VAMC is required to perform a thorough asbestos inspection of the affected facility or part of the facility where the renovation operation will occur prior to the commencement of the renovation.

3. ASBESTOS SAMPLE COLLECTION AND ANALYSIS PROCEDURES

Between February 7 and 8, 2012, Sigma visually inspected building materials and obtained representative samples from each identified homogeneous material of suspect ACBM with the exception of items listed in the Qualifications of Report section. The samples were submitted under chain of custody to International Asbestos Testing Laboratories, Inc. (IATL) in Mount Laurel, New Jersey for asbestos analysis. IATL is a National Voluntary Laboratory Accreditation Program (NVLAP) and American Industrial Hygiene Association (AIHA) approved laboratory. Samples were analyzed using Polarized Light Microscopy (PLM) coupled with Dispersion Staining as outlined in the USEPA's, *"Method for the Determination of Asbestos in Bulk Building Material (EPA-600/R93/116)"*. Samples identified using PLM analysis with less than 10 percent asbestos content were point counted in accordance with EPA-600/R-93/116.

4. SUMMARY OF RESULTS

ACBM was identified within the limits of renovation as defined in the figures. Homogenous materials defined as ATC or POS in the tables were either assumed to contain asbestos or determined to contain greater than one percent asbestos fiber concentration estimated visually by PLM analysis and are therefore classified as ACBM (WDNR definition). Finally, materials determined not to contain asbestos are defined as NEG.

Tables 1 through 6 provide the inspection material inventory, analytical results, and summary of materials identified or assumed to be ACBM. Figure 1 provides the floor plans and extent of inspection. A copy of the **preliminary** asbestos Certificate of Analysis is provided in Appendix B. Photo documentation of each sample is provided in Appendix C.

5. REGULATORY DISCUSSION

The USEPA, WDNR, and Occupational Safety and Health Act (OSHA) regulate activities involving asbestos. The following provides a brief summary of the requirements specific to asbestos.

USEPA and WDNR

The NESHAP regulations authorized under the Clean Air Act and administered by the USEPA and the WDNR cover a wide variety of substances, including asbestos. NESHAP defines ACBM that must be removed prior to demolition and/or renovation and those ACBMs that can remain.

In addition to the requirements stated below, a trained individual knowledgeable with the requirements of 40 CFR Part 61, Subpart M must be onsite during demolition and/or renovation activities and be available during normal business hours. If any ACBM material becomes damaged or rendered friable during demolition and/or renovation, proper abatement measures must be immediately initiated by appropriately trained State of Wisconsin certified abatement personnel. Wisconsin Administrative Code Chapter NR 447 defines requirements for the disposal of wastes containing asbestos.

Friable

Friable asbestos material is defined as a material containing more than one percent asbestos that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Category I

Non-friable Category I ACM is generally defined as packings, gaskets, resilient floor covering, and asphalt roofing containing more than one percent asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Category II

Non-friable Category II ACBM is defined as any material, excluding Category I non-friable ACM, containing more than one percent asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

RACM

Regulated Asbestos Containing Material (RACM) is defined by the NESHAP as:

- Friable asbestos material; or
- Category I nonfriable ACM that has become friable; or
- Category I nonfriable ACM that will be or has been subject to sanding, grinding, cutting or abrading; or
- Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations

With limited exceptions, Section NR 447.08 of the Wisconsin Administrative Code generally requires that all RACM be removed from a facility being demolished or renovated before any activity that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.

OSHA

OSHA regulates employee exposure to hazardous conditions. 29 Code of Federal Regulations (CFR) 1926 regulates employee exposure to hazardous substances in the construction industry. 29 CFR 1926.1101 regulates activities which may impact materials containing asbestos. OSHA defines asbestos as chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos, and any of these minerals that have been chemically treated and/or altered. While materials determined to contain asbestos at less than one percent are not classified as ACM and are therefore not regulated by the USEPA and WDNR, OSHA does regulate activities involving these materials.

6. RECOMMENDATIONS

Materials determined by laboratory analysis or assumed to contain greater than one percent asbestos were identified within the limits of inspection. The materials determined or assumed to contain greater than one percent asbestos are summarized in Table 4.

Sigma recommends that the Owner and/or Operator review the summary of identified or assumed ACM provided in Table 4 and the narrative above in order to determine which materials require removal prior to renovation activities. Sigma also recommends that the Owner and/or Operator be aware of the OSHA requirements for activities involving materials containing greater than and equal to or less than one percent asbestos. Additional recommendations are provided in the Qualifications of Report section provided below.

7. QUALIFICATIONS OF REPORT

The findings and recommendations included herein are based on information obtained during the site visit and from previous experience. The limitations of the report and recommended actions are as follows:

1. The material condition assessment reflects conditions at the date and time of the inspection. Material conditions may change due to age, use, maintenance, and other building conditions.

It is recommended that the ACBM material condition be assessed immediately prior to initiating renovation and/or demolition activities.

2. Homogeneous material samples were collected from reasonably accessible areas only. Destructive investigation methods **were not** employed to identify additional materials not readily visible. During abatement, demolition, renovation, and/or further inspection, a potential exists for encountering asbestos and/or other hazardous materials not previously identified to become revealed.

It is recommended that there is one individual on-site during abatement and demolition that is designated as a "Competent Person". At a minimum, this individual shall be a State of Wisconsin certified asbestos supervisor familiar with applicable asbestos and hazardous material related regulations; have the experience to recognize potential work crew and environmental exposures; institute proper personal protective equipment and personnel monitoring as necessary; have the authority to stop work; and meet training requirements established by the State of Wisconsin. Discovery of suspect asbestos and/or other hazardous materials should be reported immediately to the Owner so that appropriate measures can be implemented. Further sampling of newly discovered materials may be required to confirm the presence of ACBM within walls and other areas that were not visible or reasonably accessible during the asbestos inspection.

3. Estimated quantities of ACBM should be considered a preliminary estimate of square footage, linear footage, or individual units for each identified ACBM. Accurate pricing for abating identified ACBMs will be best realized following the bidding of abatement activities to qualified contractors.

It is recommended that quantities of identified ACBMs be field verified by the abatement contractors bidding on the abatement activities.

4. In accordance with the terms of the August 12, 2011 proposal, the following floors, materials, building systems and/or areas were not evaluated for the presence of asbestos:

- The building electrical system(s) **was not** sampled for the presence of asbestos as it was energized at the time of the inspection;

The building electrical systems should be assumed to contain materials having greater than one percent asbestos or be further evaluated prior to conducting renovation and/or demolition activities.

5. Thermal system insulation and gray duct sealant were not sampled and analyzed for asbestos due to limited accessibility. These materials are assumed to contain greater than one percent asbestos and are designated as ATC.

6. A hard ceiling limited inspection of the ceiling area in room B0217. It was estimated that 40 thermal system insulation fittings are located in room B0217. It is possible that other hidden materials not previously identified or accessible are located above the hard ceiling.

The ceiling area in room B0217 should be further evaluated for suspect ACBM following removal of the hard ceiling prior to conducting renovation and/or demolition activities.

8. STATE AND LOCAL REPORTING REQUIREMENTS

The WDNR and the Department of Health Services (DHS) require notification (WDNR Form 4500-113) at least ten working days prior to asbestos abatement or demolition projects. The City of West Milwaukee should be consulted for applicability of additional local ordinances, codes, and permits.

TABLES

The inspection results are summarized in the following tables.

Table 1 – Summary of Building Materials (Sorted by Building and Material Code)

provides the material code, material description, asbestos classification (positive, negative, contains asbestos at less than one percent and is assumed to contain asbestos (ATC)), and estimated quantity for each positive or ATC ACBM.

Table 2 – Summary of Building Materials (Sorted by Building and Material Code and Room)

provides a comprehensive summary of all building materials identified and includes the material code, material description, room number, estimated quantity for each positive or ATC ACBM, asbestos classification (positive, negative, ATC), and category (Category I, Category II, or Friable) and condition (Fair, Good, or Poor) for each positive or ATC ACBM.

