NESHAP PRE-DEMOLITION HAZARDOUS BUILDING MATERIALS SURVEY REPORT

for

NEW CANAAN LIBRARY REDEVELOPMENT 151 Main Street New Canaan, Connecticut 06840

Prepared for:

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ACRONYMS

US EPA	United States Environmental Protection Agency
AHERA	Asbestos Hazard Emergency Response Act
OSHA	Occupational Safety and Health Administration
CFR	Code of Federal Regulation
NESHAP	National Standards for Hazardous Air Pollutants
HUD	Housing and Urban Development
CT DPH	Connecticut Department of Public Health
CT DEEP	Connecticut Department of Energy and Environmental Protection
RCRA	Resource Conservation and Recovery Act
PLM	Polarized Light Microscopy
TEM	Transmission Electron Microscopy
ACM	Asbestos-Containing Materials
LBP	Lead-Based Paint
PCB	Polychlorinated Biphenyls
Sq. ft./SF	Square Feet
Ln. ft./LF	Linear Feet
mg/cm ²	Milligrams per square centimeter
XRF	X-ray Fluorescence
TCLP	Toxicity Characteristic Leaching Procedure
AAS	Atomic Absorption Spectrometry
HVAC	Heating, Ventilation and Air Conditioning



1.0 INTRODUCTION

Langan CT, Inc. (Langan) prepared this NESHAP (National Standards for Hazardous Air Pollutants) Pre-Demolition Hazardous Building Materials (HBM) Survey Report on behalf of New Canaan Library to identify accessible hazardous building materials that may exist within areas of planned demolition of the New Canaan Library in New Canaan, Connecticut. The HBM survey included accessible interior areas throughout the three floors of the library, the exterior and limited inaccessible areas. The approximate 40,000 square foot library was originally constructed in 1913 and had renovations/additions in 1937, 1952 and 1979.

The objectives of this survey/report were to identify the presence/absence of accessible asbestos-containing materials (ACM), lead-based paint (LBP) assume PCB (polychlorinated biphenyl) containing sealant source compounds and visually identify potential universal waste so these materials can be properly quantified and assessed in support of scheduled demolition of the building.

PROJECT INFORMATION

Client Name:	New Canaan Library	Property Visit Date:	20 February 2017, 30 and 31 October 2020
Professional's project #:	140145505	Construction Dates:	1913 with Renovations/ Additions in 1937, 1952 and 1979
Consultant's Project Manager:	Matthew A. Myers	No. Buildings:	One
Phone No.:	203-562-5571	No. of Stories:	Three Story
Email: Property Address:	mmyers@langan.com 151 Main Street	Bldgs. Gross Footage:	Approximately 40,000 Square Feet
Property Town, State:	New Canaan, Connecticut	Property Use:	Public Library

The following sections summarize the hazardous building materials findings for the building surveyed.



2.0 ASBESTOS-CONTAINING MATERIALS (ACM)

Terminology

Suspect Asbestos-Containing Materials

Asbestos was used in certain types of construction and building materials. Until a material is examined by using polarized light microscopy (PLM) or a similar technique, the building material is considered as a suspect asbestos-containing material. A few examples of these materials include wall and ceiling plasters, sheetrock/taping compound, flooring materials, ceiling panels, thermal system insulation, fireproofing insulation, roofing materials, adhesives, damp-proofing/waterproofing materials, caulking and glazing compounds, etc. Any suspect ACM and/or building material of unknown asbestos content should be assumed to be an asbestos containing material and handled and disposed of accordingly. Demolition, renovation, maintenance or daily activities should not disturb building materials that are found to contain asbestos, assumed to contain asbestos or that have not been tested for possible asbestos content.

Asbestos-Containing Material

A material with an asbestos concentration greater than 1% by weight is considered ACM by the United States Environmental Protection Agency (US EPA) and Connecticut Department of Public Health (CT DPH). Thus, a material which contains asbestos in concentrations greater than 1% by weight is considered "positive" while materials that do not contain asbestos or asbestos is detected in concentrations equal to or less than 1% by weight are considered "negative". However, the Occupational Safety and Health Administration (OSHA) considers any amount of asbestos as regulated and some landfills/states consider building materials containing less than 1% asbestos as regulated asbestos-containing waste.

Regulatory Guidelines and Requirements

Federal

In accordance with the Clean Air Act (CAA), the US EPA established NESHAP to protect the public from exposure to airborne pollutants. Asbestos was one of the air pollutants, which was addressed under the NESHAP 40 CFR Part 61. The purpose of asbestos NESHAP regulations is to protect the public health by minimizing the release of asbestos when facilities, which contain ACM, are being renovated or demolished. EPA is responsible for enforcing regulations related to asbestos during renovation and demolition activities, however, the CAA allows the EPA to delegate this authority to State and Local Agencies. Even after EPA delegates responsibility to a state or Local agency, EPA retains the authority to oversee agency



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performance and to enforce NESHAP regulations as appropriate. OSHA considers any amount of asbestos to be regulated.

<u>State</u>

Asbestos in Connecticut is regulated by the State of Connecticut Department of Public Health (CTDPH), under Standards for Asbestos Abatement – Section 19a-333a-1 through 16 of Regulations of Connecticut State Agencies (RCSA) and Licensing and Training Requirements for Persons Engaged in Asbestos Abatement and Asbestos Consulting Services – Section 20-440-1 through 9 and Section 20-441 of RCSA.

Limited Asbestos Survey

During this limited survey, suspect ACM were separated into three USEPA categories: thermal system insulation (TSI), surfacing materials and miscellaneous materials. TSI includes all materials used to prevent heat gain or loss or water condensation on mechanical systems. Typical examples of TSI are boiler, duct and tank insulation, pipe and pipe fitting insulation. Surfacing materials are sprayed, troweled or otherwise applied to an existing surface and common uses are fireproofing, decorative and acoustical plaster applications. Miscellaneous materials include all ACM not listed as TSI or surfacing and include: flooring materials, ceiling tiles, adhesives, transite cement board, sink undercoating, sheetrock/taping compounds, cove base materials, caulking and glazing compounds, damp-proofing/tars/mastics, roofing materials and other materials. State of Connecticut DPH licensed asbestos inspectors Matthew Myers (#000041), Willie Thompson (#000673), Ryan Murphy (#000937) and Brian Quinlan (#000921) performed the 2017 and 2020 surveys.

ACM Results Summary

A total of 442 bulk samples were collected and analyzed for asbestos content. Detailed bulk sampling results are included in Table 1 and 2 below. The complete analytical asbestos laboratory data is provided in Appendix A. As required by the US EPA, samples were analyzed by individual layers (i.e., floor tile & the associated mastic were analyzed as two separate samples, rough and finish coat plasters, etc.). Bulk samples of the suspect asbestos-containing materials (ACM) were analyzed using the Polarized Light Microscopy (PLM) analytical methodology in accordance with EPA Protocol 600/R-93/116. Some bulk sample materials, both friable and non-friable were additionally analyzed using PLM Point Count if they were found to contain low amounts of asbestos. The samples were analyzed by EMSL of Cinnaminson, New Jersey, a National Voluntary Laboratory Program (NVLAP) and American Industrial Hygiene Association (AIHA) accredited laboratory.



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Utilizing the USEPA protocols and criteria, the following materials were assumed or determined or assumed to be **ACM**:

Table 1 – Summary of Asbestos-Containing Materials

Material	Location	% Asbestos and	Estimated
iviateriai	Location	Sample ID	Quantity of ACM
	Second Floor Office		
	Areas, First Floor Center		
	Connecting Corridor,	ACM	
Floor Tiles and Black Mastics –	Reading Rooms 1 & 2,	1.75% - 7%	
Miscellaneous Materials	Center Area/Maintenance	Chrysotile	
iviiscellarieous iviateriais	Entry, Book Storage	022072C	
Some Materials are Buried	Room, Storage Room	022073B	
	Adjacent Office #4, Ladies	022075B	
Under Multiple Layers of	Toilet Closet, Basement	022077A	0 E00 Causes East
Flooring (Carpet, Tiles, Wood,	Corridors and Foyer from	022078A	8,500 Square Feet
etc.) (Adjacent Materials/Substrates are	Large Meeting Room to	022079B	
Contaminated)(Assumed Under	Original Building Boiler	022081A,C	
Non-Moveable Objects and	Room Areas, Adjacent	022089A	
Sheetrock Walls in These Areas)	Stair Landing, Custodial	103021	
Sheetrock Walls III These Aleas)	Office, Toilet	103022	
	Rooms/Corridor/Locker	103026B	
	Rooms and Storage and		
	Office		
	Assumed Behind Walls,		
Pipe, Pipe Fitting and Roof Drain	Ceilings, Inside Chases,		
Insulation – Thermal System	Tunnels and Crawl Spaces	Assumed ACM	Unknown
Insulation	Including Contamination	Assumed Acivi	OHKHOWH
insulation	of Tunnels/Crawl Spaces		
	Floors		
Pink Sink Undercoating –	First Floor Center Area –	ACM	
Miscellaneous Material	Maintenance Entry	5% Chrysotile	1 Sink
	.,	022011	



		% Asbestos and	Estimated
Material	Location	Sample ID	Quantity of ACM
Dark Brown Duct Pin Adhesive/Residue – Miscellaneous Material	Original 1913 Building - Basement Mechanical Room/Boiler Room, Corridors and Custodial Office (May Exist in Additional Locations)	ACM 6% Chrysotile 022021A	Unknown
HVAC Unit Duct/Flange Sealant Compound (Large Older Mechanical HVAC Unit) – Miscellaneous Material	Basement - Newer Boiler Room Side	ACM 5% Chrysotile 103002A	1 Unit/System
Black Wall Adhesive Behind Sign – Miscellaneous Material	Library Book Area Stairs to Second Floor (May Exist in Additional Locations)	ACM 4% Chrysotile 103005A	1 Square Foot
Black Window and Door Window Glazing Compounds (interior and exterior) – Miscellaneous Materials	Second Floor Library Book Areas, First Floor Front Entry Doors, Children's Library Office, Basement Door Entry (By Large Meeting Room), Office, Stairwell Doors Adjacent Art Storage Room and Elevator	ACM 4% - 10% Chrysotile 022092A 022093A 022096A 022099A	600 Linear Feet
Black Damp-proofing (Exterior) – Miscellaneous Material(s)	On Exposed/Buried Foundation Walls Throughout 1979 Library Addition and Corridor/Locker/Storage Areas to Original 1913 Building	ACM 3% - 8% Chrysotile 022054A 103056 103057 103058	Unknown
Black Roof Flashing by Roof Access (Interior) – Miscellaneous Material	Original Building Office 3 Attic	ACM 6% Chrysotile 022027A	10 Square Feet



		% Asbestos and	Estimated
Material	Location	Sample ID	Quantity of ACM
Tar on Metal Trim and Copper Flashing (Perimeter and Abutting Roof 2) – Miscellaneous Materials	Roof 1 – 1952 Addition Children's Book Area	ACM 8% - 10% Chrysotile 103066A 103067B	275 Square Feet
Tar on Metal Trim (Perimeter) and Perimeter Roof Flashing – Miscellaneous Material	Roof 2 - 1952 Addition Second Floor	ACM 10% Chrysotile 103072A	200 Square Feet
Perimeter Flashing and Wood Deck Contamination – Miscellaneous Material	Roof 4 – 1913 Original Building	ACM 5% Chrysotile 103081B	400 Square Feet
Tar on Copper Flashing – Miscellaneous Material	Roof 4/5 - 1913 Original Building	ACM 10% Chrysotile 103089A	100 Square Feet
Roof Fields, Flashing, Black Contamination on "Concrete Type" Roof Deck and Tar on Parapet Walls/Walls – Miscellaneous Materials	Roof 6 – Area Between 1913 Original Building and 1979 Addition	ACM 7% - 20% Chrysotile 103090A 103091A 103092A 103093A 103094A	1,500 Square Feet
Slate Roof and Wall Shingles, Tar/Paper Under Shingles – Miscellaneous Materials	Roofs 7 and 8 – 1979 Addition	ACM 4% - 25% Chrysotile 103098A 103099B 1030101A 1030103A	11,000 Square Feet
Tar on Slope Adjacent Roof 6 and Contaminated Substrate – Miscellaneous Material	Roof 7 – 1979 Addition	ACM 8% Chrysotile 1030100A	300 Square Feet



Location	% Asbestos and	Estimated
Location	Sample ID	Quantity of ACM
	ACM	
Doof 0 1070 Addition	4% - 5%	
	Chrysotile	E EOO Sayoro Eoot
1979 Addition	1030109A	5,500 Square Feet
als	1030112A	
	1030113A	
	Location Roof 9 – 1979 Addition	Roof 9 – 1979 Addition Roof 100 Sample ID ACM 4% - 5% Chrysotile 1030109A 1030112A

Utilizing the USEPA protocol and criteria, the following materials were determined to be **non-ACM**:

Table 2 - Summary of Non-Asbestos-Containing Materials

Material	Location	Sample ID
Carpet Adhesives – Miscellaneous	Throughout	022001A,B -
Materials		022003A,B
iviateriais		022086A,B
Sheetrock and Taping Compounds –	Throughout	022004A,B -
Miscellaneous Materials	moughout	022007A,B
		022008A-I
		022009A-I
Rough and Finish Coat Plaster –	Throughout	103014A,B
Surfacing Materials		103015A,B
		103016A-E
		103017A-E
Roof Debris on Fiberglass Insulation	Above Ceilings in Children's Book Area	022010A,B
– Miscellaneous Material	Above Cellings III Children's Book Area	022010A,B
Sink Undercoating (Gray and White)	Basement and First Floor	022012 –
– Miscellaneous Materials	Basement and First Floor	022014
Spray Applied Fireproofing –	Throughout Building Additions	022015A-l
Surfacing Material	Throughout Building Additions	022010A-1
Black Paper on Wood Floor –	Front Main Entry Basement Stairwell	022016A,B
Miscellaneous Material	TIOHEIVIAIH LIILIY DASEHIEHE SIAHWEII	022010A,D

Material	Location	Sample ID
White Canvass Wall and		022017A,B
Brown/Black Material –	Second Floor Offices	022018A,B
Miscellaneous Materials	Second Floor Offices	103006A,B
IVIISCEIIAITEOUS IVIALEITAIS		103007A,B
Wall/Ceiling Block and Grout –	Throughout Basement	022019A,B
Miscellaneous Materials	Throughout basement	022020A,B
Duct Seam Tape – Miscellaneous Material	Basement Mechanical Rooms	022022A,B
Pipe End Cap Insulation – Thermal	Basement Mechanical Rooms	022023A,B
System Insulation	Basement Mechanical Hooms	022020/4,D
Boiler Exhaust Duct Insulation –	Boiler Room	022024A-C
Thermal System Insulation	Boller Hoofff	022025A-C
Mineral Wool Loose Insulation - Thermal System Insulation	Attic – Office #3	022026A-C
Tectum Ceiling – Miscellaneous	L'haran David Arran	000000 A D
Material	Library Book Areas	022028A,B
Paper on Wood Beam –	Second Floor Book Area	022029A,B
Miscellaneous Material	Second Floor Book Area	022029A,B
Fiberglass Paper Insulation	Second Floor Book Area and	022030A,B
Covering – Miscellaneous Material	Basement Mechanical Room	022030A,B
Wall Paper Adhesive –	Throughout	022022A P
Miscellaneous Material	Throughout	022032A,B
Black Fiberglass Paper Insulation –	Throughout About Coilings	022022A B
Miscellaneous Material	Throughout Above Ceilings	022033A,B
Ceiling Tiles (multiple types and		022034A,B -
sizes) and Ceiling Tile Adhesives –	Throughout	022053
Miscellaneous Materials		103004A,B
Roofing Shingles – Miscellaneous	Exterior - Main Entry Original Building	0220554 D
Material	Lower Windows	022055A,B
Vinyl Stairs and Adhesives –	Throughout	022057A,B
Miscellaneous Materials	Throughout	022058A,B
Cove Bases and Adhesives		0220504 B
(multiple types and sizes) –	Throughout	022059A,B -
Miscellaneous Materials		022070A,B



Material	Location	Sample ID	
Black Non-Skid Floor Strips –	Decement Comider	000071 A D	
Miscellaneous Material	Basement Corridor	022071A,B	
	First Floor Meeting Room, Reading	022074A,B	
	Room #1 Closet, Corridor off Reading	022082A-D -	
Flooring Materials Adhesives and	Room 2, Basement Corridor by Small	022088A-D	
Flooring Materials, Adhesives and Levelers – Miscellaneous Materials	Meeting Rooms, Café, Pantry,	022090A-C	
Levelers – Miscellaneous Materiais	Stairwell and Small Meeting Rooms,	103018	
	Behind Stage and Levelers	103019	
	Throughout, Art Storage Room	103025A,B	
Gray Window Caulking Compound –	Dook Arong Interior	022001 A D	
Miscellaneous Material	Book Areas - Interior	022091A,B	
Gray Window Glazing Compound –	Second Floor Older Windows - Exterior	022094A,B	
Miscellaneous Material	Second Floor Older Williaows - Exterior	0220 3 4A,D	
Clear Window Caulking and Stair	Stairwell and Children's Book Areas -		
Stringer Compounds –	Interior	022095A-C	
Miscellaneous Materials	Interior		
Black Window Caulking/Glazing			
Compound – Miscellaneous	Second Floor Book Areas - Interior	022097A,B	
Material			
Stucco Wall – Surfacing Material	Exterior Wall off Children's Book Area	022098A-C	
White and Gray Door Caulking		0220100A,B –	
Compounds – Miscellaneous	Exterior – Throughout	0220100A,B =	
Materials		02201027,0	
Accessible White and Gray Window		0220103A,B –	
Caulking Compounds –	Exterior - Throughout	0220103A,B =	
Miscellaneous Materials		0220100A,D	
White Material on Stone Wall by	Newer Boiler Room	103001A,B	
Stairs – Miscellaneous Material	Nevver Bollet Noom	103001A,B	
Duct Seam and Putty –	Throughout	022031A,B	
Miscellaneous Material	imougnout	103003A-C	
Wall Paper and Adhesive –		022032A,B	
Miscellaneous Materials	Throughout	103008A,B	
iviiscellaliecus iviatellais		103009A,B	
Gray Bulletin Board and Yellow	First Floor Children Book Room	103010A,B	
Adhesive – Miscellaneous Materials	That Hoor Children book Nooth	103011A,B	



Material	Location	Sample ID
Canvass Wall Panel and Adhesive –	Deading Deages 1 and 2	103012A,B
Miscellaneous Materials	Reading Rooms 1 and 2	103013A,B
Red/Gray Floor Material –	First Floor Office H3 Executive	102027A P
Miscellaneous Material	Director	103027A,B
Black/Gray Paper on Wood -	First Floor Front Entry	103028A,B
Miscellaneous Material	Thist Hoor Front Entry	100020/1,0
Black Paper between Floor Tile and		
Wood Floor - Miscellaneous	First Floor Reading Room 1	103029A,B
Material		
Ceramic Floor Tile Mud Bed and		
Grout, Black and Yellow Layers,		
Orange Material under Ceramic	First Floor Front and Rear Entry, Toilet	103030A,B -
Floor Tile and Wall and Floor	Rooms Throughout	103052A,B
Adhesives – Miscellaneous		
Materials		
Black Wall Damp Proofing behind	First Floor Children Book Area	103053A,B
Plaster – Miscellaneous Material	Thist Floor Children Book Aled	1000007,5
Slate Stair Thread – Miscellaneous	Stairs to the Second Floor Offices	103054A,B
Material		10000 17 (, 13
Black Foundation Damp-Proofing –		103055
Miscellaneous Material	Exterior – 1952 Addition	103059
Wilderia Wateria		103060
Roof Fields and Flashing –	Roof 1 – 1952 Addition Children's	103061A,B -
Miscellaneous Materials	Book Area	103065A,B
Air Conditioner Caulking Compound	Roofs 1 and 2 – 1952 Addition	103068A,B
– Miscellaneous Material	Children's Book Area	1000001,15
Roof Fields and Flashing –	Roof 2 - 1952 Addition Second Floor	103069A,B -
Miscellaneous Materials	Nooi 2 - 1952 Addition Second Flooi	103071A,B
"Fake" Slate Shingle and Tar/Paper		103073A,B
on Roof Decking – Miscellaneous	Roof 3 – 1937 Addition	103074A,B
Materials		1000/ 4/1,0
Caulking Compound on Slate Ridge	Roof 3 – 1937 Addition	103075A,B
– Miscellaneous Material	11001 0 1007 Addition	۵,۵۵۰ ا



Material	Location	Sample ID
"Fake" Slate Shingle, Tar Paper on		103076A,B -
Roof Decking, Roof Fields and Tar	Poof 4 1012 Original Puilding	103080A,B
of Roof Decking and Penetration	Roof 4 – 1913 Original Building	103082A,B
Flashing – Miscellaneous Materials		103083A,B
"Fake" Slate Shingle, Blue		
Paper/Adhesive under Slate, Tar	Roof 5 – 1913 Original Building	103085A,B -
Paper under Slate – Miscellaneous	11001 5 - 1313 Original Building	103087A,B
Materials		
Caulking Compound on Metal Wall	Roof 5 - 1913 Original Building	103088A,B
Trim – Miscellaneous Material	11001 3 - 1313 Original Building	103000A,B
"Sulfur" Bottom Layer Roof Field		
and Flashing (Contaminated with	Roof 6 – Area Between 1913 Original	103095A,B
Asbestos Materials) –	Building and 1979 Addition	100000,1,1
Miscellaneous Material		
Concrete Roof Deck –	Roof 6 – Area Between 1913 Original	103097A,B
Miscellaneous Material	Building and 1979 Addition	10000771,B
Upper Window Caulking and		1030105A,B
Glazing Compounds –	Roof 8 - 1979 Addition	1030106A,B
Miscellaneous Materials		1000100/4,15
Window Caulking Compounds at		
Slate Shingle and at Copper	Roof 8 - 1979 Addition	1030107A,B
Flashing Joints – Miscellaneous	11001 8 - 1379 Addition	1030108A,B
Materials		
Roof Field Tar Paper (Contaminated		
with Asbestos Materials) –	Roof 9 - 1979 Addition	1030110A,B
Miscellaneous Material		
Roof Field "Sulfur" Material		
(Contaminated with Asbestos	Roof 9 – 1979 Addition	1030111A,B
Materials) – Miscellaneous Material		
Gray/Tan Paper on Upper Foam		
Layer (Contaminated with Asbestos	Roof 9 – 1979 Addition	1030114A,B
Materials) – Miscellaneous Material		
Chimney Caulking (White) on	Roof Exterior	1030115A,B
Copper Flashing	HOOF EXTERIOR	1000 110A,D
Chimney Caulking on Metal Trim	Roof Exterior	1030116A,B



<u>DISCLAIMERS:</u> Reasonable care was taken to identify all suspect accessible asbestos containing materials through visual inspection and limited destructive sampling techniques. However, it is not feasible to uncover all materials that may exist. Additional materials may need to sampled after the building has been vacated and/or during the demolition process. Some locations/materials were not sampled during this survey due to location and damage required to inspect certain materials/areas.

Interior Hidden Materials Between Original Building and Building Additions – Inaccessible suspect asbestos containing materials may be buried between abutting walls of different aged buildings/additions (transite cement board, window/door/expansion wall sealants and systems, damp-proofing, etc.).

Interior Hidden Materials - Interior walls/ceilings/floors/other building materials were opened up/accessed in limited locations to investigate for suspect asbestos containing materials. Additional suspect asbestos containing materials may be discovered during demolition activities despite the inspectors investigating representative areas during the survey.

Additional Asbestos Containing Materials May be Found:

- Inside Fire Door/Door Insulation throughout;
- Behind water fountains (tar/damp-proofing and pipe insulation);
- Inside HVAC ducts, mechanical systems and incinerators (damp-proofing, tars, adhesives, sealants, fire brick and thermal system insulation);
- Duct adhesives, seam and flange sealants (several areas were inspected and materials sampled);
- Flooring materials under raised flooring areas, ramps and stairs, sheetrock walls, non-moveable objects (shelving, lockers, millwork, cabinetry, etc.);
- Adhesives associated with millwork, cabinetry, shelving, etc.;
- Behind custodian slop sinks (damp-proofing/tar behind);
- Behind ceilings, wall and chases and floors throughout (duct insulation, pipe insulation, vibration isolation cloth, roofing debris, etc.);
- Vermiculite behind/inside walls, ceilings and chases;
- Wall Adhesives (behind white/bulletin/wall boards/mirrors/signs/sheetrock walls, etc.)(several areas were inspected and materials sampled);
- Damp-proofing (behind ceramic tile walls and floors and under concrete slabs and on water fountain backing)(several areas were inspected and materials sampled);
- Light Backing Insulation/Paper;



- Transite cement board and or gray paper behind wood panels and other paneling, ceilings, radiators, etc.;
- Materials inside Elevator Shaft and Book Elevator (possible older spray applied fireproofing, brakes, etc.);
- Interior and exterior paints;
- Interior and exterior concrete, concrete block walls, brick, grout, mortar, etc.;
- Boilers Materials (boilers appear to be newer but could have asbestos containing materials within roping, fire brick, thermal system insulation, grout, etc.);
- Pipe Gaskets; and
- Electrical Insulation.

The Crawl Spaces and Tunnels were not investigated due to the limited access (off basement mechanical rooms/original building areas and may on first floor small corridor/exit off reading room 2). Asbestos containing materials (pipe and pipe fitting insulation, etc.) may exist in these locations as well as possible contaminated ground surfaces.

Asbestos containing duct pin adhesives were found on basement mechanical ductwork in one room. This material was investigated in several other areas and not found however there could be additional adhesives not located to date (hidden and/or inaccessible).

The Boiler Exhaust Duct Insulation and Accessible Spray Applied Fireproofing throughout were sampled and found not to contain asbestos. It is possible that these materials may be found to contain asbestos in currently inaccessible locations and/or buried beneath accessible locations sampled.

Exterior Hidden Materials – The inspectors removed limited locations of exterior walls. Additional asbestos-containing materials (damp-proofing, etc.) may exist behind the stone and/or brick walls in other locations that have not been opened up/sampled to date. Several areas behind visible soffits were investigated for transite cement board soffit materials. None were found in the areas checked but they may exist in areas not investigated.

Foundations/Soil and Buried Piping and Mechanical Conduits – Foundation damp-proofing/tars/mastics may exist under the soil on the building foundations in locations not investigated. Several locations along the foundation walls were investigated (one to two feet down – below ground level) and some of the limited damp-proofing materials found did not contain asbestos (1952 addition did have asbestos). Additional damp-proofing materials that have not been sampled may exist in other locations, on the inside of foundation walls and underneath floor slabs throughout. It is not known if other materials are buried in the soil adjacent to the building (ex. Transite piping, etc.). Asbestos containing damp-



proofing/tars/mastics may also exist on piping and mechanical conduits in the subsurface.

3.0 LEAD-BASED PAINT (LBP) XRF SCREENING

A limited lead-based paint XRF (X-ray Fluorescence) screening survey was performed throughout by Matthew Myers, a State of Connecticut DPH Certified Lead Inspector (#000191) performed the lead screening using a Niton XLp300. LBP was identified exceeding the HUD/EPA action level of equal to or greater than 1.0 mg/cm² in the materials listed below. See Appendix B for XRF field data sheets.

Table 3 - Summary of XRF Lead-Based Paint Screening Results (>1 mg/cm²)

Survey ID #	Component	Substrate	Color	Test Location	Total Lead mg/cm ²	Results	Comments
35	Door Trim Column	Wood	White	Interior Entry Door	17.1	Positive	
39	Wall	Plaster	White	Interior Entry Door	18	Positive	
41	Window	Wood	White	Interior Reading Room 1	18.5	Positive	
42	Window System	Wood	White	Interior Reading Room 1	20	Positive	
98	Wall	Wood	White	Exterior Children's Boor Area	1.2	Positive	
98	Window Casing	Wood	White	Exterior Reading Room 1	3.3	Positive	

The exterior main entry door, window and upper decorative trim components/systems are all assumed to contain lead based paint over the 1.0 mg/cm² amount.

