

A Service Disabled Veteran Owned Small Business TTI Environmental Incorporated 1253 N. Church Street Moorestown, New Jersey 08057 Tel: 856-840-8800 Fax: 856-840-8815

PROJECT REPORT

for the

ASBESTOS AND LEAD BASED PAINT SURVEY

conducted on

November 24 – 26 & December 12, 2014

at the

Channel Drive Point Pleasant, New Jersey

for

Dewberry 600 Parsippany Road, Suite 301 Parsippany, New Jersey 07054

Project No. 14-1446

January 4, 2014



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1.0 INTRODUCTION

TTI Environmental, Inc. (TTI) was retained by Dewberry to perform an asbestos and lead based paint survey of five (5) buildings on Channel Drive in Point Pleasant, New Jersey on November 24 - 26 & December 12, 2014.

The buildings inspected are located at the following addresses:

• 205 Channel Drive

• 209 Channel Drive

• 205B Channel Drive

• 301 Channel Drive

• 205C Channel Drive

The work performed as part of this project was completed to meet the following objectives:

- 1. Identify regulated ACM (friable or non-friable) at the site that could become friable during the proposed renovation/demolition activities, and according to current State and Federal regulations, would require abatement prior to initiating demolition activities.
- 2. Identify lead-based paint (LBP) surfaces that have the potential to be disturbed during renovation/demolition activities, and if classified as lead-based paint, require abatement and/or special management prior to demolition activities.

This report summarizes the findings of our pre-renovation/demolition hazardous materials survey.



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2.0 SURVEY INFORMATION

The asbestos inspection was performed by United States Environmental Protection Agency (USEPA) Accredited Building Inspectors, William Clark (#ACC-0414-6-0414), Kris Smith (42544) and Curt Sims (#ACC-0214-6-010), who conducted a detailed visual examination of the facility for suspect ACBM. This included collecting bulk samples, as well as quantifying both friable and non-friable suspect asbestos containing materials. The lead-based paint testing was conducted by New Jersey Lead Inspector/Risk Assessors, William Clark (026025) and Curt Sims (026209), which included the testing of suspect lead-based paint coated components with a portable X-Ray Fluorescence spectrum analyzer (XRF). A walk-through reconnaissance of the structure was conducted to identify suspect ACM and Lead-Based Paint.

2.1 ASBESTOS

2.1.1 General Information and Definitions

For the purpose of this assessment, each of the above-identified structures was considered as one functional area as defined by the Asbestos Hazard Emergency Response Act (AHERA). Upon completion of the reconnaissance, the suspect ACM was assessed, inventoried, and sampled for laboratory analysis.

The following definitions apply to this report:

- The EPA defines ACM as any material that contains greater than one percent asbestos. Materials found to contain one percent or less asbestos are not regulated as ACM.
- Friable ACM is defined as any material that contains greater than one percent asbestos, and which can be crumbled, pulverized, or reduced to powder by hand pressure.
- Category I non-friable ACM means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos. Category I non-friable ACM is not allowed to remain in place during renovation or demolition if it is in a condition where the renovation/demolition activities might cause it to become friable.
- Category II non-friable ACM means any material, excluding Category I nonfriable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Category II non-friable ACM is not allowed to remain in place during renovation or demolition if it has a high probability of becoming crumbled, pulverized, or reduced to a powder during renovation, demolition, transport, or disposal.



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2.0 SURVEY INFORMATION (CONTINUED)

2.1 ASBESTOS - CONTINUED

2.1.2 Results

Laboratory analysis of the suspect materials revealed that seventeen (17) of the materials sampled have an asbestos content of greater than one percent (1%). A complete summary of the materials sampled can be found in Appendix B. The US Environmental Protection Agency (EPA) defines asbestos-containing materials as those materials that contain greater than 1% asbestos.

Table 1.	0: List of Asbestos-Containing Ma	terials	
Material	Location	Estimated Quantities	% Asbestos
	205 Channel Drive		
9'x9" Black Floor Tile/Mastic	1 st Floor	480 SF	4%
9'x9" Tan Floor Tile/Mastic	1 st Floor	480 SF	4%
	205B Channel Drive		
Transite Shingles	Outside	625 SF	20%
Chimney Flashing	Outside	960 SF	20%
9'x9" Red Floor Tile/Mastic	Living Area	480 SF	10%
9'x9" Black Floor Tile/Mastic	Living Area	480 SF	8%
Light Green Linoleum/Mastic	Kitchen	480 SF	20%
12'x12" White Floor Tile/Mastic	Bedroom #1	480 SF	3%
12'x12" Multi-Tan Floor Tile/Mastic	Kitchen	480 SF	4%
Wall Separation	Bedroom #2	480 SF	8%
	205C Channel Drive		
12"x12" Tan Floor Tile/Mastic	North Storage	800 SF	2%
12"x12" Green Floor Tile/Mastic	North West Storage	800 SF	2%
	209 Channel Drive		
None of the materials sampled have an asbe structure was unsafe to access and therefore the renovation/demolition activitie		. Any suspicious materi	als identified during
	301 Channel Drive		
Vent/Perimeter Flashing	Outside		12%

The US Environmental Protection Agency (EPA) defines asbestos-containing materials as those materials that contain greater than 1% asbestos.

TTI recommends sampling any materials not identified in this report prior to the commencement of renovation activities that would impact them. Any required abatement activities should be performed by a licensed asbestos abatement contractor and be compliant to all applicable local, state and federal regulations.



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2.0 SURVEY INFORMATION (CONTINUED)

2.1 ASBESTOS - CONTINUED

2.1.2 Results (Continued)

During the inspection, all accessible materials were assessed and bulk sampled, and therefore, included within this inspection report. Voids above ceilings, behind walls, and beneath floors were not assessed, and any concealed materials were not bulk sampled. Due to these conditions, TTI recommends that a qualified person continuously oversee all renovation/demolition activities once they commence. During the renovation/demolition procedures, if a suspicious material is exposed that was previously inaccessible. then all renovation/demolition activities in that area of the building shall immediately The appropriate number of bulk samples shall be collected of the stop. previously unidentified materials and analyzed at a certified laboratory. Once the suspicious materials contents have been confirmed, a decision can be determined of how to proceed. If the material is discovered to be Non Detected for the presence of asbestos, then the renovation/demolition activities may resume as planned. If the material is discovered to be asbestos containing, then a certified and licensed asbestos abatement contractor must be retained to properly handle and dispose of the material according to all applicable local, state and federal regulations.



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2.0 SURVEY INFORMATION (CONTINUED)

2.2 LEAD-BASED PAINT

2.2.1 General Information and Definitions

A visual inspection of all painted surfaces was performed and XRF Testing of all painted surfaces within the facility was conducted. All testing combinations identified within each functional space of the building was assessed and tested. The condition of all painted surfaces was then documented. In addition, concrete floors, walls, and/or ceilings were tested in case the concrete is to be recycled after renovation/demolition.

The Lead-Based Paint inspection consisted of the testing of painted surfaces using a portable X-Ray Fluorescence spectrum analyzer (XRF). The painted building components within the proposed demolition areas were assessed on a room-by-room basis. The XRF used in this inspection was the Niton LLC XLp 300 X-ray Fluorescence analyzer (S/N 81351, NJ License No. 013-E). The XLp 3001 is a spectrum analyzer that provides an on-site lead concentration of a painted surface in milligrams per square centimeter of painted surface (mg/cm²).

Based on current regulatory definitions, lead-based paint is defined as paint containing lead concentrations equal to or greater than 1.0 milligrams per square centimeter (mg/cm2) when using a X-ray Fluorescence analyzer. The XRF provides the measured lead concentration in weight of lead per unit area. Calibration checks of the XRF were frequently conducted and are recorded with the test data included in Appendix F. The test results along with test location, component, substrate, and date, are recorded on the tables in Appendix F. No paint chip sampling or laboratory analysis was performed as part of the sampling activities. Interior sides of the rooms are identified upon the location of the street relative to the facility. Side A faces the street and goes clockwise to Side D.

The HUD Guidelines define Lead-Based Paint, when analyzed by a portable XRF, as paint with a lead concentration of greater than or equal to 1.0 mg/cm^2 . It should be noted, however, that Occupational Safety and Health Administration (OSHA) regulations apply to any detectable concentrations of lead in paint.



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2.0 SURVEY INFORMATION (CONTINUED)

2.2 LEAD-BASED PAINT

2.2.2 Results

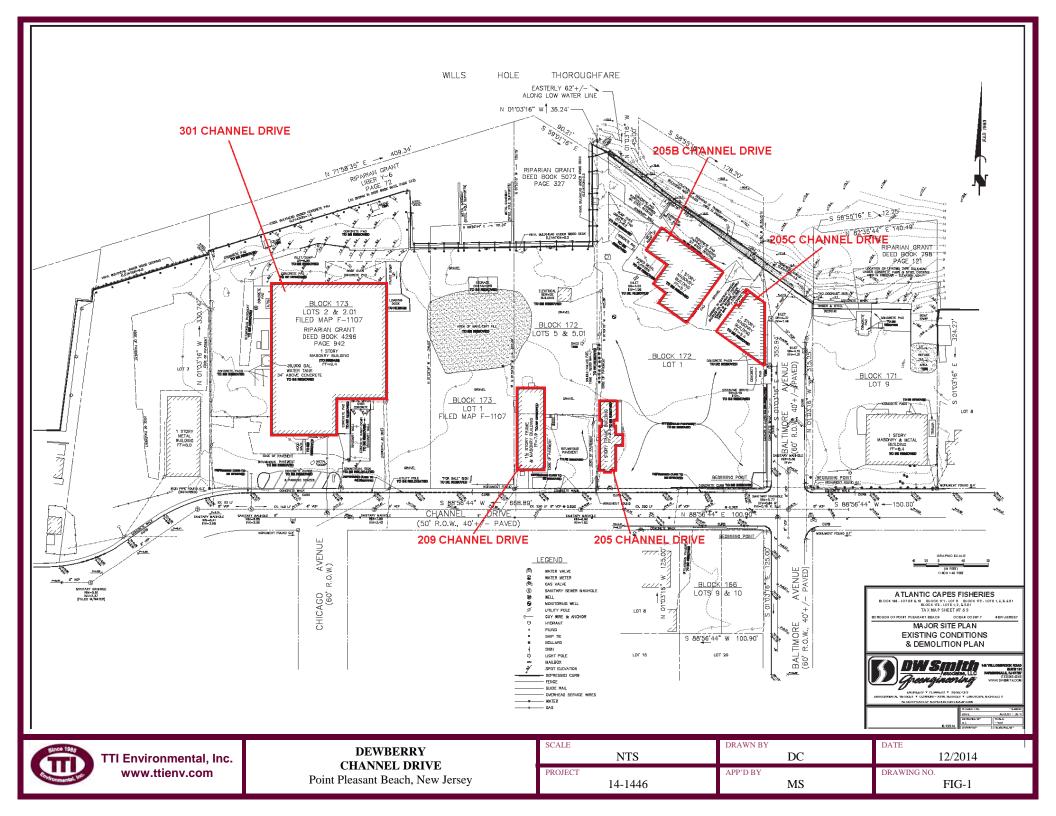
None of the building components tested at the facilities yielded lead concentrations that were greater than or equal to 1.0 mg/cm² and, **based on HUD's definition, should be considered to contain lead based paint unless additional testing of such components determines otherwise. The HUD Guidelines define Lead-Based Paint, when analyzed by a portable XRF, as paint with a lead concentration of greater than or equal to 1.0 mg/cm². Additional testing, including paint chip sampling and laboratory analysis, may serve to confirm or deny the presence of lead-based paint on these components. The results of paint chip sampling and analysis are generally considered to be more reliable than XRF readings. A complete summary of all suspect lead based paint components tested can be found in Appendix F.**

Table 2.0	: Lead-Based Paint Positive	Results Sum	mary	
Location	Structure	Substrate	Color	Lead Reading (mg/cm ²)
	205 Channel Drive			
None of the building components teste	ed at the facilities yielded lead concentrat	ions that were grea	ater than or equal t	to 1.0 mg/cm ²
	205B Channel Drive			
None of the building components teste	ed at the facilities yielded lead concentrat	ions that were grea	ater than or equal t	o 1.0 mg/cm ²
	205C Channel Drive			
None of the building components teste	ed at the facilities yielded lead concentrat	ions that were grea	ater than or equal t	to 1.0 mg/cm ²
	209 Channel Drive			
None of the building components teste	ed at the facilities yielded lead concentrat	ions that were grea	ater than or equal t	to 1.0 mg/cm ²
	301 Channel Drive			
None of the building components teste	ed at the facilities yielded lead concentrat	ions that were grea	ater than or equal t	o 1.0 mg/cm ²



APPENDIX A:

SITE DIAGRAM





APPENDIX B:

ASBESTOS – LIST OF MATERIALS



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List of Materials

Homogeneous No.	s Material Name	Type of Material	Material Contains >1%
205 Channel	Drive		
205-01	Transite Shingles	Miscellaneous	Yes
205-02	Roof Shingles	Miscellaneous	No
205-03	Tar Paper	Miscellaneous	No
205-04	Chimney Flashing	Miscellaneous	Yes
205-05	9"x9" Red Floor Tile/Mastic	Miscellaneous	Yes
205-06	9"x9" Black Floor Tile/Mastic	Miscellaneous	Yes
205-07	Drywall/Spackle	Miscellaneous	No
205-08	Light Green Linoleum	Miscellaneous	Yes
205-09	12"x12" White Floor Tile/Mastic	Miscellaneous	Yes
205-10	12"x12" Multi-Tan Floor Tile/Mastic	Miscellaneous	Yes
205-11	Wall Separation	Miscellaneous	Yes
205B Channe	l Drive		
205B-01	Drywall/Spackle	Miscellaneous	No
205B-R01	Flat Roof	Miscellaneous	No
205B-R02	Roof Flashing	Miscellaneous	No
205B-R03	Shingle Roof	Miscellaneous	No
205C Channe	l Drive		
205C-01	Drywall/Spackle	Miscellaneous	No
205C-02	12"x12" Tan Floor Tile/Mastic	Miscellaneous	No
205C-03	12"x12" Green Floor Tile/Mastic	Miscellaneous	No
205C-04	Transite Panels	Miscellaneous	No
205C-R01	Flat Roof	Miscellaneous	Yes
205C-R02	Roof Flashing	Miscellaneous	Yes
209 Channel	Drive		
209-01	9"x9" Black Floor Tile/Mastic	Miscellaneous	Yes
209-02	9"x9" Tan Floor Tile/Mastic	Miscellaneous	Yes
209-03	Drywall/Spackle	Miscellaneous	No
209-04	Exterior Stucco	Miscellaneous	No
209-05	Flat Roof Field	Miscellaneous	No
209-06	Flat Roof Flashing	Miscellaneous	No
209-07	Flue Patch	Miscellaneous	No



Homogeneou No.	s Material Name	Type of Material	Material Contains >1%
209-08	Roof Shingles	Miscellaneous	No
301 Channel	Drive		
301-01	Drywall/Spackle	Miscellaneous	No
301-02	Plaster Ceiling	Surfacing	No
301-03	Tile Grout	Miscellaneous	No
301-04	Mortar Bed	Miscellaneous	No
301-05	2'x4' Ceiling Tile, Textured	Miscellaneous	No
301-06	Black Mastic on Wall	Miscellaneous	No
301-07	Fiberboard	Miscellaneous	No
301-08	White Linoleum	Miscellaneous	No
301-R01	Flat Roof	Miscellaneous	No
301-R02	Vent/Perimeter Flashing	Miscellaneous	Yes

List of Materials



APPENDIX C:

ASBESTOS – ASBESTOS SUMMARY



Asbestos Summary

Location	Hom No.	<u>Material Name</u>	Amount	t Unit
205 Channel Drive				
Bedroom #1	205-09	12"x12" White Floor Tile/Mastic	100	SF
Bedroom #2	205-11	Wall Separation	40	SF
	205-08	Light Green Linoleum	350	SF
Kitchen	205-10	12"x12" Multi-Tan Floor Tile/Mastic	140	SF
	205-08	Light Green Linoleum	150	SF
	205-06	9"x9" Black Floor Tile/Mastic	80	SF
Living Area	205-06	9"x9" Black Floor Tile/Mastic	65	SF
	205-05	9"x9" Red Floor Tile/Mastic	300	SF
Outside under Siding	205-04	Chimney Flashing	8	SF
	205-01	Transite Shingles	3,300	SF
205C Channel Drive				
Roof	205C-R02	Roof Flashing	270	LF
	205C-R01	Flat Roof	4,500	SF
209 Channel Drive				
1st Floor	209-02	9"x9" Tan Floor Tile/Mastic	400	SF
	209-01	9"x9" Black Floor Tile/Mastic	2,160	SF
301 Channel Drive				
Roof	301-R02	Vent/Perimeter Flashing	700	LF



