



## MATERIALS TESTING CONSULTANTS

April 30, 2025  
Project No. 251302

Straub Pettitt Yaste Architects  
850 North Crooks Road, Suite 200  
Clawson, Michigan 48017

Attention: Richard Mann

Reference: Report of Hazardous Materials Building Survey  
Cadillac Place – Annex – 4<sup>th</sup> Floor Renovation Area  
3044 West Grand Boulevard  
Detroit, Michigan 48202

Dear Richard:

MATERIALS TESTING CONSULTANTS, INC. has completed an Hazardous Materials Survey for the above-referenced project. The findings of the study along with recommendations for the management of asbestos containing building materials and hazardous waste items are presented in the attached report.

We appreciate this opportunity to provide these services and express our interest in providing continuing services in the areas of environmental due diligence, industrial hygiene, and abatement project design services. Please contact our office should you have any questions or require further assistance.

Sincerely,

**MATERIALS TESTING CONSULTANTS, INC.**

Matthew Plummer  
Industrial Hygiene Project Professional

att: Report



# MATERIALS TESTING CONSULTANTS

## HAZARDOUS MATERIALS SURVEY

Cadillac Place – Annex – 4<sup>th</sup> Floor Renovation Area  
3044 West Grand Boulevard  
Detroit, Michigan, 48202

### *Prepared For:*

Straub Pettitt Yaste Architects  
850 North Crooks Road  
Suite 200  
Clawson, Michigan 48017

### *Prepared By:*

MATERIALS TESTING CONSULTANTS, INC.

Matthew Plummer  
Industrial Hygiene Project Professional

NOT FOR BIDDING PURPOSES

April 30, 2025  
MTC Project 251302



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REPORT OF ASBESTOS BUILDING MATERIALS SURVEY  
CADILLAC PLACE – ANNEX – 4<sup>TH</sup> FLOOR  
3044 WEST GRAND BOULEVARD  
DETROIT, MICHIGAN 48202

## 1.0 A - INTRODUCTION

MATERIALS TESTING CONSULTANTS, INC. (MTC) has completed an Asbestos Building Materials Survey for the Cadillac Place Annex, 4<sup>th</sup> floor renovation area located Detroit, Michigan. This work has been performed as described in our proposal 19344 R1 dated April 19, 2025. Authorization to proceed was received from Richard Mann, April 19, 2025. The scope of this study was described within the proposal.

The scope of this study in general includes and presented herein are the following:

- Asbestos Building Material Management Recommendation
- Survey Procedures
- Limitations
- Sample Procedures
- Laboratory Procedures
- Disclaimer
- Asbestos Materials Summary
- Function Area Map
- Homogeneous Material Classification
- Building Survey Summary
- Laboratory Results
- Chain of Custody
- Inspector Credentials



## 2.0 A - RECOMMENDATIONS

### 2.1 A - Asbestos Building Material Management Recommendations

It is recommended that Materials Testing Consultants, Inc. be contacted prior to any renovation activities to review the plans to determine if materials are to be impacted and so that MTC can recommend proper abatement levels to allow for these renovation activities to proceed. Materials found to contain asbestos or assumed to contain asbestos should be maintained in an undamaged condition. Do not cut, drill or otherwise make friable through mechanical action. Avoid creating dust and debris.

Management Plan - The Occupational Safety and Health Administration requires that the facility maintain an asbestos management plan to keep a record of asbestos containing materials and their condition and label asbestos containing materials within buildings. This record will provide facility maintenance staff, visiting contractors, and employees with the information that they require to minimize the risk of exposure to elevated fiber levels during repair and/or maintenance activities. MTC recommends that a management plan be adopted based upon this survey report, conduct employee training, develop an operations and maintenance program and label asbestos containing materials as necessary to comply with OSHA Standards.

Proper training of personnel involved in activities with asbestos containing materials (ACM) is necessary to protect the health of the workers. Training requirements are dependent upon the activities with ACM that are to be conducted. Training, as described below, is a summary of the OSHA Standard that outlines training requirements. Personnel should consult with the OSHA Standard or with MTC for any clarifications or interpretations. Types of Asbestos Work and Worker Training Requirements under OSHA Standard 1926.1101 "Asbestos Standard for Construction" regulated the State of Michigan are as follows:

Class I: Activities involving the removal of Thermal System Insulation (TSI) and surfacing ACM. Work must be supervised by a competent person with minimum 40-hour training conducted in accordance with EPA's Model Accreditation Plan for supervisor. Workers conducting abatement must obtain accreditation with minimum 32-hour training for Abatement Workers.

Class II: Activities involving the removal of ACM which is not TSI or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile, and sheeting, roofing and siding shingles, and construction mastics. Work must be supervised by a competent person with minimum 40-hour training conducted in accordance with EPA's Model Accreditation Plan for Supervisor. Workers conducting abatement must obtain



accreditation with minimum 32-hour training for Abatement Workers. Work where negative pressure enclosures and critical barriers are not necessary, 8-hour “hands on training” is required. This would include work with asbestos containing roofing, flooring, siding, ceiling tiles, or transite panels.

Class III: Repair and maintenance operations where ACM, including TSI and surfacing ACM may be disturbed. Work must be supervised by a competent person with training in accordance with EPA training for local education agency maintenance and custodial staff. This training shall be “hands on” and be a minimum of 16-hours.

Class IV: Maintenance and custodial activities during which employees contact but do not disturb ACM and activities to cleanup dust, waste and debris resulting from Class I, II, and III activities. Work must be conducted by training in accordance with EPA training for local education agency maintenance and custodial staff and be a minimum 2-hours of asbestos awareness training to familiarize themselves with issues relating to asbestos containing building materials within their facilities.



### 3.0 A - SURVEY METHODOLOGY

#### 3.1 A - Survey Procedures

Materials Testing Consultants, Inc. inspectors assigned Function Area numbers to individual rooms and continuous spaces and inspected each Function Area for quantity, location and condition of damaged materials in need of repair of suspect friable and non-friable asbestos containing building materials. Function areas which could not be accessed are listed in the Building Survey Summary and noted on the Function Area Maps. See appendix A. All materials within areas that access is not granted are to be treated as asbestos containing materials until licensed inspector assess the area to verify materials asbestos content.

Individual types of building materials encountered during the inspection were assigned homogeneous material numbers. Materials Testing Consultants, Inc. considered materials to be homogeneous only if they were similar in appearance, were located within the same building, and represented construction and/or renovation events which were completed over a set time or duration and which were likely completed by the same contractor.

Each building material was treated as a homogeneous material. For a listing of homogeneous materials, see the "Homogeneous Material Report", provided within Appendix A, The Homogeneous Material Report provides a quick summary of the presence and type of asbestos for each homogeneous material and total quantities of each material. This information can be of value when assessing asbestos abatement costs associated with renovation and/or demolition activities.

The inspector quantified all asbestos containing and assumed asbestos containing materials within each Function Area. As each Function Area was inspected, each suspect asbestos containing material was classified as friable or non-friable, assigned a type designation (surfacing, thermal system insulation or miscellaneous). Quantity of material was determined in square feet, linear feet, cubic feet or unit (each).



Survey information has been provided within the Building Survey Summary section within Appendix A. The Building Survey Summary can be used when trying to assess the potential for impacting asbestos materials when performing building maintenance activities. This summary will provide interested parties with a quick reference of all materials documented during the survey, the asbestos content of each material and quantity per Function Area. For ease of asbestos material management MTC has provided the Asbestos Materials Summary. This report provides only the asbestos containing materials and assumed asbestos containing materials per Function area with quantities provided.

This survey was conducted by a State of Michigan accredited Asbestos Building Inspectors. Copies of the Inspector's current Training Certificates and State Accreditations are attached to this report in Appendix A.

### 3.2 A - Limitations

Suspect building materials that are observed but unable to be sampled are designated assumed asbestos containing materials. Reasons materials are not sampled include, but are not limited to, irreparable damage to material to determine asbestos presence (i.e., fire rated doors, boilers, toilet gaskets, ceramic tile systems), space constrictions (i.e., heights above 10 ft, inadequate space to gather sample, or confined spaces), significant danger to inspector (i.e., active electrical equipment, fall hazards, work around active machinery) and at inspectors' discretion if it is determined that adequate representation of all potential asbestos containing components of a material is not feasible (i.e., roofing systems).





Limitations encountered during the execution of the survey reduce the ability to provide the highest value assessment that may result in increased potential construction, demolition, or renovation project costs.

Cadillac Place – Annex – 4 <sup>th</sup> Floor Renovation Area		
Limitation	Definition	Conformance
Access	Authorization to enter all rooms, vaults, and spaces in the renovation area.  (All materials within areas that access is not granted are to be treated as asbestos containing materials until licensed inspectors assess the area to verify materials asbestos content.)	YES
Liberty to sample	Authorization for inspector to sample all materials at their discretion in any location.  (Inability to sample materials at inspector discretion reduces the accuracy in obtaining representative samples of materials.)	YES
Occupancy	All occupants permanently removed from the renovation area.  (Active occupancy reduces inspectors' ability to accurately assess suspect Asbestos Containing Materials.)	YES
Utilities	All utilities terminated before building ensuring inspector safety while sampling materials.  (Active utilities inhibit the ability to assess mechanical, electrical plumbing and HVAC systems safely.)	NO
Building Envelope	Authorization to create opening through roof and exterior walls into the interior of the building, up to 1 SF in size.  (Inability to open building envelope may result in Asbestos Containing Materials hidden between cavities of envelope being found in construction activities.)	NO

*Consult with MTC as limitations are lifted to assess affected areas.*



### 3.3 A - Sample Procedures

Sample Locations (were selected at random). Minimum sampling requirements have met requirements of OSHA Regulations for Construction, Subpart D - Occupational Health and Environmental Controls, 29 CFR 1926.1101 - Asbestos. These OSHA regulations require for a material to be considered non-asbestos containing, that analysis of thermal system insulations and surfacing materials consist of a minimum three bulk samples being analyzed by a laboratory which participates in a nationally recognized testing program such as the National Voluntary Laboratory Accreditation Program (NVLAP) of the National Institute for Standards and Technology (NIST).