Contractors completing demolition or renovation activities should be aware that OSHA has not established a level of lead in a material below which 29 CFR 1926.62 does not apply. The contractor shall comply with exposure assessment criteria, interim worker protection and other requirements of the regulation as necessary to protect workers and occupants/residents. TCLP sampling of all building components to be demolished is required to classify the proper disposal method (regulated hazardous waste versus normal construction debris).

The information in this report does not constitute a comprehensive lead survey under the Connecticut Department of Public Health Regulations, Section 19a-111-1 to 11. The survey was an XRF lead screening utilizing an XRF and does not satisfy the testing requirements of US



EPA's Renovation, Repair and Painting Rule (RRP) under 40 CFR 745.80 through 92. Reliance on this report for determining RRP or CT DPH applicability is not authorized by Langan.

4.0 PCB SEALANT SOURCE MATERIALS

In recent years, the Unites States Environmental Protection Agency (US EPA) has learned that building sealants (e.g. caulking, glazing, expansion joint and other sealant materials) containing potentially harmful PCBs were used in many buildings in the 1950s through the 1980s. PCBs were added to building sealants for durability, resistance to degradation, and as a softener/plasticizer for application.

Connecticut Department of Energy and Environmental Protection (CT DEEP) has a PCB regulatory limit of 1 ppm and US EPA has a regulatory limit of 50 ppm for source materials. The following "older" PCB sealant source materials are assumed to have greater than 50 ppm PCB:

Table 4 – Summary of Assumed PCB Sealant Source Materials

Material	Location
Interior and Exterior Window Caulking Compounds (Multiple Types and Colors)	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions
Interior and Exterior Window and Door Window Glazing Compounds (Multiple Types and Colors)	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions
Interior and Exterior Door Caulking Compounds (Multiple Types and Colors)	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions



Interior HVAC Unit and Duct Seam/Flange Putty Sealant Compounds (Multiple Types and Colors)	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions
Interior and Exterior Air Conditioner Caulking, Vent/Exhaust Caulking, Wall Caulking and Support Column and Beam Caulking Compounds (Multiple Types and Colors)	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions
Exterior Roofing Materials, Shingle, Copper Flashing and Chimney Caulking Compounds	Throughout 1913 Original Building and 1937, 1952 and 1979 Additions

PCBs may also be found in paints, damp-proofing materials, roofing materials, adhesives, glues, floor mastics, etc. Sampling of these materials and sealant compounds was not authorized at the time of the HBM surveys.

5.0 UNIVERSAL WASTE AND OTHER ASSESSMENT

Completion of detailed Universal Waste Assessment (identifying the number and location of Universal Waste items) was not conducted as part of this survey. Universal wastes noted during the visual survey include suspect PCB/DEHP (di (2-ethylhexyl) phthalate) ballasts/capacitors associated with light fixtures, air conditioner and refrigerator coolants, mercury-containing florescent and other mixed used high intensity light bulbs, smoke detectors and other alarms/sensors containing suspect radioactive materials, batteries and emergency lighting, exit and other signage, mercury-containing thermostats, switches, gauges, electronics, paints, wiring, cleaning and other chemicals.

All waste that is present in the original building and additions that will be disturbed by demolition activities will require proper removal, recycling, and/or disposal of at a landfill or facility permitted to accept such waste. The removal, handling, recycling, and disposal must be performed in accordance with applicable Federal, State, and local regulations.



151 Main Street New Canaan, Connecticut 06840 Langan Project No.: 140145505

6.0 CONCLUSIONS AND RECOMMENDATIONS

Langan provides the following conclusions and recommendations, based on the findings of the NESHAP Pre-Demolition Hazardous Building Materials Survey:

Both friable and non-friable ACM were identified in the original building and additions. Prior to demolition, the identified ACM must be properly removed and disposed in accordance with applicable Federal, State and Local regulations by a State of Connecticut DPH licensed asbestos abatement contractor. A State of Connecticut licensed Asbestos Designer should create specifications and an Asbestos Project Monitor should perform project oversight and air testing in accordance with the Federal and State regulations. These are all requirements of the CT DPH Standards.

Lead based paint was identified in several locations/components. Contractors completing demolition or renovation activities should be aware that OSHA has not established a level of lead in a material below which 29 CFR 1926.62 does not apply. All contractors working on the project are responsible for having adequate training (RRP or greater amount) and performing their own OSHA compliance requirements. Contractor shall comply with exposure assessment criteria, interim worker protection and other requirements of the regulation as necessary to protect workers and occupants/residents. All contractors must comply with all applicable State and Federal regulations, including but not limited to the lead OSHA regulations.

TCLP lead waste characterization sampling should be performed to determine the waste disposal method for painted components to be removed/disposed (normal construction debris versus regulated hazardous waste). Separate TCLP samples should be obtained for each different age of construction (original building and each building addition). Metal materials painted in lead-based paint may be recycled. Langan recommends completion of a lead-based paint awareness specification for the project.

"Older" caulking, glazing and sealant compounds to be disturbed by demolition activities are assumed to contain greater than 50 ppm PCB. These materials and other suspect PCB containing materials could be tested at a later date or assumed to contain PCBs (and possibly adjacent building materials and ground surfaces). PCB abatement specification(s) will be required and if sampling is performed, a PCB performance based plan (does not require EPA approval) or self-implementing plan (requires EPA approval – two to six months is typical for this process) may be required depending upon the sample results. The owner/owners representative and Langan will need to meet to discuss the testing parameters (what materials



New Canaan, Connecticut 06840

Langan Project No.: 140145505

is Langan authorized to sample and when will sampling occur) or what assumptions will be in place to write specifications without sampling (types of source materials to be assumed, extent of adjacent building materials, etc.).

All waste that is present in the original building and additions that will be disturbed by demolition activities will require proper removal, recycling, and/or disposal of at a landfill or facility permitted to accept such waste. The removal, handling, recycling, and disposal must be performed in accordance with applicable Federal, State, and local regulations. recommends completion of a universal waste recycling/disposal specification for the project.

7.0 **LIMITATIONS**

The conclusions and recommendations presented in this report are professional opinions based solely upon Langan's visual observations, laboratory test data, and current regulatory requirements. These conclusions and recommendations are intended exclusively for the purpose stated herein, at the site indicated, and for the project indicated.

It is important to recognize that even the most comprehensive scope of services may fail to detect all hazardous building materials that may be associated with the property. Therefore, Langan cannot act as insurers and cannot "certify" that all hazardous building materials associated with the property have been identified, and no expressed or implied representation or warranty is included or intended in our report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession.

Any suspect material that is not listed in this report must be assumed as ACM, PCBs, leadbased paint, etc. until confirmed otherwise via laboratory testing.

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Asbestos Bulk Building Material Chain of Custody

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4%	material	l c		3.60		Ton Floor Tile	
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ND	9 same	023083A		Bascult Corndor (CBA)		Adhesine	
		- 1 B			4	<u> </u>	
	1	1			4	222 Flooring Gray	1
		0 22083 4		1 1 (13)	+		
	Trome	022083A		Basenent Cafe (68?)	+	Spechled Sheet Floorey	Black? rest.
1.		c			+	1 Backry	
		- 0			†	J. Jackery	
\ ,	t saint.	022084A		Basent Paintre (Astorage) (CBAA)	1	Black martic	
[1		1 B		$T_{\mathcal{O}}$	T	1 - (newer)	,
1	Samo	0070.85 A		1st Floor Connect Gordor (by Read)	I	white Floor Loveler a	
1		J B		<u>-1</u> ·	T	+ WAN R	
12	جم میں م	027086 A		and Flr Book Area (LBMA)		Dork Bion. Corpel Addres : 3	e 4 also
		7.8		ISTIT office #1	1	4 SOLE	fie fi
199	Same	022.087A		and flu Book Aver	1	Gray Concrete / Hender	ig.
		1 B		1st Fl/ Offic # (+	+ 5	5.
0	-same) B		Bosend Toulet Room (00?)	+	Black mastic	
1	<u> </u>	0	- 1		╁	Gray leveler	*
Ŀ		a			t	Tan Floor tile	
		*Comments	/Specia	Instructions:	_		
						¥ 	
				Pageofl_pages			



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

07930

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077

PHONE: (800) 220-3675 FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

		_	-				
200	Stop		iple#	HA#	Sample Location	n	Material Description
ND	Stop Stop	022	1800		Bosenut RM off Cafe (4)	fic (08?)	Black Marter
1	Priess		В				Gras leveler
	Water or		С				Tan Mostic
7			-0				Green Blue Floor Tice
NDG	same	022	090A		Bosenub Behind S	Stage	Brown mastic
()		H	B				while kneler
.			- C		+	- (LBAA)	Black Floor Tile
	02	091	A		1st Flour Book Pm	Interior	Window Caulk - Gray
	•	1	<u>s</u>	8 18	L		aı 📥
	4%	0220	921		children office	Interple (B)	Black window Glazing
	-	٦	_ B				1
	10%	<mark>⊳2</mark> 30	93A		Front en try	Interior (OB)	Poor Window Glazy Black
Ů	~ .	_	B		Lower Stair	d CBA?	1
	05%	12309	744	. se	and Flore Office (03)	Inter/Extern	Window Glazny per thich
	\bigcirc	7	В		+		T 3 5
	ND	62204	75 A		let Flr Childrend Book	Int Window Blazz	Clear Coultry A AME
		-	В		2nd Flr Starrwell - strin	ager	23 THE V
	7	+	<u></u>		1st Al Children Boor		A N.
	10%	32209	61		2nd Flv Book Area	Int	Black window Glosing EBRULLY
1	-	<u> </u>	B		Basement Rmaff Carlo Coffice	7 7	T 200
	منه [97	74		and Fly Book Ared	Irt /ent	Blick window caulh gloss?
	+1	7	B				
ND O	132098	A PO	A		Exterior Stucco Wall	off childrens	Stucko wall
1	1					Ext wall	
	1	*Com	ments/	Special	Instructions:		4
			25				:
	_			_			
					Page 10	of // pages	

Page 10 of 11 pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077

PHONE: (800) 220-3675 FAX: (856) 786-5974

0 71707930

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample # HA# Sample Location	Material Description
TO 022099A Lower Basered Fatra (nester Am?)	Black Door Window Glazing
- IB H	<u> </u>
UN 0220 100A Exterior Front Entry	white Gray Door Caulh
1 - B + +	1
0220161A Exterior Children Book Avea	white Door Coulh
1 B 1 +	d
0200 102 A Exterior Book Area	Gray Door Coulh
1 B + +	1
622163 A	Gray window cault
+ 1 +	+
07301041	white window routh
1 B 1	1
12201051. Exterior Coffee Area	gracy window could hard
1 B	+
0220 106 A	gray window could soft
1 0 +	+·
D220107A Ready An 2	white andor could steather
	AN AN A
D220108A	white window could by HE
B +	4 % SEC. 1
	= = =
*Comments/Special Instructions:	

Page ______of ____pages



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041707930

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Customer PO: Project ID:

Attn: Matthew Myers

Langan Engineering & Environ. Services

Long Wharf Maritime Center 555 Long Wharf Drive New Haven, CT

Phone: Fax:

(203) 562-5771 (203) 789-6142

Collected: Received: 2/20/2017 3/23/2017

Analyzed:

3/24/2017

Proj: 1491 / New Canaan Library

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:

Lab Sample ID: 041707930-0001

Sample Description:

Children's Book Area/Carpet Adhesive Yellow / Grey

	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Yellow	0% 100%	None Detected		

Client Sample ID:

022001B

Lab Sample ID:

041707930-0002

Sample Description:

Children's Book Area/Carpet Adhesive Yellow / Grey

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		3/23/2017	Yellow	0%	100%	None Detected			
Client Sample ID:	022002A						Lab Sample ID:	041707930-0003	

Client Sample ID: Sample Description:

Original Bldg/Connecting Corridor by Book Carpet Adhesive Only

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		3/23/2017	Tan	0%	100%	None Detected			
Client Sample ID:	022002B						Lab Sample ID:	041707930-0004	

Client Sample ID: Sample Description: 022002B

Original Bldg/Connecting Corridor by Book Carpet Adhesive Only

	Analyzed		Non-	Asbestos		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment
PLM	3/23/2017	Yellow	0%	100%	None Detected	

Client Sample ID:

022003A

041707930-0005 Lab Sample ID:

Sample Description:

Book Area Addition/Meeting Rm 1

	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0% 100%	None Detected		
0" 40 4 10 00000	ag D				Lab Cample ID.	044707020 0006

Client Sample ID:

Sample Description:

022003B

Book Area Addition/Stairwell Center

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		3/23/2017	Tan	0%	100%	None Defected			
Client Sample ID:	022004A		·				Lab Sample ID:	041707930-0007	

Sample Description:

LBAA Sheetrock 2nd Flr/Sheetrock

	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown/White	15%	85%	None Detected		



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Customer PO: Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Re	port for Aub		ary old or bu			110
Client Sample ID:	022004B					Lab Sample ID:	041707930-0008
Sample Description:	LBAA Sheetrock 1st Fir/Sh	eetrock					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown/White	20%	80%	None Detected		
Client Sample ID:	022005A					Lab Sample ID:	041707930-0009
Sample Description:	LBAA Taping Compound 2	nd Elr/Tanina Comp	ound				
,	LBAA Taping Compound 2	nd i ii/ iaping Comp	ound				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022005B					Lab Sample ID:	041707930-0010
Sample Description:	LBAA Taping Compound 1	st Flr/Taping Compo	und				
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022006A					Lab Sample ID:	041707930-0011
Sample Description:	CBA Office 4/Sheetrock						
TEST	Analyzed	Color		-Asbestos	Asbestos	Comment	
PLM	3/23/2017	Brown/White	Fibrous 0%	Non-Fibrous 100%	None Detected	Comment	
		Diowia vinto	070	10070	None Detected	1 -t C1- 1D:	044707000 0040
Client Sample ID:	022006B					Lab Sample ID:	041707930-0012
Sample Description:	CBA Basement Corridor/Sh	neetrock					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	5%	95%	None Detected		
Client Sample ID:	022007A					Lab Sample ID:	041707930-0013
Sample Description:	CBA Office 4/Taping Comp	ound				•	
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022007B					Lab Sample ID:	041707930-0014
Sample Description:	CBA Basement Corridor/Ta	ping Compound					
		•					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
'LM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022008A					Lab Sample ID:	041707930-0015
Sample Description:	OB Office 3 Attic/Rough Co	at Plaster - Gray					
	Analyzed			Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	5%	95%	None Detected		



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Customer PO: Project ID:

Summary Test Report for Ashestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Report	TOF ASDESTOS AF	nalysis of Bi	IIK Materiai via E	PA 600/R-93/	176
Client Sample ID:	022008B				Lab Sample ID:	041707930-0016
Sample Description:	OB Office 3 Attic/Rough Coat Plas	ster - Gray				
TEST	Analyzed		1-Asbestos	Anhestes	Comment	
PLM		Color Fibrous Gray 5%	Non-Fibrous 95%	Asbestos Nano Detected	Comment	
		Gray 57	9370	None Detected		
Client Sample ID:	022008C				Lab Sample ID:	041707930-0017
Sample Description:	OB Office 3 Attic/Rough Coat Plas	ster - Gray				
	Analyzed	Nor	ı-Asbestos			
TEST			Non-Fibrous	Asbestos	Comment	
PLM		Gray 5%		None Detected		
Client Sample ID:	022008D				Lab Sample ID:	041707930-0018
Sample Description:	OB 2nd Fir Office Stairs/Rough Co	at Blactor Gray				
	OB 211d Fir Office Stalls/Rough Co	Dat Flaster - Gray				
	Analyzed	Non	-Asbestos			
TEST	Date	Color Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray 3%	97%	None Detected		
Client Sample ID:	022008E				Lab Sample ID:	041707930-0019
Sample Description:	OB 2nd Flr Office Stairs/Rough Co	oat Plaster - Gray				
	-	•				
	Analyzed	Non	-Asbestos			
TEST		Color Fibrous		Asbestos	Comment	
PLM	3/23/2017	Gray 3%	97%	None Detected		
Client Sample ID:	022008F			*	Lab Sample ID:	041707930-0020
Sample Description:	OB Reading Rm 1/Rough Coat Pla	aster - Gray				
TEST	Analyzed Date (Non Color Fibrous	-Asbestos Non-Fibrous	Asbestos	Comment	
PLM		Gray 3%		None Detected	Comment	
		Oldy On	37.70	- None Detected	1 - 1 - 0 - · · · · · · · · · · · · · · · · ·	
Client Sample ID:	022008G				Lab Sample ID:	041707930-0021
Sample Description:	OB Reading Rm 2/Rough Coat Pla	aster - Gray				
	Analyzad	Non	Achastas			
TEST	Analyzed Date (-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017			Insufficient Material		
Client Sample ID:	022008H				Lab Sample ID:	041707930-0022
Sample Description:		igh Coat Plantor Cro				J.1707000 0022
	OB Basement Corridor (Door)/Rou	igii Odal Fiaslei - Gidy				
	Analyzed	Non	-Asbestos			
TEST		Color Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017			Insufficient Material		
Client Sample ID:	0220081				Lab Sample ID:	041707930-0023
Sample Description:	OB Basement Corridor (Toilet Roo	m)/Rough Coat Plaster - (Gray			
	,	-	-			
	Analyzed	Non	-Asbestos			
TEST			Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray 0%	100%	None Detected		



Client Sample ID:

Client Sample ID:

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Lab Sample ID:

Lab Sample ID:

041707930-0027

041707930-0030

Project ID:

041707930

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022009A	Lab Sample ID:	041707930-0024

Sample Description: OB Office 3 Attic/Finish Coat Plaster - White

		Analyzed		Non-	Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022009B						Lab Sample ID:	041707930-0025

Sample Description: OB Office 3 Attic/Finish Coat Plaster - White

	Ana	lyzed		Non	-Asbestos				
TEST	D	ate	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/23/2	017	White	0%	100%	None Detected			
Client Sample ID:	022009C						Lab Sample ID:	041707930-0026	

Sample Description: OB Office 3 Attic/Finish Coat Plaster - White

	Analyzed		Non-Asbestos		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment
PLM	3/23/2017	White	0% 100%	None Detected	

Sample Description: OB 2nd Flr Office Stairs/Finish Coat Plaster - White

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3,	/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022009E						Lab Sample ID:	041707930-0028

Sample Description: OB 2nd Flr Office Stairs/Finish Coat Plaster - White

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022009F						Lab Sample ID:	041707930-0029

Sample Description: OB Reading Rm 1/Finish Coat Plaster - White

	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0% 100%	None Detected		

Sample Description: OB Reading Rm 2/Finish Coat Plaster - White

022009G

	Analyzed			Non-	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022009H						Lab Sample ID:	041707930-0031

Sample Description: OB Basement Corridor (Stair)/Finish Coat Plaster - White

	Analyzed		Non	-Asbestos		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment
PLM	3/23/2017	White	0%	100%	None Detected	*



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Project ID:

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

		- P		· , · · · · · · · · ·			
Client Sample ID:	0220091					Lab Şample ID:	041707930-0032
Sample Description:	OB Basement Corridor (To	oilet Room)/Finish C	oat Plaster - Whi	ite			
TEST	Analyzed	Color		sbestos	Asbestos	Comment	
PLM	3/23/2017	Color White	0%	100%	None Detected	Comment	
		vviiitė	070	10070	None Detected	1 -h C1- 10:	044707000 0000
Client Sample ID:	0220010A					Lab Sample ID:	041707930-0033
Sample Description:	CBA Above Ceiling Tiles/R	Roof Debris on Fiber	glass				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black/Yellow	10%	90%	None Detected		
Client Sample ID:	0220010B					Lab Sample ID:	041707930-0034
Sample Description:	CBA Above Ceiling Tiles/R	oof Debris on Fiber	glass				
	-						
	Analyzed	_		sbestos		_	
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black/Yellow	10%	90%	None Detected		
Client Sample ID:	022011					Lab Sample ID:	041707930-0035
Sample Description:	1st Floor Center Area-Mail	nt Entry/Sink Under	coating P				
TEST	Analyzed Date	Color		sbestos Ion-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Pink	0%	95%	5% Chrysotile	Comment	
		THIK	070	0070	578 Onlysoule	1-1-01-10-	0.44707000.0000
Client Sample ID:	022012					Lab Sample ID:	041707930-0036
Sample Description:	CBA-1st Floor/Sink Under	coating G					
	Analyzed		Non-As	sbestos			
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	10%	90%	None Detected		
Client Sample ID:	022013					Lab Sample ID:	041707930-0037
Sample Description:	OB-Basement Café/Sink L	Indercoating G				•	
	OB-Daschieft Oale/Ollik C	macrobating C					
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	10%	90%	None Detected		41
Client Sample ID:	022014					Lab Sample ID:	041707930-0038
Sample Description:	CBA-Basement Pantry/Sin	k Undercoating W					
	Analyzed	_ 1		bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	3/23/2017	White	5%	95%	None Detected		
Client Sample ID:	022015A					Lab Sample ID:	041707930-0039
Sample Description:	LBAA 1st Floor Book Area	Spray Applied Firep	roofing				
	2.2.3		42.0				
	Analyzed		Non-As	bestos			

Fibrous Non-Fibrous

25%

Asbestos

None Detected

Comment

Color

Gray

Date

3/23/2017

TEST



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Project ID:

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022015B		Desics Allalysis of D		Lab Sample ID:	041707930-0040
Sample Description:		av Applied Fire	eproofing		•	
		, , , , , , , , , , , , , , , , , , , ,	•			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	20% 80%	None Detected		
Client Sample ID:	022015C				Lab Sample ID:	041707930-0041
Sample Description:	LBAA 1st Floor Book Area/Spr	ay Applied Fire	eproofing			
	A colo a col		No. Astron			
TEST	Analyzed Date	Color	Non-Asbestos Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	25% 75%	None Detected		
Client Sample ID:	022015D				Lab Sample ID:	041707930-0042
Sample Description:	LBAA 1st Floor Book Area/Spr	av Applied Fire	poroofing		Lub Gumpro ID.	041107300-0042
	EDAA 131 1 1001 BOOK Alea/Opi	ay Applied 1 lie	sprooming			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	25% 75%	None Detected		
Client Sample ID:	022015E				Lab Sample ID:	041707930-0043
Sample Description:	LBAA 1st Floor Book Area/Spr	ay Applied Fire	eproofing			
TEST	Analyzed	Calas	Non-Asbestos Fibrous Non-Fibrous	Anhartan	Comment	
PLM	3/23/2017	Gray	25% 75%	Asbestos None Detected	Comment	
		City	2070 1070	None Beleeted	Lab Samala ID:	044707020 0044
Client Sample ID: Sample Description:	022015F	l(O A)	- 4 Ft F		Lab Sample ID:	041707930-0044
запрів резсприоп.	LBAA 1st Floor Connect Corrid	ior/Spray Appil	led Fireprooting			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	25% 75%	None Detected		
Client Sample ID:	022015G				Lab Sample ID:	041707930-0045
Sample Description:	OB Boiler Room/Spray Applied	l Fireproofing				
	Analyzed	0-1	Non-Asbestos	A - b 4	0	
PLM	3/23/2017	Color Gray	Fibrous Non-Fibrous 20% 80%	Asbestos None Detected	Comment	
		Ciay	2070 0070	Notic Detected	I oh Comple ID:	044707020 0040
Client Sample ID:	022015H	-11-4 - 1	•		Lab Sample ID:	041707930-0046
Sample Description:	OB Basement Office/Spray Ap	piled Fireproof	ing			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	25% 75%	None Detected		
Client Sample ID:	022015				Lab Sample ID:	041707930-0047
Sample Description:	OB Basement off TRS/Spray A	pplied Fireprod	ofing			
	-		e e			
	Analyzed		Non-Asbestos		_	
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	

3/23/2017

Gray

25%

75%

None Detected



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EMSL Order ID: Customer ID: Customer PO:

Project ID:

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 041707930-0048 Client Sample ID: Sample Description: OB Front Entry Stair to Basement/Black Paper on Wood Floor Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Comment Color Asbestos PLM 3/23/2017 Black 30% 70% None Detected 022016B Lab Sample ID: 041707930-0049 Client Sample ID: Sample Description: OB Front Entry Stair to Basement/Black Paper on Wood Floor Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Color Comment Asbestos PLM 3/23/2017 Black 60% 40% None Detected 022017A Lab Sample ID: 041707930-0050 Client Sample ID: Sample Description: OB 2nd Floor Offices/White Wall Canvas Analyzed Non-Asbestos **TEST** Fibrous Non-Fibrous Date Color Asbestos Comment PLM 3/23/2017 White 80% 20% None Detected Client Sample ID: 022017B Lab Sample ID: 041707930-0051 Sample Description: OB 2nd Floor Offices/White Wall Canvas Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 3/23/2017 White 80% 20% None Detected Client Sample ID: 022018A Lab Sample ID: 041707930-0052 Sample Description: OB 2nd Floor Offices/Brown/Black Material behind Wall Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 3/23/2017 Brown/White 60% 40% None Detected Client Sample ID: 022018B Lab Sample ID: 041707930-0053 Sample Description: OB 2nd Floor Offices/Brown/Black Material behind Wall Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 3/23/2017 Brown/White 60% 40% None Detected Client Sample ID: 022019A Lab Sample ID: 041707930-0054 Sample Description: OB Basement/Wall / Ceiling - White/Red Black Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 3/23/2017 Brown 0% 100% None Detected

Non-Asbestos

Non-Fibrous

100%

Asbestos

None Detected

Fibrous

0%

022019B

OB Basement/Wall / Ceiling - White/Red Black

Color

Brown

Analyzed

Date

3/23/2017

Client Sample ID:

TEST

PLM

Sample Description:

041707930-0055

Lab Sample ID:

Comment



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Customer PO: Project ID:

Client Sample ID:	022020A					Lab Sample ID:	116 041707930-0056
Sample Description:						Las campions.	041707300-0000
sample bescription.	OB Basement/Grout						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022020B					Lab Sample ID:	041707930-0057
Sample Description:	OB Basement/Grout						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022021A					Lab Sample ID:	041707930-0058
Sample Description:	OB Basement Mech Room	/Duct Pin Adhesive	Dark Brown				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	94%	6% Chrysotile		
Client Sample ID:	022021B					Lab Sample ID:	041707930-0059
Sample Description:	OB Basement Mech Room	/Duct Pin Adhesive	Dark Brown				
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	022022A					Lab Sample ID:	041707930-0060
Sample Description:	Basement Mech Rooms/Di	uct Seam Tape - Wh	ito				
		acticioniii iapo viii	ite				
		and and an inches	ii.e				
	Analyzed		Non	-Asbestos			
TEST	Analyzed Date	Color	Non Fibrous	Non-Fibrous	Asbestos	Comment	
	Analyzed		Non		Asbestos None Detected	Comment	
PLM Client Sample ID:	Analyzed Date	Color	Non Fibrous	Non-Fibrous		Comment Lab Sample ID:	041707930-0061
PLM Client Sample ID:	Analyzed Date 3/24/2017	Color White	Non Fibrous 20%	Non-Fibrous			041707930-0061
PLM Client Sample ID:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/De	Color White	Non Fibrous 20%	Non-Fibrous 80%			041707930-0061
PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Do	Color White uct Seam Tape - Whi	Non Fibrous 20%	Non-Fibrous 80%	None Detected	Lab Sample ID:	041707930-0061
PLM Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Do Analyzed Date	Color White uct Seam Tape - Whi	Non Fibrous Non Fibrous	80% Asbestos Non-Fibrous	None Detected Asbestos		041707930-0061
Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017	Color White uct Seam Tape - Whi	Non Fibrous 20%	Non-Fibrous 80%	None Detected	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed	Color White uct Seam Tape - Whi Color White	Non Fibrous 20% te Non Fibrous 30%	80% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	041707930-0061 041707930-0062
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017	Color White uct Seam Tape - Whi Color White	Non Fibrous 20% te Non Fibrous 30%	80% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Du Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi	Color White uct Seam Tape - Whi Color White	Non Fibrous 20% te Non Fibrous 30%	Asbestos Non-Fibrous 70%	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Di Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed	Color White uct Seam Tape - Whi Color White pe End Cap Insulation	Non-Fibrous 30% Non-Non-Non-Fibrous	Asbestos 70% Asbestos	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date Analyzed Date	Color White uct Seam Tape - Whi Color White pe End Cap Insulation	Non-Fibrous	Asbestos Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date 3/24/2017	Color White uct Seam Tape - Whi Color White pe End Cap Insulation	Non-Fibrous 30% Non-Non-Non-Fibrous	Asbestos 70% Asbestos	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0062
Client Sample ID: Client Sample Description: TEST CLM Client Sample ID: cample Description: TEST TEST CLM Client Sample ID:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date 3/24/2017 022023B	Color White uct Seam Tape - White Color White pe End Cap Insulation Color White/Yellow	Non Fibrous 30% Non Fibrous 10%	Asbestos Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date 3/24/2017	Color White uct Seam Tape - White Color White pe End Cap Insulation Color White/Yellow	Non Fibrous 30% Non Fibrous 10%	Asbestos Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0062
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date 3/24/2017 022023B Basement Mech Rooms/Pi	Color White uct Seam Tape - White Color White pe End Cap Insulation Color White/Yellow	Non Fibrous 30% Non Fibrous 10%	Asbestos Non-Fibrous 70% Asbestos Non-Fibrous 90%	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0062
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022022B Basement Mech Rooms/Date Analyzed Date 3/24/2017 022023A Basement Mech Rooms/Pi Analyzed Date 3/24/2017 022023B	Color White uct Seam Tape - White Color White pe End Cap Insulation Color White/Yellow	Non-Fibrous 10% Non-Fibrous 10% Non-Fibrous	Asbestos Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0062



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			30100711	,	k Material via E		
Client Sample ID:	022023C					Lab Sample ID:	041707930-0064
Sample Description:	Basement Mech Rooms/Pip	oe End Cap Insulati	on				
	Analyzed		Nor	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	White/Yellow	30%	70%	None Detected		
Client Sample ID:	022024A					Lab Sample ID:	041707930-0065
Sample Description:	Boiler Room/Boiler Duct Ex	haust Gray					
	Analyzed		Nor	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022024B					Lab Sample ID:	041707930-0066
Sample Description:	Boiler Room/Boiler Duct Ex	haust Gray					
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022024C					Lab Sample ID:	041707930-0067
Sample Description:	Boiler Room/Boiler Duct Ex	haust Gray					
	Analyzed			-Asbestos		_	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	5%	95%	None Detected		
Client Sample ID:	022025A					Lab Sample ID:	041707930-0068
Sample Description:	Boiler Room/Boiler Duct Ext	haust White					
Sample Description:		haust White					
	Analyzed			-Asbestos			
TEST	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
TEST PLM	Analyzed Date 3/24/2017			Non-Fibrous	Asbestos None Detected		
TEST PLM Client Sample ID:	Analyzed Date	Color	Fibrous	Non-Fibrous		Comment Lab Sample ID:	041707930-0069
TEST PLM Client Sample ID:	Analyzed Date 3/24/2017	Color White	Fibrous	Non-Fibrous			041707930-0069
TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext	Color White	Fibrous 30%	Non-Fibrous 70%			041707930-0069
TEST PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext	Color White naust White	Fibrous 30% Non	Non-Fibrous 70% -Asbestos	None Detected	Lab Sample ID:	041707930-0069
TEST Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date	Color White naust White Color	Fibrous 30% Non Fibrous	Non-Fibrous 70% -Asbestos Non-Fibrous	None Detected Asbestoş		041707930-0069
TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017	Color White naust White	Fibrous 30% Non	Non-Fibrous 70% -Asbestos	None Detected	Lab Sample ID:	***************************************
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017	Color White naust White Color White	Fibrous 30% Non Fibrous	Non-Fibrous 70% -Asbestos Non-Fibrous	None Detected Asbestoş	Lab Sample ID:	041707930-0069 041707930-0070
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017	Color White naust White Color White	Fibrous 30% Non Fibrous	Non-Fibrous 70% -Asbestos Non-Fibrous	None Detected Asbestoş	Lab Sample ID:	***************************************
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext	Color White naust White Color White	Non Fibrous 30%	Non-Fibrous 70% -Asbestos Non-Fibrous 70%	None Detected Asbestoş	Lab Sample ID:	***************************************
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext	Color White color White White	Non Fibrous 30%	Asbestos 70% Asbestos Non-Fibrous 70% Asbestos	Asbestoş None Detected	Lab Sample ID: Comment Lab Sample ID:	***************************************
TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext	Color White naust White Color White	Non Fibrous 30%	Non-Fibrous 70% -Asbestos Non-Fibrous 70%	None Detected Asbestoş	Lab Sample ID:	***************************************
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017	Color White Color White color White color	Non Fibrous 30% Non Fibrous	Asbestos Non-Fibrous 70% -Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0070
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022026A	Color White Color White color White Color White Color White	Non Fibrous 30% Non Fibrous 20%	Asbestos Non-Fibrous 70% -Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	***************************************
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017	Color White Color White color White Color White Color White	Non Fibrous 30% Non Fibrous 20%	Asbestos Non-Fibrous 70% -Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0070
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022026A OB Offiec 3 Attic/Mineral Wo	Color White Color White color White Color White Color White	Non Fibrous Non Fibrous 20%	Non-Fibrous 70% -Asbestos Non-Fibrous 70% -Asbestos Non-Fibrous 80%	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0070
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 3/24/2017 022025B Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022025C Boiler Room/Boiler Duct Ext Analyzed Date 3/24/2017 022026A	Color White Color White color White Color White Color White	Non Fibrous Non Fibrous 20%	Asbestos Non-Fibrous 70% -Asbestos Non-Fibrous Non-Fibrous	Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0070



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Client Sample ID:	Summary Test Re			.,, .,		Lab Sample ID:	041707930-0072
Sample Description:	OB Offiec 3 Attic/Mineral V	ool Loose Insulation				Law Campions.	041707000-0072
,	OB Office o Attic/Mine/all Vi	ooi 20030 madiation					
	Analyzed		Nor	ı-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	White	90%	6 10%	None Detected		
Client Sample ID:	022026C					Lab Sample ID:	041707930-0073
Sample Description:	OB Offiec 3 Attic/Mineral W	ool Loose Insulation					
	Analyzed		Nor	ı-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	90%	10%	None Detected		
Client Sample ID:	022027A					Lab Sample ID:	041707930-0074
Sample Description:	OB Offiec 3 Attic/Black Flas	hing by Roof Access					
	Analyzed	_		-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black	0%	94%	6% Chrysotile		
Client Sample ID:	022027B					Lab Sample ID:	041707930-0075
Sample Description:	OB Offiec 3 Attic/Black Flas	hing by Roof Access	i i				
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	022028A					Lab Sample ID:	041707930-0076
Sample Description:	LBAA Roof Deck/Tectan Ce	iling					
	Analyzed			-Asbestos			
TEST PLM	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLIVI	3/24/2017	Brown/White	30%	70%	None Detected		
Client Sample ID:	022028B					Lab Sample ID:	041707930-0077
Sample Description:	LBAA Roof Deck/Tectan Ce	iling					
TEST	Analyzed	0-1	_	-Asbestos	Antonio	0	
TEST	3/24/2017	Color Brown/Grav	40%	Non-Fibrous 60%	Asbestos	Comment	
		DIOWII/GIAY	40%	00%	None Detected		
Client Sample ID:	022029A					Lab Sample ID:	041707930-0078
Sample Description:	LBAA 2nd Floor Book Area/l	Paper on Wood Bear	m				
				A = b = = 4 =			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	85%		None Detected	Comment	
		DIOWII	0070	1370	MOHE Detected	1-1-0	
Client Sample ID:	022029B					Lab Sample ID:	041707930-0079
Sample Description:	LBAA 2nd Floor Book Area/I	Paper on Wood Bear	n				
	•			Actions			
TEST	Analyzed	Colo-		-Asbestos	A a b 4	Comment	
	3/24/2017	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	75%	25%	None Detected		



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022030A					Lab Sample ID:	041707930-0080
Sample Description:	LBAA 2nd Floor Book Area	a/Fiberglass Paper Ir	nsulation Cover	ing			
	Anglyzod		Non-A	sbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Silver/Yellow	40%	60%	None Detected		
Client Sample ID:	022030B					Lab Sample ID:	041707930-0081
Sample Description:		-/Eibaralasa Danas Is	andation Course				
Sample Description.	LBAA Basement Mech Rn	n/Fiberglass Paper ir	isulation Coveri	ing			
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Silver/Yellow	45%	55%	None Detected		
Client Sample ID:	022031A					Lab Sample ID:	041707930-0082
Sample Description:		a/Duct Seam Putty				·	
	ED/V/ENG FIOOF DOOK/AICE	2/Duct Ocum r day					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous 1	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022031B				M	Lab Sample ID:	041707930-0083
Sample Description:	LBAA 2nd Floor Book Area	a/Duct Seam Putty					
		,					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022032A					Lab Sample ID:	041707930-0084
Sample Description:	LBAA 1st Floor Book Store	ge/Wallpaper Adhes	sive				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Yellow	0%	100%	None Detected		
Client Sample ID:	022032B					Lab Sample ID:	041707930-0085
Sample Description:	LBAA 1st Floor Office 2/W	allpaper Adhesive					
	Analyzed	5.		sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Yellow	0%	100%	None Detected		
Client Sample ID:	022033A					Lab Sample ID:	041707930-0086
Sample Description:	CBA Above Ceiling/Fibergl	ass Paper Black					
TEAT	Analyzed	0-1		sbestos	Anhorter	Com	
TEST	Date 2/24/2017	Color	Fibrous N	lon-Fibrous 20%	Asbestos None Detected	Comment	
PLM	3/24/2017	Brown/Black	80%	20%	None Detected		
Client Sample ID:	022033B				€	Lab Sample ID:	041707930-0087
Sample Description:	CBA Above Ceiling/Fibergl	ass Paper Black					

Non-Asbestos

Fibrous Non-Fibrous

15%

85%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

3/24/2017

Color

Brown/Black



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022034A					Lab Sample ID:	041707930-0088
ample Description:	LBAA 1st Floor/12x12 Spi	ine Ceiling Tile					
TEST	Analyzed	0-1		-Asbestos	A - b 4	0	
PLM	3/24/2017	Color Gray/White	90%	Non-Fibrous	Asbestos None Detected	Comment	
		Gray/vvinte		1070	None Detected		
Client Sample ID:	022034B					Lab Sample ID:	041707930-0089
Sample Description:	LBAA 1st Floor/12x12 Spl	ine Ceiling Tile					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022035A					Lab Sample ID:	041707930-0090
Sample Description:	Office 2/12x12 Spline Ceil	ing Tile				•	
	Omod Estexte opinio don	mg rae					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	95%	5%	None Detected		
Client Sample ID:	022035B					Lab Sample ID:	041707930-0091
Sample Description:	Office 2/12x12 Spline Ceil	ina Tile				·	
	Onioo E/ IEX IE Opinio Oci	ing file					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	90%	10%	None Detected		
Client Sample ID:	022036A					Lab Sample ID:	041707930-0092
Sample Description:	Office 3/12x12 Spline Ceil	ina Tile					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	90%	10%	None Detected		
Client Sample ID:	022036B					Lab Sample ID:	041707930-0093
Sample Description:	Office 3/12x12 Spline Ceil	ing Tile					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	90%	10%	None Detected		
Client Sample ID:	022037A	-				Lab Sample ID:	041707930-0094
Sample Description:	OB Center Corridor Above	CTS/12x12 Ceiling	Tile Large Ho	le			
TEST	Analyzed	Calas		Asbestos	Aaba-+	Comment	
TEST	2/24/2017	Color	Fibrous 05%	Non-Fibrous 5%	Asbestos	Comment	
	3/24/2017	Gray/White	95%	5%	None Detected		
Client Sample ID:	022037B					Lab Sample ID:	041707930-0095
Sample Description:							

Non-Asbestos

Fibrous Non-Fibrous

25%

75%

TEST

PLM

Analyzed

Date

3/24/2017

Color

Gray/White

Comment

Asbestos

None Detected



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Client Sample ID:	O22038A	sport for Ask	CSIOS AI	lary sis or bu	in illaterial via L	Lab Sample ID:	041707930-0096
Sample Description:		CTC/Prown Coiling	Tilo Cluo			Las campions.	041707300-0030
odinpro Bosonpiloni	Ob Center Corridor Above	C 13/Blown Celling	J file Glue				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022038B					Lab Sample ID:	041707930-0097
Sample Description:	OB Center Corridor Above	CTS/Brown Ceiling	Tile Glue				
			,				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022039A					Lab Sample ID:	041707930-0098
Sample Description:	LBAA / Original Office 4/12	x12 Ceiling Tile Sn	nall Hole				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	95%	5%	None Detected		
Client Sample ID:	022039B					Lab Sample ID:	041707930-0099
Sample Description:	LBAA / Original 1st Floor B	look Area/12x12 Ce	eiling Tile Sma	ll Hole			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022040A					Lab Sample ID:	041707930-0100
Sample Description:	LBAA / Original Office 4/Br	own Ceiling Tile Gl	ue				
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Détected		
Client Sample ID:	022040B					Lab Sample ID:	041707930-0101
Sample Description:	LBAA / Original 1st Floor B	ook Area/Brown Ce	iling Tile Glue	1			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022041					Lab Sample ID:	041707930-0102
Sample Description:	OB Basement Café/2x2 Ce	iling Tiles					
TEST	Analyzed	Co!		-Asbestos	A-b	Comment	
TEST PLM	2/22/2017	Color		Non-Fibrous 20%	Asbestos None Detected	Comment	
	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022042					Lab Sample ID:	041707930-0103
Sample Description:	LBAA 1st Floor Meeting RM	1 1/2x2 Ceiling Tile	s				
TEOT	Analyzed	0-1		Asbestos	A-L .	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Rep	OIL IOI ASD	estos Analys	is or bui	IN Material VIA		
Client Sample ID:	022043					Lab Sample ID:	041707930-0104
Sample Description:	OB Connect Corridor/2x2 Ce	iling Tiles					
	Analyzed		Non-Asbes	stos			
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022044					Lab Sample ID:	041707930-0105
Sample Description:	CBA Main Room/2x2 Ceiling	Tiles					
	Analyzed		Non-Asbe	stos			
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022045					Lab Sample ID:	041707930-0106
Sample Description:	CBA Main Back Area/2x2 Ce	iling Tiles					
	Analyzed		Non-Asbes	stos			
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022046A					Lab Sample ID:	041707930-0107
Sample Description:	OB / LBAA Women's Toilet C	loset/Ceiling Tile					
	Analyzed		Non-Asbes			0	
PLM	3/23/2017	Color White	Fibrous Non-	20%	Asbestos None Detected	Comment	
		VVIIILE	5070	2070	None Detected	Lab Sample ID:	044707020 04074
Client Sample ID: Sample Description:	022046B					Lab Sample ID:	041707930-0107A
Sample Description.	OB / LBAA Women's Toilet C	loset/Celling Tile					
	Analyzed		Non-Asbes	stos			
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022047A				¥1	Lab Sample ID:	041707930-0108
Sample Description:	LBAA Office 4/2x4 Ceiling Tile	9					
	Analyzed		Non-Asbes				
TEST	Date	Color	Fibrous Non-l		Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022047B					Lab Sample ID:	041707930-0109
Sample Description:	LBAA Office 4/2x4 Ceiling Tile	3					
	Analyzed		Non-Asbes	itos			
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022048				7	Lab Sample ID:	041707930-0110
Sample Description:	OB Corridor Stair Basement	Old/2x4 Ceiling Ti	le				
	Analyzed		Non-Asbes	itos			
TEST	Date	Color	Fibrous Non-I		Asbestos	Comment	

3/23/2017

White

80%

20%

None Detected



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Client Sample ID:	022049	•				Lab Sample ID:	041707930-0111
Sample Description:	OB Corridor Stair Baseme	at Now/2v4 Cailing	Tilo			cab campic ib.	041701330-0111
campio Bootinpiioiii	Ob Corridor Stall Daserile	nt New/2x4 Celling	THE				
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022050					Lab Sample ID:	041707930-0112
Sample Description:	OB Corridor Stair Basemer	nt Ramp/2x4 Ceilin	g Tile				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022051					Lab Sample ID:	041707930-0113
Sample Description:	OB Corridor Stair Basemer	nt Office/2x4 Ceiling	Tile				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	80%	20%	None Detected		
Client Sample ID:	022052					Lab Sample ID:	041707930-0114
Sample Description:	OB Corridor Stair Basemer	nt Off TRS/2x4 Ceil	ing Tile				
	Analyzed			Asbestos	92		
TEST PLM	Date 2/02/0247	Color		Non-Fibrous	Asbestos	Comment	
PLIVI	3/23/2017	Gray/White	80%	20%	None Detected		
Client Sample ID:	022053					Lab Sample ID:	041707930-0115
Sample Description:	OB Corridor Stair Basemer	nt Corridor Meeting	2x4 Ceiling Tile	•			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray/White	80%	20%	None Detected	Comment	
9		O.G., Trinis		2070	None Betested	1-1-01-10-	044707000 0440
Client Sample ID:	022054A					Lab Sample ID:	041707930-0116
Sample Description:	Exterior LBAA/Black Damp	proofing under Win	dow				
	Analyzed		Non-A	sbestos			
TEST			HOIP	เอมชอเบอ			
	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Color Black	Fibrous 0%	Non-Fibrous 95%	Asbestos 5% Chrysotile	Comment	
	3/23/2017						041707930-0117
Client Sample ID:	3/23/2017 022054B	Black	0%			Comment Lab Sample ID:	041707930-0117
Client Sample ID:	3/23/2017	Black	0%				041707930-0117
PLM Client Sample ID: Sample Description:	3/23/2017 022054B	Black	0% or				041707930-0117
Client Sample ID:	3/23/2017 022054B Exterior LBAA/Black Damp	Black	0% or Non-A	95%			041707930-0117
Client Sample ID: Sample Description: TEST	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed	Black proofing under Doc	0% or Non-A	95% sbestos Non-Fibrous	5% Chrysotile	Lab Sample ID:	041707930-0117
Client Sample ID: Sample Description: TEST	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed Date 3/23/2017	Black proofing under Doc	0% or Non-A	95% sbestos Non-Fibrous	5% Chrysotile Asbestos	Lab Sample ID:	041707930-0117 041707930-0118
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed Date 3/23/2017	Black proofing under Doc Color	0% Non-A Fibrous	95% .sbestos Non-Fibrous Positivi	5% Chrysotile Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed Date 3/23/2017	Black proofing under Doc Color	0% Non-A Fibrous	95% .sbestos Non-Fibrous Positivi	5% Chrysotile Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed Date 3/23/2017	Black proofing under Doc Color	0% Non-A Fibrous	95% .sbestos Non-Fibrous Positivi	5% Chrysotile Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/23/2017 022054B Exterior LBAA/Black Damp Analyzed Date 3/23/2017 022055A Exterior OB Front-Lower W	Black proofing under Doc Color	Non-A Fibrous Basement Wir	95% sbestos Non-Fibrous Positiv	5% Chrysotile Asbestos	Lab Sample ID: Comment	



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Client Sample ID:	Summary Test Rep			, 5 5. 54		Lab Sample ID:	041707930-0119
Sample Description:	Exterior OB Front-Lower Wir	ndow/Roofing ov	er Rasement V	Mindows			
	Exterior OB FIGHT-LOWER WII	idow/Rooning ov	ei baseilleilt v	WIIdows			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black	30%	70%	None Detected		
Client Sample ID:	022056A				7	Lab Sample ID:	041707930-0120
Sample Description:	LBAA 1st Floor Book Area/G	reen/Yellow Car	pet Adhesive				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Green	0%	100%	None Detected		
Client Sample ID:	022056B					Lab Şample ID:	041707930-0121
Sample Description:	LBAA 1st Floor Book Area/G	reen/Yellow Carp	et Adhesive				
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Green	0%	100%	None Detected		
Client Sample ID:	022057A					Lab Sample ID:	041707930-0122
Sample Description:	Corridor off TRS Basement/\	/inyl Stair Base					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown	0%	100%	None Détected		
Client Sample ID:	022057B					Lab Sample ID:	041707930-0123
Sample Description:	Corridor off TRS Basement/\	/inyl Stair Base					
TEOT	Analyzed	0-1		-Asbestos		0	
TEST PLM	Date	Color		Non-Fibrous	Asbestos	Comment	
-LIVI	3/23/2017	Brown	0%	100%	None Detected		*********
Client Sample ID:	022058A					Lab Sample ID:	041707930-0124
Sample Description:	Corridor off TRS Basement/C	Slue					
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Anhantan	Commont	
TEST PLM	3/23/2017	Yellow	Fibrous 0%		Asbestos None Detected	Comment	
		TOTION	370	10070	None Detected		
Client Sample ID:	022058B					Lab Sample ID:	041707930-0125
Sample Description:	Corridor off TRS Basement/0	Blue				8.	
	Anahanad		Ma-	-Asbestos			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Yellow	0%		None Detected		
						I ah Samala ID:	044707030 0436
Client Sample ID:	022059A					Lab Sample ID:	041707930-0126
Sample Description:	2nd Flr Offices/Tan Cove Bas	se Adhesive					
	Analysad		No-	Ashaetas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%		None Detected		
	5,20,2011	***************************************	J 70	10070	None Detected		



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Semale ID.	022059B	OIL IOI ASL	estos Analysis of Bu	ik iviateriai via L	Lab Sample ID:	
Client Sample ID: Sample Description:					Lab Sample ID:	041707930-0127
ampie Description.	2nd Flr Offices/Tan Cove Bas	se				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0% 100%	None Detected		
Client Sample ID:	022060A				Lab Sample ID:	041707930-0128
Sample Description:		Daniel Carra Basa	Adhasiss		Lab Sample ID.	041707330-0120
sumpre Beseription.	2nd FIr Original Serv Office/E	nown Cove Base	Adriesive			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown	0% 100%	None Detected		
Client Sample ID:	022060B				Lab Sample ID:	041707930-0129
Sample Description:	2nd FIr Original Serv Office/V	White Cove Base	Adhesive		•	
			, 1411-05(1)			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0% 100%	None Detected		
Client Sample ID:	022060C				Lab Sample ID:	041707930-0130
Sample Description:	2nd Flr Original Serv Office/G	Green/Black Cove	e Base			
	•					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black/Green	0% 100%	None Detected		
Client Sample ID:	022061				Lab Sample ID:	041707930-0131
Sample Description:	2nd Fir Book Area (LBAA)/Br	own Cove Glue				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown	0% 100%	None Detected		
Client Sample ID:	022062A				Lab Sample ID:	041707930-0132
Sample Description:	2nd Fir Book Area (LBAA)/Bro	own Cove Glue				
	Analyzed		Non-Asbestos			
TEST PLM	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
	3/23/2017	Brown/White	0% 100%	None Detected		
Client Sample ID:	022062B				Lab Sample ID:	041707930-0133
Sample Description:	2nd Fir Book Area (LBAA)/Gra	ay Cove				
TEST	Analyzed	Color	Non-Asbestos	Anhantan	Comment	
TEST	3/23/2017	Color Gray	Fibrous Non-Fibrous 0% 100%	Asbestos None Detected	Comment	
		Glay	U /U 1UU 70	None perected		
Client Sample ID:	022063A				Lab Sample ID:	041707930-0134
ample Description:	1st Floor Office 2/Brown/Tan	Cove Glue				
			N A-1 -1			
TEST	Analyzed Date	Color	Non-Asbestos Fibrous Non-Fibrous	Asbestos	Comment	
IESI	Date	Color	FIDIOUS NON-FIDIOUS	Aspestos	Comment	

3/23/2017

Brown/Tan

0%

100%

None Detected



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Repo	JIL IOI ASL	Jestos Ali	alysis of Bu	IIN Material Via E		
Client Sample ID:	022063B					Lab Sample ID:	041707930-0135
Sample Description:	1st Floor Office 2/Gray Cove						
	A maliad		N	Ashadas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	0%	100%	None Detected	Comment	
		Gray		10076	None Detected		
Client Sample ID:	022064A					Lab Sample ID:	041707930-0136
Sample Description:	1st Floor Center Area (OB)/Bro	own Cove Glue					
TEST	Analyzed Date	Color	Non- Fibrous	-Asbestos Non-Fibrous	Ashantas	Comment	
PLM	3/23/2017	Brown	0%	100%	Asbestos None Detected	Comment	
		DIOWII	070	10070	None Detected		
Client Sample ID:	022064B					Lab Sample ID:	041707930-0137
Sample Description:	1st Floor Center Area (OB)/Bro	own Cove Glue					
	A tu d						
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected	Comment	
		DIOWII	070	100 70	None Detected		***************************************
Client Sample ID:	022064C					Lab Sample ID:	041707930-0138
Sample Description:	1st Floor Center Area (OB)/Blu	e/Tan Cove					
	A						
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan/Blue	0%	100%	None Detected	Comment	
		Turii Dido		10070	Hone Beledica	1.1.0	
Client Sample ID:	022064D					Lab Sample ID:	041707930-0139
Sample Description:	1st Floor Center Area (OB)/Blu	e/Tan Cove					
	Analyzad		Non	Asbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Tan/Blue	0%	100%	None Detected		
Client Sample ID:	0000654					Lab Sample ID:	041707930-0140
Sample Description:	022065A	(00 t) = 0				Lab Sample ID.	041707930-0140
Sample Description.	1st Floor Children's Book Area	(CBA)/ Ian Cov	e Glue				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022065B				/	Lab Sample ID:	041707930-0141
Sample Description:		(CDA)///hit- C	0110			_uu vallipie iD.	5-1101000-VITI
amipro Decempnent.	1st Floor Children's Book Area	(UDA)/VVIIILE U	ove				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	022066A					Lab Sample ID:	041707930-0142
Sample Description:						Lub Gampie ID.	071101330-014£
очтрю возопраон.	Office #4/Tan Cove Glue						

Non-Asbestos

Fibrous Non-Fibrous

100%

0%

TEST

PLM

Analyzed

Date

3/23/2017

Color

Tan

Comment

Asbestos

None Detected



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022066B					Lab Sample ID:	041707930-0143
Sample Description:	Office #4/Tan Cove					,	
	Office #4/ fail Cove						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022067A					Lab Sample ID:	041707930-0144
Sample Description:	Basement Corridor (OB)/B	rown Cove Glue					
	, ,						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022067B					Lab Sample ID:	041707930-0145
Sample Description:	Basement Corridor Ramp	(OB)/Brown Cove G	lue				
		` ,					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022067C					Lab Sample ID:	041707930-0146
Sample Description:	Basement Corridor (OB)/Ta	an Cove					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022067D				••••••••••••	Lab Sample ID:	041707930-0147
Sample Description:	Basement Corridor Ramp	(OB)/Tan Cove					
		,					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022068A					Lab Sample ID:	041707930-0148
Sample Description:	Basement Pantry (LBAA)/1	ellow Cove Glue					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White/Yellow	0%	100%	None Détected		
Client Sample ID:	022068B					Lab Sample ID:	041707930-0149
Sample Description:	Basement Pantry (LBAA)/1	an Cove					
•							
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022069A					Lab Sample ID:	041707930-0150
Sample Description:	Large Meeting Rm/Cove G	lue				•	
	Large Weeting Kin/Cove G	100					