APPENDIX D:

ASBESTOS – MATERIAL REPORT

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

205-01 – 2B

205-01 - 3B

Homogeneous Material Nam Type of Mate	e:	205-01 Transite Shingles Miscellaneous		Material Asbestos	Contains >1% Yes
Level	Lo	cation		Amount	Units
	Out	side under Siding		3,300	SF
			Total	3,300	SF
		Sampling Da	ita		
Sample	No.	Date of Sampling	Location of Sa	ampling	
205-01 – 1E	5	11/25/14	Outside		•

Outside

Outside

11/25/14

11/25/14

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205-02 Roof Shingles Miscellaneous		Material Asbestos	Contains >1%
Level Lo	cation		Amount	Units
Out	side under Siding		6,000	SF
		Total	6,000	SF
	Sampling Da		6,000	SF
<u>Sample No.</u>	Sampling Date of Sampling			SF
<u>Sample No.</u> 205-02 – 4B	• • • •	ita		SF
	Date of Sampling	Ita <u>Location of Sa</u>		SF

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

205-03 - 8B

205-03 - 9B

Homogeneou Material Nan Type of Mate	ne:	205-03 Tar Paper Miscellaneous		Material Asbestos	Contains >19 No
Level	Lo	cation		Amount	Units
	Out	side under Siding		6,000	SF
			Total	6,000	SF
		Sampling Da	ita		
Sample	e No.	Date of Sampling	Location of Sa	mpling	
205-03 - 7	В	11/25/14	Outside		1

Outside

Outside

11/25/14

11/25/14

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		205-04 Chimney Flashing Miscellaneous		Material Contains >1 Asbestos: Yes	
Level	Lo	cation		Amount	Units
Level		tside under Siding			<i>Units</i> SF

Sampling Data				
Sample No.	Date of Sampling	Location of Sampling		
205-04 - 10B	11/25/14	Outside		
205-04 - 11B	11/25/14	Outside		
205-04 – 12B	11/25/14	Outside		

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		205-05 9"x9" Red Floor Tile/Mastic Miscellaneous		Material Asbestos	Contains >1% : Yes
Level	Loc	cation		Amount	Units
	Livir	ng Area		300	SF
			Total	300	SF
		Sampling Da			
<u>Sampl</u>	<u>e No.</u>	Date of Sampling	Location of Sa	<u>impling</u>	
205-05 – 1	3B	11/25/14	Living Area		
205-05 – 1	4B	11/25/14	Living Area		

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

205-06 - 18B

Homogeneous No: Material Name: Type of Material:		205-06 9"x9" Black Floor Tile/Mastic Miscellaneous		Material Contains >1% Asbestos: Yes	
Level	Lo	cation		Amount	Units
	Kitc	hen		80	SF
	Livi	ng Area		65	SF
			Total	145	SF
		Sampling Da	ita		
<u>Sampl</u>	e No.	Date of Sampling	Location of Sa	mpling	
205-06 - 1	6B	11/25/14	Living Area		
205-06 - 1			0		

Living Area

11/25/14

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous N Material Name Type of Materia	:	205-07 Drywall/Spackle Miscellaneous		Material Asbestos	Contains >1% : No
Level	Loc	cation		Amount	Units
	Bedr	room #1		220	SF
			Total	220	SF
Sample N	<u>No.</u>	Sampling Da	Ita Location of Sa	mpling	
205-07 – 19B		11/25/14	Bedroom #1		
205-07 – 20B		11/25/14	Bedroom #1		
205-07 – 21B		11/25/14	Bedroom #2		

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		205-08 Light Green Linole Miscellaneous	Material Asbestos	Contains >1% : Yes	
Level	Lo	cation		Amount	Units
	Bec	Iroom #2		350	SF
	Kitchen			150	SF
			Total	500	SF
		Sampling Da	ita		
<u>Sampl</u>	e No.	Date of Sampling	Location of Sa	ampling	
205-08 – 2	22B	11/25/14	Kitchen		
205-08 - 2	23B	11/25/14	Kitchen		

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		205-09 12"x12" White Flo Miscellaneous	12"x12" White Floor Tile/Mastic			
Level	Lo	cation		Amount	Units	
	Bec	droom #1		100	SF	
			Total	100	SF	
Samul						
205-09 - 2		Date of Sampling	Location of Sat	mpning		
205-09 - 2		11/25/14	Bedroom #1			
205-09 – 2	7B	11/25/14	Bedroom #1			

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: 205-10 Material Name: 12"x12" Multi-Tar Type of Material: Miscellaneous		Floor Tile/Mastic	Material Asbestos	Contains >1% : Yes	
Level	Lo	cation		Amount	Units
	Kito	chen		140	SF
			Total	140	SF
Sample					
205-10 - 28	BB	11/25/14	Kitchen		
205-10 – 29	B	11/25/14	Kitchen		
205-10 - 30	B	11/25/14	Kitchen		

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

205-11 – 33B

11/25/14

Homogeneous No:205-11Material Name:Wall SeparationType of Material:Miscellaneous			Material Asbestos	Contains >1% Yes	
Level	Lo	cation		Amount	Units
	Bec	lroom #2		40	SF
			Total	40	SF
<u>Sample</u>	<u>No.</u>	Date of Sampling	Location of Sa	mpling	
205-11 – 31	3	11/25/14	Bedroom #2		1
205-11 – 32	3	11/25/14	Bedroom #2		

Bedroom #2

EMEL	EMSL Analytica 200 Route 130 North Cir Phone/Fax: (800) 220-36 http://www.EMSL.com /	naminson, N 875 / (856) 786	6-5974			EMSL Order ID: Customer ID: Customer PO: Project ID:	041434977 TTIE54 016482
1253 No Moorest	ironmental Inc. orth Church Street own, NJ 08057			Phon Fax: Colle Rece Analy	(856) cted: 11/25 ived: 11/25	840-8800 840-8815 /2014 /2014 /2014	
<u></u>	/ Dewberry / 305A Channe ummary Test Report		-			I.A.C. 8:60 and ²	12:120
			VIA EPA 6	00/R-93/11	6	lab Carrata (Dr	041434977-0001
Client Sample ID: Sample Description:	01-1B Outside/Transite shingles					Lab Sample ID:	041434977-0001
TEST	Analyzed Date	Color	Non-As Fibrous N	sbestos on-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Gray	0%	80%	20% Chrysotile		
Client Sample ID: Sample Description:	01-2B Outside/Transite shingles					Lab Sample ID:	041434977-0002
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	ositive (Not Analyzed	{t	
Client Sample ID: Sample Description:	01-3B Outside/Transite shingles					Lab Sample ID:	041434977-0003
TEST	Analyzed Date	Color	Non-As Fibrous N	sbestos	Asbestos	Comment	
PLM	11/29/2014		FIDIOUS N		ositive (Not Analyzed		
				0.0001		Lab Sample ID:	041434977-0004
Client Sample ID: Sample Description:	02-4B Outside/Roof shingles						041434317-0004
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Black	15%	85%	None Detecte		
TEM Grav, Reduction		Black	0.0%	100%	None Detecte		
Client Sample ID: Sample Description:	02-5B Outside/Roof shingles					Lab Sample ID;	041434977-0005
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Black	15%	85%	None Detecte	d	
Client Sample ID: Sample Description:	02-6B Outside/Roof shinales					Lab Sample ID:	041434977-0006
p.o bosonpilon.	Outside/Roof shingles						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	11/30/2014	Gray/Black	15%	85%	None Detecte	d	
Client Sample ID; Sample Description:	03-7B Outside/Tar paper					Lab Sample ID:	041434977-0007
	Associated		Non A-	bestos			
TEST	Analyzed Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Black	60%	40%	None Detecte		
TEM Grav. Reduction		Black	0.0%	100%	None Detecte		



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

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

			VIA EPA O	00/R-93/11	0		
Client Sample ID:	03-8B					Lab Sample ID:	041434977-0008
Sample Description:	Outside/Tar paper						
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	60%	40%	None Detected		
Client Sample ID:	03-9B					Lab Sample ID:	041434977-0009
Sample Description:	Outside/Tar paper						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Ion-Fibrous	Asbestos	Comment	
PLM	11/30/2014	Black	60%	40%	None Detected		
Client Sample ID:	04-10B					Lab Sample ID:	041434977-0010
Sample Description:	Outside/Chimney flashing						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Соттепt	
PLM	11/29/2014	Black	15%	65%	20% Chrysotile		
Client Sample ID:	04-11B				·····	Lab Sample ID:	041434977-0011
Sample Description:	Outside/Chimney flashing						
	outside/onstitutey indshing						
	Алаlyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	Positive (Not Analyzed)		
Client Sample ID:	04-12B					Lab Sample ID:	041434977-0012
Sample Description:							
admpte Beeenperett.	Outside/Chimney flashing						
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	Positive (Not Analyzed)		
Olio et Comolo (D.	05 12P Elect Tile					Lab Sample ID;	041434977-0013
Client Sample ID:	05-13B-Floor Tile	•				Lab Gampie ib.	041404011-0010
Sample Description:	Living area/9x9 red floor tile/N	Aasuc					
	Analyzed		Non-A	sbestos			
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Red	0%	90%	10% Chrysotile		
						Lab Sample ID:	041434977-0013A
Client Sample ID:	05-13B-Mastic					Lap Sample ID:	0-1-10-101 1-00 FUM
Sample Description:	Living area/9x9 red floor tile/N	Aaslic					
	8 h		Nor A	sbestos			
TEST	Analyzed Date	Color		spestos Ion-Fibrous	Asbestos	Comment	
PLM	11/29/2014	00101	, isious l'		Positive (Not Analyzed)		
			· · · · · · · · · · · · · · · · · · ·	0.001		I ah Sam-la ID-	041434977-0014
Client Sample ID:	05-14B-Floor Tile					Lab Sample ID;	041434977-0014
Sample Description:	Living area/9x9 red floor tile/N	Aastic					
TCOT	Analyzed	<u>.</u>		sbestos	A-4 · · ·		
TEST	Date	Color	FIDTOUS N	Ion-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	Positive (Not Analyzed)		



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: 041434977 Customer ID: TTIE54 Customer PO: 016482 Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