Where possible, samples were obtained in unobtrusive areas. Holes from core samples of thermal system insulation were repaired. The inspector performing the sampling had respiratory protection as required and performed the work in a professional and safe manner using wet methods and decontamination procedures as necessary to guard against localized building contamination.

The Sample Locations Summary section within Appendix A provides the site locations of each of the samples taken. The Homogeneous Material that the sample is taken from is represented in the sample number. The first one or two digits of the sample number represent the Homogeneous Material in which the sample was found. For example: Sample #101 was the first sample taken for Homogeneous Material #1. Sample #1104 was the fourth sample taken from Homogeneous Material #11.



### 3.4 A - Laboratory Procedures

All samples were properly packaged and sent by Federal Express to PEL Laboratories in Ann Arbor, Michigan for analysis. Preparation and analysis of bulk samples was completed using a Stereoscopic Reflected Light Microscope and Polarized Light Microscope with dispersion staining capabilities to comply with EPA/600/R-93/116, July 1993, "Method for the Determination of Asbestos in Bulk Building Materials". The PEL Laboratory results and Chain of Custody are included in Appendix A. All results have been summarized in the Homogeneous Material Report and the Building Survey Summary. Results pertaining to only asbestos containing materials and assumed asbestos containing materials have been summarized in the Asbestos Materials Summary.



#### 4.0 A - DISCLAIMER

This Asbestos testing report supports the Owner's requirements of a 'thorough inspection' under DEGLE's NESHAP-Asbestos Standard and the Duties of building and facility owners under MIOSHA Part 602, Asbestos in Construction Standard 1926.1101(k)(2)(i) and (k)(5)(ii)(A) show the presence, location, and quantity of Asbestos Containing Materials. The accessible areas of the work area described have been surveyed for building materials. Inaccessible materials due to building occupancy, inspector safety or irreparable damage to materials may not be sampled and will be documented as assumed to contain asbestos or as inaccessible. Quantities of Asbestos containing materials should be verified by contractor for bidding purposes.

Building Owners have obligations under MIOSHA Part 602, including but not limited to communicating this report to employees and employers working in the building; treating unidentified materials as assumed or presumed asbestos containing materials (PACM) and handling assumed and PACM as asbestos containing materials until tested for asbestos content; and communicating to employees and employers working in the building the hazards associated with the potential existence of hidden asbestos materials in cavities, vaults, pits, spaces below floor slabs and below other materials with instructions to stop work when suspect asbestos materials are encountered.

*Consult with Materials Testing Consultants for additional testing and assistance in project management; Including but not limited to, bid estimates, project design/specification, review of qualified bidders, and abatement air monitoring.*



REPORT OF HAZARDOUS WASTE MATERIALS SURVEY  
CADILLACE PLACE – ANNEX – 4<sup>TH</sup> FLOOR RENOVATION AREA  
3044 WEST GRAND BOULEVARD  
DETROIT, MICHIGAN 48202

## 1.0 B - INTRODUCTION

MATERIALS TESTING CONSULTANTS, INC. (MTC) has completed a Hazardous Waste Materials Survey for the Cadillac Place Annex, 4<sup>th</sup> floor renovation area located in Detroit, Michigan. This work has been performed as described in our 19344 R1 dated April 19, 2025. Authorization to proceed was received from Richard Mann, April 19, 2025. The scope of this study was described within the proposal.

The scope of this survey in general includes and presented herein are the following:

- Hazardous Waste Materials Management Recommendation
- Survey Procedures
- Limitations
- Hazardous Waste Materials Summary
- Function Area Map
- Hazardous Waste Materials Building Survey Summary



## 2.0 B - RECOMMENDATIONS

### 2.1 B - Material Management Recommendations

The following State and Federal Regulations apply to Hazardous Waste. If materials listed within are to be impacted these regulations are used as guidance to determine proper removal, hauling and disposal. Prior to any renovation/demolition activities, please contact Materials Testing Consultants, Inc to review proper handling procedures. Also, see Section 3.2 Limitations.

Hazardous Waste Materials Regulations		
Waste Type	State of Michigan Regulation	Federal Regulation
Hazardous Waste	Part 111 Hazardous Waste Management, and Part 121, Liquid Industrial By-Products, of the Natural Resources and Environmental Protection Act, 1994 PA 451	40 CFR part 260-279
Universal Waste	Part 111 Hazardous Waste Management, of the Natural Resources and Environmental Protection Act, 1994 PA 451	40 CFR part 273
Low Level Radioactive Waste	Michigan Legislature, Chapter 333 act 204 of 1987	10 CFR part 61
Polychlorinated Biphenyl (PCB)	No active state regulation	40 CFR part 761
Ozone Depleting Substances	Part 55 Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451	40 CFR part 82
Petroleum Oil/Lubricants	Part 121, Liquid Industrial By-Products, & Part 167 Used Oil Recycling of the Natural Resources and Environmental Protection Act, 1994 PA 451	40 CFR part 279
Hazardous Waste & Liquid Industrial By-Product Transportation	Part 111 Hazardous Waste Management, & Part 121, Liquid Industrial By-Products, of the Natural Resources and Environmental Protection Act, 1994 PA 451, & Michigan Legislature, Chapter 29 act 138 of 1998	40 CFR part 263



### 3.0 B - SURVEY METHODOLOGY

#### 3.1 B - Survey Procedures

Materials Testing Consultants, Inc. inspectors assigned Function Area numbers to individual rooms and continuous spaces and inspected each Function Area for quantity and location. Function areas which could not be accessed are listed in the Hazardous Waste Materials Building Survey Summary and noted on the Function Area Maps. See Appendix B.

Individual types of building materials encountered during the inspection were assigned homogeneous material numbers. Materials Testing Consultants, Inc. considered materials to be homogeneous only if they were similar in appearance, were located within the same building, and represented construction and/or renovation events which were completed over a set time or duration and which were likely completed by the same contractor.

For a listing of homogeneous materials, see the "Homogeneous Material Report", provided within Appendix B. The Homogeneous Material Report provides a quick summary of the presence and type of homogeneous material and total quantities of each material. This information can be of value when assessing removal and disposal costs associated with renovation and/or demolition activities.

Survey information has been provided within the Hazardous Waste Materials Building Survey Summary section within Appendix B. The Hazardous Waste Materials Building Survey Summary can be used when trying to assess the potential for impacting Hazardous Waste Materials when performing building maintenance activities, where removal and disposal is required. This summary will provide interested parties with a quick reference of all materials documented during the survey and quantity per Function Area.



### 3.2 B - Limitations

This report is applicable only to the items and location(s) listed herein. Review of report by the Project Manager is standard practice. This report has been prepared for the exclusive use of the client and any partial or whole reproduction without the consent of the client is prohibited. The areas described within was conducted by trained personnel in conducting building/stored materials surveys. Building/stored materials that may contain hazardous components are provided within and are assumed to be Hazardous Waste upon removal and disposal unless tested to confirm no hazardous components exist as defined by State and Federal Regulations. Universal Waste is based on guidelines from the State and Federal Regulations as described in Section 2.1. Universal Waste does not require testing to determine hazardous components. Please contact Materials Testing Consultants, Inc for testing building/stored materials.





## APPENDIX A

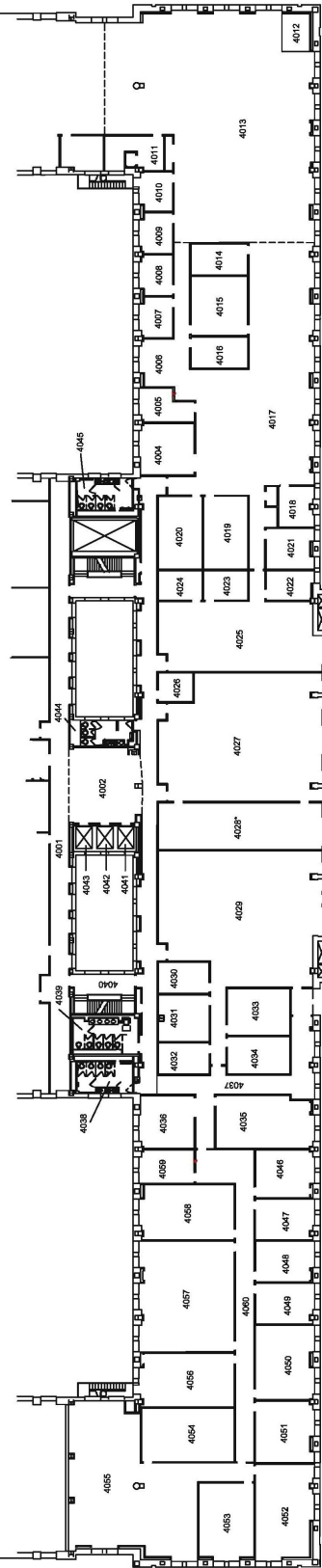
- FUNCTION AREA MAP
- ASBESTOS MATERIAL SUMMARY
- HOMOGENEOUS MATERIALS REPORT
- BUILDING SURVEY SUMMARY
- LABORATORY RESULTS
- CHAIN OF CUSTODY
- INSPECTOR CREDENTIALS