Table 3 – Summary of Building Materials (Sorted by Building and Room)

provides a comprehensive summary of all building materials identified on a room by room basis and includes the material code, material description, estimated quantity for each positive or ATC ACBM, asbestos classification (positive, negative, ATC), and category (Category I, Category II, or Friable) and condition (Fair, Good, or Poor) for each positive or ATC ACBM.

Table 4 – Summary of Asbestos-Containing Building Materials (Sorted by Building and Material Code)

provides a summary of all positive and ATC ACBM and includes the material code, material description, category (Category I, Category II, or Friable), room number(s), asbestos classification (positive, ATC), estimated quantity, and condition (Fair, Good, Poor).

Table 5 – Bulk Material Sample Summary (Sorted by Building and Sample Number)

provides a summary of bulk material samples in numerical order and includes the sample number, material code, material description, sample comments, building, sample location, and asbestos content (percentage, not detected (NEG), not analyzed (NA), point counted (PC)).

Table 6 – Bulk Material Sample Summary (Sorted by Building and Material Code)

provides a summary of bulk material samples in alphabetical order and includes the building, material code, material description, sample comments, sample number, sample location, and asbestos content (percentage, not detected (NEG), not analyzed (NA), point counted (PC)).

TABLE 1
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	ACM	Estimated Qty
MCM-1	CARPET MASTIC - GREEN	NEG	
MCM-2	CARPET MASTIC - CLEAR	NEG	
MCSC-1	CEILING SKIM COAT - WHITE	NEG	
MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE	NEG	
MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE	NEG	
MDS-1	DUCT SEALANT - LIGHT GRAY	ATC	2 sf
MDS-2	DUCT SEALANT - TAN	NEG	
MDS-3	DUCT SEALANT - WHITE	NEG	
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	NEG	
MEP-1	ELECTRICAL PANEL - GRAY	ATC	4 E
MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	NEG	
MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	POS	560 sf
MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	POS	600 sf
MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS	NEG	
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	NEG	
MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS	NEG	
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE	NEG	
MFS-1	FIRE PACKING - RED	NEG	
MSC-1	SINK LINING - WHITE	NEG	
MSC-2	SINK LINING - LIGHT GRAY	NEG	
MSC-3	SINK LINING - BLACK	ATC	4 sf
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	NEG	
MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED	NEG	
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	NEG	

Notes:
sf = Square Feet
lf = Linear Feet
E = Each

ATC = Assumed to contain asbestos
NEG = Asbestos content less than or equal to one percent
POS = Asbestos content greater than one percent

TABLE 1
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	ACM	Estimated Qty
MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES	NEG	
MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	NEG	
MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES	NEG	
MTWR	TOILET WAX RING	ATC	1 E
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	NEG	
MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK	NEG	
MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY	NEG	
MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN	NEG	
MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN	NEG	
TF5F	0-5" FITTING ON FIBERGLASS	ATC	46 E

Notes:
sf = Square Feet
lf = Linear Feet
E = Each

ATC = Assumed to contain asbestos
NEG = Asbestos content less than or equal to one percent
POS = Asbestos content greater than one percent

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MCM-1	CARPET MASTIC - GREEN	B0409		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MCM-2	CARPET MASTIC - CLEAR	B0217		NEG		
MCM-2	CARPET MASTIC - CLEAR	B0400		NEG		
MCM-2	CARPET MASTIC - CLEAR	B0406		NEG		
MCM-2	CARPET MASTIC - CLEAR	B0408		NEG		
MCM-2	CARPET MASTIC - CLEAR	B0421A		NEG		
MCM-2	CARPET MASTIC - CLEAR	COB11A		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MCSC-1	CEILING SKIM COAT - WHITE	B0217		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	B0400		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	B0401		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	B0409		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	B0421		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	COB10		NEG		
MCSC-1	CEILING SKIM COAT - WHITE	COB11A		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE	B0414		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE	B0414		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MDS-1	DUCT SEALANT - LIGHT GRAY	B0418	2 sf	ATC	Category II	Good

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MDS-2	DUCT SEALANT - TAN	B0408		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 1 of 6

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MDS-3	DUCT SEALANT - WHITE	B0217		NEG		
MDS-3	DUCT SEALANT - WHITE	B0408		NEG		
MDS-3	DUCT SEALANT - WHITE	COB10		NEG		
MDS-3	DUCT SEALANT - WHITE	COB11		NEG		

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0217		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0400		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0401		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0406		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0408		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0409		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0410		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0411		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0413		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0414		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0416		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0417		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0418		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0421		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	B0421A		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	COB10		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	COB11		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	COB11A		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 2 of 6

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MEP-1	ELECTRICAL PANEL - GRAY	B0411	2 E	ATC	Category II	Good
MEP-1	ELECTRICAL PANEL - GRAY	B0418	2 E	ATC	Category II	Good
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	B0401		NEG		
MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	B0416		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	B0217	560 sf	POS	Category I	Good
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	B0217	600 sf	POS	Category I	Good
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS	B0217		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	B0410		NEG		
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	B0417		NEG		
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	B0418		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS	B0411		NEG		
MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS	B0413		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 3 of 6

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE	B0421		NEG		
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE	COB10		NEG		
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE	COB11		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MFS-1	FIRE PACKING - RED	B0217		NEG		
MFS-1	FIRE PACKING - RED	B0400		NEG		
MFS-1	FIRE PACKING - RED	B0401		NEG		
MFS-1	FIRE PACKING - RED	B0408		NEG		
MFS-1	FIRE PACKING - RED	B0411		NEG		
MFS-1	FIRE PACKING - RED	B0414		NEG		
MFS-1	FIRE PACKING - RED	B0416		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSC-1	SINK LINING - WHITE	B0410		NEG		
MSC-1	SINK LINING - WHITE	B0417		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSC-2	SINK LINING - LIGHT GRAY	B0418		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSC-3	SINK LINING - BLACK	B0413	4 sf	ATC	Category II	Good
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	B0411		NEG		
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	B0413		NEG		
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	B0417		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 4 of 6

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED	B0418		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0400		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0401		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0406		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0408		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0410		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0414		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0421		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	B0421A		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	COB10		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	COB11		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES	B0409		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	B0217		NEG		
MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	COB11A		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES	B0217		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MTWR	TOILET WAX RING	B0414	1 E	ATC	Category I	Good

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 5 of 6

TABLE 2
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Material Code and Room
RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0400		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0406		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0408		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0410		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0416		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0418		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0421		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	B0421A		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	COB10		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	COB11		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	COB11A		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK	B0401		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY	B0409		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN	B0217		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN	B0217		NEG		
Material Code	Material Description	Room	Estimated Qty	ACM	Category	Condition
TF5F	0-5" FITTING ON FIBERGLASS	B0217	40 E	ATC	Friable	Good
TF5F	0-5" FITTING ON FIBERGLASS	COB11	6 E	ATC	Friable	Good

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 6 of 6

TABLE 3
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Room

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Room: B0217

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	560 sf	POS	Category I	Good
MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	600 sf	POS	Category I	Good
TF5F	0-5" FITTING ON FIBERGLASS	40 E	ATC	Friable	Good
MFS-1	FIRE PACKING - RED		NEG		
MCM-2	CARPET MASTIC - CLEAR		NEG		
MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN		NEG		
MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN		NEG		
MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		NEG		
MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MDS-3	DUCT SEALANT - WHITE		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		
MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES		NEG		

Room: B0400

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MFS-1	FIRE PACKING - RED		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MCM-2	CARPET MASTIC - CLEAR		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		

Room: B0401

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MCSC-1	CEILING SKIM COAT - WHITE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		NEG		
MFS-1	FIRE PACKING - RED		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK		NEG		

Notes:

f = Square Feet
lf = Linear Feet
E = Each

ATC = Assumed to contain asbestos
NEG = Asbestos content less than or equal to one percent
POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 1 of 5

TABLE 3
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Room

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Room: B0406

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MCM-2	CARPET MASTIC - CLEAR		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		