Sample Description Living serestive and foot iteMdatic TEST Date Color Fibrous Non-Asbestos Comment PLM 11/29/014 Step Paeliave (Not Analyzed) Lab Sample (D: 0.5158-Floor Tite Lab Sample (D: 0.5158-Floor Tite Lab Sample (D: 0.5158-Floor Tite Lab Sample (D: 0.5158-Floor Tite Comment PL/M Lab Sample (D: 0.5158-Floor Tite 0.41434977-4015A TEST Date Color Fibrous Non-Fabostos Comment PL/M 0.41434977-4015A TEST Date Color Fibrous Non-Fabostos Comment PL/M 0.41434977-4015A Sample Description Living area/bio red floor HeMastic Lab Sample (D: 0.5158-Floor Tite 0.41634977-4015A Comment PL/M 0.41634977-4015A Simple Description Living area/bio red floor HeMastic Simple Paeliave (Not-Asbestos Comment PL/M 0.41634977-4016A FEST Date Color Fibrous Non-Asbestos Comment PL/M 11/29/0714 Biba 0% 92% Biba Comment PL/M 0.41634977-4016A	Client Sample ID:	05-14B-Mastic					Lab Sample ID:	041434977-0014A
TEST Date Color Fibrous Non-Fibrous Abbestos Comment PLM 11/22/2314 Stop Positive (Not Analyzed) Lab Sample (D: 941434977-0015 Clent Sample Description: Lving area/0x9 red floor tilen/dastic Non-Asbestos Asbestos Comment FEST Date Color Fibrous Non-Asbestos Asbestos Comment FLM 11/22/214 Stop Positive (Ncl.Analyzed) 041434977-0015A Stop Positive (Ncl.Analyzed) 041434977-0015A Sample Description: Lving area/0x9 red floor tilen/dastic Non-Asbestos Comment Lab Sample (D: 041434977-0015A Sample Description: Lving area/0x9 red floor tilen/dastic Stop Positive (Ncl.Analyzed) 041434977-0015A Sample Description: Lving area/0x9 diack floor tilen/dastic Stop Positive (Ncl.Analyzed) 041434977-0016A FLM 11/22/2014 Stop Positive (Ncl.Analyzed) 041434977-0016A FLM 11/22/2014 Black 0% 0%1434977-0016A Sample Description: Lving area/0x9 diack floor tilen/dastic Lab Sample (D: 041434977	Sample Description:	Living area/9x9 red floor tile/Ma	stic					
TEST Date Color Fibrous Non-Fibrous Abbestos Comment PLM 11/22/2314 Stop Positive (Not Analyzed) Lab Sample (D: 941434977-0015 Clent Sample Description: Lving area/0x9 red floor tilen/dastic Non-Asbestos Asbestos Comment FEST Date Color Fibrous Non-Asbestos Asbestos Comment FLM 11/22/214 Stop Positive (Ncl.Analyzed) 041434977-0015A Stop Positive (Ncl.Analyzed) 041434977-0015A Sample Description: Lving area/0x9 red floor tilen/dastic Non-Asbestos Comment Lab Sample (D: 041434977-0015A Sample Description: Lving area/0x9 red floor tilen/dastic Stop Positive (Ncl.Analyzed) 041434977-0015A Sample Description: Lving area/0x9 diack floor tilen/dastic Stop Positive (Ncl.Analyzed) 041434977-0016A FLM 11/22/2014 Stop Positive (Ncl.Analyzed) 041434977-0016A FLM 11/22/2014 Black 0% 0%1434977-0016A Sample Description: Lving area/0x9 diack floor tilen/dastic Lab Sample (D: 041434977								
PLM 11/28/2014 Stop Positive (Not Analyzer) Client Sample ID: 05-158-Floor Tite Lab Sample ID: 041434977-0015 Sample Description: Luing area/5x8 ref floor Ule/Mastic Analyzed Non-Asbestos Comment TEST Date Color Fibrous Non-Asbestos Asbestos Comment Client Sample ID: 05-158-Mastic Lab Sample ID: 041434977-0015A Sample ID: 041434977-0015A Client Sample ID: 05-158-Mastic Lab Sample ID: 041434977-0015A Sample ID: 041434977-0015A Client Sample ID: 05-158-Mastic Lab Sample ID: 041434977-0015A Sample ID: 041434977-0015A Client Sample ID: 05-158-Mastic Stop Positive (Not Analyzer) Lab Sample ID: 041434977-0015A Client Sample ID: 05-158-Mastic Stop Positive (Not Analyzer) Lab Sample ID: 041434977-0015A Client Sample ID: 05-158-Mastic Stop Positive (Not Analyzer) Lab Sample ID: 041434977-0016A Client Sample ID: 05-158-Mastic Color Fibrous Non-Fibrous Asbestos Comment	TF07		Calaa			A shootes	Commont	
Citert Sample ID: D5:158.Floor Tile Lab Sample ID: 041434977-0015 Sample Description: Luing areal/sol red foor tile/Mastic Non-Asbestos Comment PLM 11/28/2014 Stop Positive (Not Analyzed) Lab Sample ID: 041434977-0015A Citerst Sample ID: 05-158.Mastic Lab Sample ID: 041434977-0015A Sample Description: Living areal/sol red foor tile/Mastic Lab Sample ID: 041434977-0015A Sample Description: Living areal/sol red foor tile/Mastic Lab Sample ID: 041434977-0015A Sample Description: Living areal/sol red foor tile/Mastic Stop Positive (Not Analyzed) Comment FEST Date Color Fibrous Non-Asbestos Comment FLM 11/28/2014 Stop Positive (Not Analyzed) Color Color Citent Sample D: 06-168-Mostic Lab Sample ID: 041434977-0016 Sample Description: Living areal/sol black thoor tile/Mastic Color Fibrous Non-Asbestos TEST Date Color Fibrous Asbestos Comment FLM 11/28/2014 Stop Positive (Not Analyzed) Ottal 434977-0016A Sample D: 06-168-Mostic Lab Sample ID: 041434977-0016A Sample D: 06-168-Mosti			Color	FIDTOUS NOI-			Completit	
Analyzed TEST Date Date Color Fibrous Non-Asbestos Comment FLM 11/29/2014 Stop Positive (No1 Analyzed) Lab Sample D: 041434977-0015A Sample Description: Living area/3x0 red foor tile/Mastic Lab Sample D: 041434977-0015A Sample Description: Living area/3x0 red foor tile/Mastic Non-Asbestos Comment FEST Date Color Fibrous Non-Asbestos FLM 11/28/2014 Stop Positive (No1 Analyzed) 041434977-0016 Sample Description: Living area/3x0 red foor tile/Mastic Lab Sample D: 041434977-0016 Sample Description: Living area/3x0 black floor tile/Mastic Lab Sample D: 041434977-0016 Sample Description: Living area/3x0 black floor tile/Mastic Lab Sample D: 041434977-0016 Sample Description: Living area/3x0 black floor tile/Mastic Lab Sample D: 041434977-0016 Sample Description: Living area/3x0 black floor tile/Mastic Lab Sample D: 041434977-0016 Sample Description: Living area/3x0 black floor tile/Mastic Lab Sample D: 041434977-0017A <t< td=""><td></td><td></td><td></td><td></td><td>00011</td><td>Usitive (NOT Analyzed)</td><td></td><td>044404077-0046</td></t<>					00011	Usitive (NOT Analyzed)		044404077-0046
Analyzed Non-Asbestos Comment FIM 11/28/2014 Stop Positive (Not Analyzed) 041434977-0015A Grient Sample Description: Livia paradixe and for tite/Mastic Lab Sample Description: Uning analyzed Non-Asbestos Comment 041434977-0015A Sample Description: Livia paradixe and for tite/Mastic Asbestos Comment Comment <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Lab Sample ID:</td> <td>041434977-0015</td>	•						Lab Sample ID:	041434977-0015
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TEST Date Color Fibrous Non-Fibrous Abbestos Comment PLM 11/29/2014 Stop Positive (Not Analyzed) Lab Sample D: 041434977-0015A Sample Description: Living area/9x9 red floor tile/Mastic Non-Asbestos Comment Lab Sample D: 041434977-0015A TEST Date Color Fibrous Non-Asbestos Comment Color Clent Sample D: 06-168-Koor Tile Stop Positive (Not Analyzed) Comment Comment TEST Date Color Fibrous Non-Asbestos Comment Color Sample Description: Living area/9x9 black floor tile/Mastic Stop Positive (Not Analyzed) Odd 1434977-0016 Sample Description: Living area/9x9 black floor tile/Mastic Non-Asbestos Comment Comment TEST Date Color Fibrous Non-Asbestos Comment Comment FLM 11/29/2014 Black Non-Asbestos Comment Living area/9/9/1016 041434977-0016 Sample Description: Living area/9/9/9/104x floor Tile<		Analyzed		Non-Ashe	stos			
Client Sample ID: 05-15B-Mastic Lab Sample ID: 041434977-0015A Sample Description: Living areal%x6 red floor tile/Mastic Non-Asbestos Comment TEST Date Color Fibrous Non-Asbestos Comment PLM 11/25/2014 Stop Positive (Natalyzed) 041434977-0015 Client Sample ID: 08-16B-Floor Tile Lab Sample ID: 041434977-0015 Sample Description: Living areal%x6 black tioor tile/Mastic Non-Asbestos Comment PLM 11/25/2014 Black 0% 92% 8% Chrysofile Client Sample ID: 08-16B-Hoor Tile Lab Sample ID: 041434977-0016A Sample Description: Living area8x6 black thoor tile/Mastic Lab Sample ID: 041434977-0016A FEST Date Color Fibrous Non-Asbestos Comment FUM 11/29/2014 Black 0% 92% 8% Chrysofile Client Sample ID: 06-16B-Mastic Lab Sample ID: 041434977-0016A Sample Description: Living area8x6 black floor tile/Mastic Lab Sample ID: 041434977-0016A Client Sample ID: 06-17B-Floor Tile Lab Sample ID: 041434977-0017 Sample Description: Living area8/3x6 black floor tile/Mastic Lab Sa	TEST	=	Color			Asbestos	Comment	
Sample Description: Luing areal/skyl red floor tile/Mastic TEST Date Color Fibrous Non-Asbestos Comment PLM 11/29/2014 Stop Positive (Not Analyzed) Lab Sample ID: 041434977-0016 Crient Sample ID: 08-168-Floor Tile Lab Sample ID: 041434977-0016 Sample Description: Luing area/skyl black floor tile/Mastic Color Fibrous Non-Asbestos TEST Date Color Fibrous Non-Asbestos Comment PLM 11/29/2014 Black 0% 92% 8% Chrysotile 041434977-0016A Sample Description: Uning area/skyl black floor tile/Mastic Lab Sample ID: 041434977-0016A Sample Description: Luing area/skyl black floor tile/Mastic Lab Sample ID: 041434977-0016A Sample Description: Luing area/skyl black floor tile/Mastic Lab Sample ID: 041434977-0017A Sample Description: Luing area/skyl black floor tile/Mastic Lab Sample ID: 041434977-0017A Sample Description: Luing area/skyl black floor tile/Mastic Lab Sample ID: 041434977-0017A	PLM	11/29/2014			Stop P	ositive (Not Analyzed)	·····	
Sample Description: Living area/skyd red foor tile/Mastic TEST Date Color Fibrous Non-Asbestos Comment PLM 11/28/2014 Stop Positive (Not Analyzed) Od1434977-0016 Cener Sample Dic: 06-168-Floor Tile Lab Sample Dic: Od1434977-0016 Sample Description: Living area/sky black floor tile/Mastic Asbestos Comment TEST Date Color Fibrous Non-Asbestos Comment TEST Date Color Fibrous Non-Asbestos Comment	Client Sample ID:	05-15B-Mastic					Lab Sample ID:	041434977-0015A
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TESTDateColorFibrousNon-FibrousAsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)Client Sample ID:06-17B-Floor TileLab Sample ID:041434977-0017Sample Description:Living area/9x9 black floor tile/MasticNon-AsbestosCommentTESTDateColorFibrousNon-FibrousAsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)041434977-0017AClient Sample ID:06-17B-MasticLab Sample ID:041434977-0017ASample Description:Living area/9x9 black floor tile/MasticLab Sample ID:041434977-0017ATESTDateColorFibrousNon-AsbestosCommentTESTDateColorFibrousNon-AsbestosCommentTESTDateColorFibrousNon-AsbestosCommentTESTDateColorFibrousNon-AsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)ColorVon-AsbestosTESTDateColorFibrousNon-AsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)Von-AsbestosColorTESTDateColorFibrousNon-AsbestosColorSample ID:06-18B-Floor TileLab Sample ID:041434977-0018Sample Description:Living area/9x9 black floor tile/MasticLab Sample ID:041434977-0018Sample Description:Til/29/2014Stop Positive (Non-AsbestosCo	Sample Description:	Living area/9x9 black floor tile/N	lastic					
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TESTDateColorFibrousNon-FibrousAsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)Client Sample ID:06-17B-MasticLab Sample ID:041434977-0017ASample Description:Living area/9x9 black floor tile/MasticNon-AsbestosCommentTESTDateColorFibrousNon-FibrousAsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)CommentCommentClient Sample ID:06-18B-Floor TileLab Sample ID:041434977-0018Sample Description:Living area/9x9 black floor tile/MasticLab Sample ID:041434977-0018Sample Description:Living area/9x9 black floor tile/MasticLab Sample ID:041434977-0018TESTDateColorFibrousNon-AsbestosCommentTESTDateColorFibrousNon-AsbestosComment								
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TESTDateColorFibrousNon-FibrousAsbestosCommentPLM11/29/2014Stop Positive (Not Analyzed)Client Sample ID:06-18B-Floor TileLab Sample ID:041434977-0018Sample Description:Living area/9x9 black floor tile/MasticNon-AsbestosValueTESTDateColorFibrousNon-FibrousAsbestos	Sample Description:	Living area/9x9 black floor tile/N	lastic					
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TEST Date Color Fibrous Non-Fibrous Asbestos Comment	sample Description:	Living area/9x9 black floor tile/N	lastic					
TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Analyzad		Non Asha	etoe			
	TEST	•	Color			Asbestos	Comment	



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: 041434977 Customer ID: TTIE54 Customer PO: 016482 Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID:	06-18B-Mastic					Lab Sample ID:	041434977-0018A
Sample Description:	Living area/9x9 black floor t	ile/Mastic					
TEOT	Analyzed	Calar		Asbestos	A = b = = t = =	Commont	
TEST PLM	Date 11/29/2014	Color	Fibrous	Non-Fibrous	Asbestos Positive (Not Analyzed)	Comment	
				Stop i	FOSITIVE (NOT Analyzed)		
Client Sample ID:	07-19B					Lab Sample ID:	041434977-0019
Sample Description:	Bedroom #1/Drywall/spackl	ing					
	Augusta 1		Nau	A _ L L			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/Gray	15%	85%	None Detected		
		0.0,				Lab Samala ID:	041434977-0020
Client Sample ID:	07-20B					Lab Sample ID:	041434977-0020
Sample Description;	Bedroom #1/Orywall/spack	ing					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/Gray	15%	85%	None Detected		
	07-21B			·····		Lab Sample ID:	041434977-0021
Client Sample ID:						Lab Gampie iD.	041404071-0021
Sample Description:	8edroom #2/Drywal/spackl	ing					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/30/2014	Brown/Gray	15%	85%	None Detected		
Client Sample ID:	08-22B-Linoleum			· · · · · ·		Lab Sample ID:	041434977-0022
Sample Description:							
	Kitchen/Lt green linoleum						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Green	0%	80%	20% Chrysotile		
Client Sample ID:	08-22B-Mastic					Lab Sample ID:	041434977-0022A
Sample Description:	Kitchen/Lt green linoleum						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop I	Positive (Not Analyzed)		
Client Sample ID:	08-23B-Linoleum					Lab Sample ID:	041434977-0023
Sample Description:	Kitchen/Lt green linoleum						
	3						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	<u></u>
PLM	11/29/2014			Stop I	Positive (Not Analyzed)		
Client Sample ID;	08-23B-Mastic					Lab Sample ID:	041434977-0023A
Sample Description:	Kitchen/Lt green linoleum						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
	11/29/2014			~ ~ ~	Positive (Not Analyzed)		



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID:	08-248-Linoleum					Lab Sample ID:	041434977-0024
Sample Description:	Kitchen/Lt green linoleum						
	Analyzed			Asbestos		_	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	08-248-Mastic					Lab Sample ID:	041434977-0024A
Sample Description:	Kitchen/Lt green linoleum						
	Analyzed			Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	09-258-Floor Tile					Lab Sample ID:	041434977-0025
Sample Description;	Bedroom #1/12x12 floor tile wh	nite					
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	0%	97%	3% Chrysotile		
Client Sample ID:	09-258-Mastic					Lab Sample ID:	041434977-0025A
Sample Description:	Bedroom #1/12x12 floor tile wh	nite					
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	09-26B-Floor Tile					Lab Sample ID:	041434977-0026
Sample Description:	Bedroom #1/12x12 floor tile wh	nite					
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	09-26B-Mastic					Lab Sample ID:	041434977-0026A
Sample Description:	Bedroom #1/12x12 floor tile wh	nite					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	09-27B-Floor Tile				······	Lab Sample ID:	041434977-0027
Sample Description:	Bedroom #1/12x12 floor tile wh	nite					
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	09-27B-Mastic					Lab Sample ID:	041434977-0027A
Sample Description:	Bedroom #1/12x12 floor tile wh	nite					
,,	_celsen a strate noos die wi						
				A			
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID:	10-28B-Floor Tile	Lab Sample ID:	041434977-0028				
Sample Description:	Kitchen/12x12 floor tile multi ta	n/mastic					
	Analyzed		Non-A				
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Tan	0%	96%	4% Chrysotile		
Client Sample ID:	10-28B-Mastic					Lab Sample ID;	041434977-0028A
Sample Description:	Kitchen/12x12 floor tile multi ta	n/mastic					
	Analyzed			sbestos		_	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	Positive (Not Analyzed)		
Client Sample ID;	10-29B-Floor Tile					Lab Sample ID:	041434977-0029
Sample Description:	Kitchen/12x12 floor tile multi ta	n/mastic					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	Positive (Not Analyzed)		
Client Sample ID:	10-29B-Mastic					Lab Sample ID;	041434977-0029A
Sample Description:	Kitchen/12x12 floor tile multi ta	n/mastic					
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop F	ositive (Not Analyzed)		
Client Sample ID:	10-30B-Floor Tile					Lab Sample ID:	041434977-0030
onom oumprond.							
Sample Description:	Kitchen/12x12 floor tile multi ta	n/mastic					
-		n/mastic					
-		n/mastic	Non-A	sbestos			
-	Kitchen/12x12 floor tile multi ta	n/mastic Color		sbestos Non-Fibrous	Asbestos	Comment	
Sample Description:	Kitchen/12x12 floor tile multi ta Analyzed			Non-Fibrous	Asbestos Positive (Not Analyzed)	Comment	
Sample Description: TEST	Kitchen/12x12 floor tile multi ta Analyzed Date			Non-Fibrous		Comment	041434977-0030A
Sample Description: TEST PLM	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014	Color		Non-Fibrous			041434977-0030A
Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic	Color		Non-Fibrous			041434977-0030A
Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic	Color	Fibrous	Non-Fibrous			041434977-0030A
Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta	Color	Fibrous Non-/	Non-Fibrous Stop F			041434977-0030A
Sample Description: TEST PLM Client Sample ID: Sample Description:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed	Color n/mastic	Fibrous Non-/	Non-Fibrous Stop F Isbestos Non-Fibrous	Positive (Not Analyzed)	Lab Sample ID:	041434977-0030A
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date	Color n/mastic	Fibrous Non-/	Non-Fibrous Stop F Isbestos Non-Fibrous	Positive (Not Analyzed) Asbestos	Lab Sample ID:	041434977-0030A
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B	Color n/mastic	Fibrous Non-/	Non-Fibrous Stop F Isbestos Non-Fibrous	Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014	Color n/mastic	Fibrous Non-/	Non-Fibrous Stop F Isbestos Non-Fibrous	Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B	Color n/mastic	Fibrous Non-A Fibrous	Non-Fibrous Stop F Isbestos Non-Fibrous	Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B Bedroom #2/Wall separation	Color n/mastic	Fibrous Non-A Fibrous Non-A	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B Bedroom #2/Wall separation Analyzed	Color n/mastic Color	Fibrous Non-A Fibrous Non-A	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos Positive (Not Analyzed)	Lab Sample ID: Comment Lab Sample ID:	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM PLM	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-318 Bedroom #2/Wall separation Analyzed Date 11/29/2014	Color n/mastic Color Color	Fibrous Non-/ Fibrous Non-/ Fibrous	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment Lab Sample ID:	
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B Bedroom #2/Wall separation Analyzed Date 11/29/2014 11-32B	Color n/mastic Color Color	Fibrous Non-/ Fibrous Non-/ Fibrous	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041434977-0031
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM PLM	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-318 Bedroom #2/Wall separation Analyzed Date 11/29/2014	Color n/mastic Color Color	Fibrous Non-/ Fibrous Non-/ Fibrous	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041434977-0031
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-318 Bedroom #2/Wall separation Analyzed Date 11/29/2014 11-328 Bedroom #2/Wall separation	Color n/mastic Color Color	Fibrous Non-/ Fibrous Non-/ Fibrous 0%	Non-Fibrous Stop F Asbestos Non-Fibrous Stop F Asbestos Non-Fibrous 92%	Positive (Not Analyzed) Asbestos Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041434977-0031
Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 10-30B-Mastic Kitchen/12x12 floor tile multi ta Analyzed Date 11/29/2014 11-31B Bedroom #2/Wall separation Analyzed Date 11/29/2014 11-32B	Color n/mastic Color Color	Fibrous Non-/ Fibrous Non-/ Fibrous 0%	Non-Fibrous Stop F Isbestos Non-Fibrous Stop F	Positive (Not Analyzed) Asbestos Positive (Not Analyzed) Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041434977-0031



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	11-338					Lab Sample ID:	041434977-0033
Sample Description:	Bedroom #2/Wall separation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014						
Client Sample ID:	03-08-Grout					Lab Sample ID:	041434977-0033A
Sample Description:	Bedroom #2/Wall separation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/30/2014	Gray	0%	100%	None Detected	Sample not includ	ed on COC
Client Sample ID:	03-08-Mastic					Lab Sample ID:	041434977-0033B
Sample Description:	8edroom #2/Wall separation						
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/30/2014	Yellow	0%	100%	None Detected	Sample not includ	ed on COC
TEM Grav. Reduction	12/02/2014	Yellow	0.0%	100%	None Detected		

Analyst(s):