Non-Asbestos

Fibrous Non-Fibrous

0%

100%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

3/23/2017

Color

Tan



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID: Customer PO:

Project ID:

041707930

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Comple ID:		port for Aub	cotos Analysis of L	July Material Via E	Lab Sample ID:	041707930-0151
Client Sample ID:	022069B				Lab Salliple ID:	041/0/930-0191
Sample Description:	Large Meeting Rm/White C	ove				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0% 100%	None Detected		
Client Sample ID:	022070A				Lab Sample ID:	041707930-0152
Sample Description:		y Cove Clue				0411010000102
	Definite Stage/Black / Tellow	Cove Giue				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black/Yellow	0% 100%	None Detected		
Client Sample ID:	022070B				Lab Şample ID:	041707930-0153
Sample Description:	Behind Stage/Black Cove					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black	0% 100%	None Detected		
Client Sample ID:	022071A				Lab Sample ID:	041707930-0154
Sample Description:	Basement Ramp (OB)/Blac	k near Floor Strips				
	Analyzed		Non-Asbestos			
PLM	3/23/2017	Color Brown/Black	Fibrous Non-Fibrous 10% 90%	Asbestos None Detected	Comment	
		BIOWII/BIACK	1070 3070	None Detected		
Client Sample ID:	022071B				Lab Sample ID:	041707930-0155
Sample Description:	Basement Ramp (OB)/Black	k near Floor Strips			.,,	
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown/Black	10% 90%	None Detected		
Client Sample ID:	022072A				Lab Sample ID:	041707930-0156
Sample Description:	2nd Floor Offices/Black FT I	Mastic			•	
	Zila (180) Ollosofblack (17)	Vidotio .				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black	0% 100%	None Detected		
Client Sample ID:	022072B				Lab Sample ID:	041707930-0157
Sample Description:	2nd Floor Offices/Black FT I	Mastic				
	Analyzed		Non-Asbestos		_	
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black	0% 100%	None Detected		
Client Sample ID:	022072C				Lab Sample ID:	041707930-0158
Sample Description:	2nd Floor Offices/Gray/Gree	n FT				
TEST	Analyzed	Color	Non-Asbestos	A-1	Commet	
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	

0%

96%

4% Chrysotile

3/23/2017

Gray



Client Sample ID:

Client Sample ID:

Client Sample ID:

022074A

022074B

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EMSL Order ID: Customer ID: Customer PO:

Lab Sample ID:

Lab Sample ID:

Lab Sample ID:

Lab Sample ID:

Project ID:

041707930

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041707930-0161

041707930-0162

041707930-0163

041707930-0164

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID: 022072D Lab Sample ID: 041707930-0159 Sample Description: 2nd Floor Offices/Gray/Green FT

Analyzed Non-Asbestos

TEST Date Color Non-Fibrous Asbestos Comment PLM 3/23/2017 Positive Stop (Not Analyzed) Client Sample ID: 022073A Lab Sample ID: 041707930-0160

Sample Description: 1st Floor Storage Rm Behind Office #4 (LBAA)/Brown FT Adhesive

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 3/23/2017 0% Brown 100% None Detected 022073B

Sample Description: 1st Floor Storage Rm Behind Office #4 (LBAA)/Gray/Pink Floor Tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 3/23/2017 Gray 0% 94% 6% Chrysotile

Sample Description: 1st Flr Rear Corridor off Reading Rm 2 (LBAA)/Yellow FT Adhesive

Analyzed Non-Asbestos **TEST** Fibrous Non-Fibrous Date Color **Asbestos** Comment PLM 3/23/2017 Yellow 0% 100% None Detected

Sample Description: 1st Fir Rear Corridor off Reading Rm 2 (LBAA)/Tan Speckled Floor Tile

Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Color Asbestos Comment PLM 3/23/2017 Tan 0% 100% None Detected

Client Sample ID: Sample Description: 1st Floor Book Storage (LBAA)/Black Mastic (Thin)

Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous Color Ashestos Comment PLM 3/23/2017 Black 100% 0% None, Detected

Client Sample ID: 022075B Lab Sample ID: 041707930-0165

Sample Description: 1st Floor Book Storage (LBAA)/Tan Floor Tile

Analyzed Non-Asbestos **TEST** Date Fibrous Non-Fibrous Color Comment **Asbestos** 3/24/2017 400 PLM Pt Ct Tan Point Count performed on NOB material 0% 98.25% 1.75% Chrysotile without gravimetric reduction at client request. Asbestos results may be under-reported

Client Sample ID: Lab Sample ID: 041707930-0166

Sample Description: 1st Floor Meeting Rm by SMA (LBAA)/Brown FT Mastic

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Comment Asbestos PLM 3/23/2017 Brown 0% 100% None Detected



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Customer PO: Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Repo	IL IOI ASDE	Stos Allai	y sis of Du	IN Waterial Via L	FA 000/11-93/	110
Client Sample ID:	022076B					Lab Sample ID:	041707930-0167
Sample Description:	1st Floor Meeting Rm by SMA (LBAA)/White Flo	oor Tile				
TEST	Analyzed	Color		sbestos	Anhestee	Comment	
TEST PLM	3/23/2017	Color White	Fibrous N	100%	Asbestos None Detected	Comment	
		vviille	0 70	100 /6	None Detected		
Client Sample ID:	022077A					Lab Sample ID:	041707930-0168
Sample Description:	1st Floor Reading Rm 1 (OB)/B	lack FT Mastic					
	Acabasad		N 4-				
TEST	Analyzed Date	Color	Fibrous N	sbestos on-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black	5%	92%	3% Chrysotile	Unable to perform	point count due to
					070 CinyCounc	insufficient materia	·
Client Sample ID:	022077B					Lab Sample ID:	041707930-0169
Sample Description:	1st Floor Reading Rm 1 (OB)/G	ray Floor Tile					
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	3/23/2017			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	022077C					Lab Sample ID:	041707930-0170
Sample Description:	1st Floor Reading Rm 1 (OB)/B	rown FT Mastic					
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	3/23/2017			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	022077D					Lab Sample ID:	041707930-0171
Sample Description:	1st Floor Reading Rm 1 (OB)/W	/hite Floor Tile					
TOT	Analyzed	0.1	Non-As		A - b 4	0	
TEST PLM	3/23/2017	Color	Fibrous N		Asbestos e Stop (Not Analyzed)	Comment	
				FOSILIV	e Stop (Not Allalyzed)		
Client Sample ID:	022078A					Lab Sample ID:	041707930-0172
Sample Description:	1st Floor Ladies Toilet Closet (C	B)/Brown FT Ma	astic				
	4.1.1						
TEST	Analyzed Date	Color	Non-As Fibrous No		Asbestos	Comment	
PLM	3/23/2017	Black	0%	98%	2% Chrysotile	Unable to perform	point count due to
	0/20/2017	- Diagram			270 0111 y 0 0 111	insufficient materia	
Client Sample ID:	022078B					Lab Sample ID:	041707930-0173
Sample Description:	1st Floor Ladies Toilet Closet (C	B)/Off -white Flo	oor Tile				
	,						
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	
PLM	3/23/2017			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	022079A					Lab Sample ID:	041707930-0174
Sample Description:	1st Floor Connect Corridor (OB)	/Black Mastic					
	,						
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	

3/23/2017

Black

0%

100%

None Detected



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Project ID:

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022079B				Lab Şample ID:	041707930-0175
Sample Description:		Gray Floor Tile		8	•	
	Analyzed	No	ı-Asbestos			
TEST	Date		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray 0%	93%	7% Chrysotile		
Client Sample ID:	022079C				Lab Sample ID:	041707930-0176
Sample Description:		Tan Mastic			,	
	Analyzed	Nor	-Asbestos			
TEST	Date	Color Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017		Positi	ve Stop (Not Analyzed)		
Client Sample ID:	022079D				Lab Sample ID:	041707930-0177
Sample Description:	1st Floor Connect Corridor (OB)/	fan Floor Tile				
	Analyzed	Nor	-Asbestos			
TEST		Color Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017		Positi	ve Stop (Not Analyzed)		
Client Sample ID:	022080A				Lab Sample ID:	041707930-0178
Sample Description:	1st Floor Connect Corridor (OB)/E	Black Paper				
	Analyzed	Nor	-Asbestos			
TEST	•	Color Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black 85%	15%	None Detected		
Client Sample ID:	022080B				Lab Sample ID:	041707930-0179
Sample Description:	1st Floor Connect Corridor (OB)/B	llock Danes				341707000 0110
	ist Floor Connect Contdor (OB)/E	nack Paper				
	Analyzed	Non	-Ashestas			
TEST	Analyzed Date		-Asbestos Non-Fibrous	Asbestos	Comment	
	Date	Nor Color Fibrous Black 85%	Non-Fibrous	Asbestos None Détected	Comment	
PLM	Date 3/24/2017	Color Fibrous	Non-Fibrous	Asbestos None Détected		044707030 0490
PLM Client Sample ID:	Date 3/24/2017 022080C	Color Fibrous Black 85%	Non-Fibrous		Comment Lab Sample ID:	041707930-0180
PLM Client Sample ID:	Date 3/24/2017	Color Fibrous Black 85%	Non-Fibrous			041707930-0180
PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S	Color Fibrous Black 85% Sheet Flooring	Non-Fibrous 15%			041707930-0180
PLM Client Sample ID: Sample Description:	3/24/2017 022080C 1st Floor Connect Corridor (OB)/S	Color Fibrous Black 85% Sheet Flooring	Non-Fibrous 15% -Asbestos	None Détected	Lab Sample ID:	041707930-0180
PLM Client Sample ID: Sample Description: TEST	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous	Non-Fibrous 15% -Asbestos Non-Fibrous	None Détected Asbestos		041707930-0180
Client Sample ID: Sample Description: TEST	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017	Color Fibrous Black 85% Sheet Flooring	Non-Fibrous 15% -Asbestos Non-Fibrous	None Détected	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45%	Non-Fibrous 15% -Asbestos Non-Fibrous	None Détected Asbestos	Lab Sample ID:	041707930-0180 041707930-0181
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45%	Non-Fibrous 15% -Asbestos Non-Fibrous	None Détected Asbestos	Lab Sample ID: Comment	
PLM Client Sample ID: Sample Description:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring	Non-Fibrous 15% -Asbestos Non-Fibrous	None Détected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring	Non-Fibrous 15% -Asbestos Non-Fibrous 55%	None Détected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring	-Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous	Asbestos None Détected	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Fibrous	-Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	041707930-0181
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022081A	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Gray 45%	-Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Gray 45%	-Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0181
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022081A Basement Corridor (OB)/Black Mail	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Gray 45%	Non-Fibrous 15% -Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous 55%	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0181
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Date 3/24/2017 022080C 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022080D 1st Floor Connect Corridor (OB)/S Analyzed Date 3/24/2017 022081A Basement Corridor (OB)/Black Mailyzed	Color Fibrous Black 85% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Gray 45% Sheet Flooring Non Color Fibrous Gray 45%	-Asbestos Non-Fibrous 55% -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0181



Client Sample ID:

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Customer PO: Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Lab Sample ID: 041707930-0183 Client Sample ID:

Sample Description: Basement Corridor (OB)/Black Mastic

	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/24/2017			Positive	Stop (Not Analyzed)			
Client Sample ID:	022081C					Lab Sample ID:	041707930-0184	

Sample Description: Basement Corridor (OB)/Tan Floor Tile

		Analyzed		Non-	Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		3/24/2017	Black	0%	96%	4% Chrysotile			
Client Sample ID:	022081D						Lab Sample ID:	041707930-0185	

Sample Description: Basement Corridor (OB)/Tan Floor Tile

	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017			Positive	Stop (Not Analyzed)		
Client Sample ID:	022082A					Lab Sample ID:	041707930-0186

Sample Description: Basement Corridor (CBA)/Adhesive

	Analyzed		Non-A	sbestos				
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment		
PLM	3/24/2017	Yellow	0%	100%	None Detected			
Client Sample ID:	022082B					I ah Sample ID:	041707930-0187	

Sample Description: Basement Corridor (CBA)/Adhesive

	Analyzed			Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/24/2017	Yellow	0%	100%	None Detected		010101010000000000000000000000000000000
Client Sample ID:	022082C						Lab Sample ID:	041707930-0188

Sample Description: Basement Corridor (CBA)/2x2 Flooring Gray

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/24/2017	Gray	30%	70%	None Detected		
Client Sample ID:	022082D						Lab Sample ID:	041707930-0189

Sample Description: Basement Corridor (CBA)/2x2 Flooring Gray

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		3/24/2017	Gray	30%	70%	None Detected		
Client Sample ID:	022083A						Lab Sample ID:	041707930-0190

Sample Description: Basement Café (OB)/Speckled Sheet Flooring

	Analyzed		Non-Asbestos		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment
PLM	3/24/2017	Gray	0% 100%	None Detected	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022083B			,		Lab Sample ID:	041707930-0191
Sample Description:	Basement Café (OB)/Speck	led Sheet Flooring	ng			-	
	Analyzed			Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022083C					Lab Sample ID:	041707930-0192
Sample Description:	Basement Café (OB)/Speck	led Sheet Flooring	ng Backing				
	A						
TEST	Analyzed Date	Color		Asbestos	Ashaataa	Comment	
PLM	3/24/2017	Gray	30%	Non-Fibrous 70%	Asbestos None Detected	Comment	
		Glay	30%	7070	None Detected		
Client Sample ID:	022083D					Lab Sample ID:	041707930-0193
Sample Description:	Basement Café (OB)/Speck	led Sheet Flooring	ng Backing				
	Amalumad		No. 4) ab-at			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	30%	70%	None Detected	Comment	
	022084A				Trong Boldolog	Lab Sample ID:	044707020 0404
Client Sample ID:						Lab Sample ID:	041707930-0194
Sample Description:	Basement Pantry (Storage A	Nso) (LBAA)/Blac	ck Mastic				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black	0%	100%	None Detected		
Client Sample ID:	022084B					Lab Sample ID:	041707930-0195
Sample Description:	Basement Pantry (Storage A	Mea) (LRAA)/Pink	Floor Tile (news	ar\		·	
	Eddelinolit i aliaj (elerago)	(130) (13)	CT 1001 THO (HOWE	.· <i>,</i>			
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Pink	0%	100%	None Detected		
lient Sample ID:	022085A-Leveler					Lab Sample ID:	041707930-0196
Sample Description:	1st Floor Connect Corridor (By Read Rm 2) (OB)/White Floor	Leveler			
	·						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Pink	0%	100%	None Detected		
Client Sample ID:	022085A-Glue					Lab Sample ID:	041707930-0196A
ample Description:	1st Floor Connect Corridor (By Read Rm 2) (OB)/Glue				
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Yellow	0%	100%	None Detected		
Client Sample ID:	022085B-Leveler					Lab Sample ID:	041707930-0197
Sample Description:	1st Floor Connect Corridor (By Read Rm 2) (OB)/White Floor	Leveler			

Non-Asbestos

Fibrous Non-Fibrous

100%

0%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

3/24/2017

Color

White



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022085B-Glue	70111017101	7 (1141	yolo ol Bul	K Waterial Via E	Lab Sample ID:	041707930-0197A
Sample Description:		By Read Rm 2) ((OB)/Glue			_as campions:	041101000-0101A
	()	<i>55 p</i> 6.46				
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	3/24/2017	Yellow	0%	100%	None Detected		
Client Sample ID:	022086A					Lab Sample ID:	041707930-0198
Sample Description:	2nd Flr Book Area (LBAA)/Da	ark Brown Carpe	Adhesive				
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022086B					Lab Sample ID:	041707930-0199
Sample Description:		Carnet Adhesive					
	TOTAL CHICA WINDOW	ourpotr turiouro					
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Brown	0%	100%	None Detected		
Client Sample ID:	022087A					Lab Sample ID:	041707930-0200
Sample Description:	2nd Fir Book Area/Gray Cond	crete / Leveler					
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022087B					Lab Sample ID:	041707930-0201
Sample Description:	1st Flr Office #1/Gray Concre	ete / Leveler					
TECT	Analyzed	Calas	Non-As		A-1	0	
TEST PLM	3/24/2017	Gray	Fibrous No	on-Fibrous 100%	Asbestos	Comment	
		Glay	076	10076	None Detected		
Client Sample ID:	022088A					Lab Sample ID:	041707930-0202
Sample Description:	Basement Toilet Room (OB)/	Black Mastic					
	Analyses		N A-	hantan			
TEST	Analyzed Date	Color	Non-As Fibrous No	pestos on-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black	0%	100%	None Detected	Comment	
Client Sample ID:	022088B				, to lie betooled	Lab Sample ID:	041707930-0203
-						Lab Sample ID:	041707930-0203
ample Description:	Basement Toilet Room (OB)/	oray Leveler					
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022088C					Lab Sample ID:	041707930-0204
Sample Description:	Basement Toilet Room (OB)/	Tan Mastic				•	
	Analyzed		Non-Asi	bestos			

Fibrous Non-Fibrous

0%

100%

Asbestos

None Detected

Comment

Date

3/24/2017

Color

Tan

TEST



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Project ID:

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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	022088D					Lab Sample ID:	041707930-0205
Sample Description:	Basement Toilet Room (OB)/	Tan Floor Tile					
	, ,						
	Analyzed		Non-As				
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	3/24/2017	Tan	0%	100%	None Detected		
Client Sample ID:	022089A					Lab Sample ID:	041707930-0206
Sample Description:	Basement Rm Off Café (Office	ce) (OB)/Black Ma	ıstic				
	Abd		M A -	L 4			
TEST	Analyzed Date	Color	Non-Asi Fibrous No		Asbestos	Comment	
PLM	3/24/2017	Black	0%	97%	3% Chrysotile		point count due to
- LIVI	0/24/2011	DIACK	0 70	37 70	378 Omysotile	insufficient materia	•
Client Sample ID:	022089B					Lab Sample ID:	041707930-0207
Sample Description:	Basement Rm Off Café (Offic	ce) (OB)/Gray Lev	reler				
	Analyzed		Non-Asi		-11-	_	
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	022089C					Lab Sample ID:	041707930-0208
Sample Description:	Basement Rm Off Café (Offic	ce) (OB)/Tan Mas	tic				
	Analyzed		Non-Asi				
TEST	Date	Color		n-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Tan	0%	100%	None Detected		
Client Sample ID:	000000				(C)	Lab Cample (D.	041707930-0209
•	022089D					Lab Sample ID:	041707930-0209
•	Basement Rm Off Café (Office	e) (OB)/Green/Bl	ue Floor Tile			Lab Sample ID:	041707930-0209
•	Basement Rm Off Café (Offic	ce) (OB)/Green/Bl				Lau Sample ID:	041707930-0209
Sample Description:	Basement Rm Off Café (Offic		Non-Asi		Achaetae	·	041707930-0209
Sample Description:	Basement Rm Off Café (Offic Analyzed Date	Color	Non-Asl Fibrous No	n-Fibrous	Asbestos	Comment	041707330-0203
TEST	Basement Rm Off Café (Offic Analyzed Date 3/24/2017		Non-Asi		Asbestos None Detected	Comment	
TEST PLM Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A	Color Green	Non-Asl Fibrous No	n-Fibrous		·	041707930-0210
TEST Client Sample ID:	Basement Rm Off Café (Offic Analyzed Date 3/24/2017	Color Green	Non-Asl Fibrous No	n-Fibrous		Comment	
TEST Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow	Color Green	Non-Asi Fibrous No 0%	n-Fibrous 100%		Comment	
TEST Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A	Color Green	Non-Asi	n-Fibrous 100%		Comment	
TEST Client Sample ID: Sample Description:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed	Color Green wn Mastic	Non-Asi	100%	None Detected	Comment Lab Sample ID:	
TEST PLM Client Sample ID: Sample Description: TEST	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017	Color Green wn Mastic Color	Non-Asl Fibrous No 0% Non-Asl Fibrous No	n-Fibrous 100% bestos	None Detected Asbestos	Comment Lab Sample ID: Comment	041707930-0210
TEST PLM Client Sample ID: TEST TEST TEST PLM Client Sample Description:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017 022090B	Color Green wn Mastic Color Brown	Non-Asl Fibrous No 0% Non-Asl Fibrous No	n-Fibrous 100% bestos	None Detected Asbestos	Comment Lab Sample ID:	
TEST TEST TEST TEST TEST TEST TEST TEST Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017	Color Green wn Mastic Color Brown	Non-Asl Fibrous No 0% Non-Asl Fibrous No	n-Fibrous 100% bestos	None Detected Asbestos	Comment Lab Sample ID: Comment	041707930-0210
TEST PLM Client Sample ID: Sample Description:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017 022090B	Color Green wn Mastic Color Brown	Non-Asl Fibrous No 0% Non-Asl Fibrous No	n-Fibrous 100% bestos n-Fibrous 100%	None Detected Asbestos	Comment Lab Sample ID: Comment	041707930-0210
TEST TEST TEST TEST TEST TEST TEST TEST Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017 022090B Basement Behind Stage/White	Color Green wn Mastic Color Brown	Non-Asi Fibrous No 0% Non-Asi Fibrous No 0%	n-Fibrous 100% bestos n-Fibrous 100%	None Detected Asbestos	Comment Lab Sample ID: Comment	041707930-0210
TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017 022090B Basement Behind Stage/White Analyzed	Color Green wn Mastic Color Brown te Leveler	Non-Asi Fibrous No 0% Non-Asi Fibrous No 0%	n-Fibrous 100% bestos n-Fibrous 100%	Asbestos None Detected	Comment Lab Sample ID: Comment Lab Sample ID:	041707930-0210
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM TEST	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brow Analyzed Date 3/23/2017 022090B Basement Behind Stage/White Analyzed Date Analyzed Date	Color Green wn Mastic Color Brown te Leveler Color	Non-Asi Fibrous No 0% Non-Asi Fibrous No Non-Asi Fibrous No	n-Fibrous 100% bestos 100% 100%	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment Lab Sample ID:	041707930-0210
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brown Analyzed Date 3/23/2017 022090B Basement Behind Stage/White Analyzed Date 3/23/2017	Color Green Wn Mastic Color Brown te Leveler Color White	Non-Asi Fibrous No 0% Non-Asi Fibrous No Non-Asi Fibrous No	n-Fibrous 100% bestos 100% 100%	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0210 041707930-0211
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brown Analyzed Date 3/23/2017 022090B Basement Behind Stage/White Analyzed Date 3/23/2017	Color Green Wn Mastic Color Brown te Leveler Color White	Non-Asi Fibrous No 0% Non-Asi Fibrous No Non-Asi Fibrous No	n-Fibrous 100% bestos 100% 100%	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0210 041707930-0211
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Basement Rm Off Café (Office Analyzed Date 3/24/2017 022090A Basement Behind Stage/Brown Analyzed Date 3/23/2017 022090B Basement Behind Stage/White Analyzed Date 3/23/2017	Color Green Wn Mastic Color Brown te Leveler Color White	Non-Asi Fibrous No 0% Non-Asi Fibrous No Non-Asi Fibrous No	bestos 100% 100% 100%	Asbestos None Detected Asbestos	Comment Lab Sample ID: Comment Lab Sample ID: Comment	041707930-0210 041707930-0211

100%

None Detected

3/23/2017

Black



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Client Sample ID:	022091A					Lab Sample ID:	041707930-0213	
Sample Description:	1st Floor Book Rm Interior ((LBAA)/Window (Caulk - Gray					
	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/23/2017	Gray	0%	100%	None Detected	4		
Client Sample ID:	022091B				m 	Lab Sample ID:	041707930-0214	
Sample Description:	1st Floor Book Rm Interior (LBAA)/Window (Caulk - Gray		14			
	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/24/2017	Gray	0%	100%	None Detected			
Client Sample ID:	022092A					Lab Sample ID:	041707930-0215	
Sample Description:	Children's Library Office Inte	erior (CBA)/Black	Window Glazin	ng				
	Analyzed		Non-	-Asbestos				
TEST	Date	Color		Non-Fibrous	Asbestos	Comment		
PLM	3/23/2017	Black	0%	96%	4% Chrysotile			
Client Sample ID:	022092B					Lab Sample ID:	041707930-0216	
Sample Description:	Children's Library Office Inte	erior (CBA)/Black	Window Glazin	ng				
	Analyzed		Non-	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/23/2017			Positi	ve Stop (Not Analyzed)	THE RESERVE OF THE PARTY OF THE		
Client Sample ID:	022093A					Lab Sample ID:	041707930-0217	
Sample Description:	Front Entry 1st Floor Interior	r (OB)/Door Wind	low Glazing Bla	ck				
	Analyzed		Non-	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	3/23/2017	Black	30%	60%	10% Chrysotile			
Client Sample ID:	022093B					Lab Sample ID:	041707930-0218	
Sample Description:	Lower Stair Interior CBA/Do	or Window Glazi	ng Black					
	Analyzed		Non-	Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Acheetoe	Comment		

	Analyzed		Non-A	sbestos				
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment		
PLM	3/23/2017			Positiv	e Stop (Not Analyzed)			Ξ
Client Sample ID:	022094A					Lab Sample ID:	041707930-0219	
Sample Description:	2nd Floor Office OB Interior /	Exterior/Windov	w Glazing Gray Th	hick				

	Analyzed		Non	-Asbestos		
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment
400 PLM Pt Ct	3/24/2017	Gray	0%	99_50%	0.50% Chrysotile	Point Count performed on NOB materia without gravimetric reduction at client request. Asbestos results may be under-reported.

