Exhibit D

Asbestos Survey Report &
Metals Survey Report of Painted Concrete

Parcel 259-B
1334 Highland Terrace
Richmond Heights, MO 63117

MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: Randall Glaser-6de

COPY:

FROM: Diane Roegge
Environmental Chemist

DATE: February 18, 2010

SUBJECT: Materials
Asbestos & Heavy Metal Paint Inspection
Route I-64
Job No. J6I0978
Parcel 259-B
St Louis County

We are providing you with the results of the requested inspection on the above referenced property. The inspection report contains an asbestos and a heavy metals survey, unless otherwise requested. The asbestos inspection included sample collection of suspect asbestos-containing material and National Voluntary Laboratory Accreditation Program (NVLAP) accredited testing to confirm the presence of asbestos. This asbestos and heavy metal paint report includes five (5) different report forms. Form T746 lists all of the samples taken during the asbestos inspection. Form T747 shows only those samples that tested positive for Category I nonfriable asbestos-containing materials that may remain in the structure during demolition, if kept adequately wet to avoid visible air emissions. Form T748 shows only those samples that tested positive for asbestos and require removal prior to demolition. Form C760 lists all paint samples taken during the heavy metal paint inspection and their metal content. This information may be required for sanitary landfill or hazardous waste disposal. Also included are the test reports on the bulk asbestos samples (Form CL-EL-5) as requested by the local regulator.

In accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP), as well as city and county asbestos abatement regulations - Registration, Notification, and Performance Requirements, regulated asbestos-containing material (RACM) namely, Friable and Category II nonfriable, have a high probability of becoming friable under normal demolition forces. Practices and procedures for removal prior to demolition, disposal, and clearances should be in accordance with referenced regulations. Missouri Department of Transportation policy is to perform asbestos abatements in accordance with NESHAP.

In accordance with Missouri Department of Natural Resources' Technical Bulletin "Managing Construction and Demolition Waste" dated January 31, 2003, a heavy metal paint inspection has been performed on the above referenced property. We are providing you with the results of this inspection. The inspection includes locating painted concrete, block and/or brick surfaces,

sampling the painted surface(s) and testing the paint(s) to determine if hazardous heavy metals are present. Non-hazardous painted concrete, blocks, or bricks may be used as clean fill materials, if properly handled. You must contact the Central Office Design Division for proper handling of the reported painted surfaces.

Although our survey included observing and sampling behind walls, above ceilings, beneath floors, etc., it is possible that potentially hidden asbestos-containing materials may exist within the structure. To our knowledge, we have located all suspect asbestos-containing and all painted concrete, block and brick surfaces. If suspect asbestos-containing materials or if painted concrete, block and/or brick surfaces are observed in addition to those reflected in this inspection report, then please advise us immediately so that we may schedule a follow-up inspection.

Should you have any questions regarding these reports, please contact me at (573) 526-4360.

db/dr
J:\barred\asbestos\District 6\J6I's\J6I0978\dr1002181.doc
Attachments

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All Suspect ACM

ROUTE:	I-64	**SURVEYED BY:**	Frank Reichart & Diane Roegge
MODOT JOB NO.:	J6I0978	**CERTIFICATION #:**	7028020509MOIR11239, and 7028011405MOII11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028020509MOIR7165, and 7028021905MOIR7165, D.R.
COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
DATE OF SURVEY:	August 8-9, 2005; and February 16, 2010	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
PARCEL NO.:	259-B (Revised)		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
5MFJR 414	Asphalt Roof Shingles	Main Roof, 1st Layer	N-ACM	
5MFJR 415	Asphalt Roof Shingles	Main Roof, 2nd Layer	N-ACM	
5MFJR 416	Asphalt Felt Material	Main Roof, Under 2nd Layer	N-ACM	
5MFJR 417	Asphalt Joint Compound	Main Roof, Around Dormers and Chimneys	I NF	20 Sq. Ft.
5MFJR 418	Asphalt Roof Shingles	Roof, Back Porch	N-ACM	
5MFJR 419	Asphalt Felt Material	Roof, Back Porch, Under Roof Shingles	N-ACM	
5MFJR 420	Asphalt Rolled Roofing	Ends of House and Around Dormers	N-ACM	
5MFJR 421	Stucco	Gables, Under and Above Asphalt Rolled Roofing	II NF	474 Sq. Ft.
10MFJR 037	Caulking on Windows	4-Basement Windows	II NF	30 Lin. Ft.
10MFJR 038	Caulking on Windows	1-Front, Living Room, Quadruple, 1st Floor	N-ACM	
10MFJR 039	Caulking on Windows	4-Front, Bedroom #1, 2nd Floor	N-ACM	
10MFJR 040	Caulking on Windows	2-Dining Room (South & Back), Double, 1st Floor	N-ACM	
10MFJR 041	Caulking on Windows	1-Kitchen, By Back Door, Single, 1st Floor	N-ACM	
10MFJR 042	Caulking on Windows	1-Kitchen, North (Sink), Single, 1st Floor	N-ACM	
10MFJR 043	Caulking on Windows	Stained Glass Windows: 1-Front, 2-South, and 1-North	N-ACM	
10MFJR 044	Caulking on Windows	4-Back Dormer Windows, 3-Bedroom #3 and 1-Bed #2, 2nd Floor	II NF	59 Lin. Ft.
10MFJR 045	Caulking on Windows	1-Bedroom #1 (South), Single, 2nd Floor	II NF	14 Lin. Ft.
10MFJR 046	Caulking on Windows	1-Bedroom #2 (South), Double, 2nd Floor	N-ACM	
5MFJR 423	Caulking on Brick	Windows and Doors	N-ACM	
5MFJR 424	Surfacing Material	Ceiling, Living Room	N-ACM	
5MFJR 425	Surfacing Material	Ceiling, Dining Room	N-ACM	
5MFJR 426	Surfacing Material	Ceiling, Bedroom #3	N-ACM	
5MFJR 427	Ceiling Tile	Kitchen	N-ACM	