Jillian Yurick PLM (5) Joseph Quiles PLM (14) Ted Young TEM Grav. Reduction (3)

Reviewed and approved by:

Seered the -

Stephen Siegel, CIH, Laboratory Manager or Other Approved Signatory

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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

Initial report from: 12/01/201406:57:07

Test Report:EPAMultiTests-7.32.2.e Printed: 12/02/2014 11:06AM

70# 016482 1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815

E-MAIL ALL RESULTS AND COC TO:Ih-lablab@ttienv.com

	Ox Jim Guilardi XMichael Stocku	DATE:1(]25/14	Sample Container	BAGIC	~			-					C 	INM NOV	ъс.С Ел А.М. 25	LIV ISL NSO PM		IJ 44			→	und Stop At First Positive		n eacn nomogeneous	aterial for TEM analysis, sing material from other	iroup. (Initials 🕊)
Data and Chain of Custody Record	TTI PROJECT MANAGER:	FACILITY: 2205 CMANNEL AVE	Material Description	Transite shinsles		*	Roof shingles		*	The FADE	-	→	Chimner Flashins			L'IVING Area grander Frankric		->	9x4 BIALL FT MASSIC		→ →	Time PO No An Hour Turnaround	12.863.84	k Fertorm /EM analysis of 1. sample in each nomogeneous group (Initials OK)	For NOB samples with insufficient material for TEM analysis, please benform composite analysis using material from other	samples in the same homogeneous group. (Initials de)
d Ch		FAC						· .								Ara						Date	Date			
2	CLIENT: Dewberry	CLIENT CONTACT:	Sample Location	X												1 mastichiling has	•		KI MASKIC		>	Received by: (Signature)	Received by: (Signature)			
PLM Sampling	T: De	CLIENT	Sample	ourside											->	L.		\rightarrow	-Vile		->	Time	Time			
PLM	CLIEN'	ws		0 0												9X9 EF. 73-04		*	9x9 EZ BIALK			Date Mec 1,11	Date			
	4.1446	2 Ack Isi																				: (Signature)	: (Signature)			
A NAME AND A DESCRIPTION OF A DESCRIPTIO	PROJECT #: 14.1446	SAMPLER(S): C) ACK S, MS	Sample #	Ol-18	01-28	CI-30	02-43	02-58	02.63	03-7-B	03-6 B	03.9 R	04-10 3	04·11 B	04.12 8	C5: 13 B	05 · 14 B	02.13 8	06163	06.17 8	ଟ ମି- ୨୦	Relinquished by: (Signature)	Relinquished by			

TO:ih-lablab@ttienv.com	Ox Jim Gullardi	DATE:91/25/14	Sample Container	Tang ic										(IN:A) NOU		IVEG SL SON, PN 1	÷1,4	around 🔀 Stop At First Positive	le in each homogeneous K t material for TEM analysis, is using material from other us group (Initials SC 24)
アロサ ロルロチョン Environt RESULTS AND COC TO:In-lablab@ttienv.com ata and Chain of Custody Record	TTI PROJECT MANAGER:	FACILITY: JOS - Channel Ave	Material Description	Drywall SPACKLINS	-	->	LT. Green Linoleum			IZXIZFT. White		->	12X12 FT. MULTI TAN IMASTIC		WALL SEPARATION		->		Date Time PO No. Thour Turnaround	Date Time NOB MATERIALS Perform TEM analysis of 1 st sample in each homogeneous Perform TEM analysis of 1 st sample in each homogeneous Provide the samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (Initials wc. 24)
1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815 PLM Sampling Data and	CLIENT: Dewberry	Sime CLIENT CONTACT:	Sample Location	Bedroom # 1	#	↓ #2	Kitchen		~	Bedroom #1		~	Kitchen		Redroom #2		· ·		Date Time Received by: (Signature)	Date Time Received by: (Signature)
1253 North C 856-840-880	PROJECT #: 4 .)446	SAMPLER(S):C) Act S	1	07.19.70	C7. 20B	07. 21 8	. 22	06- 23 Q	l .	09.25 8	09.26 B	09.273	10-28B		11-310	5	11-330		Relinquished by: (Signature)	Relinquished by: (Signature)

Client:	Dewberry
Facility:	205 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205B-01 Drywall/Spackle Miscellaneous		Material Asbestos	Contains >1% No
Level 1	Location		Amount	Units
r	North Center Storage		100	SF
		Total	100	SF
	Sampling Da	ata		
<u>Sample No.</u>	Date of Sampling	Location of Sa	ampling	
05B-01 – 1B	11/26/14	SW Wall North Ce	nter Storage	•
05B-01 – 2B	11/26/14	SW Wall North Ce	nter Storage	

Client:	Dewberry
Facility:	205B Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous Material Name Type of Materi	: Fla	5 B-R01 t Roof scellaneous		Material Asbestos	Contains >1% : No
Level	Location			Amount	Units
	Roof			1,600	SF
			Total	1,600	SF
	Sa	mpling Da	ata		
Sample N	<u>No.</u> Date	of Sampling	Location of Sam	<u>pling</u>	
5B-R01 – 01		12/12/14	North Side Center		
		12/12/14	North West Section		
5B-R01 – 02		12/12/14			

Client:	Dewberry
Facility:	205B Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205B-R02 Roof Flashing Miscellaneous		Material Asbestos	Contains >1% No
Level Lo	ocation		Amount	Units
Ro	pof		600	LF
		Total	600	LF
	Sampling Da	ata		
Sample No.	Date of Sampling	Location of Sa	<u>mpling</u>	
5B-R02 - 04	12/12/14	North Side Center F	Perimeter	
5B-R02 - 05	12/12/14	North Side of Ice He	ouse Perimeter	

Client:	Dewberry
Facility:	205B Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205B-R03 Shingle Roof Miscellaneous		Material Asbestos	Contains >1% No
Level L	ocation		Amount	Units
R	oof		3,300	SF
		Total	3,300	SF
	Sampling Da	ata		
<u>Sample No.</u>	Date of Sampling	Location of Sa	mpling	
5B-R03 – 07	12/12/14	Ice House Shingle	Roof	1
5B-R03 - 08	12/12/14	East Side Center S	loped Roof	
5B 1100 00			•	



EMSL Order: 041435141 CustomerID: TTIE54 CustomerPO: 016482 ProjectID:

Attn:	Results TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: Fax: Received: Analysis Date: Collected:	(856) 840-8800 (856) 840-8815 11/26/14 2:45 PM 12/1/2014 11/26/2014
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Project: 14-1446 / Dewberry / 305B Channel Ave.

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				<u>Non-Ast</u>	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
01-01B-Drywall	SW Wall / North	Brown/White	45%	Cellulose	50% Non-fibrous (other)	None Detected
041435141-0001	Center Storage - Drywall / JC	Fibrous Homogeneous	5%	Glass		
01-01B-Spackle	SW Wall / North	White			100% Non-fibrous (other)	None Detected
041435141-0001A	Center Storage - Drywall / JC	Non-Fibrous Homogeneous				
01-02B-Drywall	SW Wall / North	Brown/White	30%	Cellulose	65% Non-fibrous (other)	None Detected
041435141-0002	Center Storage - Drywall / JC	Fibrous Homogeneous	5%	Glass		
01-02B-Spackle	SW Wall / North	White			100% Non-fibrous (other)	None Detected
041435141-0002A	Center Storage - Drywall / JC	Non-Fibrous Homogeneous				

Analyst(s)

Erica Valent (2) Jillian Yurick (2)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

1

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Initial report from 12/01/2014 06:49:11

253 North Church Street, Moorestown, NJ 08057 PO# 016482 36-840-8800 Fax 856-840-8815

E-MAIL ALL RESULTS AND COC TO:ih-lablab@ttienv.com

Recor	
Custody Recor	
Chain of	
Data and	
PLW Sampling Data and Chain of Custody	

A DEVENUES	PLN	PLM Sampling Data and	Chain of Custody Record	
PROJECT #: $/ orall ~/$	MAG CLIENT:	: DENDERRY	TTI PROJECT MANAGER:	Ox, lim Guilardi Ø Michael Stocku
SAMPLER(S):	1. N. J.	CLIENT CONTACT:	FACILITY: 2098 / DAR / AVE	DATE: 1//26/14
Sample #		Sample Location	Material Description	Sample Container
51-10	1/+10 MJ	Net Cold Free	Jryw/// 00k	1. V. V.
1 2 B		North Center Store	11 / 12/	
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				ј. ЦЪ
		у. у са ма на учите на полна по		
Relinquished by: (Sig	(Signature) Date	Time Received by: (Signature)	Date Time Polyo. 0/6432 72 Hour Turnaround	round 🔲 Stop At First Positive
Relinquished by: (Signature)	jnature) Date	Time Received by: (Signature)	Date Time NOB MATERIALS: Image: Construction of the second of the secon	e in each homogeneous
			For NOB samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (initials	material for TEM analysis, s using material from other s group. (Initials)
		•		



 200 Route 130 North, Cinnaminson, NJ 08077

 Phone/Fax:
 (800) 220-3675 / (856) 786-5974

 http://www.EMSL.com
 cinnasblab@EMSL.com

EMSL Order: 041436571 CustomerID: TTIE54 CustomerPO: 016594 ProjectID:

Attn:	Michael Stocku TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: Fax: Received: Analysis Date: Collected:	(856) 840-8800 (856) 840-8815 12/12/14 4:30 PM 12/13/2014 12/12/2014
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Project: 14-1446 / Dewberry / 205-B Channel Drive

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asl	<u>pestos</u>	<u>Asbestos</u>	
Sample	Description	Appearance %		Fibrous	% Non-Fibrous	% Түре	
01-01-Tar	North Side	Black			100% Non-fibrous (other)	None Detected	
041436571-0001	Center - Flat Roof	Non-Fibrous Homogeneous					
01-01-Tar Felt	North Side	Black	40%	Glass	60% Non-fibrous (other)	None Detected	
041436571-0001A	Center - Flat Roof	Fibrous Homogeneous					
01-01-Felt	North Side Center - Flat Roof	Brown	90%	Cellulose	10% Non-fibrous (other)	None Detected	
041436571-0001B		Fibrous Homogeneous					
01-02	North/West Section - Flat Roof	Black	5%	Synthetic	95% Non-fibrous (other)	None Detected	
041436571-0002		Non-Fibrous Homogeneous					
01-03-Shingle	South Side	Black	20%	Glass	80% Non-fibrous (other)	None Detected	
041436571-0003	Center (Canopy) - Flat Roof	Fibrous Homogeneous					
01-03-Flashing	South Side	Black	5%	Synthetic	90% Non-fibrous (other)	None Detected	
041436571-0003A	Center (Canopy) - Flat Roof	Fibrous Homogeneous	5%	Glass			
01-03-Insulation	South Side	Brown	90%	Cellulose	10% Non-fibrous (other)	None Detected	
041436571-0003B	Center (Canopy) - Flat Roof	Fibrou s Homogeneous					
02-04-Flashing	North Side Center	Black	15%	Glass	85% Non-fibrous (other)	None Detected	
041436571-0004	Perimeter - Roof Flashing	Non-Fibrous Homogeneous					

Analyst(s)

Felix Anusiem (15) Matthew Carralero (8)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Project: 14-1446 / Dewberry / 205-B Channel Drive

EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com cinnasblab@EMSL.com EMSL Order: 041436571 CustomerID: TTIE54 CustomerPO: 016594 ProjectID:

Attn:	Michael Stocku TTI Environmental Inc.	Phone: Fax:	(856) 840-8815 ived: 12/12/14 4:30 PM
	1253 North Church Street Moorestown, NJ 08057	Received:	12/12/14 4:30 PM
		Analysis Date:	12/13/2014
		Collected:	12/12/2014

Test Report: Ashestos Analysis of Bulk Materials via EPA 600/R-93/116

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				<u>Non-As</u>	<u>bestos</u>	<u>Asbestos</u>	
Sample	Description Appearance		% Fibrous % Non-Fibrous		% Non-Fibrous	% Туре	
02-04-Tar	North Side Center	Black			100% Non-fibrous (other)	None Detected	
041436571-0004A	Perimeter - Roof Flashing	Non-Fibrous Homogeneous					
02-04-Felt	North Side Center	Brown	80%	Cellulose	20% Non-fibrous (other)	None Detected	
041436571-0004B	Perimeter - Roof Flashing	Fibrous Homogeneous					
02-05-Flashing	North Side Of Ice	Black			100% Non-fibrous (other)	None Detected	
041436571-0005	House Perimeter - Roof Flashing	Non-Fibrous Homogeneous					
02-05-Tar	North Side Of Ice	Black			100% Non-fibrous (other)	None Detected	
041436571-0005A	House Perimeter - Roof Flashing	Non-Fibrous Homogeneous					
02-05-Tar Felt	North Side Of Ice	Black	35%	Glass	65% Non-fibrous (other)	None Detected	
041436571-0005B	House Perimeter - Roof Flashing	Fibrous Homogeneous					
02-05-Feit	North Side Of Ice	Brown	80%	Cellulose	20% Non-fibrous (other)	None Detected	
041436571-0005C	House Perimeter - Roof Flashing	Fibrous Homogeneous					
02-06-Flashing	South Side	Black	10%	Glass	90% Non-fibrous (other)	None Detected	
041436571-0006	Canopy Perimeter - Roof Flashing	Fibrous Homogeneous					

Analyst(s)

Felix Anusiem (15) Matthew Carralero (8)

Siegel

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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EMSL Order: 041436571 CustomerID: TTIE54 CustomerPO: 016594 ProjectID:

Attn:	Michael Stocku	Phone:	(856) 840-8800
	1253 North Church Street Moorestown, NJ 08057	Fax:	(856) 840-8815
		Received:	12/12/14 4:30 PM
		Analysis Date:	12/13/2014
		Collected:	12/12/2014

Project: 14-1446 / Dewberry / 205-B Channel Drive

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos			<u>Asbestos</u> % Type	
ample	Description Appearance		irance % Fibrous		% Non-Fibrous		
02-06-Tar 041436571-0006A	South Side Canopy Perimeter - Roof Flashing	Black Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected	
02-06-Tar Feit 041436571-0006B	South Side Canopy Perimeter - Roof Flashing	Black Fibrous Homogeneous	30%	Syntheti c	70% Non-fibrous (other)	None Detected	
03-07 041436571-0007	Ice House Shingle Roof - Shingle Roof					Not Submitted	
03-08-Shingle 041436571-0008	East Side Center Sloped Roof - Shingle Roof	Gray/Black Non-Fibrous Homogeneous	40%	Cellulose	60% Non-fibrous (other)	None Detected	
03-08-Tar Paper 041436571-0008A	East Side Center Sloped Roof - Shingle Roof	Black Fibrous Homogeneous	60%	Cellulose	40% Non-fibrous (other)	None Detected	
03-09-Shingle 041436571-0009	South Side Canopy Sloped Roof - Shingle Roof	Gray/Black Fibrous Homogeneous	15%	Glass	85% Non-fibrous (other)	None Detected	
03-09-Tar Paper 041436571-0009B	South Side Canopy Sloped Roof - Shingle Roof	Black Fibrous Homogeneous	80%	Cellulose	20% Non-fibrous (other)	None Detected	
03-09-A-Shingle 041436571-0010		Black Fibrous Homogeneous	30%	Glass	70% Non-fibrous (other)	None Detected	
			Secondary (03-09 sample bag			

Analyst(s)

Felix Anusiem (15) Matthew Carralero (8)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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TTI Env 1253 No	Michael Stocku TTI Environmental Inc.	Phone: Fax:	(856) 840-8800 (856) 840-8815
	1253 North Church Street	Received:	12/12/14 4:30 PM
	Moorestown, NJ 08057	Analysis Date:	12/13/2014
	Woorestown, NJ 00037	Collected:	12/12/2014
Proje	ct: 14-1446 / Dewberry / 205-B Channel Drive		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Non-Asbestos			pestos	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре
03-09-A-Tar I	Paper	Black	45%	Cellulose	55% Non-fibrous (other)	None Detected
041436571-0010	A	Fibrous Homogeneous				
			Secondar	y 03-09 sample bag		

Analyst(s)

Felix Anusiem (15) Matthew Carralero (8)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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RESULTS A
E-MAIL ALL