Room: B0408

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MCM-2	CARPET MASTIC - CLEAR		NEG		
MDS-2	DUCT SEALANT - TAN		NEG		
MDS-3	DUCT SEALANT - WHITE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFS-1	FIRE PACKING - RED		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		

Room: B0409

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		
MCM-1	CARPET MASTIC - GREEN		NEG		
MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY		NEG		

Room: B0410

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		NEG		
MSC-1	SINK LINING - WHITE		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		

Notes:

f = Square Feet
lf = Linear Feet
E = Each

ATC = Assumed to contain asbestos
NEG = Asbestos content less than or equal to one percent
POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 2 of 5

TABLE 3
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Room

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Room: B0411

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MEP-1	ELECTRICAL PANEL - GRAY	2 E	ATC	Category II	Good
MFS-1	FIRE PACKING - RED		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS		NEG		
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		NEG		

Room: B0413

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MSC-3	SINK LINING - BLACK	4 sf	ATC	Category II	Good
MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS		NEG		
MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		

Room: B0414

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MTWR	TOILET WAX RING	1 E	ATC	Category I	Good
MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE		NEG		
MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFS-1	FIRE PACKING - RED		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		

Room: B0416

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MFS-1	FIRE PACKING - RED		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 3 of 5

TABLE 3
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Room

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Room: B0417

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		NEG		
MSC-1	SINK LINING - WHITE		NEG		
MSCT-1	SUSPENDE CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		

Room: B0418

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MDS-1	DUCT SEALANT - LIGHT GRAY	2 sf	ATC	Category II	Good
MEP-1	ELECTRICAL PANEL - GRAY	2 E	ATC	Category II	Good
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		NEG		
MSC-2	SINK LINING - LIGHT GRAY		NEG		
MSCT-2	SUSPENDE CEILING TILE - 2X2 FOOT: WHITE TEXTURED		NEG		

Room: B0421

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MSCT-3	SUSPENDE CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		NEG		

Room: B0421A

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MCM-2	CARPET MASTIC - CLEAR		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MSCT-3	SUSPENDE CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		

Notes:

f = Square Feet

lf = Linear Feet

E = Each

ATC = Assumed to contain asbestos

NEG = Asbestos content less than or equal to one percent

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 4 of 5

TABLE 3
SUMMARY OF BUILDING MATERIALS
Sorted by Building and Room

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Room: COB10

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MDS-3	DUCT SEALANT - WHITE		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		

Room: COB11

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
TF5F	0-5" FITTING ON FIBERGLASS	6 E	ATC	Friable	Good
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		NEG		
MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		NEG		
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MDS-3	DUCT SEALANT - WHITE		NEG		

Room: COB11A

Material Code	Material Description	Estimated Qty	ACM	Category	Condition
MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		NEG		
MCM-2	CARPET MASTIC - CLEAR		NEG		
MCSC-1	CEILING SKIM COAT - WHITE		NEG		
MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		NEG		
MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		NEG		

Notes:

f = Square Feet
lf = Linear Feet
E = Each

ATC = Assumed to contain asbestos
NEG = Asbestos content less than or equal to one percent
POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 5 of 5

TABLE 4
SUMMARY OF ASBESTOS-CONTAINING BUILDING MATERIALS
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code: MDS-1
Material Description: DUCT SEALANT - LIGHT GRAY
Category: Category II

Room #	ACM	Estimated Quantity	Condition
B0418	ATC	2 sf	Good
Total		2 sf	

Material Code: MEP-1
Material Description: ELECTRICAL PANEL - GRAY
Category: Category II

Room #	ACM	Estimated Quantity	Condition
B0411	ATC	2 E	Good
B0418	ATC	2 E	Good
Total		4 E	

Material Code: MF12-2
Material Description: 12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS
Category: Category I

Room #	ACM	Estimated Quantity	Condition
B0217	POS	560 sf	Good
Total		560 sf	

Material Code: MF12-3
Material Description: 12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS
Category: Category I

Room #	ACM	Estimated Quantity	Condition
B0217	POS	600 sf	Good
Total		600 sf	

Notes:
sf = Square Feet POS = Asbestos content greater than one percent
lf = Linear Feet
E = Each

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 1 of 2

TABLE 4
SUMMARY OF ASBESTOS-CONTAINING BUILDING MATERIALS
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building: 1

Material Code: MSC-3

Material Description: SINK LINING - BLACK

Category: Category II

Room #	ACM	Estimated Quantity	Condition
B0413	ATC	4 sf	Good
	Total	4 sf	

Material Code: MTWR

Material Description: TOILET WAX RING

Category: Category I

Room #	ACM	Estimated Quantity	Condition
B0414	ATC	1 E	Good
	Total	1 E	

Material Code: TF5F

Material Description: 0-5" FITTING ON FIBERGLASS

Category: Friable

Room #	ACM	Estimated Quantity	Condition
B0217	ATC	40 E	Good
COB11	ATC	6 E	Good
	Total	46 E	

Notes:

sf = Square Feet

lf = Linear Feet

E = Each

POS = Asbestos content greater than one percent

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 2 of 2

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0001	MCM-1	CARPET MASTIC - GREEN		1	B0409, NW	NEG
0002	MCM-1	CARPET MASTIC - GREEN		1	B0409, NW	NEG
0003	MCM-1	CARPET MASTIC - GREEN		1	B0409, NW	NEG
0004	MCM-2	CARPET MASTIC - CLEAR		1	B0217, NW	NEG
0005	MCM-2	CARPET MASTIC - CLEAR		1	B0400, NW	NEG
0006	MCM-2	CARPET MASTIC - CLEAR		1	B0408, NW	NEG
0007	MCSC-1	CEILING SKIM COAT - WHITE		1	B0409, W	NEG
0008	MCSC-1	CEILING SKIM COAT - WHITE		1	B0421, W	NEG
0009	MCSC-1	CEILING SKIM COAT - WHITE		1	COB10, W	NEG
0010	MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE		1	B0414, NW	NEG
0011	MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE		1	B0414, NW	NEG
0013	MDS-2	DUCT SEALANT - TAN		1	B0408, NW	NEG
0014	MDS-3	DUCT SEALANT - WHITE		1	COB10, W	NEG
0015	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		1	B0217, SE	NEG
0016	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		1	B0409, NW	NEG
0017	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		1	B0421, SW	NEG
0018	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		1	B0401, SW	NEG

Notes:

sf = Square Feet

lf = Linear Feet

E = Each

ND = Not detected

NA = Not analyzed

PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 1 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0019	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		1	B0416, NE	NEG
0020	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		1	B0416, SW	NEG
0021	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	TILE - 10%; BLACK MASTIC - 1.5% PC	1	B0217, SE	11.5
0022	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	1	B0217, NE	POS
0023	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	1	B0217, S	POS
0024	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	TILE - 5.1% PC; BLACK MASTIC - 3.1% PC	1	B0217, S	8.2
0025	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	1	B0217, CF	POS
0026	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	1	B0217, S	POS
0027	MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS		1	B0217, SE	NEG
0028	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		1	B0410, SW	NEG
0029	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		1	B0418, SW	NEG
0030	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		1	B0410, NE	NEG
0031	MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS		1	B0411, SE	NEG

Notes:

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 2 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0032	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		1	COB11, SE	NEG
0033	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		1	COB10, W	NEG
0034	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		1	COB11, SW	NEG
0035	MFS-1	FIRE PACKING - RED		1	B0400, NW	NEG
0036	MSC-1	SINK LINING - WHITE		1	B0410, SE	NEG
0037	MSC-2	SINK LINING - LIGHT GRAY		1	B0418, SE	NEG
0038	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		1	B0411, SE	NEG
0039	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		1	B0411, S	NEG
0040	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		1	B0411, SW	NEG
0041	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		1	B0418, NE	NEG
0042	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		1	B0418, CF	NEG
0043	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		1	B0418, W	NEG
0044	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		1	B0217, NW	NEG
0045	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		1	B0410, SW	NEG

Notes:

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 3 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0046	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		1	B0414, SW	NEG
0047	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		1	B0409, NW	NEG
0048	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		1	B0409, NW	NEG
0049	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		1	B0409, NW	NEG
0050	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		1	B0217, NW	NEG
0051	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		1	COB11, NW	NEG
0052	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		1	COB10, W	NEG
0053	MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES		1	B0217, SE	NEG
0054	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		1	B0400, NW	NEG
0055	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		1	B0416, NE	NEG
0056	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		1	B0418, SE	NEG
0057	MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK		1	B0401, SW	NEG

Notes:

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 4 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
 BUILDING 111 - 5000 WEST NATIONAL AVENUE
 MILWAUKEE, WISCONSIN
 Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0058	MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY		1	B0409, NW	NEG
0059	MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN		1	B0217, NW	NEG
0060	MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN		1	B0217, SE	NEG
0061	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		1	B0217, NW	NEG
ATC01	MDS-1	DUCT SEALANT - LIGHT GRAY	DUCT SEALANT INACCESSIBLE	1		ATC
ATC02	MEP-1	ELECTRICAL PANEL - GRAY		1		ATC
ATC03	MSC-3	SINK LINING - BLACK		1		ATC
ATC04	MTWR	TOILET WAX RING		1		ATC
ATC05	TF5F	0-5" FITTING ON FIBERGLASS		1		ATC

Notes:

sf = Square Feet
 lf = Linear Feet
 E = Each

ND = Not detected
 NA = Not analyzed
 PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 5 of 5

TABLE 6
BULK MATERIAL SAMPLE SUMMARY
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building	Material Code	Material Description	Sample Comments	Sample Number	Sample Location	Asbestos Content
1	MCM-1	CARPET MASTIC - GREEN		0001	B0409, NW	NEG
1	MCM-1	CARPET MASTIC - GREEN		0002	B0409, NW	NEG
1	MCM-1	CARPET MASTIC - GREEN		0003	B0409, NW	NEG
1	MCM-2	CARPET MASTIC - CLEAR		0004	B0217, NW	NEG
1	MCM-2	CARPET MASTIC - CLEAR		0005	B0400, NW	NEG
1	MCM-2	CARPET MASTIC - CLEAR		0006	B0408, NW	NEG
1	MCSC-1	CEILING SKIM COAT - WHITE		0007	B0409, W	NEG
1	MCSC-1	CEILING SKIM COAT - WHITE		0008	B0421, W	NEG
1	MCSC-1	CEILING SKIM COAT - WHITE		0009	COB10, W	NEG
1	MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE		0010	B0414, NW	NEG
1	MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE		0011	B0414, NW	NEG
1	MDS-1	DUCT SEALANT - LIGHT GRAY	DUCT SEALANT INACCESSIBLE	ATC01		ATC
1	MDS-2	DUCT SEALANT - TAN		0013	B0408, NW	NEG
1	MDS-3	DUCT SEALANT - WHITE		0014	COB10, W	NEG
1	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		0015	B0217, SE	NEG
1	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		0016	B0409, NW	NEG
1	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH		0017	B0421, SW	NEG
1	MEP-1	ELECTRICAL PANEL - GRAY		ATC02		ATC

Notes
sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:
2/20/2012

Sigma Environmental Services, Inc.

Page 1 of 5

TABLE 6
BULK MATERIAL SAMPLE SUMMARY
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building	Material Code	Material Description	Sample Comments	Sample Numbe	Sample Location	Asbestos Content
1	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		0018	B0401, SW	NEG
1	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		0019	B0416, NE	NEG
1	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS		0020	B0416, SW	NEG
1	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	TILE - 10%; BLACK MASTIC - 1.5% PC	0021	B0217, SE	11.5
1	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	0022	B0217, NE	POS
1	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	0023	B0217, S	POS
1	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	TILE - 5.1% PC; BLACK MASTIC - 3.1% PC	0024	B0217, S	8.2
1	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	0025	B0217, CF	POS
1	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	POS STOP - SAMPLE NOT ANALYZED	0026	B0217, S	POS
1	MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS		0027	B0217, SE	NEG
1	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		0028	B0410, SW	NEG
1	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		0029	B0418, SW	NEG
1	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS		0030	B0410, NE	NEG

Notes

sf = Square Feet

lf = Linear Feet

E = Each

ND = Not detected

NA = Not analyzed

PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 2 of 5

TABLE 6
BULK MATERIAL SAMPLE SUMMARY
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building	Material Code	Material Description	Sample Comments	Sample Numbe	Sample Location	Asbestos Content
1	MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS		0031	B0411, SE	NEG
1	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		0032	COB11, SE	NEG
1	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		0033	COB10, W	NEG
1	MFL-3	LINOLEUM AND MASTIC - CREAM, PEACH, LIGHT BLUE		0034	COB11, SW	NEG
1	MFS-1	FIRE PACKING - RED		0035	B0400, NW	NEG
1	MSC-1	SINK LINING - WHITE		0036	B0410, SE	NEG
1	MSC-2	SINK LINING - LIGHT GRAY		0037	B0418, SE	NEG
1	MSC-3	SINK LINING - BLACK		ATC03		ATC
1	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		0038	B0411, SE	NEG
1	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		0039	B0411, S	NEG
1	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL		0040	B0411, SW	NEG
1	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		0041	B0418, NE	NEG
1	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		0042	B0418, CF	NEG
1	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED		0043	B0418, W	NEG
1	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		0045	B0410, SW	NEG

Notes

sf = Square Feet

lf = Linear Feet

E = Each

ND = Not detected

NA = Not analyzed

PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 3 of 5

TABLE 6
BULK MATERIAL SAMPLE SUMMARY
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
BUILDING 111 - 5000 WEST NATIONAL AVENUE
MILWAUKEE, WISCONSIN
Project Reference #: 12690

Building	Material Code	Material Description	Sample Comments	Sample Numbe	Sample Location	Asbestos Content
1	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		0046	B0414, SW	NEG
1	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		0051	COB11, NW	NEG
1	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE		0052	COB10, W	NEG
1	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		0047	B0409, NW	NEG
1	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		0048	B0409, NW	NEG
1	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES		0049	B0409, NW	NEG
1	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		0044	B0217, NW	NEG
1	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		0050	B0217, NW	NEG
1	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES		0061	B0217, NW	NEG
1	MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES		0053	B0217, SE	NEG
1	MTWR	TOILET WAX RING		ATC04		ATC
1	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		0054	B0400, NW	NEG

Notes

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/20/2012

Sigma Environmental Services, Inc.

Page 4 of 5

TABLE 6
BULK MATERIAL SAMPLE SUMMARY
Sorted by Building and Material Code

RADIATION ONCOLOGY EXPANSION - VA #695-10-131
 BUILDING 111 - 5000 WEST NATIONAL AVENUE
 MILWAUKEE, WISCONSIN
 Project Reference #: 12690

Building	Material Code	Material Description	Sample Comments	Sample Numbe	Sample Location	Asbestos Content
1	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		0055	B0416, NE	NEG
1	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN		0056	B0418, SE	NEG
1	MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK		0057	B0401, SW	NEG
1	MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY		0058	B0409, NW	NEG
1	MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN		0059	B0217, NW	NEG
1	MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN		0060	B0217, SE	NEG
1	TF5F	0-5" FITTING ON FIBERGLASS		ATC05		ATC