FUNCTION AREA MAP(S)



# CADILLAC PLACE MAIN BUILDING



TITLE: Cadillac Place, Annex, 4th Floor

PROJECT: Cadillac Place 4th Floor Renovations

SCALE: NONE

DATE: 4/28/25

PROJECT NO.: 251302

FIG. NO.: 1

DR. BY: TR

REV. BY: MP



MATERIALS TESTING CONSULTANTS



## ASBESTOS MATERIALS REPORT



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Asbestos Materials Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage		Approx. Quantity	Remarks
									0-1 ND	1-10 D(G)		
4031	4/21/2025	46	12" x 12" Floor Tile, Tan with Light and Dark Splotches	Chrysotile	2% (Tile Only)	NF	M	--	--	1-25 D(L)	433 Sq. Ft.	
4036	4/21/2025	14	Electrical Switch	Assumed	---	NF	M	--	--	>10 SD(G)	1 Each	
									>25 SD(L)			



## HOMOGENEOUS MATERIALS REPORT



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Homogeneous Material Report

Homogeneous Material (HM) Name	Homogeneous Material Number	Friable/Non-Friable	Asbestos Presence	Classification	Asbestos Type	Percentage	Quantity	
Plaster	1	NF	ND	S	None Detected	---	NQ	
Electrical Switch	14	NF	A	M	Assumed	---	1	Each
Drywall	18	NF	ND	S	None Detected	---	NQ	
Fire Proofing Putty-Red and Pink	23	NF	ND	M	None Detected	---	NQ	
2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	30	NF	ND	M	None Detected	---	NQ	
Interior Window Caulk, Brown	33	NF	ND	M	None Detected	---	NQ	
4" Vinyl Cove Base, Gray	41	NF	ND	M	None Detected	---	NQ	
Duct Caulk, Gray	43	NF	ND	M	None Detected	---	NQ	
Sink Undercoating, Gray	45	NF	ND	M	None Detected	---	NQ	
12" x 12" Floor Tile, Tan with Light and Dark Splotches	46	NF	K	M	Chrysotile	2% (Tile Only)	433	Sq. Ft.
Rolled Carpet with Green Adhesive	62	NF	ND	M	None Detected	--	NQ	
Door Frame Caulking on Drywall, White	63	NF	ND	M	None Detected	--	NQ	

### Legend Friable/Non-Friable

F = Friable  
NF = Non-Friable

### Asbestos Presence

K = known to contain asbestos  
A = assumed to contain asbestos  
ND = asbestos not detected by laboratory analysis  
NA = material identified as non-asbestos by

### Classification

T = thermal system insulation  
S = surfacing material  
M = miscellaneous material  
O = other hazardous material

### Quantity

NQ = Not Quantified



## BUILDING SURVEY SUMMARY





**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4027	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office Area
4027	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4027	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4027	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4027	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4027	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4028	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Storage
4028	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4028	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4028	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4028	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4028	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4029	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office Area



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4029	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4029	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4029	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4029	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4029	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4030	4/21/2025	1	Plaster	None Detected	---	NF	S	--	--	NQ	
4030	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	File Room
4030	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4030	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4030	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4030	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4031	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	
4031	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	Break Room



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

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## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4031	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4031	4/21/2025	45	Sink Undercoating, Gray	None Detected	---	NF	M	--	--	NQ	
4031	4/21/2025	46	12" x 12" Floor Tile, Tan with Light and Dark Splotches	Chrysotile	2% (Tile Only)	NF	M	--	--	433 Sq. Ft.	
4032	4/21/2025	1	Plaster	None Detected	---	NF	S	--	--	NQ	
4032	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	File Room
4032	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4032	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4032	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4032	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4033	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Conference Room
4033	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4033	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4033	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4033	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4033	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4034	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office Area
4034	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4034	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4034	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4034	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4035	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Conference Room
4035	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4035	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4035	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4035	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4035	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4036	4/21/2025	14	Electrical Switch	Assumed	---	NF	M	--	--	1 Each	
4036	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Mechanical Room
4036	4/21/2025	23	Fire Proofing Putty-Red and Pink	None Detected	---	NF	M	--	--	NQ	
4036	4/21/2025	23	Fire Proofing Putty-Red and Pink	None Detected	---	NF	M	--	--	NQ	
4036	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4036	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4036	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4036	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4037	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Hallway
4037	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4037	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	NQ	
4037	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4037	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4037	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4046	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office Area
4046	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4046	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	NQ	
4046	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4046	4/21/2025	43	Duct Caulk, Gray	None Detected	---	NF	M	--	--	NQ	
4046	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4046	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4047	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office Area
4047	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4047	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	NQ	
4047	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4047	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage 0-1 ND 1-10 D(G) 1-25 D(L) >10 SD(G) >25 SD(L)	Approx. Quantity	Remarks
4047	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4056	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Office/File Area
4056	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4056	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	NQ	
4056	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4056	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4056	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	
4057	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	NQ	Class Room
4057	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	NQ	
4057	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	NQ	
4057	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	NQ	
4057	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	NQ	
4057	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	NQ	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex

**Date:** 28-Apr-25

## Building Survey Summary

Function Area No.	Inspection Date	HA No.	Description	Asbestos Type	Asbestos Percent	Friable/ Non- friable	Classi- fication Therm.(T) Surf.(S) Misc.(M)	Damage Loc.(L) Gen.(G)	% Damage			Approx. Quantity	Remarks
									0-1 ND	1-10 D(G)	1-25 D(L)		
4058	4/21/2025	18	Drywall	None Detected	---	NF	S	--	--	--	--	NQ	Office Area
4058	4/21/2025	30	2' x 4' Ceiling Tile , White, Recessed, Fake 2' x 2' with Random Pin and Knife Holes	None Detected	---	NF	M	--	--	--	--	NQ	
4058	4/21/2025	33	Interior Window Caulk, Brown	None Detected	---	NF	M	--	--	--	--	NQ	
4058	4/21/2025	41	4" Vinyl Cove Base, Gray	None Detected	---	NF	M	--	--	--	--	NQ	
4058	4/21/2025	62	Rolled Carpet with Green Adhesive	None Detected	--	NF	M	--	--	--	--	NQ	
4058	4/21/2025	63	Door Frame Caulking on Drywall, White	None Detected	--	NF	M	--	--	--	--	NQ	





## LABORATORY RESULTS



674 South Wagner Road | Ann Arbor, MI 48103 | 877.220.3528

Client:	Material Testing Consultants	PEL Client No.:	30
Project Name:	Cadillac Place 4th Floor Renovation	PEL Work Order No.:	22504103
Project Address:	Staub Pettitt Yaste Architects	Date Received:	4/22/2025
Project No.:	251302	Date Analyzed:	4/23/25 - 4/24/25
Methodology:	EPA-600/M4-82-020 and EPA-600/R-93-116	Received By:	Ryan Shannon
T/A Time:	3-day	Analyzed By:	Kaylee Guzi
Project Contact :	Matthew Plummer	Sample Date:	4/21/2025

Report Version 1 (Initial)

PEL Sample No.	Client Sample No.:	Composition	Color	Description	Asbestos Presence/Absence & Type (if present)	%	Non-Asbestos Fiber Type	%	Primary Matrix Type	Location
1	108	Homogeneous	Grey	Plaster	No Asbestos Detected		Hair	<1	Quartz	04027- SE column, 9' up
1A		Homogeneous	White	Skim Coat	No Asbestos Detected				Calcium Carbonate	04027- SE column, 9' up
2	109	Homogeneous	Grey	Plaster	No Asbestos Detected		Hair	<1	Quartz	04029- S column, 9' up
2A		Homogeneous	White	Skim Coat	No Asbestos Detected				Calcium Carbonate	04029- S column, 9' up
3	110	Homogeneous	Grey	Plaster	No Asbestos Detected		Hair	<1	Quartz	04029- S column, 9' up
3A		Homogeneous	White	Skim Coat	No Asbestos Detected				Calcium Carbonate	04029- S column, 9' up
4	111	Homogeneous	Grey	Plaster	No Asbestos Detected		Hair	<1	Quartz	04046- S column, 9' up
4A		Homogeneous	White	Skim Coat	No Asbestos Detected				Calcium Carbonate	04046- S column, 9' up
5	1804	Homogeneous	White	Joint Compound	No Asbestos Detected				Calcium Carbonate	04027-12' E of SW corner, 9' up on wall
5A		Homogeneous	Grey	Drywall	No Asbestos Detected				Gypsum	04027-12' E of SW corner, 9' up on wall
6	1805	Homogeneous	White	Joint Compound	No Asbestos Detected				Calcium Carbonate	04030- Center of W wall, 9' up
6A		Homogeneous	Grey	Drywall	No Asbestos Detected				Gypsum	04030- Center of W wall, 9' up
7	1806	Homogeneous	White	Joint Compound	No Asbestos Detected				Calcium Carbonate	04030- Center of E wall, 9' up
7A		Homogeneous	Grey	Drywall	No Asbestos Detected				Gypsum	04030- Center of E wall, 9' up
8	2302	Homogeneous	Red	Fire Proofing Putty	No Asbestos Detected					04058 At floor penetration
9	3002	Homogeneous	Grey	Ceiling Tile	No Asbestos Detected		Cellulose	90		04037 Center of Hallway
							Fiberglass	10		
10	3302	Homogeneous	Grey	Caulk	No Asbestos Detected				Silicone	04029- SW Window, bottom of frame