N-ACM = Non-Asbestos Containing Material I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable
NAFD = No Asbestos Fiber Detected * = Tested By Point Count Procedure

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All Suspect ACM

ROUTE:	I-64	**SURVEYED BY:**	Frank Reichart & Diane Roegge
MODOT JOB NO.:	J6I0978	**CERTIFICATION #:**	7028020509MOIR11239, and 7028011405MOII11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028020509MOIR7165, and 7028021905MOIR7165, D.R.
COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
DATE OF SURVEY:	August 8-9, 2005; and February 16, 2010	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
PARCEL NO.:	259-B (Revised)		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
5MFJR 428	Felt Paper	Dining Room, Under Hardwood Flooring	N-ACM	
5MFJR 429	Adhesive, Paneling	Walls, Kitchen	N-ACM	
5MFJR 430	Mortar, Ceramic Tile	Walls, Bathroom, 2nd Floor	N-ACM	
5MFJR 431	Grout, Ceramic Tile	Walls, Bathroom, 2nd Floor	N-ACM	
5MFJR 432	Mortar, Ceramic Tile	Floor Bathroom, 2nd Floor	N-ACM	
5MFJR 433	Grout, Ceramic Tile	Floor Bathroom, 2nd Floor	N-ACM	
5MFJR 434	Mortar, Ceramic Tile	Floor, Kitchen	N-ACM	
5MFJR 435	Grout, Ceramic Tile	Floor, Kitchen	N-ACM	
5MFJR 436	Mortar, Ceramic Tile	Hearth, Living Room	N-ACM	
5MFJR 437	Grout, Ceramic Tile	Hearth, Living Room	N-ACM	
5MFJR 438	Sheetrock, Joint/Tape/Mud	Walls, Kitchen	N-ACM	
5MFJR 439	Sheetrock, 2 Ft. From Joint	Walls, Kitchen	N-ACM	
5MFJR 440	Sheetrock, Joint/Tape/Mud	Walls & Ceiling, Bedroom #3	N-ACM	
5MFJR 441	Sheetrock, 2 Ft. From Joint	Walls & Ceiling, Bedroom #3	N-ACM	
5MFJR 442	Skim Coat	Walls & Ceiling, 1st Floor	N-ACM	
5MFJR 443	Plaster	Walls & Ceiling, 1st Floor	N-ACM	
5MFJR 444	Skim Coat	Walls & Ceiling, 1st Floor	N-ACM	
5MFJR 445	Plaster	Walls & Ceiling, 1st Floor	N-ACM	
5MFJR 446	Skim Coat	Walls & Ceiling, 2nd Floor	N-ACM	
5MFJR 447	Plaster	Walls & Ceiling, 2nd Floor	N-ACM	
5MFJR 448	TSI Wrap	Duct Work, Vertical Runs to 1st Floor	F	91 Sq. Ft.
5MFJR 449	TSI Wrap	Duct Work, Vertical Runs to 2nd Floor	F	
5MFJR 450	TSI Wrap	Duct Work, Vertical Runs to 2nd Floor	F	