Notes
 sf = Square Feet
 lf = Linear Feet
 E = Each

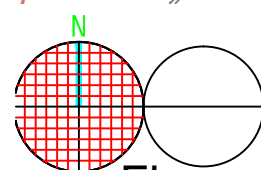
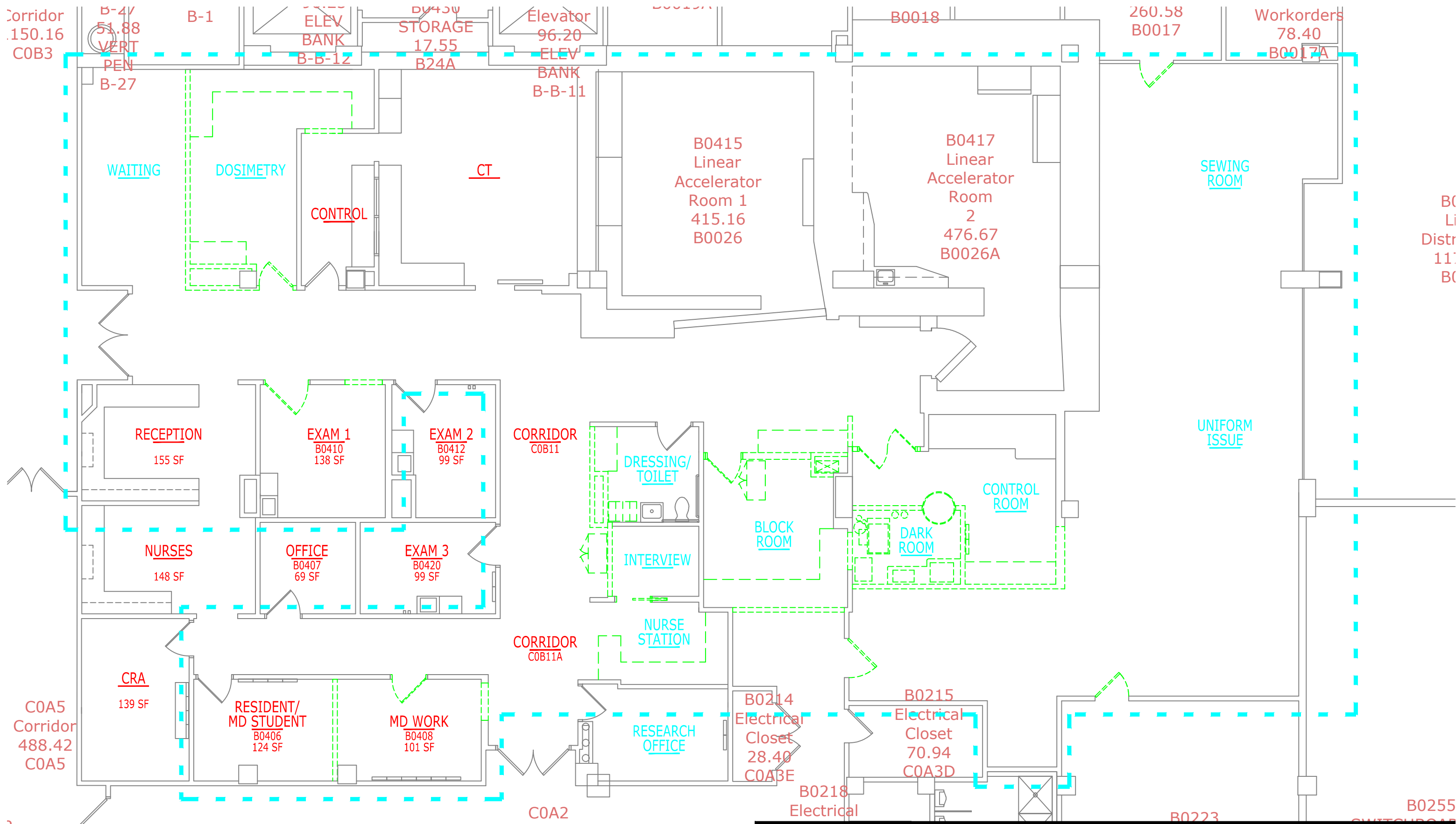
ND = Not detected
 NA = Not analyzed
 PC = Point counted

Printed On:
 2/20/2012

Sigma Environmental Services, Inc.

Page 5 of 5

FIGURE




PARTIAL DEMOLITION PLAN

ONCOLOGY SUITE

1/8"=1'-0"

Figure 1 - Partial Demolition Plan - Oncology/Linear Accelerator Suite

 <p>Plunkett Raysich Architects 11000 West Park Place Milwaukee, WI 53224 FAX 414 359-3070 TEL 414 359-3060 Email: pra@prarch.com Web: http://www.prarch.com</p>	<p>VA ZABLOCKI MEDICAL CENTER Milwaukee, Wisconsin Oncology / Linear Accelerator Suite</p>	<p>DATE 12-29-2011</p>	<p>JOB NUMBER 100077-10</p>
	<p>B0218 Electrical</p>	<p>DRAWN BY JLL</p>	<p>SHEET NUMBER 1 OF 2</p>

APPENDIX A

Credentials – Wisconsin Certified Asbestos Inspectors

**ASBESTOS SUPERVISOR**

Issued By

STATE OF WISCONSIN

Dept. of Health Services

Dale Cameron Armbruster
823 Blaine Ave
Racine WI 53405-2407

		220 lbs	5' 10"
ACS-156285	Exp: 06/17/2012	03/23/1960	Male

Training due by: 06/17/2012

**ASBESTOS INSPECTOR**

Issued By

STATE OF WISCONSIN

Dept. of Health Services


Dale Cameron Armbruster
823 Blaine Ave
Racine WI 53405-2407

		220 lbs	5' 10"
AIL-156285	Exp: 08/11/2012	03/23/1960	Male

Training due by: 08/11/2012

ASBESTOS SUPERVISOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Thomas J McCoy Jr
809 Buena Vista Ave
Waukesha WI 53188-3849



ACS-117261	Exp: 03/03/2012	195 lbs	5' 10"
		02/01/1960	Male

Training due by: 03/03/2012

ASBESTOS INSPECTOR
Issued By
STATE OF WISCONSIN
Dept. of Health Services

Thomas J McCoy Jr
809 Buena Vista Ave
Waukesha WI 53188-3849



AI-117261	Exp: 04/07/2012	195 lbs	5' 10"
		02/01/1960	Male

Training due by: 04/07/2012

APPENDIX B

Certificate of Analysis

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562293	Description / Location: Green Carpet Mastic
Client No.: 0001	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562294	Description / Location: Green Carpet Mastic
Client No.: 0002	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562295	Description / Location: Green Carpet Mastic
Client No.: 0003	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562296	Description / Location: Tan Carpet Mastic
Client No.: 0004	Bldg 1; B0217, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Accreditation NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

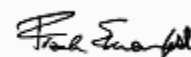
*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Approved By:



Date: 2/18/2012

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562297	Description / Location:	Tan Carpet Mastic	
Client No.:	0005		Bldg 1; B0400, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562298	Description / Location:	Tan Carpet Mastic	
Client No.:	0006		Bldg 1; B0408, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562299	Description / Location:	Tan Ceiling Plaster	
Client No.:	0007		Bldg 1; B0409, W	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562300	Description / Location:	Tan Ceiling Plaster	
Client No.:	0008		Bldg 1; B0421, W	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:	EPA 600/R-93/116, by Polarized Light Microscopy
---------------------------	---

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562301	Description / Location: Tan Ceiling Plaster
Client No.: 0009	Bldg 1; COB10, W
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562302	Description / Location: Blue Cementitious
Client No.: 0010	Bldg 1; B0414, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562302	Description / Location: White Cementitious	Layer No.: 2
Client No.: 0010	Bldg 1; B0414, NW	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Fibrous Material</u>	100	

Lab No.: 4562302	Description / Location: Grey Cementitious	Layer No.: 3
Client No.: 0010	Bldg 1; B0414, NW	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Fibrous Material</u>	100	

Accreditation **NIST-NVLAP No. 101165-0** **NY-DOH No. 11021** **AIHA-LAP, LLC No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562303	Description / Location: White Cementitious
Client No.: 0011	Bldg 1; B0414, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562303	Description / Location: Tan Mastic	Layer No.: 2
Client No.: 0011	Bldg 1; B0414, NW	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Fibrous Material</u>	100	

Lab No.: 4562304	Description / Location: Sample Not Received
Client No.: 0012	
<u>% Asbestos</u>	<u>Type</u>
Sample Not Received	Sample Not Received
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
<u>% Non-Fibrous Material</u>	

Lab No.: 4562305	Description / Location: Tan Mastic; Duct Sealant
Client No.: 0013	Bldg 1; B0408, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
30	Fibrous Glass
<u>% Non-Fibrous Material</u>	70