Client Sample ID:	022094B	G .	Lab Sample ID:	041707930-0220
Sample Description:	2nd Floor Offi	ice OB Interior / Exterior/Window Glazing Gray Thick		

	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Positive Stop (Not Analyzed)					



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Client Sample ID:	022095A	oport for Aobt	.0100 A1	ialy sid of Di	uik Materiai via E	Lab Sample ID:	041707930-0221
Sample Description:		4 \85-day, Class (Class	مرانان			Lab Sample ID.	041707930-0221
dampie Description.	1st FLr Children's Book Ir	it vvindow Giaze/Clea	r Caulking				
	Analyzed		Nor	n-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Clear	0%	100%	None Detected		
Client Sample ID:	022095B					Lab Sample ID:	041707930-0222
Sample Description:	2nd Flr Stairwell-Stringer/	Clear Caulking					
TEST	Analyzed Date	Color		I-Asbestos	A-b4	C	
PLM	3/23/2017	Gray/White/Clear	0%	Non-Fibrous	Asbestos None Detected	Comment	
		0,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		100 /0	Horic Detected	Lab Sample ID:	044707020 0002
Client Sample ID: Sample Description:	022095C	185-40	0- 11:			Lab Sample ID:	041707930-0223
Sample Description.	1st FIr Children's Book Int	: vvindow Caulk/Clear	Caulking				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Clear	0%	100%	None Detected		
Client Sample ID:	022096A					Lab Sample ID:	041707930-0224
Sample Description:	2nd Fir Book Area int/Blac	k Window Glazing					
TEST	Analyzed	Color		-Asbestos	A - b 4	0	
PLM	3/23/2017	Color	30%	Non-Fibrous 60%	Asbestos 10% Chrysotile	Comment	
		Didok	0070	3070	10% Onrysoule	1-1-0	
Client Sample ID: Sample Description:	022096B	NT: ND: 1 ME 1 4				Lab Sample ID:	041707930-0225
Sample Description.	Basement Rm Off Café (C	mice)/Black Window (iazing				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017			Positi	ve Stop (Not Analyzed)		a.s
Client Sample ID:	022097A					Lab Sample ID:	041707930-0226
Sample Description:	2nd Fir Book Area Int / Ex	/Black Window Caulk					
	Analyzed			-Asbestos		-	
TEST PLM	Date	Color		Non-Fibrous	Asbestos	Comment	
	3/23/2017	Black	0%	100%	None Detected		
Client Sample ID:	022097B					Lab Sample ID:	041707930-0227
Sample Description:	2nd Fir Book Area Int / Ext	/Black Window Caulk					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Black	0%	100%	None Detected		
Client Sample ID:	022098A					Lab Sample ID:	041707930-0228
Sample Description:	Exterior Stucco Wall off Ch	nildren's Library/Stucc	o Wall				
	Analyzed	.		Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		



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Client Sample ID:	Summary Test Re		- 3130 / (1)	, o.o o. Bu	material via L	Lab Sample ID:	041707930-0229
Sample Description:	Exterior Stucco Wall off Ch	nildren's Libran/Stud	co \A/all				
,	Exterior Studes Wall on Or	marerra Library/Otac	CO VVAII				
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected	11-11	
Client Sample ID:	022098C					Lab Sample ID:	041707930-0230
Sample Description.	Exterior Stucco Wall off Ex	t Wall/Stucco Wall					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	White	0%	100%	None Detected		
Client Sample ID:	022099A					Lab Sample ID:	041707930-0231
Sample Description:	Exterior Lower Basement I	Entry (Meeting Rm)/i	Black Door W	/indow Glazing			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Black	0%	96%	4% Chrysotile		
Client Sample ID:	022099B					Lab Sample ID:	041707930-0232
Sample Description:	Exterior Lower Basement I	Entry (Meeting Rm)/I	Black Door W	indow Glazing			
	Analyzed			-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	0220100A					Lab Sample ID:	041707930-0233
Sample Description:	Exterior Front Entry/White	/ Gray Door Caulk					
TEST	Analyzed	Color		-Asbestos	Ashastas	Commant	
PLM	3/23/2017	Color Gray/White	Fibrous 0%	Non-Fibrous 100%	Asbestos None Detected	Comment	
		Gray/vviille	070	100%	None Detected		
Client Sample ID:	0220100B					Lab Sample ID:	041707930-0234
Sample Description:	Exterior Front Entry/White	/ Gray Door Caulk					
	Analonad		M	A-1			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray/White	0%	100%	None Detected	Johnnent	
						I ah Camala ID	044707020 0225
Client Sample ID:	0220101A					Lab Sample ID:	041707930-0235
Sample Description:	Exterior Children's Book Ar	ea/vvnite Door Cauli	(
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	White	0%	100%	None Detected		
Client Sample ID:	0220101B			PARAMATA IN INCIDENT		Lab Sample ID:	041707930-0236
Sample Description:	Exterior Children's Book Ar	on/Mits Dass Os:	,			_ap campic ib.	J.1101000-0200
ampio bosciipiidii.	Exterior Children's Book Af	ea/vvnite Door Cauli					
	Analyzad		Non	Asbestos			
	Allalvzaci		MENT				
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	



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Customer ID:
Customer PO:
Project ID:

Olio et Comple ID:	Summary Test Rep	OTT TOT AO					
Client Sample ID:	0220102A					Lab Sample ID:	041707930-0237
Sample Description:	Exterior Book Area/Gray Doo	r Caulk					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220102B					Lab Sample ID:	041707930-0238
Sample Description:	Exterior Book Area/Gray Doo	r Caulk				•	
	Existion book, wouldn't boo	Juan					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220103A					Lab Sample ID:	041707930-0239
Sample Description:	Exterior Book Area/Gray Wind	dow Caulk					
TEOT	Analyzed	0.7		Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220103B					Lab Sample ID:	041707930-0240
Sample Description:	Exterior Book Area/Gray Wind	dow Caulk					
	A		Non	4 - b 4			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220104A					Lab Sample ID:	041707930-0241
Sample Description:		da 0 all.				Lab Sample ID.	041707930-0241
sample Description.	Exterior Book Area/White Win	dow Caulk					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220104B					Lab Şample ID:	041707930-0242
Sample Description:	Exterior Book Area/White Win	dow Caulk					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non Elbrana		Commont	
11 84				Non-Fibrous	Asbestos	Comment	
LIVI	3/24/2017	Gray	0%	100%	Asbestos None Detected	Comment	
						Lab Sample ID:	041707930-0243
Client Sample ID:	3/24/2017	Gray	0%	100%			041707930-0243
Client Sample ID:	3/24/2017 0220105A Exterior Lower Office Area (O	Gray	0% lk Hard (Below)	100%			041707930-0243
Client Sample ID: Sample Description:	3/24/2017 0220105A Exterior Lower Office Area (O	Gray B)/Window Cau	0% lk Hard (Below) Non -	100% Asbestos	None Detected	Lab Sample ID:	041707930-0243
Client Sample ID: Sample Description: TEST	3/24/2017 0220105A Exterior Lower Office Area (O	Gray B)/Window Cau Colo r	0% lk Hard (Below) Non- Fibrous	100% Asbestos Non-Fibrous	None Detected Asbestos		041707930-0243
Client Sample ID: Sample Description: TEST	3/24/2017 0220105A Exterior Lower Office Area (Office Area (Office Area) Analyzed Date 3/23/2017	Gray B)/Window Cau	0% lk Hard (Below) Non -	100% Asbestos	None Detected	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/24/2017 0220105A Exterior Lower Office Area (Ol Analyzed Date 3/23/2017 0220105B	Gray B)/Window Cau Color Gray	0% Ik Hard (Below) Non- Fibrous 0%	Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	041707930-0243 041707930-0244
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/24/2017 0220105A Exterior Lower Office Area (Office Area (Office Area) Analyzed Date 3/23/2017	Gray B)/Window Cau Color Gray	0% Ik Hard (Below) Non- Fibrous 0%	Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	3/24/2017 0220105A Exterior Lower Office Area (Ol Analyzed Date 3/23/2017 0220105B Exterior Lower Office Area (Ol	Gray B)/Window Cau Color Gray	0% Ik Hard (Below) Non- Fibrous 0% Ik Hard (Below)	Asbestos Non-Fibrous 100%	None Detected Asbestos	Lab Sample ID: Comment	
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	3/24/2017 0220105A Exterior Lower Office Area (Ol Analyzed Date 3/23/2017 0220105B	Gray B)/Window Cau Color Gray	0% Ik Hard (Below) Non- Fibrous 0% Ik Hard (Below) Non-	Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	



Sample Description:

TEST

PLM

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Exterior Reading Rm 2/White Window Caulk Brittle

Color

Gray

Analyzed

Date

3/24/2017

EMSL Order ID: Customer ID: 041707930 LANG78

Customer ID: Customer PO:

Project ID:

Comment

Asbestos

None Detected

Client Sample ID:	0220106A					Lab Sample ID:	041707930-0245
Sample Description:	Exterior Lower Office Area	(OB)/Gray Window	Caulk Soft (A	bove)			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220106B					Lab Sample ID:	041707930-0246
Sample Description:	Exterior Lower Office Area	(OB)/Gray Window	Caulk Soft (A	bove)			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	3/24/2017	Gray	0%	100%	None Detected		
Client Sample ID:	0220107A					Lab Sample ID:	041707930-0247
ample Description:	Exterior Reading Rm 2/Wr	ite Window Caulk					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
rLM	3/23/2017	Gray/White	0%	100%	None Detected		
lient Sample ID:	0220107B					Lab Sample ID:	041707930-0248
ample Description:	Exterior Reading Rm 2/Wh	ite Window Caulk					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
rLM	3/24/2017	Gray/White	0%	100%	None Detected		
Client Sample ID:	0220108A					Lab Sample ID:	041707930-0249
Sample Description:	Exterior Reading Rm 2/Wh	ite Window Caulk B	rittle				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	3/23/2017	Gray	2%	98%	None Detected		
	0220108B					Lab Sample ID:	041707930-0250
lient Sample ID:	02201000						

Non-Asbestos

Fibrous Non-Fibrous

100%

0%

08



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID: 041707930

LANG78

Customer PO: Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Analyst(s):

Amy Johnson PLM (10)
Brett Polumbo PLM (25)
Christina Shriver PLM (33)
Daniel Fricker PLM (12)

Frank Dicrescenzo PLM (19)

Garret Vliet PLM (15)
John Flanagan PLM (14)

Juli Patel PLM (1)
Nancy Stalter PLM (15)

Samantha Rundstorm-Cruz 400 PLM Pt Ct (2)

Seri Smith PLM (38)
Will DiBella PLM (50)

Reviewed and approved by:

Benjamin Ellis, Laboratory Manager or Other Approved Signatory

Helle

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from: 03/24/201719:33:54



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only): O U WILJU6

EMSL ANAE (TEAL LINC. 200) ROUTE 130 UNDERTH CINNAMINSON, WILL 98077 [800] 220-3875/ FAX (846) 786-5974
200/Route 1304 16 Pith
CINNAMINSON IN 198077
(800) 220-3675/
FAX (856) 786-5974
7/11/1/ A .

			7,5 (1.0				
Company	Lang	an CT		INSL-Bill to: Same X Different Sill to is Different note instructions in Comments**			
Street: 55	5 Long	Wharf Drive	Third Party	Billing requires written authorization from third party			
city: Nev	v Have	State/Province: CT		Zip/Postal Code: 06511 Country: USA			
Report To	(Name):	Matthew Myers	Telephone #: 20	Telephone #: 203.562.5771			
		myers@langan.com	Fax #: 203.789	9.6142 Purchase Order:			
		ber: 140 1 45505	Please Provide	Results: Fax X Email Public Library			
U.S. State	Samples			Commercial/Taxable 🕅 Residential/Tax Exempt			
			TAT) Options* - Plea				
3 Hour	r 3 br throu	6 Hour 24 Hour 48 Hour hh 6 hr please call ahead to schedule "There is a		☐ 96 Hour (X 1 Week ☐ 2 Week IT TEM AHERA or EPA Level II TAT. You will be asked to sign			
an ai	uthorizatio	n form for this service. Analysis completed in acco	ordance with EMSL's Term	ns and Conditions located in the Analytical Price Guide.			
		4 - Bulk (reporting limit)	<u> </u>	TEM - Bulk			
		-93/116 (<1%)		- EPA 600/R-93/116 Section 2.5.5.1			
☐ PLM EP			NY ELAP Metho	The state of the s			
		(<0.25%) ☐ 1000 (<0.1%) [f <3%		col (semi-quantitative)			
	·	metric 🗌 400 (<0.25%) 🔲 1000 (<0.1%)		s – EPA 600/R-93/116 Section 2.5.5.2			
	9002 (<1			e via Filtration Prep Technique			
		od 198.1 (friable in NY)	L I EM Qualitative	e via Drop Mount Prep Technique Other			
OSHA1		od 198.6 NOB (non-friable-NY)		,			
. ==		on Method	- □ New Ca	anaan Lidrary			
M Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 10 30 9 10 31 2020							
Samplers Name: Mad Myers & Willie Thompson Samplers Signature: Mitt Men							
Campiers	-	1	- Tampiara arg				
Sample#	HA#	Sample Location		Material Description			
1030011		Newer Boller Room		White materical - Wall Stone by Sterrs			
1_ B				1			
ठश			Large old Mechalit	Flange Sealant			
В		7	1	+			
03A		Basement Level La	arge Meeting Any	Duct Flange Scalant			
8		1	idou by Pantray				
- 6		A	ezz (vam)				
1 04.1			ruge Meety Rm	2 x 4 (2x2 ratern) Coily file			
B		1 Cornel	1				
185 A		Library Book Area Stans to.		Black wall Adhes we Behind Sign			
Client Sam	ple # (s)		70 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Total # of Samples: 226			
Relinquish	-	Ogu,	11/2/062				
		(h)	Date: ///3/262	2. O.h.			
	<u> </u>		Date:	Time: 1770			
Comments/Special Instructions:							
11	Bill To	o: Langan_InvoiceCapture@C	oncurSolutions	s.com			



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

04226946

EMSL ANALYTICAL, INC.
200 ROWEFIAGAPORTH
CHNAMINSON SY 508077
PHONE (800) 220-3675
2020 NOV -4 AM 10: 21

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample# HA#	Sample Location	Material Description		
030061	2rd Floor Offices above Buck	Fiberboard wall		
1 · B	1	+		
67A		Eras Covering		
B		<u></u>		
081	Basemust Large Meeting Am	wall Paper		
B		+ .		
DPA		Adhesine		
В		<u> </u>		
IUH	1st Floor Children Book	Gray Bulletin Board		
B		1		
NN		1 Adhesive Yellowson		
1 8		1 + L ("		
12 4	Reading Rm 2 (and 1)	Canuass Wall Panel		
В		7		
13 A		Adhesive Behive		
18		1		
MA	1st Floor Original Bloday Closet	white load Plaster (wall		
В		4		
15 A		Gray Rough Coat Plaster-(wa		
_ B	4	1		
16 1	Childrens Book	White Coat Wall Plaster		
В				
C C				
- P				
Comments/Speci	al Instructions:			

Page 2 of 10 pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

04 2026946

EMSL ANALYTICAL, INC. 200 FEOUT 30 NORTH CONNAMINATION 40 08077 CHARLES (856) 786-6974 2020 NOV-4 AN 10: 21

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

	Sample #	HA#	Sample Location	Material Description
	103017/4		1.st Floor Childrens Book	Gray Han Rough Coat Wall Planks
	1 B		1	1
	C			C
}	D			
[I E			
Just Just	6 . 18		Art Storage (Basement)	Pink Hoor the
ly	+19		+	+ Black mastic
	7 2.0		Borers Office (mastic 15	Green Blue Floor Tike
	121		Basement Entry Between Office Lorge Meet	An Black Floor Mastric 1 200
\setminus	+ 22		+ Corridor near Elev Mech. An	4
\prod	23		Bosenet To let "left" L "Rich"	ten flow Tile 12x12
\	+ 2.4		L 'Righ'	+
1	1 25/1		Left	Gray Floor Levelar
-	.B		Right	+
	26.1		left	Black Floor Mastic
	+ 18		Right	
	1271		187 Floor Office H3 Exec Diagr	or Recl / Gray Floor Moterial
	+ .B			, <u>'</u>
L	281		1st Floor Front Entry	Black/Gray Paper on Wood
L	B		1 +	1
1	294		Reading Am I	Black Paper Between FT4 Grosp
-	1.B		4	+
-	130X		1st Floor Front Endry	Ceronic Floor tile Mud Bed
1	*Commen	re/Specific	Al Instructions:	<u>_</u>
ļ	/>	is/speci	ม เมอนนอนปีเร:	
مار مار	,U 		7 10	

Page $\frac{10}{10}$ pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

04 621940

EMSL ANALYTICAL, INC. 200 BOWTE-130 NORTH CINIFAMINE ON NJ 08077 CINIFAMINE (1900) 220-3675 FAX: (856) 788-5974

EMSL ANALYTICAL, IN	04 W21940	2020 NOV -4 AH 10: 21		
Additional Pages	of the Chain of Custody are only necessary if needed for a	additional sample information Att 10° 2		
Sample # HA#	Sample Location	Material Description		
103031.1	1st Floor Front Enboy	Ceraniz Hoor tale Growt		
F.B	+ Rear Entrag	+		
32A	2nd Floor (Childrens Book) office Toild Par	Coranic Floor tile Mud Bed		
B	<u></u>			
33 N		Grows		
4 B	4	+		
134A	1st Floor Childrens Book tooled Am	Cerenic Floortile Mud Bed white L		
B	· 	+		
35 A		Black Lag		
В		+ 1		
36 M		6 sout		
- B		+		
1 37A	1st Floor Front Entres	Grange Material hwar Crusine Ho		
В				
38 A	1st floor Ments to let (near Entry)	Crawe Floor YIRe Mud Bed		
В		1 7		
390		Gray Materiallia		
B		4 — —		
404		6 rout		
B	4 + 1	+		
411	bomens Voiles	General Floor tile Mud Beel		
В				
42 Å		Gray / Gellow mater		
43.A B		Grout		
*Comments/Speci	al Instructions:			
466				



Asbestos Bulk Building Waterial Chain of Custody

EMSL Order Number (Lab Use Only):

04 256940

EMSL ANALYTICAL, INC.
200 ROTTE 130 NORTH
CINNAMITED 170 NO8077
CHICAG 1800 780 3675
FAX: (856) 786-5974

2020 NOV -4 AH 10: 22

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample # H.	A#	Sample Location		Material Description			
030441		Basement (nearpm) Mens tooket		Ceraus Floor tile Mud Beck			
4 B.			homens	4			T
1454			Mens	1	1		6 rout
B		4	homens		4		1
468			Mens	1	Course W	ull tile	6vocit
В		1	luonen		-	. 4	
4711			Womens		-Cevanne	well 1	hud Bed
B		1	1			1	
481			Mens		Cerema 1	vall 7	hin Seb
1 B		4	- + 2	<u></u>		+.	
49A			mens	1	Cevaunc	wall A	dhesive
B		4	womens				
501		1	mens		Cevanic	Flow	Adhesive
B		1 1	womens	- 			-
SIA		1 (4	istodial Clos	et Broom	Covanic	Floor	Mud Bad 60
1 B	_[.	<u></u>			}	wule_	+ wh
152A		<u> </u>				Floor	Groul Gr
B						wall	+ wh
153A		1st Flor Childrens Book Ava		Black were	Damppo	of Behine Pla	
+ B							
15414		Staws to a	Incl Floor Office	ol	state s	four the	acl
B	\bot		-				
55		Exterior Consider between 36 Att of the American Adolition		on Damppro	no B under	DOOV	
+ 56			Main Library	Idal ition	1		window
Comments/S	pecial	Instructions:					
110							

Page 5 of 10 pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

2026940

EMSL ANALYTICAL, INC. 200 ROWE (130 NORTH CINNAMINS OF 71 68077 PHONE 4800, 220 3675 PAX: (856) 786-5944). 2020 NOV -4 AH ID: 22

AH 10: 22

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample#	HA#	Sample Location		Material Description	
103057		Exterior	- Office 1,24 streets vol	Black Foundation Damppost	
138]	1	Base Office /Cofe & Com do		
59		T	Childre Book	- (thin Boxin	
160		1	L. brang Area Near Reav Entry	4	
61.1		Roof I	Exterior	Roof Field - Rolled Roof Top	
В					
624				Tav Lager (and)	
<u>B.</u>				 	
634				Paper Har on wax	
B				Flashing	
(41)				Roof Revineter Rolled Apoplia	
B			·	+ Penetration +	
65/1				Penetration - Penetration	
B					
661		-} -		Tav on Metal Trim (Penns	
B				to an Game Shall III	
67/1 B				tar on Copper Floshing Cadsacent	
684				Air Conditioner Caulk	
+ B		-		-4	
691		Roof 2	1	Roofe Field - Tar Layer (tox)	
В		1		1 4 +	
761				For on Wood Dec	
В		1	4		
*Comment	s/Specia	al Instructions:			

Page 6 of V pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

04 2026946

EMSL ANALYTICAL, INC.
26686475-130 NORTH
CINNAMINSON, NJ 08077
CINIDAMIN (800) 220-3675
FAX: (856) 786-5974

2020 NOV -4 AM 10: 22

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

ample# HA#		ple Location	Material Description
367111	Reof 2	Exterior	Perimeter Flashing
B	1	1	<u></u>
729			Tav on Metal Trim (Permeter)
B	1		4
73A	Roof 3		Slate Shingle
В			4
74%			Tar / Paper on Wood Dack
В			
75A —			Caulking on State Ridge
B			4
76 4	Roof 4		P. Iched Roof slate Shingle
B			1
77/1			Tar Paper on weap
_B	Δ.		+ + +
78A			Roof Field tar lunder 4%.
В			1 1
7911			Black Paper - Fiberbo
В			
A 68			TOVON WOOD DEC
<u> </u>			Thick
81A			Primeter Flashing Root Far
B			1 + Th.
32 A			tenietration Hashing Root law
B Domments/Specia	I Instructions		+

Page 7 of 10 pages



Asbestos Bulk Building Material Chain of Custody EMSL Order Number (Lab Use Only):

042026946

EMSL ANALYTICAL, INC. 200 EQUIE 130 NORTH CINNAMICS OVER 108077 CIMHONE 1889 220-3675 FAX: (856) 786-8974

22

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information	AH 10: 2
· · · · · · · · · · · · · · · · · · ·	

Sample#	HA#	Sample Location	Material Description
103083A		R.04 H	Flashing Black paper - Robertous
1 · B		1	4
844			Perineler Flisher tar on Good A
B			
85A		Roof 5	Slafe Shingle
В			1.
86/A			Slate Shingle 1. Paper Layer under Shrydes
B		· · · · · · · · · · · · · · · · · · ·	<u> </u>
87/1			Tau Paper sinders like on wood
B			
88 N			Caulking on Metal Wall Trim
B			
8911			Copper Flacking tar - Black
B			
901	,	Rood G	Riof De Field Tar Layer Top
В			
914			Thick and layer
B			+
9211			Permeter Flushing top Layert
B			1 +
93A			and Layer th.
B			
941	<u>·</u> _		Tar on Parapet Wall
7+8		+	
		al Instructions:	
142	,· 		

Page 8 of 10 pages



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

			_	
	, (1, 1	$T \sim \epsilon$	٠.
10	1 (wl	1 41	16
170	4	•	0	へい

EMSL ANALYTICAL, INC. 200 ROUTE 130 HORTH Сімпамімэскі МУ 98077 РОННЕ ДВОДУ 82013675, FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information 4 AH 10: 22

Sample#	HA#	Sample Location	Material Description
103095A		Roof 6	Sulfur: Layer Freld & Flash
1 · B		1	+
96 M			Black Material on Deck Field
В			+ Plust
97A		1	concrito Deek Fley
B			Flash
98n		Roof 7	Slake Shingle
B			1 0
994			Tar paper under state
B			
1001			Tar on SlopeA by Abof 6
B		<u></u>	1
1014		Roof 8	Slater Roof Shingle
B			1
102.11			Paper under Roof Shingle woo
B			题 4
1034			State wall tile
β			+ 9
APOL			rer paper under / (substrate)
В			
1051			brindow Coulking rubhery
B			1
106 A			Window Ghzing
1 B			1
	s/Speci	al Instructions:	
, 266			



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):
OU 76269U6

EMSL ANALYTICAL, INC. RECIZIO EQUITE 130 NORTH E DIGUMANINSON, NJ 08077

CIHHAMIPISONE, (800) 220-3675

FAX: (856) 786-5974 2020 NOV -4 AH 10: 22

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample # HA#	Sample Location	Material Description
0301674	Abort 8	window Caully a Slate Shingle (wall
[· B		
108#		Caulky at Copper Flashing Joints
R		
109 A	Roof 9	Roof Feld tar layer
В		<u> </u>
IIDA		tar parper
B		1 1
mA.		4 Flosh? Sulfur material
B		
112 A		Penetration Merinder Flishing tour La.
B		4
113 A		You Paper L
ß		→
MA		Papar on upper Youn layer
В		<u></u>
15A	Roof Exterior	Chimney Caulky on CoppeiFla
116 11	 	Calla On Metal
B	 	Caulky on Metal
	 	
	 	
	 	
	 	
omments/Spe	cial Instructions:	
M		

Page 10 of 10 pages



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID: Customer PO:

Project ID:

042026940

LANG78

Attn: Phone: (203) 562-5771 Matthew Myers Langan Engineering & Environ. Services Fax: (203) 789-6142

Long Wharf Maritime Center Collected: 10/30/2020 Received: 11/04/2020 555 Long Wharf Drive New Haven, CT 06511 Analyzed: 11/12/2020

140145505 - New Canaan Library Proj:

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

042026940-0001 Lab Sample ID: 103001A Client Sample ID:

Sample Description: Newer Boiler Room/White Material - Wall Stone by Stairs

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		11/10/2020	White	0.0%	100.0%	None Detected			
Client Sample ID:	103001B						Lab Sample ID:	042026940-0002	

Sample Description: Newer Boiler Room/White Material - Wall Stone by Stairs

	Analyzed		Non-Asbes	stos		
TEST	Date	Color	Fibrous Non-	Fibrous	Asbestos	Comment
PLM	11/10/2020	White	0.0% 10	00.0%	None Detected	

Lab Sample ID: 042026940-0003 Client Sample ID: 103002A

Sample Description: HVAC Large Old Mech Unit/Flange Sealant

		Analyzed		Non	-Asbestos				
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM		11/10/2020	Tan	0.0%	95.0%	5% Chrysotile			
Client Sample ID:	103002B						Lab Sample ID:	042026940-0004	

Client Sample ID: Sample Description: HVAC Large Old Mech Unit/Flange Sealant

	Analyzed		Non	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	11/10/2020			Positiv	e Stop (Not Analyzed)			
Client Sample ID:	103003A					Lab Sample ID:	042026940-0005	

Basement Level Large Meeting Room/Duct Flange Sealant Sample Description:

	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Brown	15.0%	85.0%	None Detected		

Client Sample ID: Lab Sample ID: 103003B 042026940-0006

Sample Description: Basement Level Corridor by Pantry/Duct Flange Sealant

		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		11/10/2020	Brown	0.0%	100.0%	None Detected		
Client Sample ID:	103003C						Lab Sample ID:	042026940-0007

Sample Description: Basement Level Mezz Crawl 1/Duct Flange Sealant

	Analyzed		Non-Asbestos		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment
PLM	11/10/2020	Brown	0.0% 100.0%	None Detected	



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID: Customer PO:

Project ID:

042026940

LANG78

Summary Test Report for Ashestos Analysis of Bulk Material via EPA 600/R-93/116

		•		· , · · · ·	Ik Material via E	171 000/11 00/	
Client Sample ID:	103004A					Lab Sample ID:	042026940-0008
Sample Description:	Basement Large Meeting	Room/2 x 4 Ceiling 1	īle				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Brown/Gray	80.0%	20.0%	None Detected		
Client Sample ID:	103004B					Lab Sample ID:	042026940-0009
Sample Description:	Basement Corridor by Me	eting Room/2 x 4 Ce	iling Tile				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/White	80.0%	20.0%	None Detected		
Client Sample ID:	103005A					Lab Sample ID:	042026940-0010
Sample Description:	Library Book Area Stairs 2	nd Flor/Black Wall A	dhesive behin	d Sign			
	Analyzed	_		Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Black	0.0%	96.0%	4% Chrysotile		
Client Sample ID:	103005B					Lab Sample ID:	042026940-0011
Sample Description:	Library Book Area Stairs 2	nd Floor/Black Wall	Adhesive behi	ind Sign			
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020			Positiv	e Stop (Not Analyzed)	 	<u> </u>
Client Sample ID:	103006A					Lab Sample ID:	042026940-0012
Sample Description:	2nd Floor Offices above C	hildren's Book/Fiber	ooard Wall				
	Analyzed		Non-	Asbestos			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
	-	Color Brown			Asbestos None Detected	Comment	
PLM	Date		Fibrous	Non-Fibrous		Comment Lab Sample ID:	042026940-0013
PLM Client Sample ID:	Date 11/10/2020	Brown	Fibrous 95.0%	Non-Fibrous			042026940-0013
PLM Client Sample ID:	Date 11/10/2020 103006B	Brown	Fibrous 95.0%	Non-Fibrous			042026940-0013
PLM Client Sample ID:	Date 11/10/2020 103006B	Brown	95.0% poard Wall	Non-Fibrous			042026940-0013
PLM Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above C	Brown	95.0% poard Wall	Non-Fibrous 5.0%			042026940-0013
PLM Client Sample ID: Sample Description: TEST	Date 11/10/2020 103006B 2nd Floor Offices above C	Brown hildren's Book/Fiberi	95.0% poard Wall	Non-Fibrous 5.0% Asbestos	None Detected	Lab Sample ID:	042026940-0013
Client Sample ID: Sample Description: TEST	Date 11/10/2020 103006B 2nd Floor Offices above C Analyzed Date	Brown hildren's Book/Fiberl Color	Fibrous 95.0% poard Wall Non- Fibrous	5.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	042026940-0013
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above C Analyzed Date 11/11/2020	Brown hildren's Book/Fiberl Color Brown	95.0% poard Wall Non- Fibrous 95.0%	5.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above C Analyzed Date 11/11/2020	Brown hildren's Book/Fiberl Color Brown	95.0% poard Wall Non- Fibrous 95.0%	5.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above C Analyzed Date 11/11/2020	Brown hildren's Book/Fiberl Color Brown	95.0% poard Wall Non- Fibrous 95.0% Covering	5.0% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above Control Contr	Brown hildren's Book/Fiberl Color Brown	Fibrous 95.0% poard Wall Non- Fibrous 95.0% Covering Non-	Asbestos Non-Fibrous 5.0%	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description: TEST	Date 11/10/2020 103006B 2nd Floor Offices above Control of the second o	Brown hildren's Book/Fiberi Color Brown hildren's Book/Gray	Fibrous 95.0% poard Wall Non- Fibrous 95.0% Covering Non-	Asbestos 5.0% Asbestos Non-Fibrous 5.0%	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Date 11/10/2020 103006B 2nd Floor Offices above Control of the second o	Brown hildren's Book/Fiberi Color Brown hildren's Book/Gray Color	Fibrous 95.0% poard Wall Non- Fibrous 95.0% Covering Non- Fibrous	Asbestos Non-Fibrous 5.0% Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0014
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above Control of the second o	Brown hildren's Book/Fiberi Color Brown hildren's Book/Gray Color Gray	Fibrous 95.0% poard Wall Non- Fibrous 95.0% Covering Non- Fibrous 0.0%	Asbestos Non-Fibrous 5.0% Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Date 11/10/2020 103006B 2nd Floor Offices above Control of the second o	Brown hildren's Book/Fiberi Color Brown hildren's Book/Gray Color Gray	Fibrous 95.0% poard Wall Non- Fibrous 95.0% Covering Non- Fibrous 0.0%	Asbestos Non-Fibrous 5.0% Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0014
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Date 11/10/2020 103006B 2nd Floor Offices above Control of the second o	Brown hildren's Book/Fiberi Color Brown hildren's Book/Gray Color Gray	Fibrous 95.0% Non-Fibrous 95.0% Covering Non-Fibrous 0.0% Covering	Asbestos Non-Fibrous 5.0% Asbestos Non-Fibrous Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0014