N-ACM = Non-Asbestos Containing Material I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable
NAFD = No Asbestos Fiber Detected * = Tested By Point Count Procedure

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All Suspect ACM

ROUTE:	I-64	**SURVEYED BY:**	Frank Reichart & Diane Roegge
MODOT JOB NO.:	J6I0978	**CERTIFICATION #:**	7028020509MOIR11239, and 7028011405MOII11239, F.R.
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COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
DATE OF SURVEY:	August 8-9, 2005; and February 16, 2010	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
PARCEL NO.:	259-B (Revised)		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
5MFJR 451	Insulation	Attic	N-ACM	
5MFJR 452	Insulation	Attic	N-ACM	

N-ACM = Non-Asbestos Containing Material I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable
NAFD = No Asbestos Fiber Detected * = Tested By Point Count Procedure

Form T747
Rev. 04/2003

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
Nonfriable Asbestos-Containing Materials
(Abatement not required if not made friable during demolition.)

ROUTE:	I-64	**TESTED BY:**	Frank Reichart & Diane Roegge
MODOT JOB NO.:	J6I0978	**CERTIFICATION #:**	7028020509MOIR11239, and 7028011405MOII11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028020509MOIR7165, and 7028021905MOIR7165, D.R.
COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
DATE OF TESTS:	August 17-18, 2005; and February 17-18, 2010	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
PARCEL NO.:	259-B (Revised)		

Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
5MFJR 417	Asphalt Joint Compound	Main Roof, Around Dormers and Chimneys	I NF	20 Sq. Ft.	Chrysotile	10-20

All necessary work to handle this material is the contractor's responsibility.

I NF = Category I Nonfriable II NF = Category II Nonfriable

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All materials requiring removal or special handling.

ROUTE:	I-64	**TESTED BY:**	Frank Reichart & Diane Roegge DR
MODOT JOB NO.:	J6I0978	**CERTIFICATION #:**	7028020509MOIR11239, and 7028011405MOII11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028020509MOIR7165, and 7028021905MOIR7165, D.R.
COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
DATE OF TESTS:	August 17-18, 2005;and February 17-18, 2010	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
PARCEL NO.:	259-B (Revised)		

Bid Item No.	Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
202-40.43	5MFJR 421	Stucco	Gables, Under and Above Asphalt Rolled Roofing	II NF	474 Sq. Ft.	Chrysotile	3-8
202-40.46	10MFJR 037	Caulking on Windows	4-Basement Windows	II NF	30 Lin. Ft.	Chrysotile	1-2
202-40.46	10MFJR 044	Caulking on Windows	4-Back Dormer Windows, 3-Bedroom #3 and 1-Bed #2, 2nd Floor	II NF	59 Lin. Ft.	Chrysotile	3-8
202-40.46	10MFJR 045	Caulking on Windows	1-Bedroom #1 (South), Single, 2nd Floor	II NF	14 Lin. Ft.	Chrysotile	3-8
202-40.27	5MFJR 448	TSI Wrap	Duct Work, Vertical Runs to 1st Floor	F	91 Sq. Ft.	Chrysotile	60-80
	5MFJR 449	TSI Wrap	Duct Work, Vertical Runs to 2nd Floor	F		Chrysotile	60-80
	5MFJR 450	TSI Wrap	Duct Work, Vertical Runs to 2nd Floor	F		Chrysotile	60-80

I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable * = Tested By Point Count Procedure

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Metals Survey Report of Painted Concrete, Block, Brick and Surfaces

ROUTE:	I-64	**TESTED BY:**	Frank Reichart
MODOT JOB NO.:	J6I0978	**DATE OF TESTS:**	August 8-9, 2005
DISTRICT:	6	**PARCEL NO.:**	259-B (Revised)
COUNTY:	St. Louis	**SITE ADDRESS:**	1334 Highland Terrace, Richmond Heights MO 63117
SURVEYED BY:	Frank Reichart	**TYPE OF STRUCTURE:**	2 Story Brick and Wood-Frame House with Full Basement
DATE OF SURVEY:	August 8-9, 2005		

Sample ID	Color/Location of Material/Substrate	Metals (ppm)							
		As	Cr	Pb	Cd	Se	Ba	Hg	Ag
5MFJR 453	White/Back Porch Wall/Concrete			5,280					
5MFJR 454	White/Back Porch Wall/Brick			4,400					
5MFJR 455	White/Interior Basement Wall/Concrete			127					
5MFJR 456	White/Interior Basement Wall/Block			110					
5MFJR 457	White/Interior Basement Wall/Brick			43					
5MFJR 458	White/Interior Fireplace/Brick			561					

All results are by XRF unless otherwise indicated: a = USEPA SW-846 Method 3050
b = USEPA SW-846 Method 7471

Addendum to Painted Concrete Survey – Form C760
March 1. 2010

The results for Parcel 259-B (1334 Highland Terrace, Richmond Heights, MO), indicates that the following areas sampled exceed the levels established by MDNR allowed for use as clean fill, specifically Lead (Pb):

White/Back Porch Wall/Concrete (5MFJR 453) - exceeds for Lead.