53 North Church Street, Moorestown, NJ 08057 5-840-8800 Fax 856-840-8815

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O Jim Guilardi	A Michael Stocku	Comple Container		211 574							C		2	.).	· · · · · · · · · · · · · · · · · · ·		rround X Stop At First Positive	e in each homogeneous	t material for TEM analysis, s using material from other is group. (Initials)	
	TTI PROJECT MANAGER.	- CHIMME LELL	Material Description			15 H, sio	No. 11	1	KODY								PO No. 016.594 29 Hour Turnaround	<u>NOB MATERIALS:</u> Perform TEM analysis of 1 st sample in each homogeneous	group. (Initials) For NOB samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (Initials	
			Material I	Thit Koor	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Roof Th			Shix9/5	-							Date Time PO No. C	III	For pleas	
	BERRY	CLIENT CONTACT:	ocation	15,6	SEETIRY 31	ER Church 1	HER I		10/2 10 C	2/2 She 1220 1600	NOVY ZIOTENICU						Received by: (Signature)	Received by: (Signature)		
	146 CLIENT: DEW BA	Nes CLIENT	Sample Location	NORTH SIDE CENTE,	North WESTS	<u> </u>	1 20 15 X	44	Kow	Ensts De Lealla	SOUTH SIVE CA						ature) Date Time	A /2//2//9 artire) / Date Time		
	РКОЈЕСТ #: / / -/ -/	SAMPLER(S): $\zeta'_{i} \leq \lambda_{i}$	Sample #	01-01	<	<u>5</u>	05 02	5 X ~~~	20 20	80 60	03 04						Relinqui treft by: (Signature)	Refinquished by: (Signature)		

Client:	Dewberry
Facility:	205B Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		205C-01 Drywall/Spackle Miscellaneous	Material Contains >1% Asbestos: No		
Level	Lo	cation		Amount	Units
	Nor	th Corner of Building Storag	je	450	SF
	Nor	th West Corner of Building		1,800	SF
	Sou	th Corner of Building		1,950	SF
			Total	4,200	SF
		Sampling Da	ita		
<u>Sample</u>	<u>No.</u>	Date of Sampling	Location of Sa	mpling	
05C-01 – 1C	;	11/25/14	North Storage		I
05C-01 – 2C	;	11/25/14	North West Storage	e	
05C-01 – 3C	;	11/25/14	South Storage		

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

05C-02 - 4C

05C-02 - 5C

05C-02 - 6C

Homogeneous No: Material Name: Type of Material:		205C-02 12"x12" Tan Floor Miscellaneous		Material Contains >19 Asbestos: No	
Level	Lo	cation		Amount	Units
	Nor	th Corner of Building Storag	je	170	SF
	Nor	th West Corner of Building		700	SF
			Total	870	SF
Samp	le No.	Sampling Da	I <mark>ta</mark> Location of Sa	mpling	

North Storage

North West Storage

North West Storage

11/25/14

11/25/14

11/25/14

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

05C-03 - 8C

05C-03 - 9C

Homogeneous No: Material Name: Type of Material:	205C-03 12"x12" Green Flo Miscellaneous	12"x12" Green Floor Tile/Mastic		
Level L	ocation		Amount	Units
Ν	orth West Corner of Building		60	SF
		Total	60	SF
	Sampling Da	nta		
Sample No.	Date of Sampling	Location of San	npling	
05C-03 – 7C	11/25/14	North West Storage		1

North West Storage

North West Storage

11/25/14

11/25/14

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205C-04 Transite Panels Miscellaneous		Material Asbestos	Contains >1% No
Level	Location		Amount	Units
	South Corner of Building		15	SF
		Total	15	SF
	Sampling Da	ata		
<u>Sample No.</u>	Date of Sampling	Location of Sa	<u>mpling</u>	
05C-04 – 10C	11/25/14	South Storage		

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous N Material Name: Type of Materia	Flat Roof		Material Asbestos	Contains >1%
Level	Location		Amount	Units
	Roof		4,500	SF
		Total	4,500	SF
	Sampling 1	Data		
<u>Sample N</u>	o. Date of Sampling	g Location of Sa	mpling	
5C-R01 – 01	12/12/14	North East Section		I
5C-R01 - 02	12/12/14	South East Section		
5C-R01 - 03	12/12/14	South West Section		

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	205C-R02 Roof Flashing Miscellaneous		Material Asbestos	Contains >1% : Yes
Level L	ocation		Amount	Units
R	oof		270	LF
		Total	270	LF
	Sampling Da	ata		
Sample No.	Date of Sampling	Location of Sam	<u>pling</u>	
5C-R02 - 04	12/12/14	North East Perimeter	ı	
5C-R02 - 05	12/12/14	South East Perimeter		
5C-R02 - 06	12/12/14	South West Perimeter	r	



EMSL Order: 041434983 CustomerID: TTIE54 CustomerPO: 016482 ProjectID:

Attn:	Michael Stocku TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: Fax: Received: Analysis Date: Collected:	(856) 840-8800 (856) 840-8815 11/25/14 1:40 PM 12/1/2014 11/25/2014	
Proje	ct: 14-1446 / Dewberry / 205 C Channel Ave			

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-As	<u>estos</u>	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Түре
01-1C-Drywall	North Storage -	Brown	10%	Cellulose	90% Non-fibrous (other)	None Detected
041434983-0001	Drywall Spackling	Fibrous Hornogeneous				
01-1C-Spackle	North Storage -	White			100% Non-fibrous (other)	None Detected
041434983-0001A	Drywall Spackling	Non-Fibrous Homogeneous				
01-2C-Drywall	North West	Brown	10%	Cellulose	90% Non-fibrous (other)	None Detected
041434983-0002	Storage - Drywall Spackling	Fibrous Homogeneous				
01-2C-Spackle	North West	White			100% Non-fibrous (other)	None Detected
041434983-0002A	Storage - Drywall Spackling	Non-Fibrous Homogeneous				
01-3C-Drywall	South Storage -	Brown/Gray	20%	Cellulose	80% Non-fibrous (other)	None Detected
041434983-0003	Drywall Spackling	Fibrous Homogeneous				
01-3C-Spackle	South Storage -	White			100% Non-fibrous (other)	None Detected
041434983-0003A	Drywall Spackling	Non-Fibrous Homogeneous				
02-4C-Floor Tile	North Storage -	Tan			98% Non-fibrous (other)	2% Chrysotile
041434983-0004	12x12 FT Tan	Non-Fibrous Homogeneous				
02-4C-Mastic	North Storage -					Stop Positive (Not Analyzed
041434983-0004A	Mastic					
02-5C-Floor Tile	North West				······································	Stop Positive (Not Analyzed
041434983-0005	Storage - 12x12 FT Tan					
				·····	\sim	<u> </u>

Analyst(s)

Amy Johnson (5) Jamie Marczak (4)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 12/01/2014 08:18:19

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EMSL Order: 041434983 CustomerID: TTIE54 CustomerPO: 016482 ProjectID:

TTI Environmental Inc. Fa 1253 North Church Street Re Moorestown, NJ 08057	none: (856) 840-8800 ix: (856) 840-8815 aceived: 11/25/14 1:40 PM halysis Date: 12/1/2014 bllected: 11/25/2014	
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Project: 14-1446 / Dewberry / 205 C Channel Ave

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-	Asbestos	<u>Asbestos</u>		
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Туре		
02-5C-Mastic	North West Storage - Mastic					Stop Positive (Not Analyzed)		
041434983-0005A	Storage - Mastic							
02-6C-Floor Tile	North West					Stop Positive (Not Analyzed)		
041434983-0006	Storage - 12x12 FT Tan							
02-6C-Mastic North West						Stop Positive (Not Analyzed)		
041434983-0006A	Storage - Mastic							
03-7C-Floor Tile	North West	Green		·····	98% Non-fibrous (other)	2% Chrysotile		
041434983-0007	Storage - 12x12 FT Green Mastic	Non-Fibrous Homogeneous						
03-7C-Mastic	North West					Stop Positive (Not Analyzed)		
041434983-0007B	Storage - 12x12 FT Green Mastic							
03-8C-Floor Tile	North West					Stop Positive (Not Analyzed)		
041434983-0008	Storage - 12x12 FT Green Mastic							
03-8C-Mastic	North West					Stop Positive (Not Analyzed)		
041434983-0008A	Storage - 12x12 FT Green Mastic							
03-9C-Floor Tile	North West					Stop Positive (Not Analyzed)		
041434983-0009	Storage - 12x12 FT Green Mastic							
03-9C-Mastic	North West					Stop Positive (Not Analyzed)		
041434983-0009A	Storage - 12x12 FT Green Mastic							

Analyst(s)

Amy Johnson (5) Jamie Marczak (4)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 12/01/2014 08:18:19



EMSL Order: 041434983 CustomerID: TTIE54 CustomerPO: 016482 ProjectID:

Attn:	Michael Stocku TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: Fax: Received: Analysis Date: Collected:	(856) 840-8800 (856) 840-8815 11/25/14 1:40 PM 12/1/2014 11/25/2014
Proje	ct: 14-1446 / Dewberry / 205 C Channel Ave		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				<u>bestos</u>	Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
04-10C	South Storage -	Gray	20%	Cellulose	80% Non-fibrous (other)	None Detected
041434983-0010	Transite	Fibrous Homogeneous				

Analyst(s)

Amy Johnson (5) Jamie Marczak (4)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 12/01/2014 08:18:19

TO:Ih-labjab@ttienv.com		Ox Jim Guilardi Michael Stocku	DATE: 11/25/14	Sample Container	Bage									->	14,	/M,;; (O¥	~	20 N. A. 1: 4	J 4		r Turnaround 🗙 Stop At First Positive	sample in each nomogeneous	nt material for TEM analysis, sis using material trom other ous group ((nttals())
16.2 EIMAR ALL RESULTS AND COC TO IN-Itablab@ttienv.com	Data and Chain of Custody Record	TTI PROJECT MANAGER:	FACILITY: 205 C ChANNEL AVE	Material Description	Drywall spackling	~~~~	→	12X12 FT. TAN MASTIC		→ `	12X12 PT. Green MASTIC		*	TRANSITE							Time Po No	Date Time <u>MOB WATERWARS</u> R Perform IEW analysis of 1 samp	is <u>active</u> ZA h ngles with insuffice in composite analy he same homogene
	g	446 CLIENT: DEWDERTY	CLIENT CONTACT: *	Sample Location	Nexth STORASC	3	South "	North Storage	North wear "	1		3× 11 11	دا ٤٠ . د	South Startes							(Signature) Date Time Received by: (Signature) D	(Signature) Date Time Received by: (Signature) D	
1253 N 856-84		PROJECT #: 14.1446	SAMPLER(S): W C Red	Sample #	01.10	01.20	01-36		02.5 ¢	02.6 ¢	03.7 C	6 <u>7</u> 6	394	04.10							Relinquished by: (Signa	Relinquished by: {Signa	•

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

EMSL Order ID: Customer ID:	041436568 TTIE54
Customer PO:	016632
Project ID:	

Attn:	Michael Stocku	Phone:	(856) 840-8800
	TTI Environmental Inc.	Fax:	(856) 840-8815
	1253 North Church Street	Collected:	12/12/2014
	Moorestown, NJ 08057	Received:	12/12/2014
		Analyzed:	12/15/2014
Proj:	14-1446 / Dewberry / 205-C		

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

	· · · · · · · · · · · · · · · · · · ·						
Client Sample ID:	01-01-Tar					Lab Sample ID:	041436568-0001
Sample Description:	Northeast section/Flat roof						
	Analyzed		Nоп-А	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	0%	100%	None Detected		
TEM Grav. Reduction	12/15/2014	Black	0.0%	98.7%	1.3% Chrysotile		
Client Sample ID:	01-01-Tar Paper					Lab Sample ID:	041436568-0001A
Sample Description:	Northeast section/Flat roof						
	Analyzed		Noл-А	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	40%	60%	None Detected		
TEM Grav. Reduction	12/15/2014	Black	0.0%	98.8%	1.2% Chrysotile		
Client Sample ID:	01-01-Tar Felt					Lab Sample ID:	041436568-0001B
Sample Description:	Northeast section/Flat roof						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	45%	55%	None Detected		
TEM Grav. Reduction	12/15/2014	Black	0.0%	99.7%	0.26% Chrysotile		
Client Sample ID:	01-01-Built Up Roofing					Lab Sample ID:	041436568-0001C
Sample Description:	Northeast section/Flat roof						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	25%	75%	None Detected		
TEM Grav. Reduction	12/15/2014	Black	0.0%	100%	<0.25% Chrysotile		
Client Sample ID:	01-02-Tar					Lab Sample ID:	041436568-0002
Sample Description:	Southeast section/Flat roof						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	0%	100%	None Detected		
Client Sample ID:	01-02-Tar Paper					Lab Sample ID:	041436568-0002A
Sample Description:	Southeast section/Flat roof						
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Ion-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	45%	55%	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: 041436568 Customer ID: TTIE54 Customer PO: 016632 Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

			VIA EPA	600/R-93/110)		
Client Sample ID:	01-02-Tar Felt					Lab Sample ID:	041436568-0002B
Sample Description:	Southeast section/Flat roof						
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	40%	60%	None Detected	comment	
		Bidest		00/0		L = L C = (= 10-	044420500 00050
Client Sample ID:	01-02-Built Up Roofing					Lab Sample ID:	041436568-0002C
Sample Description:	Southeast section/Flat roof						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	30%	70%	None Detected		
Client Sample ID:	01-03-Tar					Lab Sample ID:	041436568-0003
Sample Description:	Southwest section/Flat roof						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	12/14/2014	Black	0%	100%	None Detected		
Client Sample ID:	01-03-Tar Paper					Lab Sample ID:	041436568-0003A
Sample Description:	Southwest section/Flat roof					,	
- •							
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/14/2014	Black	40%	60%	None Detected		
Client Sample ID:	01-03-Tar Felt					Lab Sample ID:	041436568-0003B
Sample Description:	Southwest section/Flat roof						
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	12/14/2014	Black	35%	65%	None Detected		
Client Sample ID:	01-03-Built Up Roofing					Lab Sample ID:	041436568-0003C
Sample Description:	Southwest section/Flat roof						
TEST	Analyzed	0-1-1		Asbestos Non-Fibrous	1 - h 4	Comment	
PLM	Date 12/14/2014	Color Black	Fibrous 30%	70%	Asbestos None Detected	Comment	
		Diach	0070	.070	HONE DELECTED	Lab Decente (D)	B44496ECD 0004
Client Sample ID:	02-04-Flashing					Lab Sample ID;	041436568-0004
Sample Description:	Northeast perimeter/Roof flash	ng					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	30%	70%	None Detected		
Client Sample ID:	02-04-Tar					Lab Sample ID:	041436568-0004A
Sample Description:	Northeast perimeter/Roof flash	ning					
	·	-					
	Analyzed		Non-	Asbestos			
TEOT	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
TEST	Batto		1 107 0 45				



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: 041436568 Customer ID: TTIE54 Customer PO: 016632 Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Client Sample ID:	02-04-Tar Paper					Lab Sample ID:	041436568-0004B
Sample Description;	Northeast perimeter/Roof flas	shing					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014	Black	40%	45%	15% Chrysotile		
Client Sample ID:	02-05-Flashing					Lab Sample ID;	041436568-0005
Sample Description:	Southeast perimeter/Roof fla	shing					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014			Stop F	Positive (Not Analyzed)		
Client Sample ID:	02-06					Lab Sample ID:	041436568-0006
Sample Description;	Southwest perimeter/Roof fla	shing					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/13/2014			Stop F	Positive (Not Analyzed)		

Analyst(s):

Erica Valent	PLM (4)
Felix Anusiem	PLM (11)
Wayne Froehlich	TEM Grav. Reduction (4)

Reviewed and approved by:

Tole een

Stephen Siegel, CIH, Laboratory Manager or Other Approved Signatory

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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

Report amended: 12/18/201406:59:20 Replaces initial report from: 12/15/201406:36:41 Reason Code: Client-Change to PO

Test Report:EPAMultiTests-7.32.2.e. Printed: 12/18/2014 06:59AM

OrderID:	0414	1365 1° • N	68	·			T	T	T T			<u></u> _	r	1	•		r	 <u> </u>	- 1 <u> </u>	<u></u>
[O:ih-lab]	Ox Jim Guitardi Michael Stocku	1211	Sample Container							-	-		 CTAN 2014 (EC	: 	N.J	, 31		Dound Stop At First	sample in each homogeneous titolent material for TEM analysis, malysis using material from other seneous group (Initials
C 8- Data and Chain of Custody Record	TTI PROJECT MANAGER:	FACILITY: 205 - C	/ Material Description	the lost		, <i>۲</i>	ROOF FLASHING		>										Date Time Volument Houristic	<u>ALS:</u> analysis of t ¹ s s bles with insu m composited esameth omo
D' Y I U D' S C S C S 1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815 PLM Sampling Data and	1 .S	SUND CLIENT CONTACT:	Sample Location	NORTHERST Section	1, Ed.57	THE WEST .	NORTH EAST REALMETER	GOUTH EAST PERMIEVEN	South Nest Reinered										ure) Date Time Received by: (Signature)	ure) Date Time Received by: (Signature)
1253 No 856-840	PROJECT #: /¥ ~ / ¥	SAMPLER(S): C ,	Sample #	01.01	01-02	01-03	90-20	02- 05	02-06)									Relinquished by: (Signature)	Relinquished by: (Signature)