11/11/2020

Gray

0.0%

100.0%

None Detected



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	Summary Test Ro	port for Asb	estos An	alysis of Bul	k Material via E	PA 600/R-93/	116
Client Sample ID:	103008A					Lab Sample ID:	042026940-0016
Sample Description:	Basement Large Meeting	Room/Wallpaper					
T-0T	Analyzed	0.1.		-Asbestos	A . I	•	
TEST PLM	Date 11/10/2020	Color Brown/White	90.0%	Non-Fibrous 10.0%	Asbestos	Comment	
^LIVI	11/10/2020	DIOWII/WIIILE	90.0%	10.0%	None Detected		
Client Sample ID:	103008B					Lab Sample ID:	042026940-0017
Sample Description:	Basement Large Meeting	Room/Wallpaper					
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	Date 11/11/2020	Color Brown/White	95.0%		None Detected	Comment	
^LIVI	11/11/2020	DIOWII/WIIILE	95.0%	5.0%	None Detected		
Client Sample ID:	103009A					Lab Sample ID:	042026940-0018
Sample Description:	Basement Large Meeting	Room/Adhesive					
				A . I			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	White	0.0%		None Detected	Comment	
		VVIIIG		100.070	1,5110 Doteoled	Lab Sarrata IS	042026040 0040
Client Sample ID:	103009B					Lab Sample ID:	042026940-0019
Sample Description:	Basement Large Meeting	Room/Adhesive					
	A a b a d		N	Ashastas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%		None Detected	Commone	
						Lab Sample ID:	042026940-0020
Client Sample ID:	103010A	D !! !! D . !				Lab Sample ID.	042020340-0020
Sample Description:	1st Floor Children Book/G	ray Bulletin Board					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray	50.0%	50.0%	None Detected		
Client Sample ID:	103010B					Lab Sample ID:	042026940-0021
Sample Description:	1st Floor Children Book/G	ray Bulletin Board				,	
	13t 1 loor Offiliater Book O	ray bulletiir board					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Brown	60.0%	40.0%	None Detected		
Client Sample ID:	103011A					Lab Sample ID:	042026940-0022
Sample Description:	1st Floor Children Book/A	thesive Yellow					
	13t 1 ISST STITUTETT BOOKA	and of the tellow					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Yellow	0.0%	100.0%	None Detected		
Client Sample ID:	103011B					Lab Sample ID:	042026940-0023
Sample Description:	1st Floor Children Book/A	thesive Yellow				•	
į	75t Floor Official BOOKA	anddive relievy					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0024 Client Sample ID: 103012A Sample Description: Reading Room 2 and 1/Canvas Wall Pane; Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/10/2020 White 80.0% 20.0% None Detected Client Sample ID: 103012B Lab Sample ID: 042026940-0025 Sample Description: Reading Room 2 and 1/Canvas Wall Pane; Analyzed Non-Asbestos TEST Date Non-Fibrous Comment Color **Fibrous** Asbestos PLM 11/11/2020 Brown/White 90.0% 10.0% None Detected Lab Sample ID: Client Sample ID: 103013A 042026940-0026 Sample Description: Reading Room 2 and 1/Adhesive behind Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/10/2020 Grav 0.0% 100.0% None Detected Lab Sample ID: 042026940-0027 103013B Client Sample ID: Sample Description: Reading Room 2 and 1/Adhesive behind Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 White 0.0% 100.0% None Detected 042026940-0028 Lab Sample ID: Client Sample ID: Sample Description: 1st Floor Original Building Closet/White Coat Plaster - Wall Analyzed Non-Asbestos **TEST** Date Non-Fibrous **Asbestos** Comment Color **Fibrous** PLM 11/10/2020 White 0.0% 100.0% None Detected Lab Sample ID: 042026940-0029 103014B Client Sample ID: Sample Description: 1st Floor Original Building Closet/White Coat Plaster - Wall Analyzed Non-Asbestos TEST Fibrous Non-Fibrous Comment Date Color Asbestos PLM 11/11/2020 White 0.0% 100.0% None Detected 103015A Lab Sample ID: 042026940-0030 Client Sample ID: Sample Description: 1st Floor Original Building Closet/Gray Coat Plaster - Wall Analyzed Non-Asbestos Comment **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** PLM 11/10/2020 0.0% 100.0% None Detected Gray Lab Sample ID: 042026940-0031 103015B Client Sample ID: Sample Description: 1st Floor Original Building Closet/Gray Coat Plaster - Wall Analyzed Non-Asbestos

Date

11/11/2020

Color

Gray

Fibrous

0.0%

Non-Fibrous

100.0%

Asbestos

None Detected

Comment

TEST



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0032 Client Sample ID: 103016A Sample Description: 1st Floor Children's Book/White Coat Wall Plaster Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/10/2020 White 0.0% 100.0% None Detected Client Sample ID: 103016B Lab Sample ID: 042026940-0033 Sample Description: 1st Floor Children's Book/White Coat Wall Plaster Analyzed Non-Asbestos TEST Non-Fibrous Comment Date Color **Fibrous** Asbestos PLM 11/10/2020 White 0.0% 100.0% None Detected Lab Sample ID: Client Sample ID: 103016C 042026940-0034 Sample Description: 1st Floor Children's Book/White Coat Wall Plaster Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/10/2020 White 0.0% 100.0% None Detected Lab Sample ID: 042026940-0035 103016D Client Sample ID: Sample Description: 1st Floor Children's Book/White Coat Wall Plaster Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 White 0.0% 100.0% None Detected Lab Sample ID: 042026940-0036 Client Sample ID: Sample Description: 1st Floor Children's Book/White Coat Wall Plaster Analyzed Non-Asbestos **TEST** Date Non-Fibrous **Asbestos** Comment Color **Fibrous** PLM 11/11/2020 White 0.0% 100.0% None Detected Lab Sample ID: 042026940-0037 103017A Client Sample ID: Sample Description: 1st Floor Children's Book/Gray and Tan Rough Coat Wall Plaster Analyzed Non-Asbestos TEST Fibrous Non-Fibrous Comment Date Color Asbestos PLM 11/10/2020 0.0% 100.0% None Detected Gray/Tan 103017B Lab Sample ID: 042026940-0038 Client Sample ID: Sample Description: 1st Floor Children's Book/Gray and Tan Rough Coat Wall Plaster Analyzed Non-Asbestos Comment **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** PLM 11/10/2020 Gray/Tan 0.0% 100.0% None Detected Lab Sample ID: 042026940-0039 103017C Client Sample ID: Sample Description: 1st Floor Children's Book/Gray and Tan Rough Coat Wall Plaster Analyzed Non-Asbestos

Date

11/10/2020

Color

Gray/Tan

Fibrous

0.0%

Non-Fibrous

100.0%

Asbestos

None Detected

Comment

TEST



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Lab Sample ID:

Project ID:

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042026940-0043

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0040 Client Sample ID: 103017D

Sample Description: 1st Floor Children's Book/Gray and Tan Rough Coat Wall Plaster

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 Gray 0.0% 100.0% None Detected Client Sample ID: 103017F Lab Sample ID: 042026940-0041

Sample Description: 1st Floor Children's Book/Gray and Tan Rough Coat Wall Plaster

Analyzed Non-Asbestos TEST Non-Fibrous Comment Date Color **Fibrous** Asbestos PLM 11/11/2020 Gray 0.0% 100.0% None Detected

Lab Sample ID: Client Sample ID: 103018 042026940-0042

Sample Description: Art Storage Basement/Pink Floor Tile

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/10/2020 Pink 0.0% 100.0% None Detected

Sample Description: Art Storage Basement/Black Mastic

103019

Client Sample ID:

Client Sample ID:

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/10/2020 Gray/Tan/Black 0.0% 100.0% None Detected Result includes a small amount of inseparable attached material 103020 Lab Sample ID: 042026940-0044

Sample Description: Basement Office/Green and Blue Floor Tile

Analyzed Non-Asbestos **TEST** Non-Fibrous Date Color Fibrous Asbestos Comment PLM 11/10/2020 Blue/Green 0.0% 100.0% None Detected Lab Sample ID: Client Sample ID: 103021 042026940-0045

Sample Description: Basement Entry between Office and large Meeting Room/Black Floor Mastic

Analyzed Non-Asbestos **TEST** Date **Fibrous** Non-Fibrous **Asbestos** Comment PLM 11/10/2020 Black/Yellow/Beige 0.0% 96.0% 4% Chrysotile Result includes a small amount of inseparable attached material Lab Sample ID: 042026940-0046

Client Sample ID: 103022

Sample Description: Basement Corridor near Elve Mech Room/Black Floor Mastic

Analyzed Non-Asbestos **TEST** Non-Fibrous Asbestos **Fibrous** PLM Result includes a small amount of 11/12/2020 Black/Yellow/Beige 0.0% 96.0% 4% Chrysotile inseparable attached material Client Sample ID: 103023 Lab Sample ID: 042026940-0047

Sample Description: Basement Toilet Left/Tan Floor Tile 12 x 12

Analyzed Non-Asbestos **TEST** Date Color Non-Fibrous Asbestos Comment Fibrous PLM 11/10/2020 0.0% 100.0% Tan None Detected



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	Summary Test R	eport for Asbe	stos An	alysis of Bu	<u>lk Material via E</u>	PA 600/R-93/	116
Client Sample ID:	103024					Lab Sample ID:	042026940-0048
Sample Description:	Basement Toilet Right/Tar	n Floor Tile 12 x 12					
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	Date 11/11/2020	Color Tan	0.0%		None Detected	Comment	
		Idii	0.070	100.070	None Detected		
Client Sample ID:	103025A					Lab Sample ID:	042026940-0049
Sample Description:	Basement Toilet Left/Gray	Floor Leveler					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray	0.0%		None Detected		
Client Sample ID:	103025B	<u> </u>				Lab Sample ID:	042026940-0050
Sample Description:		v Clear Lavalor				Lub Gampie ib.	042020340-0030
rampie Description.	Basement Toilet Right/Gra	ay Floor Leveler					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103026A					Lab Sample ID:	042026940-0051
Sample Description:	Basement Toilet Left/Blac	k Floor Mastic				-	
,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Black/Yellow	0.0%	100.0%	None Detected	Result includes a inseparable attach	
Oliant Same In ID.	102026B					Lab Sample ID:	042026940-0052
Client Sample ID:	103026B	als Elana Mari Co				Las Sample ID.	U42U2U34U-UU32
Sample Description:	Basement Toilet Right/Bla	ICK Floor Mastic					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	97.0%	3% Chrysotile	Result includes a	small amount of
						inseparable attach	
Client Sample ID:	103027A					Lab Sample ID:	042026940-0053
Sample Description:	1st Floor Office H3 Exec I	Director/Red and Gray	Floor Mater	ial			
				A . I			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Red	0.0%		None Detected	Comment	
		5.47.104	3.070	. 55.575	110110 Detected	Lab Samula ID:	042020040.0054
Client Sample ID:	103027B					Lab Sample ID:	042026940-0054
Sample Description:	1st Floor Office H3 Exec I	Director/Red and Gray	Floor Mater	ral			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Red	0.0%		None Detected		
Client Sample ID:	103028A					Lab Sample ID:	042026940-0055
Sample Description:		n/Plack and Cray D	or on Mas-			zaz campic ib.	U-120200-0000
Jampie Description.	1st Floor Office Front Enti	ульнаск ана Gray Рар	ei oii wood				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Black/Yellow	40.0%		None Detected	Result includes a	small amount of
		•				inseparable attach	ned material

inseparable attached material



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Re	port for Asb	CSIOS AIIC	ilysis of Dui	K Material Via L		
Client Sample ID:	103028B					Lab Sample ID:	042026940-0056
Sample Description:	1st Floor Office Front Entry	//Black and Gray Pa	aper on Wood				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	60.0%	40.0%	None Detected		
lient Sample ID:	103029A					Lab Sample ID:	042026940-0057
Sample Description:	1st Floor Reading Room 1	/Black Paner hetwe	en Floor Tile W	ood Floor		•	
	13t Floor Reading Room 1	black raper betwe	CITTIOOI TIIC W	000 1 1001			
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	60.0%	40.0%	None Detected		
Client Sample ID:	103029B					Lab Sample ID:	042026940-0058
Sample Description:	1st Floor Reading Room 1	/Black Paper betwe	en Floor Tile W	ood Floor			
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	60.0%	40.0%	None Detected		
Client Sample ID:	103030A					Lab Sample ID:	042026940-0059
Sample Description:	1st Floor Front Entry/Cera	mic Floor Tile Mud E	Bed				
T-0.T	Analyzed	0.1.		Asbestos	A . I	0	
TEST PLM	11/10/2020	Croy/Top	0.0%	Non-Fibrous 100.0%	Asbestos None Detected	Comment	
		Gray/Tan	0.0%	100.0%	None Detected		
Client Sample ID:	103030B					Lab Sample ID:	042026940-0060
Sample Description:	1st Floor Rear Entry/Cerar	nic Floor Tile Mud E	Bed				
	Analyzad		Non	Asbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Semple ID:	103031A	· · · · · · · · · · · · · · · · · · ·				Lab Sample ID:	042026940-0061
Client Sample ID: Sample Description:		mia Flaar Tila Craut				Lub Gumpie ID.	042020340-0001
sample Description.	1st Floor Front Entry/Cera	Thic Floor The Grout					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103031B					Lab Sample ID:	042026940-0062
Sample Description:	1st Floor Rear Entry/Cerar	nic Floor Tile Grout				-	
	-, ••	2. 54.					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103032A					Lab Sample ID:	042026940-0063
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	Tile Mud Bed			
	Analyzed			Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	

100.0%

0.0%

None Detected

PLM

11/10/2020

Gray



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	Summary Test Ro	eport for Asb	estos Ana	alysis of Bul	k Material via E	PA 600/R-93/	116
Client Sample ID:	103032B					Lab Sample ID:	042026940-0064
ample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	Γile Mud Bed			
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103033A					Lab Sample ID:	042026940-0065
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	Γile Grout		·	
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103033B					Lab Sample ID:	042026940-0066
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	Γile Grout			
	Analyzed			Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103034A					Lab Sample ID:	042026940-0067
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	Tile Mud Bed White	e Layer		
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	White	0.0%	100.0%	None Detected	Comment	
		VVIIILE	0.070	100.070	None Detected		
Client Sample ID:	103034B					Lab Sample ID:	042026940-0068
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	File Mud Bed White	e Layer		
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103035A					Lab Sample ID:	042026940-0069
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor	File Mud Bed Black	(Laver	,	
	Zila i looi Cillialeli 3 Book	Office Tollet (Nooth)	Jeraniic i looi	The Mud Bed Black	CLayer		
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103035B					Lab Sample ID:	042026940-0070
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor ⁻	File Mud Bed Black	k Layer	-	
-	J				,		
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103036A					Lab Sample ID:	042026940-0071
Sample Description:	2nd Floor Children's Book	Office Toilet Room/	Ceramic Floor ⁻	Γile Grout			
	Analyzed		Non-A	Asbestos			

None Detected

11/10/2020

White

0.0%

100.0%



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	Summary Test Re	port for As	bestos Ana	alysis of Bul	k Material via E	PA 600/R-93/	116
Client Sample ID:	103036B					Lab Sample ID:	042026940-0072
Sample Description:	2nd Floor Children's Book	Office Toilet Roon	n/Ceramic Floor	Tile Grout			
	A a b a d		Nam	Ashastas			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103037A					Lab Sample ID:	042026940-0073
Sample Description:		o Matarial undar	Coromio Eleor			Lub Gampie ib.	042020340-0070
sampre Becompacin.	1st Floor Front Entry/Orang	je Materiai uriuei	Ceramic Floor				
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Orange	0.0%	100.0%	None Detected		
Client Sample ID:	103037B					Lab Sample ID:	042026940-0074
Sample Description:	1st Floor Front Entry/Orang	je Material under	Ceramic Floor				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Orange	0.0%	100.0%	None Detected		
Client Sample ID:	103038A					Lab Sample ID:	042026940-0075
Sample Description:	1st Floor Men's Toilet near	Entry/Ceramic Flo	oor Tile Mud Bed	I			
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Tan	0.0%	100.0%	None Detected		· · · · · · · · · · · · · · · · · · ·
Client Sample ID:	103038B					Lab Sample ID:	042026940-0076
Sample Description:	1st Floor Men's Toilet near	Entry/Ceramic Flo	oor Tile Mud Bed	i			
T-0T	Analyzed	0.1.		Asbestos	A . I	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103039A					Lab Sample ID:	042026940-0077
Sample Description:	1st Floor Men's Toilet near	Entry/Gray Mater	ial Leveler				
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray	0.0%	100.0%	None Detected	Comment	
		<u>-</u>			13.10 2 3100104	Lah Samala ID:	042026040 0079
Client Sample ID:	103039B	F / /O				Lab Sample ID:	042026940-0078
Sample Description:	1st Floor Men's Toilet near	Entry/Gray Mater	ıaı Leveler				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103040A	······································				Lab Sample ID:	042026940-0079
Sample Description:		Entra/Crt				zaz campic ib.	J.20200-3-0010
oampie bescription.	1st Floor Men's Toilet near	⊏ntry/Grout					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	

None Detected

11/10/2020

Beige

0.0%

100.0%



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0080 Client Sample ID: 103040B Sample Description: 1st Floor Men's Toilet near Entry/Grout Analyzed Non-Ashestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 Tan 3.0% 97.0% None Detected Client Sample ID: 103041A Lab Sample ID: 042026940-0081 Sample Description: 1st Floor Women's Toilet near Entry/Ceramic Floor Tile Mud Bed Analyzed Non-Asbestos TEST Date **Fibrous** Non-Fibrous Color Asbestos Comment PLM 11/10/2020 Gray/Tan 0.0% 100.0% None Detected Result includes a small amount of inseparable attached material Lab Sample ID: 042026940-0082 Client Sample ID: 103041B Sample Description: 1st Floor Women's Toilet near Entry/Ceramic Floor Tile Mud Bed Analyzed Non-Asbestos TEST Date **Fibrous** Non-Fibrous Comment Color Asbestos PLM 11/11/2020 Gray/Tan 0.0% 100.0% None Detected Client Sample ID: 103042A Lab Sample ID: 042026940-0083 Sample Description: 1st Floor Women's Toilet near Entry/Gray and Yellow Material Leveler Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/10/2020 Gray/Yellow 0.0% 100.0% None Detected 103042B Lab Sample ID: 042026940-0084 Client Sample ID: Sample Description: 1st Floor Women's Toilet near Entry/Gray and Yellow Material Leveler Analyzed Non-Asbestos **TEST** Non-Fibrous Date Color Fibrous Asbestos Comment PLM 11/11/2020 Gray 0.0% 100.0% None Detected Lab Sample ID: Client Sample ID: 103043A 042026940-0085 Sample Description: 1st Floor Women's Toilet near Entry/Grout Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/10/2020 5.0% 95.0% None Detected Tan Lab Sample ID: 042026940-0086 Client Sample ID: 103043B Sample Description: 1st Floor Women's Toilet near Entry/Grout Non-Asbestos Analyzed Fibrous Non-Fibrous TEST Date Color Asbestos Comment PLM 11/11/2020 Gray/Tan 3.0% 97.0% None Detected 042026940-0087 Lab Sample ID: Client Sample ID: Sample Description: Basement near Meeting Room - Men's Toilet/Ceramic Floor Tile Mud Bed Analyzed Non-Asbestos

Date

11/10/2020

Color

Gray

Fibrous

0.0%

Non-Fibrous

100.0%

Asbestos

None Detected

Comment

TEST



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Re	port for Asb	estos An	aiysis oi bui	K Material via E		
Client Sample ID:	103044B					Lab Sample ID:	042026940-0088
Sample Description:	Basement near Meeting R	oom - Women's Toil	et/Ceramic Flo	or Tile Mud Bed			
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103045A	<u> </u>				Lab Sample ID:	042026940-0089
Sample Description:		oom Mon's Toilet/	Caramia Flaar	Tilo Crout			042020040 0000
oumple Description.	Basement near Meeting R	oom - Men's Toller	Jerannic Floor	Tile Grout			
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103045B					Lab Sample ID:	042026940-0090
Sample Description:	Basement near Meeting R	oom - Women's Toil	et/Ceramic Flo	oor Tile Grout			
TEOT	Analyzed	0.1		Asbestos	Asharta	0	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103046A					Lab Sample ID:	042026940-0091
Sample Description:	Basement near Meeting R	oom - Men's Toilet/0	Ceramic Wall 1	île Grout			
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Tan	0.0%	100.0%	None Detected		
Client Sample ID:	103046B					Lab Sample ID:	042026940-0092
Sample Description:	Basement near Meeting R	oom Women's Toil	et/Ceramic W	all Tile Grout			
	Dasement near weeting it	oom - women's fon	et/Ceramic vv	all file Glout			
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103047A					Lab Sample ID:	042026940-0093
Sample Description:	Basement near Meeting R	oom - Women's Toil	et/Ceramic Wa	all Tile Mud Bed			
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	White/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103047B					Lab Sample ID:	042026940-0094
Sample Description:	Basement near Meeting R	oom - Women's Toil	et/Ceramic Wa	all Tile Mud Bed			
TEST	Analyzed	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected	Comment	
	103048A					Lab Sample ID:	042026940-0095
Client Sample ID:		–				Lab Sample ID.	042020940-0095
Sample Description:	Basement near Meeting R	oom - Men's Tollet/C	eramic Wall 1	ile I hinset			
	Analyzed		Non-	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	



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	•	port for Ass	estos Ali	arysis or bur	k Material via E	PA 000/K-93/	110
Client Sample ID:	103048B					Lab Sample ID:	042026940-0096
Sample Description:	Basement near Meeting Re	oom - Men's Toilet/0	Ceramic Wall	Tile Thinset			
	Analyzad		Non	Ashaataa			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%		None Detected		
Client Sample ID:	103049A					Lab Sample ID:	042026940-0097
Sample Description:		aam Man'a Tailat/(Caramia Wall /	\ dhaaire		Lub Gumpie ib.	042020340-0037
ampie Description.	Basement near Meeting Ro	bom - Men's Tollet/C	Jeramic Waii F	Adriesive			
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Peach	0.0%	100.0%	None Detected		
Client Sample ID:	103049B					Lab Sample ID:	042026940-0098
Sample Description:	Basement near Meeting Re	oom - Women's Toil	et/Ceramic W	all Adhesive			
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103050A					Lab Sample ID:	042026940-0099
Sample Description:	Basement near Meeting Ro	oom - Men's Toilet/0	Ceramic Floor	Adhesive			
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Peach	0.0%	100.0%	None Detected		
Client Sample ID:	103050B					Lab Sample ID:	042026940-0100
Sample Description:	Basement near Meeting Ro	oom - Women's Toil	et/Ceramic Flo	oor Adhesive			
	Analyzed			-Asbestos			
TEST	Date	Color	Non Fibrous	Non-Fibrous	Asbestos	Comment	
	-	Color Tan	Non	Non-Fibrous	Asbestos None Detected	Comment	
PLM Client Sample ID:	Date		Non Fibrous	Non-Fibrous		Comment Lab Sample ID:	042026940-0101
PLM Client Sample ID:	Date 11/11/2020	Tan	Non Fibrous 0.0%	Non-Fibrous			042026940-0101
PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old	Tan	Non Fibrous 0.0% or Mud Bed	Non-Fibrous 100.0%			042026940-0101
PLM Client Sample ID: Sample Description:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed	Tan Broom/Ceramic Flo	Non Fibrous 0.0% or Mud Bed Non	Non-Fibrous 100.0%	None Detected	Lab Sample ID:	042026940-0101
PLM Client Sample ID: Sample Description: TEST	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date	Tan Broom/Ceramic Flo Color	Non Fibrous 0.0% or Mud Bed Non Fibrous	Non-Fibrous 100.0% -Asbestos Non-Fibrous	None Detected Asbestos		042026940-0101
Client Sample ID: Sample Description: TEST	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020	Tan Broom/Ceramic Flo	Non Fibrous 0.0% or Mud Bed Non	Non-Fibrous 100.0% -Asbestos Non-Fibrous	None Detected	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020	Tan Broom/Ceramic Flo Color Gray	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0%	Non-Fibrous 100.0% -Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	042026940-0101 042026940-0102
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020	Tan Broom/Ceramic Flo Color Gray	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0%	Non-Fibrous 100.0% -Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020	Tan Broom/Ceramic Flo Color Gray	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0%	Non-Fibrous 100.0% -Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old	Tan Broom/Ceramic Flo Color Gray	Non Fibrous O.0% or Mud Bed Non Fibrous O.0%	Non-Fibrous 100.0% -Asbestos Non-Fibrous 100.0%	None Detected Asbestos	Lab Sample ID: Comment	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old Analyzed	Tan Broom/Ceramic Flo Color Gray Broom/Ceramic Wa	Non Fibrous O.0% or Mud Bed Non Fibrous O.0%	-Asbestos 100.0% -Asbestos Non-Fibrous -Asbestos Non-Fibrous	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old Analyzed Date Analyzed Date	Tan Broom/Ceramic Flo Color Gray Broom/Ceramic Wa	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0% Ill Mud Bed Non Fibrous	-Asbestos 100.0% -Asbestos Non-Fibrous -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old Analyzed Date 11/11/2020	Tan Broom/Ceramic Flo Color Gray Broom/Ceramic Wa Color Gray	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0% Ill Mud Bed Non Fibrous 0.0%	-Asbestos 100.0% -Asbestos Non-Fibrous -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0102
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old Analyzed Date 11/11/2020 103052A Custodial Closer near Old	Tan Broom/Ceramic Flo Color Gray Broom/Ceramic Wa Color Gray	Non Fibrous 0.0% or Mud Bed Non Fibrous 0.0% Ill Mud Bed Non Fibrous 0.0%	-Asbestos Non-Fibrous 100.0% -Asbestos Non-Fibrous 100.0%	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0102
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Date 11/11/2020 103051A Custodial Closer near Old Analyzed Date 11/10/2020 103051B Custodial Closer near Old Analyzed Date 11/11/2020 103052A	Tan Broom/Ceramic Flo Color Gray Broom/Ceramic Wa Color Gray	Non Fibrous 0.0% Or Mud Bed Non Fibrous 0.0% Ill Mud Bed Non Fibrous 0.0% Or Grout	-Asbestos 100.0% -Asbestos Non-Fibrous -Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	042026940-0102