The area of white paint is on a relatively small area of the back porch.

All other locations sampled, as noted on Form C760, did not exceed levels established by MDNR for use as clean fill.

For demolition purposes only: Note: TCLP testing is not required. Based on the results, the material identified above will need to be sent to a demolition landfill. If a demolition landfill is not available then the material will need to be disposed of in a sanitary landfill. The results for all other concrete/block material sampled is acceptable for use as clean fill. If the project allows, it is recommended that painted concrete that is acceptable for use as clean fill be used on MoDOT right of way as fill.

Randall Glaser
Project Manager
MoDOT – District 6

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Francisco Liñán-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR414*	5MFJR415*	5MFJR416*	5MFJR417*
Material Type	Asphalt Roofing Shingles	Asphalt Roofing Shingles	Asphalt Felt Material	Asphalt Joint Compound
Appearance (Color/Texture)	Beige/Ash & Aggregate	Cream/Ash & Aggregate	Beige/Ashed Fluff	Lt Gray/Dense Powder
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☒Yes ☐No
If Yes, Type and Percent				
Chrysotile				10-15
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	10-15
OTHER FIBERS DETECTED?	☒Yes ☐No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Glass	10-20			
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	10-20	0	0	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder	70-85	90-95	95-99	85-90
Calcite				
Gypsum				
Granular Materials	5-10	5-10		
Other (specify, if known)			1-5	
TOTAL % NONFIBROUS	80-90	100	100	85-90

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

Quantification is based on a visual determination of the relative volume of bulk sample components unless otherwise noted. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. Method used: EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (40 CFR 763 Appendix E to Subpart E, July 1, 1999 Edition). No part of this report may be reproduced except in full with the written permission of MoDOT Chemical Laboratory.

Diana R. Reagge
Environmental Chemist

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NVLAP LAB CODE 200544-0

Chemical Laboratory Director

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Francisco Liñán-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR418*	5MFJR419*	5MFJR420*	5MFJR421
Material Type	Asphalt Roofing Shingles	Asphalt Felt Material	Asphalt Rolled Roofing	Stucco
Appearance (Color/Texture)	Cream/Ash & Aggregate	Cream/Ashed Fluff	Gray/Ash & Aggregate	White/Aggregate Matrix
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☒Yes ☐No
If Yes, Type and Percent				
Chrysotile				3-8
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	3-8
OTHER FIBERS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0	0	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder	90-95	95-99	90-95	
Calcite				
Gypsum				
Granular Materials	5-10		5-10	92-97
Other (specify, if known)		1-5		
TOTAL % NONFIBROUS	100	100	100	92-97

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

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Diane R. Roegge
Environmental Chemist

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Chemical Laboratory Director

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Francisco Liñán-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR422*	5MFJR423*	5MFJR424*	5MFJR425*
Material Type	Window Caulk	Masonry Caulk	Surfacing Material	Surfacing Material
Appearance (Color/Texture)	White/Sl. Soft, Fine	White/Sl. Soft, Powder	Gray/Crunchy Powder	Gray/Crunchy Powder
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0	0	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials		100	100	100
Other (specify, if known)	100			
TOTAL % NONFIBROUS	100	100	100	100

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

Quantification is based on a visual determination of the relative volume of bulk sample components unless otherwise noted. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. Method used: EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (40 CFR 763 Appendix E to Subpart E, July 1, 1999 Edition). No part of this report may be reproduced except in full with the written permission of MoDOT Chemical Laboratory.