Client:	Dewberry
Facility:	205C Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		209-01 9"x9" Black Floor Miscellaneous	Material Asbestos	Contains >1% : Yes	
Level	Lo	cation		Amount	Units
	1st	Floor		2,160	SF
			Total	2,160	SF
		Sampling Da	nta		
<u>Sample</u>	<u>No.</u>	Date of Sampling	Location of Sa	ampling	
209-01 – 1/	4	11/24/14	1st Floor		
209-01 – 2/	4	11/24/14	1st Floor		
209-01 – 3/	Ą	11/24/14	1st Floor		

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	209-02 9"x9" Tan Floor T Miscellaneous	ile/Mastic	Material Asbestos	Contains >1% Yes
Level 1	Location		Amount	Units
1	st Floor		400	SF
		Total	400	SF
Sample No.	Date of Sampling	Location of Sa	mpling	
209-02 – 4A	11/24/14	1st Floor		
209-02 – 5A	11/24/14	1st Floor		

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		209-03 Drywall/Spackle Miscellaneous	Material Contains >1 Asbestos: No		
Level	Loc	cation		Amount	Units
	1st I	Floor		1,400	SF
			Total	1,400	SF
		Sampling Da	nta		
Sample	<u>No.</u>	Sampling Da	nta Location of Sa	ampling	
<u>Sample</u> 209-03 – 7A				ampling	

209-03 – 9A 11/24/14 1st Floor

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	209-04 Exterior Stucco Miscellaneous	Material Asbestos	Contains >1%	
Level L	ocation		Amount	Units
O	utside		4,800	SF
		Total	4,800	SF
	Sampling Da	ata		
<u>Sample No.</u>	Date of Sampling	Location of Sa	mpling	
209-04 – 10A	11/24/14	Outside Walls		•
209-04 – 11A	11/24/14	Outside Walls		
209-04 – 12A	11/24/14	Outside Walls		

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

		209-05 Flat Roof Field Miscellaneous		Material Contains >. Asbestos: No		
Level	Lo	cation		Amount	Units	
	Out	side		5,200	SF	
			Total	5,200	SF	
		Sampling Da	ita			
Samp	e No.	Date of Sampling	Location of Sa	<u>mpling</u>		
209-05 – 1	13A	11/24/14	Roofing Field			
209-05 - 7	14A	11/24/14	Roofing Field			
			Roofing Field			

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		209-06 Flat Roof Flashing Miscellaneous	I	Material Contains : Asbestos: No		
Level	Lo	cation		Amount	Units	
	Out	side		440	SF	
			Total	440	SF	
Sample	<u>e No.</u>	Sampling Da	I <mark>ta</mark> Location of Sar	npling		
209-06 - 16	6A	11/24/14	Roofing Flashing		l	
209-06 - 17	7A	11/24/14	Roofing Flashing			
209-06 - 18	BA	11/24/14	Roofing Flashing			

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneou Material Na Type of Mat	me: Flue Patch	Material Contains >1% Asbestos: No
Level	Location	Amount Units
	1st Floor	2 SF

Total

2 SF

Sampling Data								
Sample No.	Date of Sampling	Location of Sampling						
209-07 – 19A	11/24/14	1st Floor						
209-07 – 20A	11/24/14	1st Floor						
209-07 – 21A	11/24/14	1st Floor						

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	209-08 Roof Shingles Miscellaneous		Material Asbestos	Contains >1%
Level Lo	ocation		Amount	Units
Ou	itside		20	SF
		Total	20	SF
	Sampling Da	ita		
	1 0			
Sample No.	Date of Sampling	Location of Sa	mpling	
<u>Sample No.</u> 209-08 – 22A			mpling	
	Date of Sampling	Location of Sa	<u>mpling</u>	

EMSL	EMSL Analytica 200 Route 130 North Ci Phone/Fax: (800) 220-36 http://www.EMSL.com /	nnaminson, N 375 / (856) 78	6-5974		C	MSL Order ID: ustomer ID: ustomer PO: roject ID:	041434981 TTIE54 016482
1253 No Mooreste	ronmental Inc. rth Church Street own, NJ 08057			Phone Fax: Collec Receiv Analyz	(856) 8 ted: 11/24/2 ved: 11/25/2	2014	
<u></u>	/ Dewberry / 305 Channel						
S	ummary Test Report	for Asbeste	-	s in Accorda 500/R-93/116		A.C. 8:60 and 1	2:120
Client Sample ID:	01-1A-Floor Tile					Lab Sample ID:	041434981-0001
Sample Description:	1st floor/9x9 floor tile black/f	Mastic					
TEST	Analyzed Date	Color		∖sbestos Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	0%	96%	4% Chrysotile		
Client Sample ID; Sample Description;	01-1A-Mastic 1st floor/9x9 floor tile black/	Mastic				Lab Sample ID:	041434981-0001A
	Analyzed		Non-A	Asbestos			
TE\$T	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop Pa	sitive (Not Analyzed)	Lab Sample ID:	041434981-0002
Client Sample ID: Sample Description:	01-2A-Floor Tile 1st floor/9x9 floor tile black/f Analyzed	Mastic	Noo	Asbestos		·	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop Pa	sitive (Not Analyzed)		
Client Sample ID: Sample Description:	01-2A-Mastic 1st floor/9x9 floor tile black/f	Mastic				Lab Sample ID:	041434981-0002A
	Analyzed		Non-/	Asbestos			
TE\$T	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
чM	11/29/2014			Stop Po	sitive (Not Analyzed)		
Client Sample ID: Sample Description:	01-3A-Floor Tile 1st floor/9x9 floor tile black/	Mastic				Lab Sample ID:	041434981-0003
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop Po	sitive (Not Analyzed)		
Client Sample ID:	01-3A-Mastic					Lab Sample ID:	041434981-0003A
Sample Description:	1st floor/9x9 floor tile black/f	Mastic					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop Po	sitive (Not Analyzed)		
Client Sample ID: Sample Description:	02-4A-Floor Tile 1st floor/9x9 floor tile tan/ma	astic				Lab Sample ID:	041434981-0004
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Tan	0%	96%	4% Chrysotile		

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

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	02-4A-Mastic					Lab Sample ID:	041434981-0004A
Sample Description:	1st floor/9x9 floor tile tan/mas	tic					
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
РСМ	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	02-5A-Floor Tile					Lab Sample ID:	041434981-0005
Sample Description:	1st floor/9x9 floor tile tan/mas	tic					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	02-5A-Mastic					Lab Sample ID:	041434981-0005A
Sample Description:	1st floor/9x9 floor tile tan/mas	tic					
	Analyzed		Non	-Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014			Stop P	ositive (Not Analyzed)		
Client Sample ID:	02-6A-Floor Tile					Lab Sample ID:	041434981-0006
Sample Description:	1st floor/9x9 floor tile tan/mas	tic				· · · · ·	
Sumple Description.	rst hoor/sxs hoor the tan/mas	anc.					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	•••		Stop P	ositive (Not Analyzed)		
Client Semple ID:	02-6A-Mastic	···· .		<u> </u>		Lab Sample ID:	041434981-0006A
Client Sample ID:						Lag Gampie in:	041404001 00001
Sample Description:	1st floor/9x9 floor tile tan/mas	SUC					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014				ositive (Not Analyzed)		
					, , ,	Lab Sample ID:	041434981-0007
Client Sample ID:	03-7A-Drywall					Lab Gampie ib.	041404301 0001
Sample Description:	1st floor/Drywall spackling						
	Analyzad		Non	-Asbestos			
TEST	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/White	10%		None Detected		
				- • • •		I ab Camala ID.	041434981-0007A
Client Sample ID:	03-7A-Spackle					Lab Sample ID:	041434961-0007A
Sample Description:	1st floor/Drywall spackling						
TEST	Analyzed	Calar	Non Fibrous	-Asbestos Non-Fibrous	Asbestos	Comment	
······	Date 11/29/2014	Color White	0%		None Detected	Comment	
PLM		AAUUG	0%	100%	MOUE DEFECTED		
Client Sample ID:	03-8A-Drywall					Lab Sample ID:	041434981-0008
Sample Description:	1st floor/Drywall spackling						
	Analyzed		Non	-Asbestos			
TEST							
PLM	Date 11/29/2014	Color Brown/White	Fibrous		Asbestos None Detected	Comment	



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: 041434981 Customer ID: TTIE54 Customer PO: 016482 Project ID:

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	03-8A-Spackle					Lab Sample ID:	041434981-0008A
Sample Description:	1st floor/Drywall spackling						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	0%	100%	None Detected		
Client Sample ID:	03-9A-Drywall					Lab Sample ID:	041434981-0009
Sample Description;	1st floor/Drywall spackling						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/01/2014	Brown/White	15%	85%	None Detected		
Client Sample ID:	03-9A-Spackle					Lab Sample ID:	041434981-0009A
Sample Description:	1st floor/Drywall spackling						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	12/01/2014	White	0%	100%	None Detected		
Client Sample ID;	04-10 A					Lab Sample ID:	041434981-0010
Sample Description:	Outside walls/Exterior stucc	0					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Gray	0%	100%	None Detected		
Client Sample ID:	04-11A					Lab Sample ID:	041434981-0011
Sample Description:	Outside walls/Exterior stucc	0					
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Gray	0%	100%	None Detected		
Client Sample ID:	04-12A					Lab Sample ID:	041434981-0012
Sample Description:	Outside walls/Exterior stucc	0					
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	12/01/2014	Gray	0%	100%	None Detected		
Client Sample ID:	05-13A					Lab Sample ID:	041434981-0013
Sample Description:	Roofing field/Roof						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	5%	95%	None Detected	······································	
TEM Grav. Reduction	12/02/2014	Black	0.0%	100%	None Detected		
Client Sample ID:	05-14A					Lab Sample ID:	041434981-0014
Sample Description:	Roofing field/Roof						
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	05-15A					Lab Sample ID:	041434981-0015
Sample Description:	Roofing field/Roof						
	Analyzed		Non-Asl	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	
PLM	12/01/2014	Black	25%	75%	None Detected		
Client Sample ID:	06-16A-Flashing					Lab Sample ID:	041434981-0016
Sample Description;	Roofing flashing/Roof						
	rtooning naorinig/1007						
	Analyzed		Non-Asi	bestos			
TEST	Date	Color	Fibrous No	n-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	2%	98%	None Detected		
TEM Grav. Reduction	12/02/2014	Black	0.0%	100%	None Detected		
	06-16A-Feit		·····			Lab Sample ID:	041434981-0016A
Client Sample ID;						Eas campic is:	041404001-001071
Sample Description:	Roofing flashing/Roof						
				L A			
TECT	Analyzed	Color	Non-Asl		Ashe-t	Comment	
TEST PLM	Date	Color	Fibrous No 3%	97%	Asbestos	Comment	
	11/29/2014	Black			None Detected		· · · · ·
EM Grav. Reduction	12/02/2014	Black	0.0%	100%	None Detected		
Client Sample ID:	06-17A-Flashing					Lab Sample ID:	041434981-0017
Sample Description;	Roofing flashing/Roof						
	Analyzed		Non-Asi	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	2%	98%	None Detected		
Client Sample ID:	06-17A-Feit	***********			· · ·	Lab Sample ID:	041434981-0017A
Sample Description:	Roofing flashing/Roof						
	Rooming hashing/room						
	Analyzed		Non-Asi	hestos			
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	4%	96%	None Detected		
						1 - h 0 l - 10 -	0.44.40.40.04.00.40
Client Sample ID:	06-18A-Flashing					Lab Sample ID:	041434981-0018
Sample Description:	Roofing flashing/Roof						
	Analyzed		Non-As		· · ·	. .	
TEST	Date	Color		on-Fibrous	Asbestos	Comment	
PLM	12/01/2014	Black	15%	85%	None Detected		
Client Sample ID:	06-18A-Feit					Lab Sample ID:	041434981-0018A
Sample Description:	Roofing flashing/Roof						
	•						
	Analyzed		Non-As	bestos			
TEST	Date	Color	Fibrous No	on-Fibrous	Asbestos	Comment	
PLM	12/01/2014	Black	30%	70%	None Detected		
Client Sample ID:	07-19A					Lab Sample ID:	041434981-0019
Sample Description:							
sample Description:	1 st floor/Flue patch						
	A1		N A	hantaa			
TERT	Analyzed	Col	Non-Asi Eibroug No		Ashestos	Comment	
TEST	Date	Color	Fibrous No		Asbestos		
	4420020044	10.0~14-	£0/		Nana Detected		
PLM TEM Grav. Reduction	11/29/2014 12/02/2014	White White	5% 0.0%	95% 100%	None Detected None Detected	Recommend TEM	

Test Report:EPAMultiTests-7.32.2.e Printed: 12/02/2014 11:27AM



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	07-20A						Lab Sample ID:	041434981-0020
Sample Description:	1st floor/	Flue patch						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		11/29/2014	White	5%	95%	None Detected	Recommend TEM	
Client Sample ID:	07-21A						Lab Sample ID:	041434981-0021
Sample Description:	1st floor/	Flue patch						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		12/01/2014	White	5%	95%	None Detected		
Client Sample ID:	08-22A						Lab Sample ID:	041434981-0022
Sample Description:	Side root	f/Roof shingles						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		11/29/2014	Black	5%	95%	None Detected		
TEM Grav. Reduction		12/02/2014	Black	0.0%	100%	None Detected		
Client Sample ID:	08-23A						Lab Sample ID:	041434981-0023
Sample Description:	Side root	f/Roof shingles						
		Analyzed		Non	-Asbestos			
TEST		Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM		12/01/2014	Black	15%	85%	None Detected		

Analyst(s):

Jamie Marczak PLM (17) Jillian Yurick PLM (8) Ted Young TEM Grav, Reduction (5)

Reviewed and approved by:

Segul typhe

Stephen Siegel, CIH, Laboratory Manager or Other Approved Signatory

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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

Initial report from: 12/01/201410:52:47

Test Report:EPAMultiTests-7.32.2.e Printed: 12/02/2014 11:27AM

1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815

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Tot oildes Emainal Results A

in tanomna h	PL N	sampling uata and	PLINI Sampling Data and Unalli of Custouy Record	
PROJECT #: 14.1446	CLIEN	CLIENT: De Werty	TTI PROJECT MANAGER:	AGER: Ox Jim Guilardi AGER: Stocku
SAMPLER(S): W CLARE / SIMS	i sìms	CLIENT CONTACT:	FACILITY: 209 ChANNED ALC	DATE: '1 24 14
Sample #		Sample Location	Material Description	Sample Container
0.18	132 F1	Floor	9×9×5 Black massic	Baggie
01.24				
61-3A			· · ·	
02-4N			9×9 FT TAN MASTIC	
02.5A				
CZ. LA			*	
03-7A			Drywall -Spackling	
C3. 8A			-	
C3.9A			*	
C4-10A	3 9	ourside walls	Exterior Stacco	
04-111				i NA NY 2
CA-12A			->	
65-13A	Roefing	ine Field	3007	YED SON.
c5 :14 Å		,	·	NŲ
65. 15 A				1
ce. Juh	Recting	FING FLAShing		
06-17A				
06-164		~	-	>
Relinquished by: (Signature)	e) Date ii ii .<	Time Received by: (Signature)		Hour Turnaround 🛛 Stop At First Time
fed	Date	Time Received by: (Signature)	Date Time <u>NOB-MATERIALS</u> <u>X</u> Perform TEM analysis of	<u>NOB MATERIALS</u> N Perform TEM analysis of 1° sample in each homogeneous
			group, (Initials 🕎 For NOB samples with II please perform compos samples in the same ho	group. (Initials W 241W For NOB samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (Initials U