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562306	Description / Location:	Tan Mastic; Duct Sealant	
Client No.:	0014		Bldg 1; COB10, W	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	30	Fibrous Glass	70

Lab No.:	4562307	Description / Location:	Tan Sheetrock	
Client No.:	0015		Bldg 1; B0217, SE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Cellulose	80

Lab No.:	4562307	Description / Location:	Tan Joint Compound	Layer No.: 2
Client No.:	0015		Bldg 1; B0217, SE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562308	Description / Location: Tan Sheetrock			
Client No.: 0016	Bldg 1; B0409, NW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Cellulose	80

Lab No.: 4562308	Description / Location: Tan Joint Compound	Layer No.: 2		
Client No.: 0016	Bldg 1; B0409, NW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562309	Description / Location: Tan Sheetrock			
Client No.: 0017	Bldg 1; B0421, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	20	Cellulose	80

Lab No.: 4562310	Description / Location: Tan Floor Tile; 12"			
Client No.: 0018	Bldg 1; B0401, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditation **NIST-NVLAP No. 101165-0** **NY-DOH No. 11021** **AIHA-LAP, LLC No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562311	Description / Location: Tan Floor Tile; 12"			
Client No.: 0019	Bldg 1; B0416, NE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562312	Description / Location: Tan Floor Tile; 12"			
Client No.: 0020	Bldg 1; B0416, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562313	Description / Location: Grey Floor Tile; 12"			
Client No.: 0021	Bldg 1; B0217, SE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
10	Chrysotile	None Detected	None Detected	90

Lab No.: 4562313	Description / Location: Black Mastic	Layer No.: 2		
Client No.: 0021	Bldg 1; B0217, SE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 1.5	Chrysotile	None Detected	None Detected	PC 98.5

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562314	Description / Location:	Sample Not Analyzed	
Client No.:	0022			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
	Sample Not Analyzed		Sample Not Analyzed	

Lab No.:	4562315	Description / Location:	Sample Not Analyzed	
Client No.:	0023			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
	Sample Not Analyzed		Sample Not Analyzed	

Lab No.:	4562316	Description / Location:	Black Floor Tile; 12"	
Client No.:	0024		Bldg 1; B0217, S	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 5.1	Chrysotile	None Detected	None Detected	PC 94.9

Lab No.:	4562316	Description / Location:	Black Mastic	Layer No.: 2
Client No.:	0024		Bldg 1; B0217, S	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
PC 3.1	Chrysotile	None Detected	None Detected	PC 96.9

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:	EPA 600/R-93/116, by Polarized Light Microscopy
---------------------------	---

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562317	Description / Location:	Sample Not Analyzed	
Client No.:	0025			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
	Sample Not Analyzed		Sample Not Analyzed	

Lab No.:	4562318	Description / Location:	Sample Not Analyzed	
Client No.:	0026			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
	Sample Not Analyzed		Sample Not Analyzed	

Lab No.:	4562319	Description / Location:	Green Floor Tile; 12"	
Client No.:	0027		Bldg 1; B0217, SE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562319	Description / Location:	Tan Mastic	Layer No.: 2
Client No.:	0027		Bldg 1; B0217, SE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:	EPA 600/R-93/116, by Polarized Light Microscopy
---------------------------	---

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012



9000 Commerce Parkway, Ste B
Mount Laurel, NJ 08054
Toll Free 877-428-4285
Local: 856-231-9449
Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562320	Description / Location:	Tan Vinyl Sheet Flooring	
Client No.:	0028		Bldg 1; B0410, SW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562320	Description / Location:	Tan Mastic	Layer No.:	2
Client No.:	0028		Bldg 1; B0410, SW		
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>	
None Detected	None Detected	None Detected	None Detected	100	

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562321	Description / Location:	Tan Vinyl Sheet Flooring	
Client No.:	0029		Bldg 1; B0418, SW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562321	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0029		Bldg 1; B0418, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Lab No.:	4562321	Description / Location:	Tan Leveling Compound		Layer No.:	3
Client No.:	0029		Bldg 1; B0418, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562322	Description / Location: Tan Floor Tile
Client No.: 0030	Bldg 1; B0410, NE
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4562322	Description / Location: Tan Mastic	Layer No.: 2
Client No.: 0030	Bldg 1; B0410, NE	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
		<u>% Non-Fibrous Material</u>
		100

Lab No.: 4562323	Description / Location: Tan Vinyl Sheet Flooring
Client No.: 0031	Bldg 1; B0411, SE
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Fibrous Material</u>
	100

Lab No.: 4562323	Description / Location: Tan/Grey Mastic/Leveling Compound	Layer No.: 2
Client No.: 0031	Bldg 1; B0411, SE	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
		<u>% Non-Fibrous Material</u>
		100

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562324	Description / Location: Pink/Blue Vinyl Sheet Flooring
Client No.: 0032	Bldg 1; COB11, SE
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562324	Description / Location: Tan/Grey Mastic/Leveling Compound	Layer No.: 2
Client No.: 0032	Bldg 1; COB11, SE	
<u>% Asbestos</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	
None Detected	None Detected	
<u>% Non-Fibrous Material</u>	100	

Lab No.: 4562325	Description / Location: Pink/Blue Vinyl Sheet Flooring
Client No.: 0033	Bldg 1; COB10, W
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Lab No.: 4562326	Description / Location: Pink/Blue Vinyl Sheet Flooring
Client No.: 0034	Bldg 1; COB11, SW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Fibrous Material</u>	100

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562327	Description / Location:	Red Non Fibrous
Client No.:	0035		Bldg 1; B0400, NW
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	None Detected	None Detected
			100

Lab No.:	4562328	Description / Location:	Tan Insulation
Client No.:	0036		Bldg 1; B0410, SE
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	10	Cellulose
			90

Lab No.:	4562329	Description / Location:	Grey Insulation
Client No.:	0037		Bldg 1; B0418, SE
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	10	Cellulose
			90

Lab No.:	4562330	Description / Location:	Tan Sheetrock Ceiling Tile; 2x2
Client No.:	0038		Bldg 1; B0411, SE
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
None Detected	None Detected	20	Cellulose
		5	Fibrous Glass
			75

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562331	Description / Location: Tan Sheetrock Ceiling Tile; 2x2
Client No.: 0039	Bldg 1; B0411, S
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
20	Cellulose
5	Fibrous Glass
	<u>% Non-Fibrous Material</u>
	75

Lab No.: 4562332	Description / Location: Tan Sheetrock Ceiling Tile; 2x2
Client No.: 0040	Bldg 1; B0411, SW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
20	Cellulose
5	Fibrous Glass
	<u>% Non-Fibrous Material</u>
	75

Lab No.: 4562333	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0041	Bldg 1; B0418, NE
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
	<u>% Non-Fibrous Material</u>
	20

Lab No.: 4562334	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0042	Bldg 1; B0418, CF
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
	<u>% Non-Fibrous Material</u>
	20

Accreditation NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562335	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0043	Bldg 1; B0418, W
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	20

Lab No.: 4562336	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0044	Bldg 1; B0217, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	20

Lab No.: 4562337	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0045	Bldg 1; B0410, SW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	20

Lab No.: 4562338	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0046	Bldg 1; B0414, SW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	20

Accreditation **NIST-NVLAP No. 101165-0** **NY-DOH No. 11021** **AIHA-LAP, LLC No. 100188**

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562339	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0047	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	
	20

Lab No.: 4562340	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0048	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	
	20

Lab No.: 4562341	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0049	Bldg 1; B0409, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
40	Cellulose
40	Fibrous Glass
<u>% Non-Fibrous Material</u>	
	20

Lab No.: 4562342	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0050	Bldg 1; B0217, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>
80	Fibrous Glass
<u>% Non-Fibrous Material</u>	
	20

Accreditation NIST-NVLAP No. 101165-0 NY-DOH No. 11021 AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562343	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0051	Bldg 1; COB11, NW
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Asbestos Fibrous Material</u>
	40
	<u>Type</u>
	Cellulose
	<u>% Non-Fibrous Material</u>
	20
	40
	Fibrous Glass