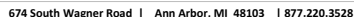


674 South Wagner Road | Ann Arbor, MI 48103 | 877.220.3528

Client:	Material Testing Consultants	PEL Client No.:	30
Project Name:	Cadillac Place 4th Floor Renovation	PEL Work Order No.:	22504103
Project Address:	Staub Pettitt Yaste Architects	Date Received:	4/22/2025
Project No.:	251302	Date Analyzed:	4/23/25 - 4/24/25
Methodology:	EPA-600/M4-82-020 and EPA-600/R-93-116	Received By:	Ryan Shannon
T/A Time:	3-day	Analyzed By:	Kaylee Guzi
Project Contact :	Matthew Plummer	Sample Date:	4/21/2025

Report Version 1 (Initial)

PEL Sample No.	Client Sample No.:	Composition	Color	Description	Asbestos Presence/Absence & Type (if present)	%	Non-Asbestos Fiber Type	%	Primary Matrix Type	Location
11	4102	Homogeneous	Grey	Cove Base	No Asbestos Detected				Binder	04027- 5' E of SW corner, 3" up
11A		Homogeneous	White	Mastic	No Asbestos Detected				Glue	04027- 5' E of SW corner, 3" up
12	4103	Homogeneous	Grey	Cove Base	No Asbestos Detected				Binder	04030-Center of W wall, 3" up
12A		Homogeneous	White	Mastic	No Asbestos Detected				Glue	04030-Center of W wall, 3" up
13	4302	Homogeneous	Grey	Duct Caulk	No Asbestos Detected					04031-At blower unit M center, above DCT
14	4502	Homogeneous	Grey	Sink Undercoating	No Asbestos Detected		Cellulose	10		04031 Bottom of sink
15	4602	Homogeneous	Beige	Floor Tile	No Asbestos Detected				Calcium Carbonate	04031 In corner, behind door
15A		Homogeneous	Brown	Mastic	No Asbestos Detected				Glue	04031 In corner, behind door
16	6101	Homogeneous	Grey	Concrete	No Asbestos Detected				Calcium Carbonate	04058
17	6102	Homogeneous	Grey	Concrete	No Asbestos Detected				Calcium Carbonate	04036
18	6103	Homogeneous	Grey	Concrete	No Asbestos Detected				Calcium Carbonate	04036
19	6201	Homogeneous	Grey	Carpet	No Asbestos Detected		Synthetic	100		04027 At NW doorway to FA#4028
19A		Homogeneous	Green	Carpet Mastic	No Asbestos Detected				Glue	04027 At NW doorway to FA#4028
20	6202	Homogeneous	Grey	Carpet	No Asbestos Detected		Synthetic	100		04047 Along W Wall, center, at floor
20A		Homogeneous	Green	Carpet Mastic	No Asbestos Detected				Glue	04047 Along W Wall, center, at floor
21	6301	Homogeneous	White	Caulk	No Asbestos Detected		Cellulose	2	Calcium Carbonate	04027 NW Doorway to FA #4028, left side, 5' up

Report Version 1 (Initial)Analyst

Signature: \_\_\_\_\_

Date of Report :

4/24/2025

Reviewer

Signature:

Date of Report :

4/24/2025

PEL Laboratories is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP) 600205-0, for performing polarized light microscopy (PLM) analyses under methods known as App. E to Sub. E of 40 CFR Part 762 and EPA/600/R-93/116. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. These results relate only to the samples tested and must not be reproduced, except in full, without the approval of the laboratory. Although PLM analysis is commonly performed to determine the presence or absence of asbestos in building materials, the EPA methods acknowledge that analysis by PLM is subject to limitations and for certain materials, such as vermiculite and vinyl floor tiles, a more sophisticated methodology may be necessary.

**EMSL Analytical, Inc.**

2001 East 52nd St., Indianapolis, IN 46205

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.emsl.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 161301818

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
101-Finish Coat 161301818-0001		White Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
101-Base Coat 161301818-0001A		Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (other)	None Detected
102 161301818-0002		Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	None Detected
103-Finish Coat 161301818-0003		White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
103-Base Coat 161301818-0003A		Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (other)	None Detected
104-Finish Coat 161301818-0004		White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
104-Base Coat 161301818-0004A		Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (other)	None Detected

Analyst(s)

Christopher Bovard (93)

Craig Nixon (9)

Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09

**EMSL Analytical, Inc.**

2001 East 52nd St., Indianapolis, IN 46205

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.emsl.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 161301818

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
105-Finish Coat 161301818-0005		White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
105-Base Coat 161301818-0005A		Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (other)	None Detected
106-Finish Coat 161301818-0006		White/Silver Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
107 161301818-0006A		Gray/White Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
106-Base Coat 161301818-0006B		Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	None Detected
201-Floor Tile 161301818-0007		Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
201-Mastic 161301818-0007A		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Christopher Bovard (93)

Craig Nixon (9)

Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09

**EMSL Analytical, Inc.**

2001 East 52nd St., Indianapolis, IN 46205

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.emsl.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 161302204

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 02/15/13 10:15 AM  
Analysis Date: 2/20/2013  
Collected: 2/13/2013

Project: 121268

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
401 161302204-0001		White Fibrous Heterogeneous	20% Cellulose	40% Non-fibrous (other)	<b>40% Chrysotile</b>
Sample changed from 402 to 401 to match the COC.					
402 161302204-0002		White Fibrous Homogeneous	20% Cellulose	40% Non-fibrous (other)	<b>40% Chrysotile</b>
Sample changed from 403 to 402 to match the COC.					
802 161302204-0003		Gray Fibrous Heterogeneous	20% Cellulose	50% Non-fibrous (other)	<b>30% Chrysotile</b>
803 161302204-0004		Gray Fibrous Homogeneous	30% Cellulose	40% Non-fibrous (other)	<b>30% Chrysotile</b>
3904 161302204-0005		Brown Fibrous Homogeneous	25% Cellulose	20% Mica 55% Non-fibrous (other)	<b>None Detected</b>
3905 161302204-0006		Brown Fibrous Homogeneous	25% Cellulose	20% Mica 55% Non-fibrous (other)	<b>None Detected</b>

Analyst(s)

Craig Nixon (3)

Ross Matlock (3)

Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/20/2013 12:33:30

**EMSL Analytical, Inc.**

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EMSL Order: 161301818

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
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Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
301-Cove Base 161301818-0008		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
301-Mastic 161301818-0008A		Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
401 161301818-0009		Brown/Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
501 161301818-0010		Tan Fibrous Homogeneous	90% Cellulose 5% Synthetic	5% Non-fibrous (other)	None Detected
The sample group is not homogeneous					
502 161301818-0011		White Fibrous Heterogeneous	20% Cellulose	38% Non-fibrous (other)	40% Chrysotile 2% Crocidolite
The sample group is not homogeneous					
503 161301818-0012		Gray Fibrous Homogeneous	10% Cellulose 5% Synthetic	85% Non-fibrous (other)	None Detected
The sample group is not homogeneous					
601 161301818-0013		Tan/White Fibrous Heterogeneous	20% Cellulose	50% Non-fibrous (other)	30% Chrysotile

Analyst(s)

Christopher Bovard (93)

Craig Nixon (9)