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	Summary Test R	eport for Asb	estos Ana	alysis of Bu	lk Material via E	PA 600/R-93/	116
Client Sample ID:	103052B					Lab Sample ID:	042026940-0104
Sample Description:	Custodial Closer near Old	d Broom/Ceramic Wal	l Grout				
	Analysed		Non	Ashastas			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103053A					Lab Sample ID:	042026940-0105
Sample Description:	1st Floor Children's Book	Area/Black Wall Dam	p Proof behin	d Plaster			
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray/Tan/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103053B					Lab Sample ID:	042026940-0106
Sample Description:	1st Floor Children's Book	Area/Black Wall Dam	p Proof behin	d Plaster			
TEST	Analyzed	0.51		Asbestos	Anh	Commercial	
TEST PLM	11/11/2020	Color	0.0%	Non-Fibrous 100.0%	Asbestos None Detected	Comment	
		Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103054A					Lab Sample ID:	042026940-0107
Sample Description:	Stairs to 2nd Floor Office	/State Stair Tread					
	A a b a d		N.	A = b = = 4 = =			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Gray	0.0%	100.0%	None Detected	Comment	
			0.070			Lab Sampla ID:	042026040 0409
Client Sample ID:	103054B					Lab Sample ID:	042026940-0108
Sample Description:	Stairs to 2nd Floor Office	/State Stair Tread					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103055					Lab Sample ID:	042026940-0109
Sample Description:	Exterior Corridor betweer	n 30 Add and Children	's Books/Dam	n Proofing under I	Door	·	
		. 00 / 144 4114 01114101		,p : .eeg aae			
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/10/2020	Black	20.0%	80.0%	None Detected		
Client Sample ID:	103056					Lab Sample ID:	042026940-0110
Sample Description:	Exterior Main Library Add	lition/Damp Proofing ι	ınder Window				
	·	. 0					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	0.0%	92.0%	8% Chrysotile		
Client Sample ID:	103057					Lab Sample ID:	042026940-0111
Sample Description:	Exterior - Office 1 and 2 S	Street Side/Black Fou	ndation Damp	Proofing			
	Analyzed			Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	

11/10/2020

Black

10.0%

85.0%

5% Chrysotile



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	Summary rest	Report for ASD	esios An	aiysis ot Bu	Ik Material via E		
Client Sample ID:	103058					Lab Sample ID:	042026940-0112
Sample Description:	Exterior Base Office C	afé and Corridor/Black I	Foundation Da	amp Proofing			
	Analyzed	I	Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	5.0%	92.0%	3% Chrysotile	Result includes a inseparable attacl	
Client Sample ID:	103059					Lab Sample ID:	042026940-0113
Sample Description:	Exterior Children's Boo	ok/Black Foundation Da	mp Proofing				
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103060					Lab Sample ID:	042026940-0114
Sample Description:	Exterior Library Area n	ear Entry/Black Founda	tion Damp Pro	oofing			
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	0.0%	100.0%	None Detected		
Client Sample ID:	103061A					Lab Sample ID:	042026940-0115
Sample Description:	Roof 1 Exterior/Roof F	ield - Rolled Roof Top					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White/Black	20.0%	80.0%	None Detected		
Client Sample ID:	103061B					Lab Sample ID:	042026940-0116
Sample Description:	Roof 1 Exterior/Roof F	ield - Rolled Roof Top					
	Analyzed	I	Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	15.0%	85.0%	None Detected		
Client Sample ID:	103062A					Lab Sample ID:	042026940-0117
Sample Description:	Roof 1 Exterior/Roof F	ield - Tar Layer 2nd				, · · - ·	
	Analyzed	I	Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103062B					Lab Sample ID:	042026940-0118
Sample Description:	Roof 1 Exterior/Roof F	ield - Tar Layer 2nd				-	
	Analyzed	ı	Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020		0.0%		None Detected		
Client Sample ID:	103063A					Lab Sample ID:	042026940-0119
Client Sample ID: Sample Description:		ïeld - Paper Tar on Woo	d Deck			Luo Guilipie ID.	072020070-0110
				Ashanta			
TEOT	Analyzed			-Asbestos	A = L 1	Commercial	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	

11/11/2020

Black

15.0%

85.0%

None Detected



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042026940 LANG78

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0120 Client Sample ID: 103063B Sample Description: Roof 1 Exterior/Roof Field - Paper Tar on Wood Deck Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 Black 15.0% 85.0% None Detected Client Sample ID: 103064A Lab Sample ID: 042026940-0121 Sample Description: Roof 1 Exterior/Flashing Roof Perimeter Rolled Roof Top Analyzed Non-Asbestos TEST Date Non-Fibrous Comment Color **Fibrous** Asbestos PLM 11/11/2020 Gray/Black 20.0% 80.0% None Detected Lab Sample ID: Client Sample ID: 103064B 042026940-0122 Sample Description: Roof 1 Exterior/Flashing Roof Penetration Rolled Roof Top Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/11/2020 Black 15.0% 85.0% None Detected Lab Sample ID: 042026940-0123 Client Sample ID: 103065A Sample Description: Roof 1 Exterior/Flashing Roof Perimeter Tar Layer Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 Black 0.0% 100.0% None Detected 042026940-0124 Lab Sample ID: Client Sample ID: Sample Description: Roof 1 Exterior/Flashing Roof Penetration Tar Layer Analyzed Non-Asbestos **TEST** Non-Fibrous **Asbestos** Comment Date Color **Fibrous** PLM 11/11/2020 Black 0.0% 100.0% None Detected 103066A Lab Sample ID: 042026940-0125 Client Sample ID: Sample Description: Roof 1 Exterior/Tar on Metal Trim Perimeter Non-Asbestos Analyzed TEST Fibrous Non-Fibrous Comment Date Color Asbestos PLM 11/11/2020 Black 0.0% 90.0% 10% Chrysotile 103066B Lab Sample ID: 042026940-0126 Client Sample ID: Sample Description: Roof 1 Exterior/Tar on Metal Trim Perimeter Analyzed Non-Asbestos Comment **TEST** Date Color Fibrous Non-Fibrous Asbestos PLM 11/11/2020 Positive Stop (Not Analyzed) Lab Sample ID: 042026940-0127 103067A Client Sample ID: Sample Description: Roof 1 Exterior/Tar on Upper Flashing adjacent to Roof 2 Non-Asbestos Analyzed

Date

11/11/2020

Color

Black

Fibrous

0.0%

Non-Fibrous

100.0%

Asbestos

None Detected

Comment

TEST



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042026940 LANG78

Summary Test Report for Ashestos Analysis of Bulk Material via EPA 600/R-93/116

a	Summary Test R			, 0.0 0. 00			
Client Sample ID:	103067B					Lab Sample ID:	042026940-0128
ample Description:	Roof 1 Exterior/Tar on Up	pper Flashing adjacent	to Roof 2				
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	92.0%	8% Chrysotile		
Client Sample ID:	103068A					Lab Sample ID:	042026940-0129
Sample Description:	Roof 1 Exterior/Air Condi	tioner Caulk					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103068B					Lab Sample ID:	042026940-0130
Sample Description:		tionar Caulle					042020040 0100
итріє Безсприон.	Roof 1 Exterior/Air Condi	uoner Cauik					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
Client Sample ID:	103069A					Lab Sample ID:	042026940-0131
Sample Description:	Roof 2 Exterior/Roof Field	d Tar Layer Top					
•		, ·-r					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	5.0%	95.0%	None Detected		
Client Sample ID:	103069B					Lab Sample ID:	042026940-0132
Sample Description:	Roof 2 Exterior/Roof Field	d Tar Layer Top					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103070A					Lab Sample ID:	042026940-0133
Sample Description:	Roof 2 Exterior/Roof Field	d Tar on Wood Deck					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	5.0%	95.0%	None Detected	Result includes a inseparable attach	
Client Sample ID:	103070B					Lab Sample ID:	042026940-0134
Sample Description:	Roof 2 Exterior/Roof Field	d Tar on Wood Deck					
•							
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Tan/Black	6.0%	94.0%	None Detected		
Client Sample ID:	103071A					Lab Sample ID:	042026940-0135
Sample Description:	Roof 2 Exterior/Perimeter	r Flashing					
		-					
	Analyzed			Asbestos			
TEST	Dato	Color	Eibroug	Non Eibroue	Achaetae	Comment	

Fibrous Non-Fibrous

80.0%

20.0%

Asbestos

None Detected

Comment

Date

11/11/2020

Color

Black

TEST



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Repo	rt for Asb	estos Analy	sis of Bu	ik Material via E	PA 600/R-93/	116
Client Sample ID:	103071B					Lab Sample ID:	042026940-0136
Sample Description:	Roof 2 Exterior/Perimeter Flash	ning					
	Analyzed		Non-Ask				
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	5.0%	95.0%	None Detected		
Client Sample ID:	103072A					Lab Sample ID:	042026940-0137
Sample Description:	Roof 2 Exterior/Tar on Metal Tr	im Perimeter					
	Analyzed		Non-Ask				
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	90.0%	10% Chrysotile		
Client Sample ID:	103072B					Lab Sample ID:	042026940-0138
Sample Description:	Roof 2 Exterior/Tar on Metal Tr	im Perimeter					
TEOT	Analyzed	Onla	Non-Ast		Askerte	0	
TEST PLM	Date	Color	Fibrous No		Asbestos	Comment	
	11/11/2020			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	103073A					Lab Sample ID:	042026940-0139
Sample Description:	Roof 3 Exterior/Slate Shingle						
TEST	Analyzed	Color	Non-Ask		Ashastas	Comment	
TEST PLM	Date 11/11/2020	Color Gray	Fibrous No	100.0%	Asbestos None Detected	Comment	
		Gray	0.0%	100.076	None Detected		
Client Sample ID:	103073B					Lab Sample ID:	042026940-0140
Sample Description:	Roof 3 Exterior/Slate Shingle						
	Analysed		Non Ach				
TEST	Analyzed Date	Color	Non-Asb Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
						Lah Sampla ID:	042026940-0141
Client Sample ID: Sample Description:	103074A	/I.D!				Lab Sample ID:	U-12U2U34U-U 4
затріе резсприоп:	Roof 3 Exterior/Tar Paper on W	ood Deck					
	Analyzed		Non-Ash	nestos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	15.0%	85.0%	None Detected		
Client Sample ID:	103074B					Lab Sample ID:	042026940-0142
Sample Description:	Roof 3 Exterior/Tar Paper on W	lood Dook					
p.c Doonphon.	Noor a Extenditial Paper on W	JOOU DECK					
	Analyzed		Non-Ast	estos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103075A					Lab Sample ID:	042026940-0143
Sample Description:	Roof 3 Exterior/Caulking on Sla	ate Ridge				,	
,	1.001 0 Extendit/Oddining off old	ato i tiage					
	Analyzed		Non-Ask	estos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	

11/11/2020

Gray

0.0%

100.0%

None Detected



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	Summary Test Rep	OFT TOT AS	vestos An	aiysis of Bul	k iviateriai via E	PA 600/K-93/	110
Client Sample ID:	103075B					Lab Sample ID:	042026940-0144
ample Description:	Roof 3 Exterior/Caulking on	Slate Ridge					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103076A					Lab Sample ID:	042026940-0145
Sample Description:	Roof 4 Exterior/Pitched Roof	Slate Shingle					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103076B					Lab Sample ID:	042026940-0146
Sample Description:	Roof 4 Exterior/Pitched Roof	Slate Shingle					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103077A					Lab Sample ID:	042026940-0147
Sample Description:	Roof 4 Exterior/Pitched Roof	Tar Paper on W	lood Deck				
		•					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	20.0%	80.0%	None Detected		
Client Sample ID:	103077B					Lab Sample ID:	042026940-0148
Sample Description:	Roof 4 Exterior/Pitched Roof	Tar Paper on W	lood Deck				
	Analyzad		Non	-Asbestos			
TEST	Analyzed Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%		None Detected		
Client Sample ID:	103078A					Lab Sample ID:	042026940-0149
Sample Description:	Roof 4 Exterior/Flat Roof Fie	ld Tor					0.20200.00.10
oumpre Decemparien.	Rooi 4 Exterior/Flat Rooi Fle	iu iai					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	30.0%	70.0%	None Detected		
Client Sample ID:	103078B					Lab Sample ID:	042026940-0150
Sample Description:	Roof 4 Exterior/Flat Roof Fie	ld Tar					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103079A					Lab Sample ID:	042026940-0151
Sample Description:	Roof 4 Exterior/Roof Field Bl	ack Paper Fiber	board				
	Anghrad		Na.	Ashastas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	40.0%		None Detected	Result includes a	small amount of
	11/11/2020	Didok	4 0.070	00.070	MONE DETECTED	insenarable attacl	

inseparable attached material



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Client Sample ID:	103079B					Lab Sample ID:	042026940-0152
ample Description:	Roof 4 Exterior/Roof Field	Black Paper Fiberb	oard				
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Tan/Black	60.0%		None Detected	Result includes a	small amount of
						inseparable attach	ned material
Client Sample ID:	103080A					Lab Sample ID:	042026940-0153
Sample Description:	Roof 4 Exterior/Roof Field	Tar on Wood Deck					
	A			A.1			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	15.0%		None Detected	Result includes a	small amount of
						inseparable attach	ned material
Client Sample ID:	103080B					Lab Sample ID:	042026940-0154
Sample Description:	Roof 4 Exterior/Roof Field	Tar on Wood Deck					
TEOT	Analyzed	Onlan.		-Asbestos	Ashastas	Commont	
TEST PLM	Date 11/11/2020	Color Black	10.0%	Non-Fibrous 90.0%	Asbestos None Detected	Comment	
		Diack	10.070	90.070	None Detected		
Client Sample ID:	103081A					Lab Sample ID:	042026940-0155
Sample Description:	Roof 4 Exterior/Perimeter F	Flashing Roof Tar T	hick				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	30.0%	70.0%	None Detected		
Client Sample ID:	103081B					Lab Sample ID:	042026940-0156
Sample Description:	Roof 4 Exterior/Perimeter F	Flashing Roof Tar T	hick			•	
		3					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	95.0%	5% Chrysotile		
Client Sample ID:	103082A					Lab Sample ID:	042026940-0157
Sample Description:	Roof 4 Exterior/Perimeter F	Flashing Roof Tar T	hin hin				
TEST	Analyzed	Color		-Asbestos	Ashaataa	Commont	
TEST PLM	Date 11/11/2020	Color Black	40.0%	Non-Fibrous 60.0%	Asbestos None Detected	Comment	
		Diaok	70.070	00.070	None Detected	I ah Samala ID	042020040 0450
Client Sample ID:	103082B		4. *-			Lab Sample ID:	042026940-0158
Sample Description:	Roof 4 Exterior/Perimeter F	-lashing Roof Tar T	hin				
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103083A					Lab Sample ID:	042026940-0159
Sample Description:	Roof 4/Flashing Black Pap	er Fiberboard				-	
•							

Non-Asbestos

Fibrous Non-Fibrous

85.0%

15.0%

Asbestos

None Detected

Comment

Result includes a small amount of

inseparable attached material

TEST

PLM

Analyzed

Date

11/11/2020

Color

Black



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Client Sample ID:	103083B					Lab Sample ID:	042026940-0160
Sample Description:	Roof 4/Flashing Black Paper	Fiberboard					
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Brown	70.0%	30.0%	None Detected		
Client Sample ID:	103084A					Lab Sample ID:	042026940-0161
Sample Description:	Roof 4/Perimeter Flashing Tai	on Wood Deck					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
400 PLM Pt Ct	11/11/2020	Black	15.00%	84.50%	0.50% Chrysotile	•	rmed on NOB material
						request. Asbestos under-reported.	c reduction at client s results may be
Client Sample ID:	103084B					Lab Sample ID:	042026940-0162
Sample Description:	Roof 4/Perimeter Flashing Tai	on Wood Deck					
TEOT	Analyzed	0-1		-Asbestos	Ashastas	Commont	
400 PLM Pt Ct	Date 11/11/2020	Color Black	15.00%	Non-Fibrous 84.25%	Asbestos 0.75% Chrysotile	Comment Point Count perform	rmed on NOB material
+00 FLINI FI GI	11711/2020	DIACK	13.00%	04.2370	0.75% Chrysotile		c reduction at client
Client Sample ID:	103085A					Lab Sample ID:	042026940-0163
Sample Description:	Roof 5/Slate Shingle						
	· ·						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103085B					Lab Sample ID:	042026940-0164
Sample Description:	Roof 5/Slate Shingle						
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	White	0.0%	100.0%	None Detected		
						Lab Sample ID:	042026940-0165
Client Sample ID: Sample Description:	103086A	aloo				Lab Sample ID.	042020340-0103
sumpre Bescription.	Roof 5/Blue Paper under Shir	igies					
	Analyzed		Non-	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Blue	75.0%	25.0%	None Detected		
Client Sample ID:	103086B					Lab Sample ID:	042026940-0166
Sample Description:	Roof 5/Blue Paper under Shir	gles					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Blue	75.0%	25.0%	None Detected		
Client Sample ID:	103087A					Lab Sample ID:	042026940-0167
Sample Description:	Roof 5/Tar Paper under Slate	Wood Deck					
	Analyzed		Non-	-Asbestos			
TEST	Data	Color		Non Eibroug	Ashastas	Commont	

Fibrous Non-Fibrous

15.0%

Date

11/11/2020

Color

Black

TEST

Comment

Asbestos

None Detected



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	Summary Test Rep	oort for Ask	estos Analy	sis of Bu	lk Material via E	PA 600/R-93/	116
Client Sample ID:	103087B					Lab Sample ID:	042026940-0168
Sample Description:	Roof 5/Tar Paper under Slat	e Wood Deck					
	Amalimad		Non Ash				
TEST	Analyzed Date	Color	Non-Asb Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	15.0%	85.0%	None Detected		
Client Sample ID:	103088A					Lab Sample ID:	042026940-0169
Sample Description:	Roof 5/Caulking on Metal W	all Trim					0.20200.00
. , ,	1 to or	an min					
	Analyzed		Non-Ash	estos			
TEST	Date	Color	Fibrous No	n-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	103088B					Lab Sample ID:	042026940-0170
Sample Description:	Roof 5/Caulking on Metal W	all Trim					
TEST	Analyzed	Color	Non-Ast		Anhartas	Comment	
PLM	Date 11/11/2020	Color Gray	Fibrous No	100.0%	Asbestos None Detected	Comment	
			0.070	100.070	None Detected	Lab Camala ID	040000040 0474
Client Sample ID:	103089A					Lab Sample ID:	042026940-0171
Sample Description:	Roof 5/Copper Flashing Tar	Black					
	Analyzed		Non-Ask	nestos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	90.0%	10% Chrysotile		
Client Sample ID:	103089B					Lab Sample ID:	042026940-0172
Sample Description:	Roof 5/Copper Flashing Tar	Black					
	Analyzed		Non-Ast			_	
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	103090A					Lab Sample ID:	042026940-0173
Sample Description:	Roof 5/Roof Field Tar 1st La	yer Top					
	Analyzed		Non-Ash	nostos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	15.0%	65.0%	20% Chrysotile		
Client Sample ID:	103090B					Lab Sample ID:	042026940-0174
Sample Description:	Roof 6/Roof Field Tar 1st La	ver Top				•	
-		, ,					
	Analyzed		Non-Ast	estos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM 	11/11/2020			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	103091A					Lab Sample ID:	042026940-0175
Sample Description:	Roof 6/Roof Field Tar 2nd La	ayer Top					
TEST	Analyzed	Color	Non-Ask		Ashaataa	Commont	
TEST	Date	Color	Fibrous No	II-FIDIOUS	Asbestos	Comment	

11/11/2020

Black

20.0%

65.0%

15% Chrysotile



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Repo	it ioi Asb	estos Alialysis	or Bark Waterial Via		
Client Sample ID:	103091B				Lab Sample ID:	042026940-0176
ample Description:	Roof 6/Roof Field Tar 2nd Laye	er Top				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro	ous Asbestos	Comment	
PLM	11/11/2020			Positive Stop (Not Analyzed)		
lient Sample ID:	103092A				Lab Sample ID:	042026940-0177
Sample Description:	Roof 6/Perimeter Flashing Top	Laver Thin			,	
. , ,	rtool o/r climater ridering rep	Layor min				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro	ous Asbestos	Comment	
PLM	11/11/2020	Black	15.0% 65.0	% 20% Chrysotile		
lient Sample ID:	103092B				Lab Sample ID:	042026940-0178
ample Description:	Roof 6/Perimeter Flashing Top	Layer Thin				
	Analyzed		Non-Asbestos		_	
TEST	Date	Color	Fibrous Non-Fibro		Comment	
PLM	11/11/2020			Positive Stop (Not Analyzed)		
Client Sample ID:	103093A				Lab Sample ID:	042026940-0179
ample Description:	Roof 6/Perimeter Flashing 2nd	Layer Thin				
TEST	Analyzed	Calar	Non-Asbestos Fibrous Non-Fibro	ous Asbestos	Comment	
PLM	Date 11/11/2020	Color Black	10.0% 77.0		Comment	
		Diack	10.070 77.0	1370 Omysothe	Lab Camala ID:	040000040.0400
Client Sample ID:	103093B				Lab Sample ID:	042026940-0180
Sample Description:	Roof 6/Perimeter Flashing 2nd	Layer Thin				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro	ous Asbestos	Comment	
PLM	11/11/2020			Positive Stop (Not Analyzed)		
Client Sample ID:	103094A				Lab Sample ID:	042026940-0181
Sample Description:	Roof 6/Tar on Parapet Wall				,	
, , , , , , , , , , , , , , , , , , , ,	11001 0/ fai off i diapet vvaii					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro	ous Asbestos	Comment	
PLM	11/11/2020	Black	35.0% 58.0	% 7% Chrysotile		
Client Sample ID:	103094B				Lab Sample ID:	042026940-0182
Sample Description:	Roof 6/Tar on Parapet Wall					
	•					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro		Comment	
PLM	11/11/2020			Positive Stop (Not Analyzed)		
Client Sample ID:	103095A				Lab Sample ID:	042026940-0183
ample Description:	Roof 6/Sulfur Layer Bottom Fie	eld and Flash				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibro	ous Asbestos	Comment	

11/11/2020

Black

0.0%

100.0%

None Detected



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	Summary Test Rep	ort for Asb	estos An	alysis of Bu	ılk Material via E	PA 600/R-93/	116
Client Sample ID:	103095B					Lab Sample ID:	042026940-0184
Sample Description:	Roof 6/Sulfur Layer Bottom F	Field and Flash					
TEOT	Analyzed	0.1		-Asbestos	Autoritor		
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	103096A					Lab Sample ID:	042026940-0185
Sample Description:	Roof 6/Block Material on De	ck Field					
TEOT	Analyzed	0-1		-Asbestos	Ashastas	0	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020				Layer Not Present		
Client Sample ID:	103096B					Lab Sample ID:	042026940-0186
Sample Description:	Roof 6/Block Material on De	ck Flash					
TEST	Analyzed	Color		-Asbestos	Anhertes	Comment	
TEST PLM	11/11/2020	Color Black	0.0%	Non-Fibrous 85.0%	Asbestos 15% Chrysotile	Comment	
		DIACK	0.0%	00.070	13/0 CHTYSULIE		
Client Sample ID:	103097A					Lab Sample ID:	042026940-0187
Sample Description:	Roof 6/Concrete Deck Field						
	A I I			A . I			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Tan	0.0%		None Detected	Comment	
						Lab Cample ID:	042026940-0188
Client Sample ID:	103097B					Lab Sample ID:	042026940-0166
Sample Description:	Roof 6/Concrete Deck Field						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Tan	0.0%		None Detected		
Client Sample ID:	103098A					Lab Sample ID:	042026940-0189
Sample Description:							
oumpre Decemparem	Roof 7/Slate Shingle						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/Black	0.0%		25% Chrysotile		
Client Sample ID:	103098B					Lab Sample ID:	042026940-0190
Sample Description:	Roof 7/Slate Shingle					•	
,	1001 1/0iato offiligio						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Positi	ve Stop (Not Analyzed)		
Client Sample ID:	103099A					Lab Sample ID:	042026940-0191
Sample Description:	Roof 7/Tar Paper under Slate	9				-	
•	apor anaor oldi						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	40.0%	60.0%	None Detected		



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	Summary Test Repo	rt for As	bestos Analy	SIS OF BU	ik Materiai via E	PA 600/R-93/	116
Client Sample ID:	103099B					Lab Sample ID:	042026940-0192
Sample Description:	Roof 7/Tar Paper under Slate						
	Analyzed		Non-Asb	actos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	45.0%	51.0%	4% Chrysotile		
Client Sample ID:	1030100A					Lab Sample ID:	042026940-0193
Sample Description:	Roof 7/Tar on Sloped by Roof 6					,	
	11001 17 fair oil oloped by 11001 0						
	Analyzed		Non-Asb	estos			
TEST	Date	Color	Fibrous No	n-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	92.0%	8% Chrysotile		
Client Sample ID:	1030100B					Lab Sample ID:	042026940-0194
Sample Description:	Roof 7/Tar on Sloped by Roof 6						
	Analyzed		Non-Asb				
TEST	Date	Color	Fibrous No		Asbestos	Comment	
PLM	11/11/2020			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	1030101A					Lab Sample ID:	042026940-0195
Sample Description:	Roof 8/Slate Roof Shingle						
	Amalumad		Non Ach				
TEST	Analyzed Date	Color	Non-Asb Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	88.0%	12% Chrysotile		
Client Sample ID:	1030101B				·····	Lab Sample ID:	042026940-0196
Sample Description:						Lub Gampie ib.	0-120200-10 0 100
	Roof 8/Slate Roof Shingle						
	Analyzed		Non-Asb	estos			
TEST	Date	Color	Fibrous No	n-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	1030102A					Lab Sample ID:	042026940-0197
Sample Description:	Roof 8/Tar Paper under Roof Sl	ningle Wood	Deck				
	Analyzed		Non-Asb				
TEST	Date	Color	Fibrous No		Asbestos Nana Datastad	Comment	
PLM	11/11/2020	Black	60.0%	40.0%	None Detected		
Client Sample ID:	1030102B					Lab Sample ID:	042026940-0198
Sample Description:	Roof 8/Tar Paper under Roof Sl	ningle Wood	Deck				
	Analyzad		Non-Asb	netoe			
TEST	Analyzed Date	Color	Non-Asb Fibrous No		Asbestos	Comment	
PLM	11/11/2020	Black	60.0%	40.0%	None Detected		
Client Sample ID:	1030103A		-			Lab Sample ID:	042026940-0199
Sample Description:						zaz campic ib.	3-20200-10-0100
campic Description.	Roof 8/Slate Wall Tile						
	Analyzed		Non-Asb	estos			
TEST	Date	Color	Fibrous No		Asbestos	Comment	
	44/44/0000	Divide	0.00/	00.00/			