Lab No.: 4562344	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0052	Bldg 1; COB10, W
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Asbestos Fibrous Material</u>
	40
	<u>Type</u>
	Cellulose
	<u>% Non-Fibrous Material</u>
	20
	40
	Fibrous Glass

Lab No.: 4562345	Description / Location: Tan Ceiling Tile; 2x2
Client No.: 0053	Bldg 1; B0217, SE
<u>% Asbestos</u>	<u>Type</u>
None Detected	None Detected
	<u>% Non-Asbestos Fibrous Material</u>
	40
	<u>Type</u>
	Cellulose
	<u>% Non-Fibrous Material</u>
	20
	40
	Fibrous Glass

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562346	Description / Location:	Pink Cove Base; 4"	
Client No.:	0054		Bldg 1; B0400, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562346	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0054		Bldg 1; B0400, NW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Lab No.:	4562347	Description / Location:	Pink Cove Base; 4"	
Client No.:	0055		Bldg 1; B0416, NE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562347	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0055		Bldg 1; B0416, NE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client: Sigma Environmental Services
1300 West Canal Street
Milwaukee WI 53233

Report Date: 2/18/2012
Report No: 263777
Project:
Project No.: 12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.: 4562348	Description / Location: Pink Cove Base; 4"			
Client No.: 0056	Bldg 1; B0418, NE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562348	Description / Location: Tan Mastic	Layer No.: 2		
Client No.: 0056	Bldg 1; B0418, NE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562349	Description / Location: Black Cove Base; 4"			
Client No.: 0057	Bldg 1; B0401, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 4562349	Description / Location: Tan Mastic	Layer No.: 2		
Client No.: 0057	Bldg 1; B0401, SW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562350	Description / Location:	Tan Cove Base; 4"	
Client No.:	0058		Bldg 1; B0409, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562350	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0058		Bldg 1; B0409, NW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Lab No.:	4562351	Description / Location:	Black Cove Base; 4"	
Client No.:	0059		Bldg 1; B0217, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562351	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0059		Bldg 1; B0217, NW			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Accreditation	NIST-NVLAP No. 101165-0	NY-DOH No. 11021	AIHA-LAP, LLC No. 100188
----------------------	--------------------------------	-------------------------	---------------------------------

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: EPA 600/R-93/116, by Polarized Light Microscopy

Comments: Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

CERTIFICATE OF ANALYSIS

Client:	Sigma Environmental Services	Report Date:	2/18/2012
	1300 West Canal Street	Report No:	263777
	Milwaukee WI 53233	Project:	
		Project No.:	12690

BULK SAMPLE ANALYSIS SUMMARY

Lab No.:	4562352	Description / Location:	Green Cove Base; 4"	
Client No.:	0060		Bldg 1; B0217, SE	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

Lab No.:	4562352	Description / Location:	Tan Mastic		Layer No.:	2
Client No.:	0060		Bldg 1; B0217, SE			
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>		
None Detected	None Detected	None Detected	None Detected	100		

Lab No.:	4562353	Description / Location:	Tan Ceiling Tile; 2x2	
Client No.:	0061		Bldg 1; B0217, NW	
<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	80	Fibrous Glass	20

Accreditation

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

AIHA-LAP, LLC No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method:

EPA 600/R-93/116, by Polarized Light Microscopy

Comments:

Quantification at <0.25% by volume is possible with this method. (PC) Indicates Stratified Point Count Method performed. (PC-Trace) means that asbestos was detected but is not quantifiable under the Point Counting regimen. Analysis includes all distinct separable layers in accordance with EPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed (ex. analyze until positive instructions). Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, PLM is not consistently reliable in detecting asbestos in non-friable organically bound (NOB) materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing.

Analysis Performed By: B. Fauseit

Date: 2/18/2012

- Chain of Custody -

Client: Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, Wisconsin
Phone: (414) 643-4200
FAX: (414) 643-4210

Project Name: _____
Project No.: #12690
Contact: Jeff Senn
Pager: 414-643-4151

Special: _____
Instructions: _____

Type:

Asbestos				Lead				Other			
<input type="checkbox"/>	Air	<input type="checkbox"/>	Soil	<input type="checkbox"/>	Air	<input type="checkbox"/>	Soil				
<input checked="" type="checkbox"/>	Bulk	<input type="checkbox"/>	Dust	<input type="checkbox"/>	Bulk	<input type="checkbox"/>	Dust				
<input type="checkbox"/>	Water	<input type="checkbox"/>	Other	<input type="checkbox"/>	Water	<input type="checkbox"/>	Other				

Analysis Method:

<input type="checkbox"/>	PCM: NIOSH 7400	<input checked="" type="checkbox"/>	PLM: Bulk Asbestos EPA 600	<input type="checkbox"/>	TEM: AHERA
<input type="checkbox"/>	PCM: OSHA	<input checked="" type="checkbox"/>	PLM: Point Counting 198.1	<input type="checkbox"/>	TEM: NIOSH 7402
<input type="checkbox"/>	PCM: Other _____	<input type="checkbox"/>	PLM: NOB via 198.1 (PLM only)	<input type="checkbox"/>	TEM: EPA Level II
<input type="checkbox"/>	AAS: NIOSH 7082 (Air)	<input type="checkbox"/>	If <1% by PLM, to TEM via 198.4	<input type="checkbox"/>	TEM: Microvac/Wipe
<input type="checkbox"/>	AAS: Lead in Drinking Water		to meet NYSDOH requirements**	<input type="checkbox"/>	TEM: Asbestos in Water
<input type="checkbox"/>	AAS: Lead in Paint ASTM D3335-85a		(** call to confirm TAT!)	<input type="checkbox"/>	TEM: Bulk Analysis
<input type="checkbox"/>	AAS: Lead Dust/Wipe			<input type="checkbox"/>	TEM: NOB 198.4
<input type="checkbox"/>	AAS: Other Metals/Soil _____			<input type="checkbox"/>	TEM: Other _____
				<input type="checkbox"/>	Total Dust: NIOSH 0500

Turnaround

FAX: _____ date / time Verbals: _____ date / time

Time:

<input type="checkbox"/>	10 Day	<input type="checkbox"/>	3 Day	<input type="checkbox"/>	1 Day	<input type="checkbox"/>	RUSH
<input checked="" type="checkbox"/>	5 Day	<input type="checkbox"/>	2 Day	<input type="checkbox"/>	6 Hour		
Preliminary FAX / Verbal Results Requested by:							

Sample Numbers:

Client #(s): 01 - 11
13 (start) (end)
IATL #(s): _____ (start) (end)

Total: 60
6 2/18/12

Chain of Custody:

Relinquished: <u>[Signature]</u>	Date: <u>2/18/12</u> Time: <u>14:30</u>
Received: _____	Date: _____ Time: _____
Sample Log-in: <u>m 2157N</u>	Date: _____ Time: _____
Sample Prep: _____	Date: <u>FEB - 9</u> 2012 Time: _____
Analyzed: _____	Date: _____ Time: _____
QA/QC Review: <u>[Signature]</u> 2/21/12	Date: _____ Time: _____

Archived/Released: _____ Date: _____ QA/QC InterLAB Use: _____ Time: _____

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

Plunket Raysich

LinAcc

Milwaukee, Wisconsin

Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0001	MCM-1	CARPET MASTIC - GREEN	4562293	1	B0409, NW	
0002	MCM-1	CARPET MASTIC - GREEN	4562294	1	B0409, NW	
0003	MCM-1	CARPET MASTIC - GREEN	4562295	1	B0409, NW	
0004	MCM-2	CARPET MASTIC - CLEAR	4562296	1	B0217, NW	
0005	MCM-2	CARPET MASTIC - CLEAR	4562297	1	B0400, NW	
0006	MCM-2	CARPET MASTIC - CLEAR	4562298	1	B0408, NW	
0007	MCSC-1	CEILING SKIM COAT WHITE	4562299	1	B0409, W	
0008	MCSC-1	CEILING SKIM COAT WHITE	4562300	1	B0421, W	
0009	MCSC-1	CEILING SKIM COAT WHITE	4562301	1	COB10, W	
0010	MCTM-1	CERAMIC TILE & MASTIC - 2X2: BLUE LIGHT BLUE WHITE	4562302	1	B0414, NW	
0011	MCTM-2	CERAMIC TILE & MASTIC - 4X4 INCH: BLUE, WHITE	4562303	1	B0414, NW	
0012	MDS-1	DUCT SEALENT LIGHT GRAY	4562304	1		
0013	MDS-2	DUCT SEALENT TAN	4562305	1	B0408, NW	
0014	MDS-3	DUCT SEALENT WHITE	4562306	1	COB10, W	
0015	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	4562307	1	B0217, SE	
0016	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	4562308	1	B0409, NW	
0017	MDWC-1	DRYWALL AND JOINT COMPOUND - SMOOTH	4562309	1	B0421, SW	

Notes:

sf = Square Feet

lf = Linear Feet

E = Each

ND = Not detected

NA = Not analyzed

PC = Point counted

Printed On:

2/8/2012

IATL 4562304

Not Recalled

Sigma Environmental Services, Inc.