Richard Harding, Laboratory Manager  
or other approved signatory

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
701 161301818-0014		Gray Fibrous Heterogeneous	20% Cellulose	35% Non-fibrous (other)	45% Chrysotile
801-Mastic 161301818-0015		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
801-Cork 161301818-0015A		Brown Non-Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
801-Insulation 161301818-0015B		Gray Fibrous Heterogeneous	20% Cellulose 45% Hair	35% Non-fibrous (other)	None Detected
901 161301818-0016		Gray Fibrous Heterogeneous	20% Cellulose	35% Non-fibrous (other)	45% Chrysotile
1001 161301818-0017		White/Beige Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
1101 161301818-0018		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
1201 161301818-0019		White/Black Fibrous Heterogeneous	45% Glass	55% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
1301 161301818-0020		Gray Fibrous Homogeneous		40% Non-fibrous (other)	60% Chrysotile
1501-Floor Tile 161301818-0021		Red Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
1501-Mastic 161301818-0021A		Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
Result includes a small amount of inseparable attached material					
1601-Cove Base 161301818-0022		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1601-Mastic 161301818-0022A		Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1701 161301818-0023		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1801-Drywall 161301818-0024		Brown/White Fibrous Heterogeneous	35% Cellulose 5% Glass	45% Gypsum 15% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
1801-Joint Compound 161301818-0024A		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
1802 161301818-0025		White Non-Fibrous Homogeneous	5% Cellulose	90% Gypsum 5% Non-fibrous (other)	None Detected
1803-Drywall 161301818-0026		Brown/White Fibrous Heterogeneous	20% Cellulose 2% Glass	70% Gypsum 8% Non-fibrous (other)	None Detected
1803-Joint Compound 161301818-0026A		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1901-Floor Tile 161301818-0027		Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
1901-Mastic 161301818-0027A		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2001 161301818-0028		Beige Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
2101 161301818-0029		Brown/Gray Fibrous Heterogeneous	80% Cellulose 10% Synthetic	10% Non-fibrous (other)	None Detected
2102 161301818-0030		Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2103 161301818-0031		Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2201 161301818-0032		White/Silver Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (other)	None Detected
2301 161301818-0033		Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2401 161301818-0034		Brown/Black Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
2501-Floor Tile 161301818-0035		Red/Silver Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
2501-Mastic 161301818-0035A		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
2701 161301818-0036		Gray Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
2702 161301818-0037		Gray Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
2703 161301818-0038		Gray Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
2801 161301818-0039		Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2802 161301818-0040		Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2803 161301818-0041		Brown/Black Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2901 161301818-0042		Beige Non-Fibrous Homogeneous	15% Cellulose 3% Glass	82% Non-fibrous (other)	None Detected
2902 161301818-0043		Beige Fibrous Homogeneous	15% Cellulose 3% Glass	82% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
2903 161301818-0044		Beige Fibrous Homogeneous	15% Cellulose 3% Glass	82% Non-fibrous (other)	None Detected
3001 161301818-0045		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
3101 161301818-0046		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
3201 161301818-0047		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
3301 161301818-0048		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3401 161301818-0049		Gray/White Fibrous Homogeneous	60% Cellulose 20% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
3501 161301818-0050		Brown/Gray Fibrous Heterogeneous	15% Cellulose	30% Non-fibrous (other)	55% Chrysotile
3601-Floor Tile 161301818-0051		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
3601-Mastic 161301818-0051A		Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3701 161301818-0052		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
3801 161301818-0053		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
3901 161301818-0054		Tan Fibrous Homogeneous	15% Cellulose	25% Mica 60% Non-fibrous (other)	None Detected
3902 161301818-0055		Tan Fibrous Homogeneous	15% Cellulose	25% Mica 60% Non-fibrous (other)	None Detected
3903 161301818-0056		Tan Fibrous Homogeneous	15% Cellulose	25% Mica 60% Non-fibrous (other)	None Detected
4001 161301818-0057		Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
4101 161301818-0058		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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			% Fibrous	% Non-Fibrous	% Type
4201 161301818-0059		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4301 161301818-0060		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4401 161301818-0061		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
4501 161301818-0062		Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
4601-Floor Tile 161301818-0063		Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
4601-Mastic 161301818-0063A		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4701-Cove Base 161301818-0064		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4701-Mastic 161301818-0064A		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09



**EMSL Analytical, Inc.**

2001 East 52nd St., Indianapolis, IN 46205

Phone/Fax: (317) 803-2997 / (317) 803-3047

<http://www.emsl.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 161301818

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
4801-Ceiling Tile 161301818-0065		Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
4801-Mastic 161301818-0065A		Brown Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
4901 161301818-0066		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5001 161301818-0067		Gray/Clear Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5101 161301818-0068		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5201 161301818-0069		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
Inseparable paint / coating layer included in analysis					
5202 161301818-0070		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
Inseparable paint / coating layer included in analysis					

Analyst(s)

Christopher Bovard (93)

Craig Nixon (9)

Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09

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EMSL Order: 161301818

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Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

**Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy**

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
5203 161301818-0071		White Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
Inseparable paint / coating layer included in analysis					
5301 161301818-0072		Tan/Red Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
5401 161301818-0073		White/Black Fibrous Heterogeneous	65% Glass	35% Non-fibrous (other)	None Detected
5501-Ceiling Tile 161301818-0074		Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
5501-Mastic 161301818-0074A		Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
5601 161301818-0075		Gray/Tan Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
5701-Floor Tile 161301818-0076		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5701-Mastic 161301818-0076A		Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Christopher Bovard (93)

Craig Nixon (9)

Richard Harding, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09

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<http://www.emsl.com>[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 161301818

CustomerID: MATE53

CustomerPO:

ProjectID:

Attn: **Chris Kestner**  
**Materials Testing Consultants**  
**693 Plymouth N. E.**  
**Grand Rapids, MI 49505**

Phone: (616) 456-5469  
Fax: (616) 456-5784  
Received: 01/29/13 10:10 AM  
Analysis Date: 2/12/2013  
Collected: 1/22/2013

Project: 121268

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
5801 161301818-0077		Gray/White Fibrous Homogeneous	40% Cellulose 40% Min. Wool	15% Perlite 5% Non-fibrous (other)	None Detected
5901-Cove Base 161301818-0078		Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5901-Mastic 161301818-0078A		Yellow/Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6001 161301818-0079		Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Craig Nixon (9)

Richard Harding, Laboratory Manager  
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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from 02/12/2013 13:29:09



CHAIN OF CUSTODY



22504103

PROJECT NO.: 251302  
PROJECT NAME: Cadillac Place 4th Floor Renovation Asbestos  
CLIENT: Straub Pettitt Vaste Architects NESHAAP Survey

PEL Shipping

CHAIN OF CUSTODY

Report to: ☒ Matthew Plummer  
☐ Chris Kestner  
☒ Tim Raymond  
☐ other: \_\_\_\_\_

Email to: ☒ Matthew Plummer Mplummer@mtc-test.com  
☐ Chris Kestner Ckestner@mtc-test.com  
☒ Tim Raymond Traymond@mtc-test.com  
☐ other: \_\_\_\_\_

Analysis Requested: ☒ Asbestos: PLM EPA 600  
☐ Paint: FAA, Lead  
☐ Paint: FAA, Lead, Cadmium, Chromium  
☐ Other: \_\_\_\_\_

Turnaround Time: ☐ 1 week  
☒ 72 hour (Standard)  
☐ Other: \_\_\_\_\_

QA Check by:  
☐ Matthew Plummer  
☐ Chris Kestner

Sampled by: Tim Raymond  
Remarks: \_\_\_\_\_

Sample Date: 4/21/25

Relinquished by: [Signature]

Date/Time: 4/22/25

Positive Stop: Yes / No

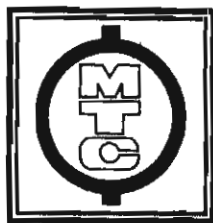
Tracking Number: \_\_\_\_\_

No. of samples submitted 22

Received by: 125 FE

Date/Time: 4/22/25 10:10

No. of pages attached 2



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**T**esting  
**C**onsultants  
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PROJECT NO.: 121268

161301818

10/8

PROJECT  
CLIENT

Annex State Office Building  
Michigan Dept. of Tech., Mgmt. & Budg.

## CHAIN OF CUSTODY

Verbal Results to: Chris Kestner

Written Report to: Chris Kestner

Telephone No.: 616-456-5469

Turnaround Time: 2 Weeks

FAX No.: 616-456-5784

PO #: NA

Email: ckestner@mateco.com

Attached Documents: NA

Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
101-	Plaster	RV	1/22/13	Bulk	None	PLM	--
102	Plaster	RV	1/22/13	Bulk	None	PLM	--
103	Plaster	RV	1/22/13	Bulk	None	PLM	--
104	Plaster	RV	1/22/13	Bulk	None	PLM	--
105	Plaster	RV	1/22/13	Bulk	None	PLM	--
106	Plaster	RV	1/22/13	Bulk	None	PLM	--
107	Plaster	RV	1/22/13	Bulk	None	PLM	--
201	12" x 12" Floor Tile - Tan with Brown Streaks	RV	1/22/13	Bulk	None	PLM	--
301	Vinyl Cove Base - Brown, 6"	RV	1/22/13	Bulk	None	PLM	--
401	Aircell <6"	RV	1/22/13	Bulk	None	PLM	--
501	Woolfelt <6"	RV	1/22/13	Bulk	None	PLM	--

Relinquished by:

Date:

Time:

Received by:

	1/28/2012	18:00	Federal Express
	1-29-13	10:10 AM	<i>[Signature]</i>

80



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PROJECT NO.: 121268

1818  
2018

PROJECT Annex State Office Building  
CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

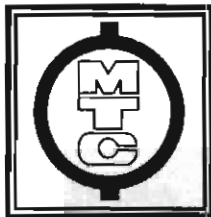
**CHAIN OF CUSTODY**

Verbal Results to: Chris Kestner Written Report to: Chris Kestner  
Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
502	Woolfelt <6"	RV	1/22/13	Bulk	None	PLM	--
503	Woolfelt <6"	RV	1/22/13	Bulk	None	PLM	--
601	Mag. Pipe Insulation <6"	RV	1/22/13	Bulk	None	PLM	--
701	Mudded Fittings on Aircell	RV	1/22/13	Bulk	None	PLM	--
801	Mudded Fittings on Woolfelt	RV	1/22/13	Bulk	None	PLM	--
901	Mudded Fittings on Mag.	RV	1/22/13	Bulk	None	PLM	--
1001	2' x 2' Ceiling Tile - White with Random Knife and Pin Holes	RV	1/22/13	Bulk	None	PLM	--
1101	2' x 4' Ceiling Tile - White with Random Pin and Pen Holes	RV	1/22/13	Bulk	None	PLM	--
1201	Vibration Dampening Cloth - Black	RV	1/22/13	Bulk	None	PLM	--
1301	Duct Insulation	RV	1/22/13	Bulk	None	PLM	--
1501	9" x 9" Floor Tile - Burgundy with White Streaks	RV	1/22/13	Bulk	None	PLM	--

Relinquished by:	Date:	Time:	Received by:
	1/28/2012	18:00	Federal Express
	1-29-13	10 10	SB



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PROJECT NO.: 121268

1818  
308

PROJECT Annex State Office Building  
CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