TO:ih-labjab@ttienv.com	Ox Jim Guilardi & Michael Stocku	DATE1 24 14	Sample Container	BAYDIC		->			->						around Stop At First Positive	le in each homogeneous material for TEM analysis, s using material from other, is group: (Initials w. 24 M
です。 その本のででの「AGZ EMAIL ALL RESULTS AND COC TO:IN-lablab@ttienv.com ata and Chain of Custody Record	TTI PROJECT MANAGER:	204 Channel AVC	Material Description	Flue Parch	•	*	of shingles	~	-*						0d	 NOB MATERIALS Perform TEManalysis of 1st sample in each homogeneous group (initials while in the samples with insufficient material for analysis please perform composite analysis using material from othe samples in the same homogeneous group (initials while z4)
고바 이나요고 and Chain of (U			1 Sold								Date Time	Date
D D	WINELT	CLIENT CONTACT: ``, ^{* •}	Sample Location	3			5								Received by: (Signature)	Received by: (Signature)
Street, Moorestown, NJ 08057 856-840-8815 PLM Sampling D	CLIENT: DEW WEITY	CLIEN	Sample	57 Floez		->	side roof		→						Date Time	te Time
1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815 PLM Samplin							V 1									(Signature)
E	PROJECT #: 14.1446	SAMPLER(S) And SAMPLER	Sample #	67.19 A	67.20 A	C7.21 A	08.22A	CE - 23 A	08-248						Relinquished by: (Signature)	Relinquished by:

à

Client:	Dewberry
Facility:	209 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneou Material Nan Type of Mate	ne:	301-01 Drywall/Spackle Miscellaneous		Material Contains >1% Asbestos: No		
Level	Lo	cation		Amount	Units	
	Bre	ak Room		1,800	SF	
	Ele	ctric Room		150	SF	
	Fro	nt Room		1,600	SF	
	Offi	ce		600	SF	
			Total	4,150	SF	
Sample	e No.	Date of Sampling	Location of Sa	mpling		
301-01 – 1		11/24/14	Front Room		1	
301-01 2		11/24/14	Electric Room			
301-01 – 3		11/24/14	Break Room			

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

301-02 - 6

Homogeneous No Material Name: Type of Material	Plaster Ceiling		Material Asbestos	Contains >1% No
Level	Location		Amount	Units
	Front Room		332	SF
		Total	332	SF
Sample No	Date of Sampling	Location of Sa	ampling	
301-02 – 4	11/24/14	Front Room		
301-02 - 5	11/24/14	Front Room		

Front Room

11/24/14

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneou Material Nar Type of Mate	ne:	301-03 Tile Grout Miscellaneous		Material Asbestos	Contains >19 No
Level	Lo	cation		Amount	Units
	Fro	nt Room		140	SF
			Total	140	SF
		Sampling Da			
<u>Sampl</u>	<u>e No.</u>	Date of Sampling	Location of Sa	mpling	
<u>Sampl</u> 301-03 – 7		• • • •		mpling	

Front Room

301-03 - 9 11/24/14

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous N Material Name: Type of Materia	Mortar Bed		Material Asbestos	Contains >19 No
Level	Location		Amount	Units
	Small Cooler Room #1		3,600	SF
		Total	3,600	SF
	Sampling Da	ata		
Sample N	Date of Sampling	Location of Sa	ampling	
301-04 – 10	11/24/14	Front Room		
301-04 – 11	11/24/14	Front Room		

Front Room

301-04 - 12 11/24/14

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneou Material Nan Type of Mate	ne:	301-05 2'x4' Ceiling Tile, T Miscellaneous	Fextured	Material Asbestos	Contains >1% No
Level	Lo	cation		Amount	Units
	Brea	ak Room		400	SF
			Total	400	SF
		Sampling Da			
Sample	e <u>No.</u>	Date of Sampling	Location of Sa	mpling	
301-05 – 1	3	11/24/14	Break Room		
201 05 1	4	11/24/14	Break Room		
301-05 – 1	4	11/24/14	Bleak Room		

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneou Material Nar Type of Mate	ne:	301-06 Black Mastic on W Miscellaneous	/all	Material Asbestos	Contains >1% No
Level	Lo	cation		Amount	Units
	Fro	nt Room		150	SF
	Offi	се		80	SF
			Total	230	SF
		Sampling Da	ita		
<u>Sampl</u>	e No.	Date of Sampling	Location of Sa	ampling	
301-06 – 1	6	11/24/14	Front Room		
301-06 – 1	7	11/24/14	Front Room		
301-06 - 1	8	11/24/14	Front Room		

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:		301-07 Fiberboard Miscellaneous		Material Contains >1 Asbestos: No	
Level	Lo	cation		Amount	Units
Level		<i>cation</i> lies Restroom			SF

Sampling Data				
Sample No.	Date of Sampling	Location of Sampling		
301-07 – 19	11/24/14	Ladies Restroom		
301-07 – 20	11/24/14	Ladies Restroom		
301-07 – 21	11/24/14	Ladies Restroom		

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	301-08 White Linoleum Miscellaneous		Material Asbestos	Contains >1% : No
Level Lo	ocation		Amount	Units
Ou	tside Office		120	SF
		Total	120	SF
Sample No.	Sampling Da	Ita Location of Sa	mpling	
			<u>. a</u>	
301-08 - 22	11/24/14	Outside Office		
301-08 - 22 301-08 - 23	11/24/14 11/24/14	Outside Office Outside Office		

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	301-R01 Flat Roof Miscellaneous		Material Asbestos	Contains >1%
Level	Location		Amount	Units
	Roof		30,000	SF
		Total	30,000	SF
	Sampling Da	ata		
Sample No.	Date of Sampling	Location of San	npling	
01-R01 – 01	12/12/14	North East Section		
01-R01 – 02	12/12/14	South West Section		
01-R01 – 03	12/12/14	North West Section		

Client:	Dewberry
Facility:	301 Channel Drive
Date:	12/16/2014
Project No:	14-1446

Homogeneous No: Material Name: Type of Material:	301-R02 Vent/Perimeter Fla Miscellaneous	ashing	Material Asbestos	Contains >1% : Yes
Level I	ocation		Amount	Units
Я	oof		700	LF
		Total	700	LF
Sample No.	Sampling Da	nta Location of Sa	mpling	
01-R02 – 04	12/12/14	South Side Center	Roof Vent	
01-R02 – 05	12/12/14	South Side Center	Perimeter	

	EMSL Analytical,				1	SL Order ID: stomer ID:	041434979 TTIE54
	200 Route 130 North Cinna	aminson,	NJ 08077		Cu	stomer PO:	016482
	Phone/Fax: (800) 220-3675				Pro	ject ID:)
W	http://www.EMSL.com / cin	nasblab(DEMSL.com				/
Attn: Michael	Stocky			Phone	e: (856) 84		•••••
	ronmental Inc.			Fax:	(856) 84		
	rth Church Street			Collec	· ·		
Mooresto	own, NJ 08057			Recei	ved: 11/25/20	14	
				Analyz	zed: 12/01/20	14	
Proj: 14-1446	/ Dewberry / 301 Channel Av	е					
Si	ummary Test Report for	Asbes	_			.C. 8:60 and 1	2:120
			VIA EPA	600/R-93/116	j	1 - 1 - 0 <i>(. 1</i> - 1	0.44 40 40 TO 0004
Client Sample ID:	01-1-Drywall					Lab Sample ID;	041434979-0001
Sample Description:	Front Room/Drywall/Spackling						
	Anabinat		Ne-	Achaetae			
TEST	Analyzed Date	Color		-Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	15%		None Detected	Comment	
						Lab Sample ID:	041434979-0001A
Client Sample ID:	01-1-Texture					Lap Sample iD:	041434979-0001A
Sample Description:	Front Room/Drywall/Spackling						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	0%		None Detected		
						Lab Sample ID:	041434979-0002
Client Sample ID:	01-2-Drywall					Lau Sample ID.	041434313-000Z
Sample Description:	Electric Room/Drywall/Spackling	3					
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	15%		None Detected		
Olivert Servela ID:	01-2-Texture					Lab Sample ID:	041434979-0002A
Client Sample ID:						Lab Sample ib.	041434373-000EA
Sample Description:	Electric Room/Drywall/Spackling)					
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	0%		None Detected		
Client Sample (Dr	01-3-Drywall					Lab Sample ID:	041434979-0003
Client Sample ID: Sample Description:	•					Lap Gampio in.	0.14040.0.0000
Sample Description.	Break Room/Drywall/Spackling						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	15%		None Detected		
Client Sample ID:	01-3-Texture					Lab Sample ID:	041434979-0003A
Sample Description:	Break Room/Drywall/Spackling						
campie 2000 prom	break Room/Drywaii/Spackiing						
	Analyzed		Non	-Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White	0%		None Detected		
Client Sample ID:	02-4				······	Lab Sample ID:	041434979-0004
Sample Description:						· · · · · · · · · · · · ·	
compre peseription.	Front Room/Plaster Ceiling						
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Tan	0%		None Detected		



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	02-5					Lab Sample ID:	041434979-0005
Sample Description:	Front Room/Plaster Ceiling						
	Analyzed		Non-As				
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Tan	0%	100%	None Detected		
Client Sample ID:	02-6					Lab Sample ID:	041434979-0006
Sample Description:	Front Room/Plaster Ceiling						
TEST	Analyzed	Calar	Non-As Fibrous N		Asbestos	Comment	
PLM	Date	Color Tan		100%		Comment	
	11/29/2014	(an	0%	100%	None Detected		
Client Sample ID:	03-7					Lab Sample ID:	041434979-0007
Sample Description:	Front Room/Tile Grout						
TECT	Analyzed	Color	Non-As		Ashe	Comment	
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Tan	0%	100%	None Detected		
Client Sample ID:	03-8					Lab Sample ID:	041434979-0008
Sample Description:	Front Room/Tile Grout						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	11/26/2014				Not Submitted		
Client Sample ID:	03-9					Lab Sample ID:	041434979-0009
Sample Description:	Front Room/Tile Grout						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N	on-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Tan	0%	100%	None Detected		
Client Sample ID:	04-10				·····	Lab Sample ID:	041434979-0010
Sample Description:	Front Room/Mortar 8ed						
	i font ficenitajonal bea						
	Analyzed		Non-As	sbestos			
TEST	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	Tan	0%	100%	None Detected		
Client Sample ID:	04-11					Lab Sample ID:	041434979-0011
Sample Description:							
cample Description:	Front Room/Mortar 8ed						
	Analyzed		Non-As	sbestos			
TEŜT	Date	Color	Fibrous N		Asbestos	Comment	
PLM	11/29/2014	ĩan	0%	100%	None Detected		
Client Sample ID:	04-12					Lab Sample ID:	041434979-0012
Sample Description:						and completion	
sample Description:	Front Room/Mortar Bed						
	A mational		Non-As	bostos			
TEST	A nałyzed Date	Color	Non-As Fibrous N		Asbestos	Comment	
PLM			0%	100%		Comment	
	11/29/2014	Tan	U%	100%	None Detected		



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

Client Sample ID:	05-13					Lab Sample ID:	041434979-0013
Sample Description:							
sample beschpaon:	Break Room/2x4 CT Text						
	Analyzed		Non	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/White	90%	10%	None Detected	+ on the second	
						Lab Carrata (D)	044424070 0044
Client Sample ID:	05-14					Lab Sample ID:	041434979-0014
Sample Description:	Break Room/2x4 CT Text						
TEST	Analyzed Date	Color	Non- Fibrous	Asbestos Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/White	90%	10%	None Detected	Comment	
		DIOWINAMIKE	30 /0	10/4	None Detected		
Client Sample ID:	05-15					Lab Sample ID:	041434979-0015
Sample Description:	Break Room/2x4 CT Text						
	Analyzed			Asbestos		<u> </u>	
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	·····
PLM	11/29/2014	Brown/White	80%	20%	None Detected		
Client Sample ID:	06-16					Lab Sample ID:	041434979-0016
Sample Description:	Front Room/Black Mastic W	/all					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	0%	100%	None Detected		
TEM Grav. Reduction	12/01/2014	Black	0.0%	100%	None Detected		
Client Sample ID:	06-17					Lab Sample ID:	041434979-0017
Sample Description:	Front Room/Black Mastic W	/all					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	0%	100%	None Detected		
Client Sample ID:	06-18		*****			Lab Sample ID:	041434979-0018
Sample Description:	Front Room/Black Mastic W	(all					
	T TO RETOOT DISCONTRACTOR						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Black	0%	100%	None Detected		
Client Sample ID:	07-19					Lab Sample ID:	041434979-0019
Sample Description:							
sample bescription:	Ladies R/R/Fiber Board						
	Analyzed		Non	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/White	30%	70%	None Detected		
						I ah Carreta ID	044424070 0000
Client Sample ID:	07-20					Lab Sample ID:	041434979-0020
Sample Description:	Ladies R/R/Fiber Board						
	Analyzed			Asbestos			
TEST PLM	Date 11/29/2014	Color Brown/White	Fibrous 30%	Non-Fibrous 70%	Asbestos None Detected	Comment	



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Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120

via EPA 600/R-93/116

			VIA EFA	000/10/00/110	<u> </u>		
Client Sample ID:	07-21					Lab Sample ID:	041434979-0021
Sample Description:	Ladies R/R/Fiber Board						
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	Brown/White	20%	80%	None Detected		
Client Sample ID:	08-22					Lab Sample ID;	041434979-0022
Sample Description:	Outside Office/White Linol	อนกำ					
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White/Beige	15%	85%	None Detected		
TEM Grav. Reduction	12/01/2014	White/Beige	0.0%	100%	None Detected		
Client Sample ID:	08-23					Lab Sample ID;	041434979-0023
Sample Description:	Outside Office/White Linol	eum					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White/Beige	15%	85%	None Detected		
Client Sample ID:	08-24-Linoleum					Lab Sample ID:	041434979-0024
Sample Description:	Outside Office/White Linol	eum					
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	11/29/2014	White/Beige	15%	85%	None Detected		
Client Sample ID:	08-24-Shingle					Lab Sample ID;	041434979-0024A
Sample Description:	Outside Office/White Linol	sum					
Sample Description:	Outside Office/White Linol Analyzed	2011	Non-	Asbestos			
Sample Description: TEST		Color		Asbestos Non-Fibrous	Asbestos	Comment Sample not listed	



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041434979 TTIE54 016482

Summary Test Report for Asbestos Analysis in Accordance with N.J.A.C. 8:60 and 12:120 via EPA 600/R-93/116

Analyst(s):

PLM (17) Kelly Mulholland Matthew Carralero PLM (10) Wayne Froehlich TEM Grav. Reduction (2)

Reviewed and approved by:

Segul Tole

Stephen Siegel, CIH, Laboratory Manager or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AlHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036 Initial report from. 11/29/201413:36:12

Test Report:EPAMultiTests-7.32.2.e Printed: 12/01/2014 08:01PM

1253 North Church Street, Moorestown, NJ 08057 PO# OI6482 EMAIL ALERESULTS AT 856-840-8805 Fax 856-840-8815 DI M Samuling Data and Chain of Custody Record

	Ox Jim Guilardi	DATE: 11/24/14	Sample Container	BARK	₹								NEGA E M 4N A NII 4N A NII 4N A NII			۶IJ : L, L,					う	ound 🔀 Stop At First Positive	ole in each homogeneous 12 nt material for TEM analysis,	using material from otter sgroup. (Initials <mark>OUC)</mark>	pr res
VIIalli VI Vuotuuy Incovia	TTI PROJECT MANAGER:	FACILITY: 301 CINANNEL AVE		Drywall Sparkling		*	FLASTEL CEILINS		→ →	Tile Grown			MOTAE Bed		*	ZXA CT TENT		+	BLACK MASTIC WALL			1/2/1/ Time No To The Time	Date Mme <u>NOB MATERIALS</u> Perform TEM analysis of 1 st sample in each homogeneous group (initials WC ZANC R For NOB samples with insufficient material for TEM analysis,	please perform composite analysis using material from order samples in the same homogeneous group. (Initials OC	
LENI Sailipiliy Dala allu	1446 CLIENT: DELL'SEREN	5, ms	Sample Location	FLONT RM	Elecraic ZM	Dreak RM	Frong RM		· · · · · · · · · · · · · · · · · · ·			~		~	~	Break ZM		->	Frows RM		*	Date Time Received by: (Signature) 1 24 4			
	PROJECT #: 14.1446	SAMPLER(S):	Sample #	0 - 1	2.10	01-33	02-4	02.5	02.6	03.7	03 E	03.9	04.10	11-40	04-12	65 13	05.4	03-15	91-010	21-40	Opigo	Relinquished by: (Signature)	17		