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

Plunket Raysich

LinAcc

Milwaukee, Wisconsin

Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0018	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	4562310	1	B0401, SW	
0019	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	4562311	1	B0416, NE	
0020	MF12-1	12" FLOOR TILE AND MASTIC - CREAM WITH WHITE GREY FLECKS	4562312	1	B0416, SW	
0021	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	4562313	1	B0217, SE	
0022	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	4562314	1	B0217, NE	
0023	MF12-2	12" FLOOR TILE AND MASTIC - LIGHT GRAY WITH WHITE STREAKS	4562315	1	B0217, S	
0024	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	4562316	1	B0217, S	
0025	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	4562317	1	B0217, CF	
0026	MF12-3	12" FLOOR TILE AND MASTIC - BLACK WITH WHITE STREAKS	4562318	1	B0217, S	
0027	MF12-4	12" FLOOR TILE AND MASTIC - AQUA WITH WHITE FLECKS	4562319	1	B0217, SE	
0028	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	4562320	1	B0410, SW	
0029	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	4562321	1	B0418, SW	
0030	MFL-1	LINOLEUM AND MASTIC - CREAM WITH GRAY SPECS	4562322	1	B0410, NE	

Notes:

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/8/2012

Sigma Environmental Services, Inc.

Page 2 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

Plunket Raysich
LinAcc

Milwaukee, Wisconsin

Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0031	MFL-2	LINOLEUM AND MASTIC - TAN WITH WHITE SPECS	4562323	1	B0411, SE	
0032	MFL-3	LINOLEUM AND MASTIC - CREAM PEACH LIGHT BLUE	4562324	1	COB11, SE	
0033	MFL-3	LINOLEUM AND MASTIC - CREAM PEACH LIGHT BLUE	4562325	1	COB10, W	
0034	MFL-3	LINOLEUM AND MASTIC - CREAM PEACH LIGHT BLUE	4562326	1	COB11, SW	
0035	MFS-1	RED FIRE PACKING	4562327	1	B0400, NW	
0036	MSC-1	SINK LINING - WHITE	4562328	1	B0410, SE	
0037	MSC-2	SINK LINING - LIGHT GRAY	4562329	1	B0418, SE	
0038	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	4562330	1	B0411, SE	
0039	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	4562331	1	B0411, S	
0040	MSCT-1	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMOOTH DRYWALL	4562332	1	B0411, SW	
0041	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED	4562333	1	B0418, NE	
0042	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED	4562334	1	B0418, CF	
0043	MSCT-2	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE TEXTURED	4562335	1	B0418, W	
0044	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	4562336	1	B0217, NW	

Notes:

sf = Square Feet
lf = Linear Feet
E = Each

ND = Not detected
NA = Not analyzed
PC = Point counted

Printed On:

2/8/2012

Sigma Environmental Services, Inc.

Page 3 of 5

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

Plunket Raysich
LinAcc
 Milwaukee, Wisconsin
 Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0045	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	4562337	1	B0410, SW	
0046	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	4562338	1	B0414, SW	
0047	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES	4562339	1	B0409, NW	
0048	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES	4562340	1	B0409, NW	
0049	MSCT-4	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE WITH PINHOLES AND HOLES	4562341	1	B0409, NW	
0050	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	4562342	1	B0217, NW	
0051	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	4562343	1	COB11, NW	
0052	MSCT-3	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SANDY TEXTURE	4562344	1	COB10, W	
0053	MSCT-6	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE SMALL FISSURES	4562345	1	B0217, SE	
0054	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	4562346	1	B0400, NW	
0055	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	4562347	1	B0416, NE	
0056	MV4-1	4" VINYL BASEBOARD AND MASTIC - LIGHT BROWN	4562348	1	B0418, SE	

Notes:
 sf = Square Feet
 lf = Linear Feet
 E = Each
 ND = Not detected
 NA = Not analyzed
 PC = Point counted

Printed On:
 2/8/2012

TABLE 5
BULK MATERIAL SAMPLE SUMMARY
Sorted by Sample Number

Plunket Raysich
LinAcc
 Milwaukee, Wisconsin
 Project Reference #: 12690

Sample Number	Material Code	Material Description	Sample Comments	Building	Sample Location	Asbestos Content
0057	MV4-2	4" VINYL BASEBOARD AND MASTIC - BLACK	4562349	1	B0401, SW	
0058	MV4-3	4" VINYL BASEBOARD AND MASTIC - GRAY	4562350	1	B0409, NW	
0059	MV4-4	4" VINYL BASEBOARD AND MASTIC - DARK BROWN	4562351	1	B0217, NW	
0060	MV4-5	4" VINYL BASEBOARD AND MASTIC - GREEN	4562352	1	B0217, SE	
0061	MSCT-5	SUSPENDED CEILING TILE - 2X2 FOOT: WHITE PINHOLES FISSURES	4562353	1	B0217, NW	

Notes:
 sf = Square Feet
 lf = Linear Feet
 E = Each
 ND = Not detected
 NA = Not analyzed
 PC = Point counted

Printed On:
 2/8/2012

Supplemental Asbestos Chain of Custody

Project Number: #12690

Number of Samples: 60

In addition to the information provided on the laboratory chain of custody, Sigma requires the following (checked items only):

- ☒ When the laboratory observes an apparent discrepancy between Sigma's material description and the sample received by the laboratory, the laboratory shall flag the material description on the laboratory report and define on the laboratory report the specific discrepancy(s) noted.
- ☐ **With the exception of drywall and joint compound samples**, analyze and report each distinct and separable material layer unless otherwise instructed on the attached "Sigma Sample Material List" sheet(s). Laboratory to determine distinct and separable layers and provide layer descriptions for each individual layer.
- ☒ Analyze and report each distinct and separable material layer unless otherwise instructed on the attached "Sigma Sample Material List" sheet(s). Laboratory to determine distinct and separable layers and provide layer descriptions for each individual layer.
- ☒ Discontinue analysis of homogenous material upon determining that the material contains greater than one percent asbestos content. If the homogeneous material contains multiple layers, continue analysis of each layer until all samples have been analyzed or until it has been determined that the layer contains greater than one percent asbestos content. See item #4 for flooring system Positive Stop instructions.

For example, if Sigma submitted three roofing system samples and the top layer sample analysis revealed asbestos is present at greater than one percent, the top layer analysis would be discontinued but the underlying layer(s) analysis would continue until greater than one percent asbestos is detected or until all three underlying sample layers have been analyzed. This assumes, however, that the materials are in fact homogenous. Through microscopic examination, it may be determined by the analyst that there are additional layers not present in each sample. In that case, the individual sample layer should also be analyzed.
- ☒ **Flooring Systems (including floor tile systems, vinyl flooring systems, vinyl laminate systems, and stair tread systems):** Conduct analysis of the mastic layer(s) first. If analysis reveals greater than one percent asbestos content, discontinue analysis of the mastic layers and do not analyze the flooring material (tile, vinyl, laminate, etc.) Call Jeff Senn at (414) 643-4151 with specific questions.

APPENDIX C

Photo Documentation