## CHAIN OF CUSTODY

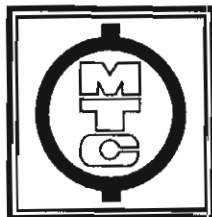
Verbal Results to: Chris Kestner Written Report to: Chris Kestner  
Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
1601	Vinyl Cove Base - Black 4"	RV	1/22/13	Bulk	None	PLM	--
1701	Vinyl Cove Base - Black 6"	RV	1/22/13	Bulk	None	PLM	--
1801	Drywall	RV	1/22/13	Bulk	None	PLM	--
1802	Drywall	RV	1/22/13	Bulk	None	PLM	--
1803	Drywall	RV	1/22/13	Bulk	None	PLM	--
1901	9" x 9" Floor Tile - Gray with White and Red Streaks	RV	1/22/13	Bulk	None	PLM	--
2001	9" x 9" Floor Tile - Beige with White and Red Streaks	RV	1/22/13	Bulk	None	PLM	--
2101	Cork Insulated Piping	RV	1/22/13	Bulk	None	PLM	--
2102	Cork Insulated Piping	RV	1/22/13	Bulk	None	PLM	--
2103	Cork Insulated Piping	RV	1/22/13	Bulk	None	PLM	--
2201	2' x 2' Ceiling Tile - White, Textured, Recessed	RV	1/22/13	Bulk	None	PLM	--

Relinquished by:	Date:	Time:	Received by:
	1/28/2012	18:00	Federal Express
	1-29-13	10:10	SB





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PROJECT NO.: 121268

1818  
4/8/8

PROJECT: Annex State Office Building  
CLIENT: Michigan Dept. of Tech., Mgmt. & Budg.

## CHAIN OF CUSTODY

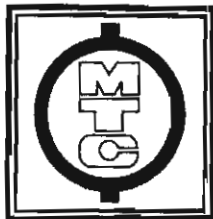
Verbal Results to: Chris Kestner  
Telephone No.: 616-456-5469  
FAX No.: 616-456-5784  
Email: ckestner@mateco.com  
Delivered By: Federal Express

Written Report to: Chris Kestner  
Turnaround Time: 2 Weeks  
PO #: NA  
Attached Documents: NA

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
2301	Fire Proofing Putty - Red and Pink	RV	1/22/13	Bulk	None	PLM	--
2401	Flooring-Black	RV	1/22/13	Bulk	None	PLM	--
2501	9" x 9" Floor Tile-Red with White Streaks	RV	1/22/13	Bulk	None	PLM	--
2701	Mudded Fittings on Fiberglass	RV	1/22/13	Bulk	None	PLM	--
2702	Mudded Fittings on Fiberglass	RV	1/22/13	Bulk	None	PLM	--
2703	Mudded Fittings on Fiberglass	RV	1/22/13	Bulk	None	PLM	--
2801	Mudded Fittings on Cork Pipe	RV	1/22/13	Bulk	None	PLM	--
2802	Mudded Fittings on Cork Pipe	RV	1/22/13	Bulk	None	PLM	--
2803	Mudded Fittings on Cork Pipe	RV	1/22/13	Bulk	None	PLM	--
2901	Emergency Gen. Exhaust Piping	RV	1/22/13	Bulk	None	PLM	--
2902	Emergency Gen. Exhaust Piping	RV	1/22/13	Bulk	None	PLM	--

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PROJECT NO.: 121268

1818  
SB3

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CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

### CHAIN OF CUSTODY

Verbal Results to: Chris Kestner Written Report to: Chris Kestner  
Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
2903	Emergency Gen. Exhaust Piping	RV	1/22/13	Bulk	None	PLM	--
3001	2' x 4' Ceiling Tile - White, Recessed, Fake 2x2 with Random Pin and Knife Holes	RV	1/22/13	Bulk	None	PLM	--
3101	2' x 4' Ceiling Tile - White with Random Pen Holes and Gouges	RV	1/22/13	Bulk	None	PLM	--
3201	2' x 4' Ceiling Tile - White with Random Pin and Knife Holes	RV	1/22/13	Bulk	None	PLM	--
3301	Interior Window Caulk-Brown	RV	1/22/13	Bulk	None	PLM	--
3401	2' x 2' Ceiling Tile - White with Random Pin and Pen Holes	RV	1/22/13	Bulk	None	PLM	--
3501	Aircell >6"	RV	1/22/13	Bulk	None	PLM	--
3601	12" x 12" Floor Tile - Off White with Green and Brown Splotches	RV	1/22/13	Bulk	None	PLM	--
3701	Vinyl Sheet Flooring - Brown, Bubble Pattern	RV	1/22/13	Bulk	None	PLM	--
3801	2' x 2' Ceiling Tile - White with Random Pen Holes and Gouges	RV	1/22/13	Bulk	None	PLM	--
3901	Spray on Fireproofing - Brown	RV	1/22/13	Bulk	None	PLM	--

Relinquished by:	Date:	Time:	Received by:
	1/28/2012	18:00	Federal Express
	1-29-13	1010	SB



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PROJECT NO. 121268

1813

6087

PROJECT Annex State Office Building  
CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

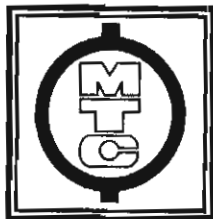
**CHAIN OF CUSTODY**

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Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
3902	Spray on Fireproofing - Brown	RV	1/22/13	Bulk	None	PLM	--
3903	Spray on Fireproofing - Brown	RV	1/22/13	Bulk	None	PLM	--
4001	Vinyl Sheet Flooring - Black Square Pattern	RV	1/22/13	Bulk	None	PLM	--
4101	Vinyl Cove Base - Gray 4"	RV	1/22/13	Bulk	None	PLM	--
4201	Hanger Caulking - Brown	RV	1/22/13	Bulk	None	PLM	--
4301	Duct Caulk - Gray	RV	1/22/13	Bulk	None	PLM	--
4401	2' x 4' Ceiling Tile - White, Textured with Random Pin Holes	RV	1/22/13	Bulk	None	PLM	--
4501	Sink Undercoating - Gray	RV	1/22/13	Bulk	None	PLM	--
4601	12" x 12" Floor Tile - Tan with Light and Dark Splotches	RV	1/22/13	Bulk	None	PLM	--
4701	Vinyl Cove Base - Brown 4"	RV	1/22/13	Bulk	None	PLM	--
4801	12" x 12" Ceiling Tile, White with 1" x 1" Square Pattern, Glued on with Brown Glue Pods	RV	1/22/13	Bulk	None	PLM	--

Relinquished by:	Date:	Time:	Received by:
	1/28/2012	18:00	Federal Express
	1-29-13	1010	JB



# Materials Testing Consultants

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PROJECT NO.: 121268

1818

708

PROJECT Annex State Office Building  
CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

## CHAIN OF CUSTODY

Verbal Results to: Chris Kestner Written Report to: Chris Kestner  
Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
4901	12" x 12" Floor Tile - Gray with Dark Agates	RV	1/22/13	Bulk	None	PLM	--
5001	12" x 12" Floor Tile - Black with Gray Agates	RV	1/22/13	Bulk	None	PLM	--
5101	12" x 12" Floor Tile - Gray with Dark Agates (Old)	RV	1/22/13	Bulk	None	PLM	--
5201	Plaster - Textured, Rough	RV	1/22/13	Bulk	None	PLM	--
5202	Plaster - Textured, Rough	RV	1/22/13	Bulk	None	PLM	--
5203	Plaster - Textured, Rough	RV	1/22/13	Bulk	None	PLM	--
5301	12" x 12" Floor Tile - Rustish With Light Brown and Tan Splotches	RV	1/22/13	Bulk	None	PLM	--
5401	Vibration Dampening Cloth - Green	RV	1/22/13	Bulk	None	PLM	--
5501	12" x 12" Ceiling Tile - White With Uniform Pencil Holes Glued On With Brown Glue Pods	RV	1/22/13	Bulk	None	PLM	--
5601	Felt Paper - Floor	RV	1/22/13	Bulk	None	PLM	--
5701	12" x 12" Floor Tile - Gray with Dark Gray and White Marbling (Also Includes Yellow and Blue)	RV	1/22/13	Bulk	None	PLM	--

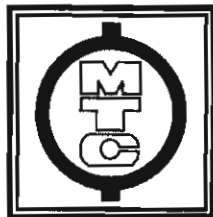
Relinquished by:

Date:

Time:

Received by:

	1/28/2012	18:00	Federal Express
	1-29-13	1010	S/B



**Materials  
Testing  
Consultants**

www.mtc-test.com • 800.968.8378

PROJECT NO.: 121268

1818  
808

PROJECT Annex State Office Building  
CLIENT Michigan Dept. of Tech., Mgmt. & Budg.

**CHAIN OF CUSTODY**

Verbal Results to: Chris Kestner Written Report to: Chris Kestner  
Telephone No.: 616-456-5469 Turnaround Time: 2 Weeks  
FAX No.: 616-456-5784 PO #: NA  
Email: ckestner@mateco.com Attached Documents: NA  
Delivered By: Federal Express

REMARKS: Please e-mail results when complete.