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0C TO: emsl@ttienv.com	O Jim Guilardi ØXMichael Stocku	DATE: 11 /24 /14	Sample Container	Bagaje		->			→				14	AM 4 25	MSL INS	ED DN, 4 1	NJ 44	round 🛛 Stop At First Positive	tin each homogeneous group. ∆1	material for TEM analysis, pleas material from other samples in	itials ~	
ものでのでのででのです。 E-MAIL ALL RESULTS AND COC TO: emsi@ttienv.com and Chain of Custody Record	TTI PROJECT MANAGER:	FACILITY: 301 ChANNEL AVE		be Jead		~	white livelown					:				•		PO No.	$\frac{NOB \ MATERIALS}{NOB \ MATERIALS}$ $\mathbf{X} \ Perform \ TEM \ analysis of \ 1^{st} \ sample \ in \ each \ homogeneous \ group.$	X	the same homogeneous group. (Initials ~~) Ter NOB samples, please stop analysis when the following number of samples have been analyzed (Initials)	
ez nain ol		FACI		در غا			Mas					-						Time		e Time	•	
iلہ ط d Ch		 												 		· ·		Date		Date		
ح Data	CLIENT: DEW LERTY	CLIENT CONTACT:	Sample Location	Æ			6 FFice											Received by: (Signature)		Received by: (Signature)		
orestown, N 115 Sam	- - - - - - - 	CLIEN	Sample	ं समि					->									Time		Time		
1253 North Church Street, Moorestown, NJ 08057 856-840-8800 Fax 856-840-8815 PLM Samplin		Sìms		LADics			OUTSide											Date 1/24 ,4		Date		
53 North C 6-840-880	남부는		/							 				 				gnature)		ignature)		
Since 1985	PROJECT #: 141446	SAMPLER(S): CVA2K	Sample #	વર હ	07-20	07.21	oe -22	08 23	0e 14									Relinquished by: (Signature)		Relinquished by: (Sighature)		

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Attn:	Michael Stocku TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057	Phone: Fax: Received: Analysis Date: Collected:	(856) 840-8800 (856) 840-8815 12/12/14 4:35 PM 12/13/2014 12/12/2014
Proje	ct: 14-1446 / Dewberry / 301 Channel Drive		

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				<u>Non-Ast</u>	<u>bestos</u>	Asbestos
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Түре
01-01-Flashing	NE section - Built	Black	20%	Synthetic	80% Non-fibrous (other)	None Detected
041436577-0001	up flat roof	Fibrous Homogeneous				
01-01-Tar	NE section - Built	Black			100% Non-fibrous (other)	None Detected
041436577-0001A	up flat roof	Non-Fibrous Homogeneous				
01-01-Tar Felt	NE section - Built	Black	30%	Glass	70% Non-fibrous (other)	None Detected
041436577-0001B	up flat roof	Fibrous Homogeneous				
01-01-Silver Paint	NE section - Built	Silver			100% Non-fibrous (other)	None Detected
041436577-0001C	up flat roof	Non-Fibrous Homogeneous				
01-02-Flashing	SW section - Built	Black	20%	Synthetic	80% Non-fibrous (other)	None Detected
041436577-0002	up flat roof	Fibrous Homogeneous				
01-02-Tar	SW section - Built				100% Non-fibrous (other)	None Detected
041436577-0002A	up flat roof	Non-Fibrous Homogeneous		•		
01-02-Tar Feit	SW section - Built		30%	Glass	70% Non-fibrous (other)	None Detected
041436577-0002B	up flat roof	Fibrous Homogeneous				
01-02-Silver Paint	SW section - Built	Silver			100% Non-fibrous (other)	None Detected
041436577-0002C	up flat roof	Non-Fibrous Homogeneous				

Analyst(s)

Matthew Carralero (9) Quynh Vu (3)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 12/13/2014 16:16:51



Project:

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14-1446 / Dewberry / 301 Channel Drive

EMSL Order: 041436577 CustomerID: TTIE54 CustomerPO: 016594 ProjectID:

Fax: Received:	(856) 840-8800 (856) 840-8815 12/12/14 4:35 PM 12/13/2014 12/12/2014
F F	ax: Received: Analysis Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

				Non-Asl	<u>pestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
01-03-Flashing	NW section - Built	Black	20%	Synthetic	80% Non-fibrous (other)	None Detected
041436577-0003	up flat roof	Fibrous Homogeneous				
01-03-Tar	NW section - Built				100% Non-fibrous (other)	None Detected
041436577-0003A	up flat roof	Non-Fibrous Homogeneous				
01-03-Tar Felt	NW section - Built	Black	30%	Glass	70% Non-fibrous (other)	None Detected
041436577-0003B	up flat roof	Fibrous Homogeneous				
02-04-Shingle	South side center					Stop Positive (Not Analyzed)
041436577-0004	roof vent - Vent flashing					
02-04-Flashing	South side center	Black			88% Non-fibrous (other)	12% Chrysotile
041436577-0004A	roof vent - Vent flashing	Fibrous Homogeneous				
02-04-Tar	South side center	······································				Stop Positive (Not Analyzed)
041436577-0004B	roof vent - Vent flashing					
02-04-Silver Paint						Stop Positive (Not Analyzed)
041436577-0004C	roof vent - Vent flashing					
02-05	South side center					Stop Positive (Not Analyzed)
041436577-0005	perimeter - Perimeter flashing					
02-06	Northeast					Stop Positive (Not Analyzed)
041436577-0006	perimeter - Perimeter flashing					

Analyst(s)

Matthew Carralero (9) Quynh Vu (3)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Initial report from 12/13/2014 16:16:51

Experimental and the service of
Page 1 Of 1



APPENDIX E:

ASBESTOS – NON-ASBESTOS SUMMARY



-

Non-Asbestos Materials Summary

Location	Hom No.	<u>Material Name</u>	Amount	Units
205 Channel Drive				
Bedroom #1	205-07	Drywall/Spackle	220 S	SF
Outside under Siding	205-02	Roof Shingles	6,000 S	SF
	205-03	Tar Paper	6,000 S	SF
205B Channel Drive				
North Center Storage	205B-01	Drywall/Spackle	100 S	SF
Roof	205B-R03	Shingle Roof	3,300 S	SF
	205B-R02	Roof Flashing	600 I	LF
	205B-R01	Flat Roof	1,600 S	SF
205C Channel Drive				
North Corner of Building Storage	205C-02	12"x12" Tan Floor Tile/Mastic	170 S	SF
	205C-01	Drywall/Spackle	450 S	SF
North West Corner of Building	205C-03	12"x12" Green Floor Tile/Mastic	60 S	SF
	205C-02	12"x12" Tan Floor Tile/Mastic	700 S	SF
	205C-01	Drywall/Spackle	1,800 S	SF
South Corner of Building	205C-04	Transite Panels	15 S	SF
	205C-01	Drywall/Spackle	1,950 S	SF
209 Channel Drive				
1st Floor	209-07	Flue Patch	2 S	SF
	209-03	Drywall/Spackle	1,400 S	SF
Outside	209-06	Flat Roof Flashing	440 S	SF
	209-05	Flat Roof Field	5,200 S	SF
	209-08	Roof Shingles	20 S	SF
	209-04	Exterior Stucco	4,800 S	SF
301 Channel Drive				
Break Room	301-05	2'x4' Ceiling Tile, Textured	400 S	SF
	301-01	Drywall/Spackle	1,800 S	SF
Electric Room	301-01	Drywall/Spackle	150 S	SF
Front Room	301-01	Drywall/Spackle	1,600 S	SF
	301-06	Black Mastic on Wall	150 S	SF
	301-03	Tile Grout	140 S	SF
	301-02	Plaster Ceiling	332 S	SF



Non-Asbestos Materials Summary

Location	Hom No.	<u>Material Name</u>	Amount Units
Ladies Restroom	301-07	Fiberboard	2 SF
Office	301-01	Drywall/Spackle	600 SF
	301-06	Black Mastic on Wall	80 SF
Outside Office	301-08	White Linoleum	120 SF
Roof	301-R01	Flat Roof	30,000 SF
Small Cooler Room #1	301-04	Mortar Bed	3,600 SF



APPENDIX F:

LEAD – XRF SURVEY

	APPENDIX F - XRF ANALYTICAL SAMPLING RESULTS									
	205 Channel Avenue									
		11/25/2014								
Reading	Location	<u>Structure</u>	Feature	Substrate	<u>Color</u>	Lead				
<u>Number</u>						(mg/cm2)				
1	Calibration					1.9				
2	Calibration					1.8				
3	Calibration					2.0				
4	D Entrance	Door		Metal	Aqua	0.3				
5	D Entrance	Door	Frame	Wood	White	-0.1				
6	Bedroom #1	Ceiling		Drywall	White	0.0				
7	Kitchen	Ceiling		Drywall	White	0.1				
8	Bedroom #2	Ceiling		Drywall	Brown	-0.2				
9	Bedroom #2	Door		Metal	Aqua	0.1				

APPENDIX F - XRF ANALYTICAL SAMPLING RESULTS 205B Channel Avenue 11/26/2014															
									Reading	Location	<u>Structure</u>	<u>Feature</u>	<u>Substrate</u>	<u>Color</u>	Lead
									Number						<u>(mg/cm2</u>
1	Calibration					2.0									
2	Calibration					1.9									
3	Calibration					2.0									
4	Interior NE Section Shop	Square Column		Steel	Red	0.6									
5	Interior NE Section Shop	Square Column		Steel	Red	< 0.1									
6	Center Area	Round Column		Steel	Brown	0.1									
7	Interior SW Wall	Round Column		Steel	Brown	0.1									
8	Interior NE Section	I Beam		Steel	Blue	0.1									
9	North	Wall		Cinder Block	Grey	0.1									
10	Office North	Wall		Cinder Block	White	0.2									
11	Office East	Ceiling		Plywood	White	0.4									
12	Office South	Wall		Wood	White	-0.0									
13	Office	Storm Door		Steel	Brown	-0.3									
14	Office	Door	Trim	Wood	Brown	-0.1									
15	Interior SE Garage	South Wall		Cinder Block	White	-0.1									
16	Interior SE Garage	Window	Trim	Wood	White	0.0									
17	Interior SE Garage	Door		Steel	Gray	0.1									
18	Interior SE Garage	Door	Frame	Steel	Gray	-0.1									
19	Interior SE Garage	Wall		Plywood	White	-0.3									
20	Interior SE Garage	I Beam		Steel	Black	0.0									
21	Interior North Center Storage	I Beam		Steel	Red	0.5									
22	Interior North Center Storage	Entry Door		Wood	Aqua	-0.1									
23	Interior North Center Storage	Entry Door	Frame	Wood	Aqua	-0.1									
24	Interior North Center Storage	Closet Door		Steel	White	-0.1									
25	Interior North Center Storage	Closet Door	Frame	Steel	White	-0.1									
26	Interior North Center Storage	Wall		Cinder Block	White	-0.1									
27	South Center Elec. Panel Room	Entry Door		Steel	White	0.2									
28	South Center Elec. Panel Room	Entry Door	Frame	Steel	White	0.1									
29	South Center Elec. Panel Room	South Wall		Cinder Block	Gray	-0.3									
30	South Center Elec. Panel Room	Roof Joist		Wood	Gray	-0.1									
31	South Center Elec. Panel Room	Deck/ceiling		Plywood	Gray	-0.1									
32	South Center Elec. Panel Room	I Beam		Steel	Black	0.1									
33	South Center Elec. Panel Room	Shelf		Steel	Yellow	0.0									
34	Ice Room	Equipment Frame		Steel	Brown	1.3									
35	Ice Room	Square Equipment Column		Steel	Gray	1.3									
36	2nd Floor Refrig. Equip. Room	West Wall		Plywood	White	-0.1									
37	2nd Floor Refrig. Equip. Room	North Wall		Cinder Block	White	-0.1									
38	2nd Floor Refrig. Equip. Room	Ceiling		Plywood	White	-0.1									
39	2nd Floor Refrig. Equip. Room	Floor		Plywood	Gray	0.0									

APPENDIX F - XRF ANALYTICAL SAMPLING RESULTS									
	205C Channel Drive								
	11/25/2014								
<u>Reading</u>	Location	<u>Structure</u>	<u>Feature</u>	<u>Substrate</u>	<u>Color</u>	Lead			
<u>Number</u>						(mg/cm2			
1	Calibration					1.9			
2	Calibration					2.0			
3	Calibration					2.0			
4	Exterior West	Wall		Cinder Block	White	0.1			
5	Exterior West	Wall		Wood	White	0.0			
6	Exterior North	Wall		Concrete	White	0.1			
7	Exterior East	Wall		Concrete	White	0.2			
8	Exterior South	Wall		Wood	Aqua	-0.2			
9	Exterior South	Soffit		Wood	White	-0.1			
10	Interior North	Wall		Drywall	Tan	-0.1			
11	Interior North	Wall		Cinder Block	Tan	-0.1			
12	Interior East	Wall		Drywall	Tan	-0.0			
13	Interior South	Wall		Drywall	Tan	-0.1			
14	Interior South	Wall		Drywall	Tan	-0.0			
15	Interior West	Wall		Drywall	Tan	-0.1			
16	Interior	Ceiling		Drywall	Tan	-0.0			
17	Interior	Ceiling		Drywall	Tan	-0.1			
18	Interior	Column		Steel	Brown	-0.1			
19	Interior	Column		Steel	White	-0.0			

	APPENDIX F - XRF ANALYTICAL SAMPLING RESULTS								
	209 Channel Avenue								
	11/24/2014								
Reading	Location	<u>Structure</u>	Feature	<u>Substrate</u>	<u>Color</u>	Lead			
<u>Number</u>						(mg/cm2)			
1	Calibration					2.0			
2	Calibration					2.0			
3	Calibration					1.9			
4	Large Open Room	Wall		Cement Block	Aqua	-0.1			
5	Large Open Room	Wall		Drywall	White	0.1			
6	Large Open Room	Beam		Steel	White	-0.1			
7	Large Open Room	Beam		Steel	White	-0.1			
8	Center Room	Door	Frame	Wood	Brown	-0.1			
9	Center Room	Wall		Cement Block	Aqua	-0.1			
10	Bathroom	Door	Frame	Wood	Brown	-0.2			
11	Center Room	Wall		Cement Block	White	-0.1			
12	Center Room	Window	Frame	Wood	Aqua	-0.1			
13	Bayside Room	Ceiling		Drywall	White	-0.1			
14	Bayside Room	Wall		Rough Cement	White	-0.2			

APPENDIX F - XRF ANALYTICAL SAMPLING RESULTS								
301 Channel Avenue								
11/26/2014								
Reading	Location	Structure	Feature	Substrate	Color	Lead		
Number						(mg/cm2)		
1	Calibration					2.0		
2	Calibration					2.0		
3	Calibration					1.9		
4	Break Room	Wall		Drywall	Tan			
5	Break Room	Door		Metal	Gray	0.0		
6	Break Room	Door	Frame	Metal	Gray	0.1		
7	Break Room	Window	Sill	Wood	White	-0.1		
8	Break Room	Door	Frame	Wood	White	-0.1		
9	Warehouse	Wall		Cinder Block	Tan	0.4		
10	Warehouse	Column		Metal	Tan	-0.1		
11	Warehouse	Door		Metal	Tan	0.0		
12	Ladies Restroom	Door	Frame	Wood	Tan	-0.2		
13	Ladies Restroom	Floor		Concrete	Gray	-0.1		
14	Ladies Restroom	Window	Frame	Wood	White	-0.2		
15	Ladies Restroom	Wall		Concrete	White	0.0		
16	Ladies Restroom	Stall		Metal	Gray	0.0		
17	Warehouse	Door	Frame	Metal	Black	0.4		
18	Cold Storage	Railing		Wood	Yellow	0.0		
19	Cold Storage	Column		Metal	Yellow	0.2		
20	Cold Storage	Door		Metal	White	0.0		
21	Large Storage	Railing		Metal	Yellow	-0.2		
22	Large Storage	Wall		Styrofoam	Yellow	-0.2		
23	Outside	Railing		Metal	Yellow	-0.1		
24	Outside	Railing		Metal	Yellow	-0.1		
25	Outside	Stringer		Metal	Black	-0.1		
26	Outside	Tread		Metal	Yellow	0.0		
27	Outside	Wall		Cinder Block	White	-0.1		
28	Outside	Door		Metal	Gray	-0.1		
29	Outside	Door	Frame	Metal	Gray	-0.1		
30	Outside	Door		Metal	White	-0.2		
31	Outside	Door	Frame	Wood	White	-0.1		
32	Warehouse	Column		Metal	White	-0.1		
33	Mechanical Room	Door		Metal	White	0.1		
34	Mechanical Room	Wall		Cinder Block	Tan	-0.2		
35	Mechanical Room	Window	Frame	Wood	Tan	-0.3		
36	Office	Wall		Drywall	Green	-0.1		
37	Office	Wall		Wood	Green	0.0		
38	Office	Wall		Wood	Green	-0.1		