11/11/2020

Black

0.0%

88.0%

12% Chrysotile



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

	Summary Test Repo	τι tor Asbe	stos An	alysis of Bul	k wateriai via E		110
Client Sample ID:	1030103B					Lab Sample ID:	042026940-0200
Sample Description:	Roof 8/Slate Wall Tile						
TEOT	Analyzed	0-1		-Asbestos	Asharta	0	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Positive	e Stop (Not Analyzed)		
Client Sample ID:	1030104A					Lab Sample ID:	042026940-0201
Sample Description:	Roof 8/Tar Paper						
TEST	Analyzed	Calar		-Asbestos Non-Fibrous	Ashaataa	Commont	
PLM	11/11/2020	Color Black	60.0%		Asbestos None Detected	Comment	
		Diack	00.070	40.070	None Detected		
Client Sample ID:	1030104B					Lab Sample ID:	042026940-0202
Sample Description:	Roof 8/Tar Paper						
	A		M= ·	Anhoritan			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	60.0%		None Detected	Comment	
			30.070		200000	Lah Sampla ID:	042026940-0203
Client Sample ID:	1030105A					Lab Sample ID:	U42U2034U-U2U3
Sample Description:	Roof 8/Upper Window Caulking						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%		None Detected		
Client Sample ID:	1030105B					Lab Sample ID:	042026940-0204
Sample Description:	Roof 8/Upper Window Caulking						
	11001 0/Opper William Cauking						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	0.0%	100.0%	None Detected		
Client Sample ID:	1030106A					Lab Sample ID:	042026940-0205
Sample Description:	Roof 8/Upper Window Glazing					-	
- -							
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	1030106B					Lab Sample ID:	042026940-0206
Sample Description:	Roof 8/Upper Window Glazing						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	1030107A					Lab Sample ID:	042026940-0207
Sample Description:	Roof 8/Window Caulking at Slat	te Shingle Joints					
	Analyzed			-Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
DLM	11/11/2020	Cross	0.00/	100.00/	Name Detected		

0.0%

100.0%

None Detected

11/11/2020

Gray



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Summary Test Report for Ashestos Analysis of Rulk Material via EPA 600/P-93/116

	Summary Test Rep	oort for Asbes	stos An	alysis of Bu	ılk Material via E	PA 600/R-93/ [,]	116
Client Sample ID:	1030107B					Lab Sample ID:	042026940-0208
Sample Description:	Roof 8/Window Caulking at	Slate Shingle Joints					
	Analyzed			-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Brown	0.0%	100.0%	None Detected		
Client Sample ID:	1030108A					Lab Sample ID:	042026940-0209
Sample Description:	Roof 8/Caulking at Copper F	lashing Joints					
TEST	Analyzed	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Croy/Mhito	0.0%			Comment	
		Gray/White	0.0%	100.070	None Detected		
Client Sample ID:	1030108B					Lab Sample ID:	042026940-0210
Sample Description:	Roof 8/Caulking at Copper F	Flashing Joints					
				A . b t .			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray/White	0.0%		None Detected	Comment	
		Jiay/ Wille	0.070	100.070	None Detected	Lab Sarrata IS	042020040 0244
Client Sample ID:	1030109A					Lab Sample ID:	042026940-0211
Sample Description:	Roof 9/Roof Field Tar Layer						
	A		Na:-	Ashastas			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%		4% Chrysotile		
	1030109B			<u></u>	,	Lab Sample ID:	042026940-0212
Client Sample ID: Sample Description:						Las Sample ID.	
Gample Description.	Roof 9/Roof Field Tar Layer						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Posit	ive Stop (Not Analyzed)		
Client Sample ID:	1030110A					Lab Sample ID:	042026940-0213
Sample Description:	Roof 9/Roof Field Tar Paper						
,	. tool of toof I lold fall I apel						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	25.0%	75.0%	None Detected		
Client Sample ID:	1030110B					Lab Sample ID:	042026940-0214
Sample Description:	Roof 9/Roof Field Tar Paper						
-	- -						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	30.0%	70.0%	None Detected		
Client Sample ID:	1030111A					Lab Sample ID:	042026940-0215
Sample Description:	Roof 9/Roof Field Sulfur Ma	terial					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		



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	Summary Test Repo	rt tor As	pestos Ana	iysis ot Bu	ik Materiai via E		
Client Sample ID:	1030111B					Lab Sample ID:	042026940-0216
Sample Description:	Roof 9/Roof Field Sulfur Materi	al					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	100.0%	None Detected		
Client Sample ID:	1030112A					Lab Sample ID:	042026940-0217
Sample Description:	Roof 9/Penetration Periemter F	lashing Tar L	ayer				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	95.0%	5% Chrysotile		
Client Sample ID:	1030112B					Lab Sample ID:	042026940-0218
Sample Description:	Roof 9/Penetration Periemter F	lashing Tar L	ayer				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Positiv	ve Stop (Not Analyzed)		
Client Sample ID:	1030113A					Lab Sample ID:	042026940-0219
Sample Description:	Roof 9/Penetration Periemter F	lashing Tar P	aper Layer				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Black	0.0%	95.0%	5% Chrysotile		
Client Sample ID:	1030113B					Lab Sample ID:	042026940-0220
Sample Description:	Roof 9/Penetration Periemter F	lashing Tar P	aper Layer				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020			Positiv	e Stop (Not Analyzed)		
Client Sample ID:	1030114A					Lab Sample ID:	042026940-0221
Sample Description:	Roof 9/Paper on Upper Foam L	.ayer					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	60.0%	40.0%	None Detected		
Client Sample ID:	1030114B					Lab Sample ID:	042026940-0222
Sample Description:	Roof 9/Paper on Upper Foam L	ayer					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	11/11/2020	Gray	60.0%	40.0%	None Detected		
Client Sample ID:	1030115A					Lab Sample ID:	042026940-0223
Sample Description:	Roof Exterior/Chimney Caulking	g on Copper	Flashing				
	harvlenA		Non A	sbestos			
TEST	Analyzed Date	Color		Spesios Non-Fibrous	Asbestos	Comment	
DIM		COIOI	C COV	100.00/	ASNESIUS		

11/11/2020

Gray/White

0.0%

100.0%

None Detected



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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

Lab Sample ID: 042026940-0224 Client Sample ID: 1030115B

Sample Description: Roof Exterior/Chimney Caulking on Copper Flashing

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 11/11/2020 Gray/White 0.0% 100.0% None Detected Client Sample ID: 1030116A Lab Sample ID: 042026940-0225

Sample Description: Roof Exterior/Caulking on Metal Trim

Analyzed Non-Asbestos TEST Date **Fibrous** Non-Fibrous Comment Color Asbestos PLM 11/11/2020 White 0.0% 100.0% None Detected Lab Sample ID: Client Sample ID: 1030116B 042026940-0226

Sample Description: Roof Exterior/Caulking on Metal Trim

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 11/11/2020 White 0.0% 100.0% None Detected

Analyst(s):

Alex Francois PLM (38) Andrew Borsos PLM (28) Christina Maiorana PLM (2) Kyle DeKarski PLM (49) Mark Shuts PLM (39) Olufunke Akintunde PLM (4) 400 PLM Pt Ct (2) Paige Havener PLM (9) Rachel Irwin PLM (1) Sarah Kleinbrahm PLM (36)

Reviewed and approved by:

Samantha Rundstrom, Laboratory Manager or Other Approved Signatory

Samantha Runghtono

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 11/11/202016:53:25

Appendix B

XRF Lead-Based Paint Screening Field Data Sheets

PRELIMINARY XRF LBP TESTING DATA SHEET

Project No.

Client Name: Site Address

Site Address				Survey Date					Total Assays Reported:
					×	XRF Readings	S		
Survey ID#	Component	Substrate	Paint Color	Test Location	K Shell mg/cm2	L Shell mg/cm2	K-Fe mg/cm2	Results	Comments
	Calibrate					E.			
N	4							07	
50	Wase	Sprethod	Bin	Loweth 181. Hor				200	
Σ.	Doer Toin	metre						7	
لم	Entry Das	4	(cray	+					
'2	world	Block	Alon					3 (
	Elev. Desev	notal	Every	4				0,04	
مح	Dro C	metal	Gollen					0	
9	Dool Atm)	+					0	
10	Door	111000	451 6000	+				0	
:=	Jicon)	Block	J. N. J.					0	
7	13000000	Bric'X						Ü	
13	-1-	Corcute	+	}				0	
5	Door Trim	meter	144	,				0	
7	Boc 1	+	7	7				0	
2	Wall	58	Wallpup or	low, peoply				0	
C	DOW THIN	MHI	P. 11	-				0	
8	(Jump	5K	Z. Z.	Lominka				0	
5-	144	hood	VEhiSh					0	
70	シンペニ	とうついつ	15.464	Ringhind stug				0	
87	1		ひまだ ア	michigun				0	
77	1	(P. M.)	Ž X	Women TR				23.0	
(4)	S. S.	38	+	+				0	
747	11411	50	*Cito	af				0	
	Des frim	motori	ひゃ.ア	1				0,01	

N = Negative P = Positive Notes:

Page 1 of 1

PRELIMINARY XRF LBP TESTING DATA SHEET

Client Name:

Site Address

Project No.

Survey Date

Total Assays Reported:

N = Negative P = Positive Notes:

14763\xrftest

PRELIMINARY XRF LBP TESTING DATA SHEET

Project No.

Client Name: Site Address

Survey Date

Total Assays Reported:

					×	XRF Readings	٠		
Survey ID#	Component	Substrate	Paint Color	Test Location	K Shell mg/cm2	L Shell mg/cm2	K-Fe mg/cm2	Results	Comments
7	Det	metal	J. 47	Stevens O.R. 4		3		200	
25	17×11	512	Yellow	Ch: 122				0	
53	WM2-545.	tuki	スシン	4				p	5931
W	いかしてんと	2005	VW NEW					2	
55	1147	50	BIX	+				0	
5 b	1177	-95	المال	Tollaton				0	
27	Con 1 0100	Lecurit		4				0.0	
54	2 33	BA+58	The w	42. TY (1412				2	3
7-	Dun www	Mar of 21	b)2(5/m	Cen HC				7	9
رب ه	2011	かっこと	, H144					\ \ \	
6	r. 52	いったい	325					-	
29	Brown Ju	1		nga-				0.06	
63	2444	Block	W.H	275 Fl. Of (.				0	
60	Tim	winte	77					0	
je st	Dock	Moss	それが					0	
99	Dealton	1 m	Block	7				0.5	
19	comban 575 mins	Woll	Link					1	
28.	window 545 cital	Matri	4					000	
27	1/2/2	38						0	
75	M:11	Fibol	7					510	
F	(6.1. mg	printer	なかれ	urjust				0	
75	W +1/	LP	+	15° Mars 3				0	
13	13 · · · · · · · · · · · · · · · · · · ·	Cer mil		+				0.01	
hL		Brood	B12(I worder				0	
ر بر	hua 11	5R	シカ,7七	15 Book bra				0	

N = Negative P = Positive Notes:

PRELIMINARY XRF LBP TESTING DATA SHEET

Client Name:

mix x roser mose 45 X

Site Address

Project No.

Survey Date

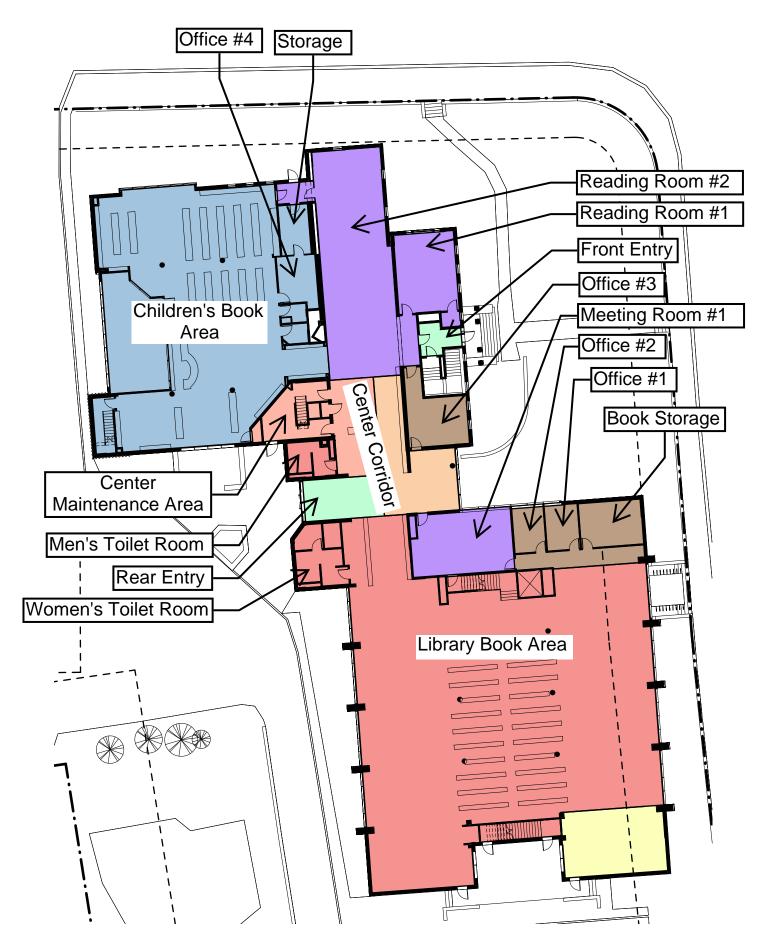
Total Assays Reported:

Component Labor								
Y shia bu	Substrate	Paint Color	Test Location	K Shell mg/cm2	XRF Readings L Shell mg/cm2	K-Fe mg/cm2	Results	Comments
	Infra	Aran	12 COR COM			,	0	
Det 1, 202	Los	VENTA					00	
+ SMIT	ノーゲーハ	5					0	5
りなり		0,5					100	
-6-4	7)	+					
Dow		大	5 Fiv				0	
T TON	pser	1	1				0	
र धर दे बहुकर	pricted	4500	mer. p. c				0	
winger	hotre	John .					0	ē
1 DOW	met.	+	12821 B.T.				0	
Dog Tim	2 chr	1	(3) (h.) d. xn				2	
Lockor	→		-+-				2.0	
Cenop	organia de la companya de la company	دازيما	+				2	
poor	- Starte	2	これのからいり					
the Team	4	H					30	
5,2/my	المامي ما	the	ex 4.2mg				h.0	
1	7	7	7				1,7	
2000	Woed	7.33	the Book you				9 %	
11/2	conceth	tan					0	
Door	matri	ナーハ	-				0	
Mary	ساود د	いかん	C 18 CR778/1				0	
my 200 104,000	+	+	T 1/1				0	
_	+	+	TO 8-173 407				4	
Column			CAL Tringtones				1	
L 13.5	1	d	+					

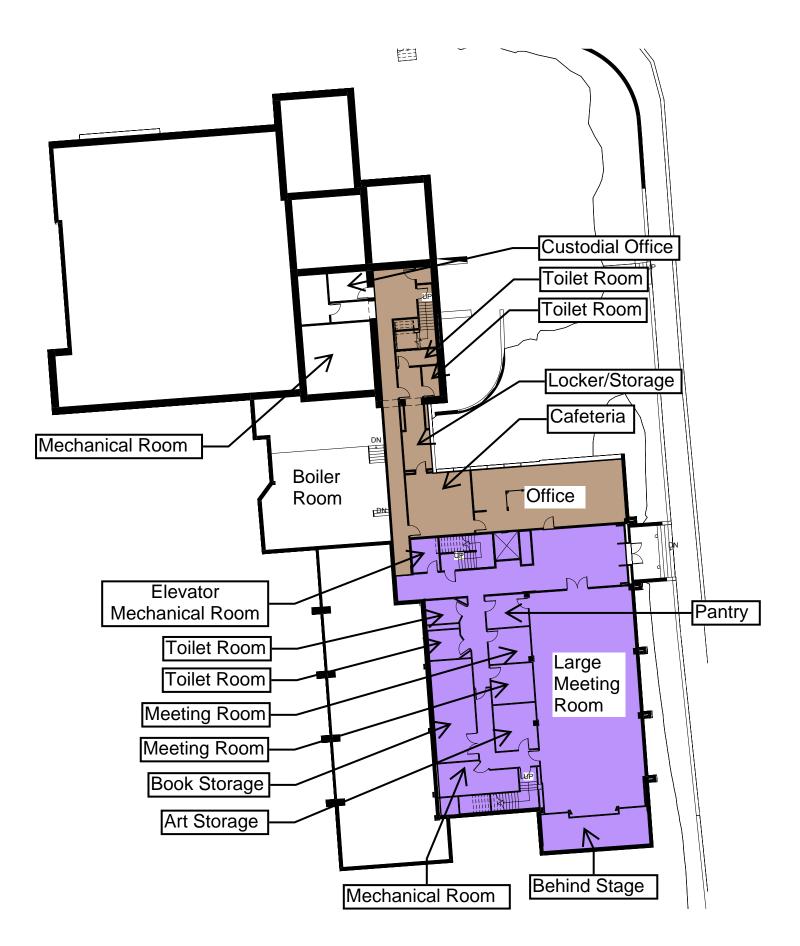
N = Negative P = Positive Notes:

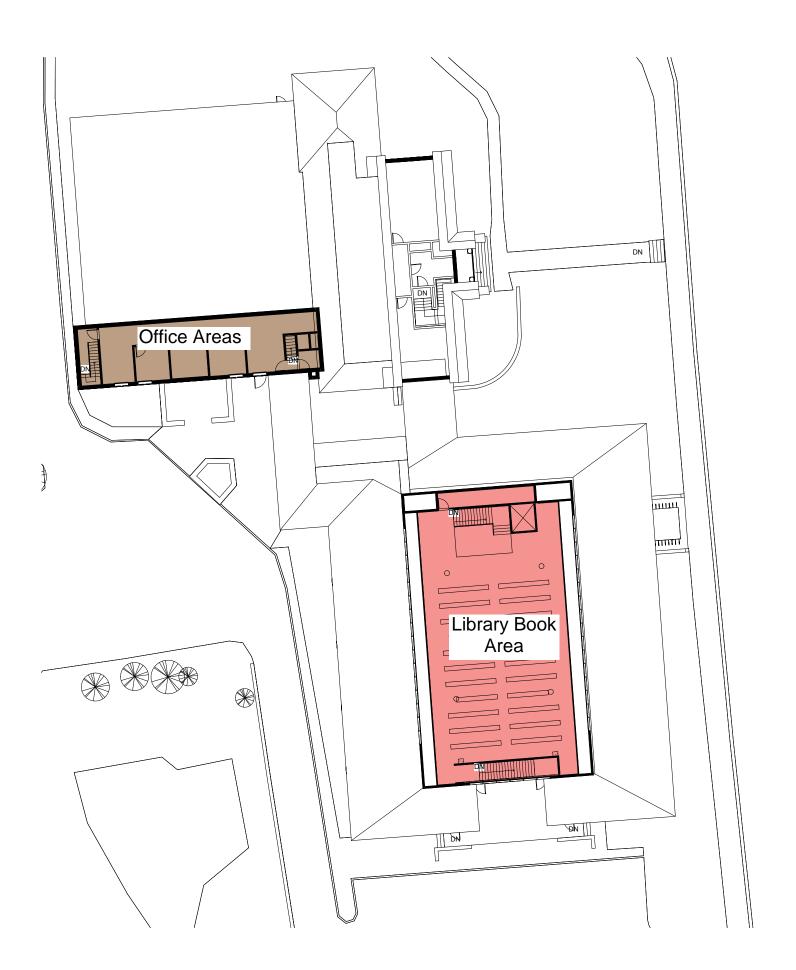
Appendix C

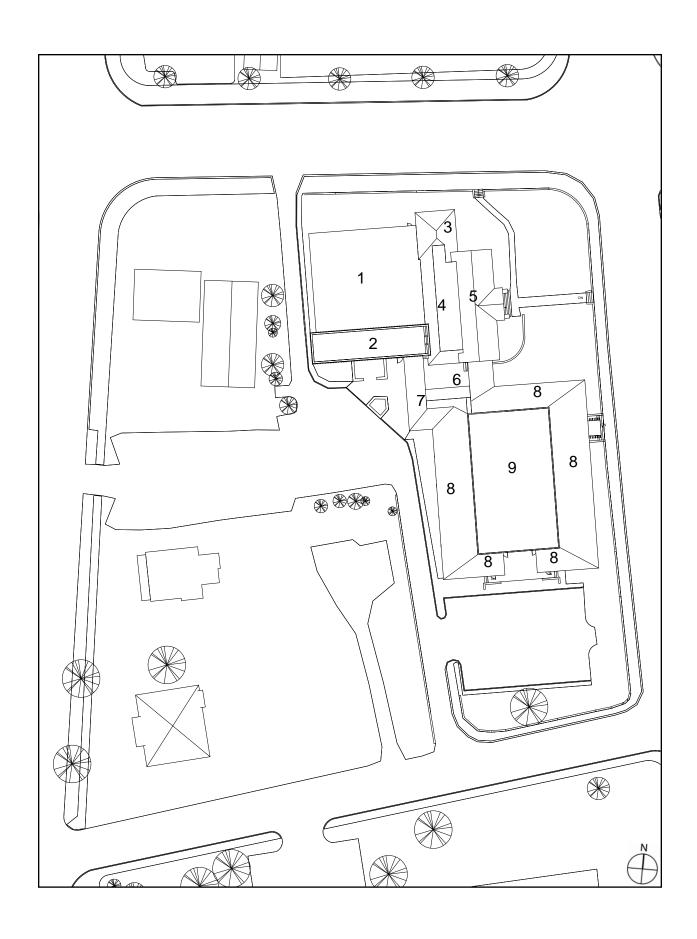
Building Diagrams



Existing First Floor Plan

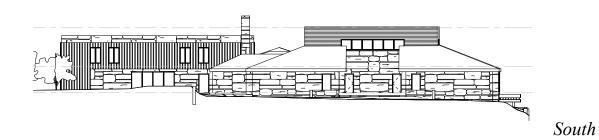


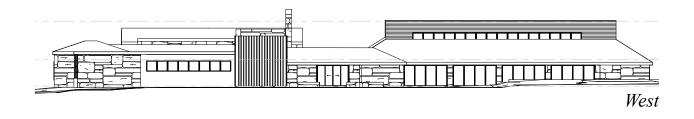


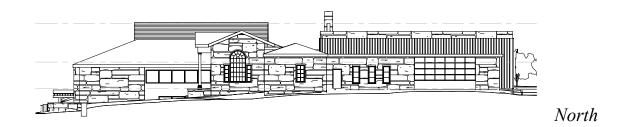


Existing Roof Plan









Appendix D

Langan Certifications and Accreditations



Lookup Detail View

Name

Name

WILLIE L THOMPSON

License Information

lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status		Licensure Actions or Pending Charges
Asbestos Consultant- Inspector	673	08/31/2021	03/27/2007	Willie L. Thompson	ACTIVE	CURRENT	None

Generated on: 10/25/2020 5:55:08 PM



WALLET CARD

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO.

CERTIFICATE NO. CURRENT THROUGH

03-811279

000041

04/30/21

PROFESSION

ASBESTOS CONSULTANT-INSP/MGMT PLANNER

Comment The and takell COMMISSIONER

SIGNATURE

WALLET CARD

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO. 03-811281

CERTIFICATE NO. CURRENT THROUGH

000058

04/30/21

PROFESSION

ASBESTOS CONSULTANT-PROJECT DESIGNER

Donie D. Fled on itchell COMMISSIONER

SIGNATURE

WALLET CARD

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO. 03-811280

000077

CERTIFICATE NO. CURRENT THROUGH

04/30/21

PROFESSION

ASBESTOS CONSULTANT-PROJECT MONITOR

SIGNATURE

and fled whitele

EMPLOYER'S COPY

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO. 03-436509

1.

F

CERTIFICATE NO. CURRENT THROUGH 000191 04/30/17

PROFESSION

LEAD INSPECTOR RISK ASSESSOR

EMPLOYER'S COPY

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO. 03-436510

000041

CERTIFICATE NO. CURRENT THROUGH 04/30/17

PROFESSION ASBESTOS CONSULTANT-INSP/MGMT PLANNER

EMPLOYER'S COPY

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

VALIDATION NO. 03-437365

CERTIFICATE NO. 000077

CURRENT THROUGH 04/30/17

PROFESSION

ASBESTOS CONSULTANT-PROJECT MONITOR

EMPLOYER'S COPY

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

MATTHEW A. MYERS

CURRENT THROUGH CERTIFICATE NO.

VALIDATION NO. 03-437366

000058

04/30/17

PROFESSION

ASBESTOS CONSULTANT-PROJECT DESIGNER



Quality Environmental Solutions & Technologies, Inc. 1376 Route 9, Wappingers Falls, NY 12590 Phone (845) 298-6031 Fax (845) 298-6251

HEREBY CERTIFIES THAT

MATTHEW MYERS

SUCCESSFULLY COMPLETED A TRAINING SEMINAR IN: HAS

NYS/EPA INSPECTOR REFRESHER

MEETING THE REQUIREMENTS OF NYSDOH 10 NYCRR, PART 73 AND TSCA TITLE II AND HAS BEEN AWARDED THIS CERTIFICATE



PAUL A. RODRIGUEZ

TRAINING DIRECTOR

Official record of successful completion is DOH 2832 Certificate of Completion of Asbestos Safety Training

DOH 2832 - A \$20 fee shall be charged for replacement of Certificate of Completion DOH 2832

ON THIS DATE: 8/12/2020

CERTIFICATE NUMBER: 862435

EXPIRATION DATE: 8/12/2021



NOTE: Official record of successful completion is DOH 2832 Certificate of Completion of Asbestos Safety Training

Note: DOH 2832 - A \$20 fee shall be charged for replacement of Certificate of Completion DOH 2832

ON THIS DATE: 8/16/2016

CERTIFICATE NUMBER: 762537

EXPIRATION DATE: 8/16/2017

@ GOES 3910

CERT#: L-600-850

CHEMSCOPE TRAINING DIVISION

LEAD INSPECTOR/RISK ASSESSOR REFRESHER

8HOUR TRAINING CERTIFICATE

Matthew Myers

10 Lewis Street, Milford CT

Has attended an 8hour course on the subject discipline on

9/9/2016 and has passed a written examination.

The above individual has successfully completed the above training course approved in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course topics include all required topics of State of Connecticut DPH and EPA.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (U.S.C. 1001 and 15 U.S. C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State or local requirements.

Examination Score: 86%

Exam Date: 9/9/2016

Expiration Date: 9/9/2017

Ronald D. Arena Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
Phone: 203.865.5605
www.chem-scope.com

Litho in U.S.A

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

VALIDATION NO. 03-749831

NAME
RYAN M MURPHY
CERTIFICATE NO. CURRENT THROUGH
000937 04/30/20
PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

CERTIFICATE OF ACHIEVEMENT

This certifies that

Ryan M. Murphy

has successfully completed the
4 Hour Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

conducted by

ATC Group Services LLC 73 William Franks Drive West Springfield, MA 01089 (413) 781-0070

Dregony Morad

SIAR-6497 Certificate Number

January 16, 2020

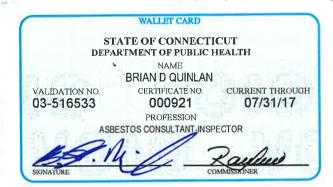
Examination Date

Principal Instructor: Maureen Grissom January 16, 2020

Date of Course

January 16, 2021

Expiration Date



WALLET CARD

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

BRIAN D QUINLAN

VALIDATION NO. 03-516532

000783

CURRENT THROUGH 07/31/17

PROFESSION

ASBESTOS CONSULTANT-PROJECT MONITOR

HONATURE

COMMISSIONER

ATC GROUP SERVICES LLC 104 East 25th Street, New York, NY 10010 (212) 353-8280

certifies that

Brian D. Quinlan

XXXX-XX-XX

(Social Security Number)

Has Successfully Completed the Accredited 4 Hour EPA-AHERA/ASHARA under 40 CFR 763 and the New York State Department of Health Approved Course for

Asbestos Inspector Refresher

March 03, 2017

* Please note that the official record of successful completion is the DOH 2832 Certificate of Asbestos Safety Training.**

This course meets the requirements of TSCA Title II

Certificate#: NYS -RHIIIR-21187 Exam date: 03-03-17 Course Location ATC, NYC

Expiration Date: 03-03-18

Signed: Steve Winograd, Director of Training