Client No.	Sample Description	Sampled By	Date Sampled	Type of Sample	Air Volume	Analysis Requested	MTC No.
5801	2' x 4' Ceiling Tile - White, Smooth Finish	RV	1/22/13	Bulk	None	PLM	--
5901	Vinyl Cove Base- Dark Gray 4"	RV	1/22/13	Bulk	None	PLM	--
6001	12" x 12" Floor Tile - White with Gray Flecks	RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--
		RV	1/22/13	Bulk	None	PLM	--

Relinquished by:	Date:	Time:	Received by:
	1/28/2012	18:00	Federal Express
	1-29-13	10 10	SB



## INSPECTOR CREDENTIALS



<b>Timothy Raymond</b>	
693 Plymouth Avenue North East, Grand Rapids, MI 49505 XXX-XX-1925	
has successfully completed a half day refresher course which meets the accreditation requirements for:	
<b>BUILDING INSPECTOR</b>	
under State of Michigan Public Act 440 of 1988, as amended	
Course Date:	September 10, 2024
Expiration Date:	September 10, 2025
Certificate Number:	2024-432
	
	
Jeffrey S. Gross, Instructor	
<b>Class held at: Performance Environmental Services, Inc.</b>	
28004 Center Oaks Court, Suite 201, Wixom, Michigan 48393	
(248) 926.3800	



## APPENDIX B

- FUNCTION AREA MAP
- HOMOGENEOUS MATERIALS REPORT
- HAZARDOUS WASTE MATERIALS BUILDING SURVEY SUMMARY
- PAINT CHIP – LEAD, CADMIUM, CHROMIUM REPORT

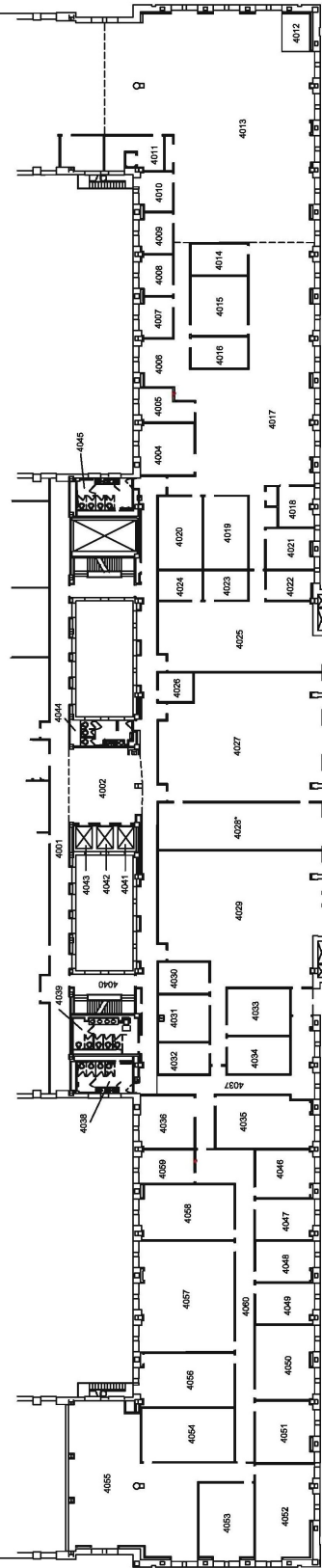




FUNCTION AREA MAP(S)



# CADILLAC PLACE MAIN BUILDING



TITLE: Cadillac Place, Annex, 4th Floor

PROJECT: Cadillac Place 4th Floor Renovations

SCALE: NONE

DATE: 4/28/25

PROJECT NO.: 251302

FIG. NO.: 1

DR. BY: TR

REV. BY: MP



MATERIALS TESTING CONSULTANTS



## HOMOGENEOUS MATERIALS REPORT



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex Building

**Date:** 30-Apr-25

## Homogeneous Material Report

Homogeneous Material (HM) Name	Homogeneous Material Number	Hazardous Waste Presense	Presence	Classifi- cation	Hazardous Content	Hazardous Waste Concentration	Quantity
Door Closer	1	A	Hazardous Waste	H	PCB	NS	12 Each
Tube Lights	2	K	Universal Waste	U	Heavy Metals	NS	162 Each
Fire Extinguisher	4	K	Universal Waste	U	Aerosol	NS	1 Each

### Legend

#### Hazardous Waste Concentration

NS = Not Sampled

#### Hazardous Waste Presence

K = known to contain hazardous waste component  
A = assumed to contain hazardous waste component

#### Classification

H = Hazardous Waste  
U = Universal Waste

#### Quantity

NQ = Not Quantified



## HAZARDOUS WASTE MATERIALS BUILDING SURVEY SUMMARY



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex Building

**Date:** 30-Apr-25

## Hazardous Waste Materials Building Survey Summary

Function Area No.	Inspection Date	HM No.	Homogeneous Material Name		Presence	Classification Unv(U) Haz(H)	Hazardous Content	Hazardous Waste Concentration	Approx. Quantity	Remarks
4027	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	4 Each	
4027	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	24 Each	
4028	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	12 Each	
4029	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	24 Each	
4030	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4031	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	12 Each	
4032	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4033	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4034	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4035	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	12 Each	
4037	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	3 Each	
4046	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4047	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	



**Job No.:** 251302

**Facility:** Cadillac Place 4th Floor Renovation Asb Survey

**Building:** Cadillac Place - Annex Building

**Date:** 30-Apr-25

## Hazardous Waste Materials Building Survey Summary

Function Area No.	Inspection Date	HM No.	Homogeneous Material Name		Presence	Classification Unv(U) Haz(H)	Hazardous Content	Hazardous Waste Concentration	Approx. Quantity	Remarks
4048	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4049	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4050	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4051	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4056	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	1 Each	
4056	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4057	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	2 Each	
4057	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4058	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	1 Each	
4058	4/29/2025	2	Tube Lights	K	Universal Waste	U	Heavy Metals	NS	6 Each	
4060	4/29/2025	1	Door Closer	A	Hazardous Waste	H	PCB	NS	1 Each	
4060	4/29/2025	4	Fire Extinguisher	K	Universal Waste	U	Aerosol	NS	1 Each	



## PAINT CHIP – LEAD CADNIUM, CHROMIUM REPORT





PROJECT NO.: 251302  
REPORT DATE: 4/28/2025  
SHEET: 1 of 6

PROJECT Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
CLIENT Straub Pettitt Yaste Architects

### PAINT CHIP TESTING REPORT

LOCATION(S): Cadillac Place, Annex, 4<sup>th</sup> Floor Renovation Area  
SAMPLING DATE(S): 4/21/25  
CODE OR STANDARD: MIOSHA Part 309-Cadmium, Part 603-Lead, Part 604-Chromium Exposure in Construction  
MTC PROCEDURE: Following ASTM E1729-05  
EQUIPMENT: Heat Gun, Metal Scraper, Tape, Paper, Collection Bag

#### Results Assessments:

The enclosed lab report for the three [3] paint sample(s) collected from the project site shows concentrations of lead, cadmium and chromium. Concentrations below the laboratory detection limit is indicated by the “<” symbol preceding the concentration on the attached lab reports. Due to limitations of the analytical method, the laboratory could not determine the concentration below the laboratory detection value. Detection limits are part of analytical procedures for any method. Concentrations above the detection limit are reported as determined. Sample locations are provided on the lab report.

Remediation or abatement of painted surfaces is not a requirement under the Construction Standard, nor under any standard. The concentration of lead, cadmium or chromium does not trigger a requirement to remove painted surfaces prior to construction. According to OSHA, regarding the Lead in Construction, 29 CFR 1926.62 standard and in interpretation letters dated March 1, 1999 and September 10, 2008, employers must comply with assessment measures and any applicable protections of that standard for all tasks governed by the standard involving paints having **any** level of lead. OSHA further indicates that exposures above the PEL can occur when disturbing paint at “extremely low concentrations”. It is expected that this level of interpretation applies to cadmium and chromium levels for their respective standards.

#### Recommendations:

To comply with the OSHA and MIOSHA Construction Safety and Health standards governing worker exposure to lead, MTC recommends that each employer impacting painted surfaces review the regulatory standards to determine if work tasks are likely to cause worker exposure above the PEL either by using objective data or prior exposure assessments. Where no objective data or assessment data is available, conduct an exposure assessment in accordance with the standards. MTC is available to assist in meeting these requirements.

REPORT BY: T. Raymond

Testing was performed by qualified personnel in accordance with generally accepted industry practice, Materials Testing Consultants procedures and the above referenced standards. Review of report by Project Manager is standard practice. This report is applicable only to the items and location(s) listed herein and are not to be used within the context of Michigan Public Health Code Part 54A-Lead Abatement; Michigan Department of Community Health – Lead Hazard Control; USEPA Lead Renovations, Repair, Painting Program; USHUD Lead Hazard Control or any other Lead Based Paint Activities associated with housing or facilities with children under the age of 6. This report has been prepared for the exclusive use of the client and any partial or whole reproduction without the consent of the client is prohibited.

PROJECT CLIENT: Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
 Straub Pettitt Yaste Architects

## PAINT CHIP TESTING REPORT



### EMSL Analytical, Inc.

6340 Castleplace Drive, Indianapolis, IN, 46250  
 Telephone: 317.803.2997 Fax: 317.803.3047  
 www.emsl.com

EMSL Order ID: 162554654

LIMS Reference ID: CD54654

EMSL Customer ID: MATE53

Attention: Matt Plummer  
 Materials Testing Consultants [MATE53]  
 693 Plymouth N.E.  
 Grand Rapids, MI 49505  
 (616) 456-5469  
 mplummer@mtc-test.com

Project Name: Cadillac Place 4th floor Renovation Asbestos

Customer PO:  
 EMSL Sales Rep: Jeremy Bish  
 Received: 04/23/2025 09:56  
 Reported: 04/28/2025 09:07

### Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: 101/Green Paint on Plaster						Date Sampled: 04/21/25			
Matrix: Chips						LIMS Reference ID: CD54654-01			
Cadmium	0.0032 % wt	0.0025 % wt	0.2595	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B	C	1
Chromium	<0.013 % wt	0.013 % wt	0.2595	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Lead	0.18 % wt	0.0064 % wt	0.2595	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Sample Comments:									
Client Sample ID: 102/White paint on door						Date Sampled: 04/21/25			
Matrix: Chips						LIMS Reference ID: CD54654-02			
Cadmium	<0.0025 % wt	0.0025 % wt	0.2506	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B	C	1
Chromium	<0.013 % wt	0.013 % wt	0.2506	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Lead	<0.0064 % wt	0.0064 % wt	0.2506	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Sample Comments:									
Client Sample ID: 103/White paint on drywall						Date Sampled: 04/21/25			
Matrix: Chips						LIMS Reference ID: CD54654-03			
Cadmium	<0.0056 % wt	0.0056 % wt	0.1114	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B	C	1
Chromium	<0.029 % wt	0.029 % wt	0.1114	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Lead	<0.014 % wt	0.014 % wt	0.1114	04/25/25 CG	SW-846 3050B	04/25/25 CG	SW 846-7000B		1
Sample Comments:									

REPORT BY: T. Raymond

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PROJECT CLIENT Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
 Straub Pettitt Yaste Architects

## PAINT CHIP TESTING REPORT



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 Grand Rapids, MI 49505  
 (616) 456-5469  
 mplummer@mtc-test.com

Project Name: Cadillac Place 4th floor Renovation Asbestos

Customer PO:  
 EMSL Sales Rep: Jeromy Bish  
 Received: 04/23/2025 09:56  
 Reported: 04/28/2025 09:07

### Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	16-CHDOH, 16-AIHA ELLAP

### List of Certifications

Code	Description	Number	Expires
16-MO	Missouri Drinking Water	10180	03/31/2026
16-NYDOH	New York Potable Water, Metals Solid and Hazardous Waste - Asbestos	12130	04/01/2026
16-AIHA ELLAP	EMSL Analytical, Inc., Indianapolis, IN AIHA-ELAP, LLC. ELLAP Accredited	157245	06/01/2025
16-AIHA IHLAP	EMSL Analytical, Inc., Indianapolis, IN AIHA-ELAP, LLC. IHLAP Accredited	157245	06/01/2025
16-CA ELAP	California Metals in DW, Chemistry and Bulk Asbestos in Hazardous Waste	2575	06/30/2025
16-A2LA Food	A2LA Food Microbiology	2845.11	01/31/2026
16-A2LA Chemistry	A2LA Environmental and Chemistry	2845.25	11/30/2025
16-IN Metals/Asbestos	Indiana Lead and Metals and Asbestos in Drinking Water	C-49-09	12/31/2026
16-CHDOH	Ohio - Lead in Paint Chips, Wipes, Soil and Air	E10040	05/03/2026
16-FLDOH	Florida Asbestos and Metals in Drinking Water, PCBs	E871170	06/30/2025
16-NDEP	New Jersey Metals, Organics and Inorganics in DW PCBs	IN002	06/30/2025
16-IN Colliert/HPC	Indiana Colliert and HPC	M-49-06	12/31/2026

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) for a complete listing of parameters for which EMSL is certified.

### Notes and Definitions

Item	Definition
C	The QC sample duplicate RPD result for Cadmium was outside of the method control limits.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

REPORT BY: T. Raymond

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PROJECT NO.: 251302  
REPORT DATE: 4/28/2025  
SHEET: 4 of 6

PROJECT CLIENT: Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
Straub Pettitt Yaste Architects

## PAINT CHIP TESTING REPORT



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Grand Rapids, MI 49505  
(616) 456-5469  
mplummer@mtc-test.com

Project Name: Cadillac Place 4th floor Renovation Asbestos

Customer PO:  
EMSL Sales Rep: Jeromy Bish  
Received: 04/23/2025 09:56  
Reported: 04/28/2025 09:07

*Aleksandra Kuchenbrod*

Aleks Kuchenbrod Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

Analysis: following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 0.0054% by wt., based upon a minimum sample weight of 0.25g submitted to the lab, and is not responsible for any result or reporting limit provided in mg/cm<sup>2</sup> since it is dependent upon an area value provided by non-lab personnel. A "c" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.

REPORT BY: T. Raymond

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PROJECT CLIENT: Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
 Straub Pettitt Yaste Architects

### PAINT CHIP TESTING REPORT



PROJECT NO.: 251302  
 PROJECT NAME: Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
 CLIENT: Straub Pettitt Yaste Architects

162554054

#### CHAIN OF CUSTODY

Report to: ☒ Matthew Plummer  
☐ Chris Kestner  
☒ Tim Raymond  
☐ other:

Email to: ☒ Matthew Plummer Mplummer@mtc-test.com  
☐ Chris Kestner Ckestner@mtc-test.com  
☒ Tim Raymond Traymond@mtc-test.com  
☐ other:

Analysis Requested: ☐ Asbestos: PLM EPA 600  
☐ Paint: FAA, Lead  
☒ Paint: FAA, Lead, Cadmium, Chromium  
☐ Other:

Turnaround Time: ☐ 1 week  
☒ 72 hour (Standard)  
☐ Other:

QA Check by:  
☐ Matthew Plummer  
☐ Chris Kestner  
☒ Tim Raymond

Sampled by: Tim Raymond Sample Date: 4/21/25

Remarks:

Relinquished by: [Signature] Date/Time: 4/22/25

Tracking Number: [Signature] Date/Time: 4/23/25 Positive Stop: Yes / No

Received by: [Signature] Date/Time: 9:50 AM No. of samples submitted 3

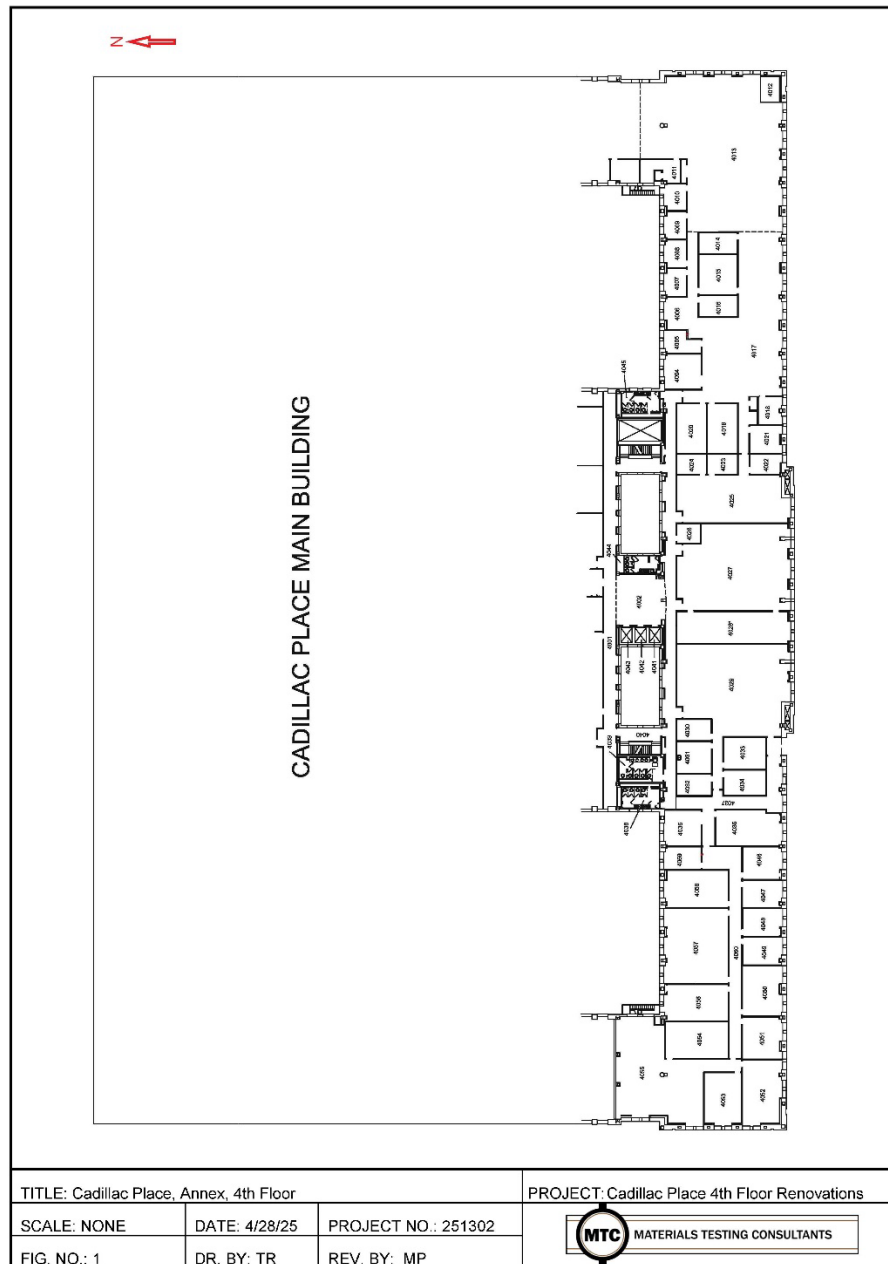
No. of pages attached 1

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PROJECT Cadillac Place 4<sup>th</sup> Floor Renovation Asbestos NESHAP Survey  
 CLIENT Straub Pettitt Yaste Architects

## PAINT CHIP TESTING REPORT



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