Diana R. Reggie
Environmental Chemist

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Chemical Laboratory Director

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Francisco Liñán-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR426*	5MFJR427*	5MFJR428*	5MFJR429*
Material Type	Surfacing Material	Ceiling Tile	Felt Paper	Adhesive
Appearance (Color/Texture)	Gray/Crunchy Powder	White/Soft, Airy	Beige/Ashed Fluff	White/Soft, Powder
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☒Yes ☐No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Glass		15-30		
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	15-30	0	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder			95-99	
Calcite				
Gypsum				
Granular Materials	100			
Other (specify, if known)		70-85	1-5	100
TOTAL % NONFIBROUS	100	70-85	100	100

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

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MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Francisco Liñán-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR430	5MFJR431	5MFJR432	5MFJR433
Material Type	Mortar	Grout	Mortar	Grout
Appearance (Color/Texture)	Gray/Cementitious	White/Hard, Fine	Gray/Cementitious	White/Aggregate Matrix
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☒Yes ☐No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				1-3, Hair
TOTAL % OTHER FIBERS	0	0	0	1-3
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	100	100	100	97-99
Other (specify, if known)				
TOTAL % NONFIBROUS	100	100	100	97-99

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR434	5MFJR435	5MFJR436	5MFJR437
Material Type	Mortar	Grout	Mortar	Grout
Appearance (Color/Texture)	White/Aggregate Matrix	Tan/Aggregate Matrix	Gray/Cementitious	Gray/Aggregate Matrix
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0	0	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	100	100	100	100
Other (specify, if known)				
TOTAL % NONFIBROUS	100	100	100	100

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR438	5MFJR438	5MFJR438	5MFJR438
Material Type	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud
Appearance (Color/Texture)	White/Fine, Pressed	White/Open Weave	Tan/Fiber Mat	White/Hairy Powder
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Layer #	mud	tape	paper	powder
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Glass		97-99		
Cellulose			95-99	5-15
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	97-99	95-99	5-15
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				85-95
Granular Materials	100			
Other (specify, if known)		1-3	1-5	
TOTAL % NONFIBROUS	100	1-3	1-5	85-95

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR439	5MFJR439	5MFJR439	5MFJR440
Material Type	Sheetrock, 2 Foot from Joint	Sheetrock, 2 Foot from Joint	Sheetrock, 2 Foot from Joint	Sheetrock, Joint/Tape/Mud
Appearance (Color/Texture)	White/Fine, Pressed	Tan/Fiber Mat	White/Hairy Powder	White/Fine, Pressed
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Layer #	mud	paper	powder	mud
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☐Yes ☒No	☒Yes ☐No	☒Yes ☐No	☐Yes ☒No
If Yes, Type and Percent				
Glass				
Cellulose		95-99	5-15	
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	95-99	5-15	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	100		85-95	
Other (specify, if known)		1-5		100
TOTAL % NONFIBROUS	100	1-5	85-95	100

REMARKS: ***(deviations/departures from test method)***

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Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR440	5MFJR440	5MFJR440	5MFJR441
Material Type	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Sheetrock, 2 Foot from Joint
Appearance (Color/Texture)	White/Open Weave	Tan/Fiber Mat	White/Hairy Powder	Tan/Fiber Mat
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Layer #	tape	paper	powder	paper
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Glass	97-99			
Cellulose		95-99	5-15	95-99
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	97-99	95-99	5-15	95-99
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum			85-95	
Granular Materials				
Other (specify, if known)	1-3	1-5		1-5
TOTAL % NONFIBROUS	1-3	1-5	85-95	1-5

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR441	5MFJR442	5MFJR443	5MFJR444
Material Type	Sheetrock, 2 Foot from Joint	Skim Coat	Plaster	Skim Coat
Appearance (Color/Texture)	White/Hairy Powder	Off-White/Hard, Fine	Beige/Aggregate Matrix	Off-White/Hard, Fine
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☒Yes ☐No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	powder	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile				
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	0
OTHER FIBERS DETECTED?	☒Yes ☐No	☐Yes ☒No	☒Yes ☐No	☐Yes ☒No
If Yes, Type and Percent				
Glass				
Cellulose	5-15			
Synthetic				
Other (specify, if known)			1-5, Hair	
TOTAL % OTHER FIBERS	5-15	0	1-5	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum	85-95			
Granular Materials		100	95-99	100
Other (specify, if known)				
TOTAL % NONFIBROUS	85-95	100	95-99	100

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR445	5MFJR446	5MFJR447	5MFJR448
Material Type	Plaster	Skim Coat	Plaster	TSI Wrap
Appearance (Color/Texture)	Beige/Aggregate Matrix	Off-White/Hard, Fine	Beige/Aggregate Matrix	Off-White/Fiber Mat
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☒Yes ☐No
If Yes, Type and Percent				
Chrysotile				60-80
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	60-80
OTHER FIBERS DETECTED?	☒Yes ☐No	☐Yes ☒No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Glass				
Cellulose				15-39
Synthetic				
Other (specify, if known)	1-5, Hair		1-5, Hair	
TOTAL % OTHER FIBERS	1-5	0	1-5	15-39
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	95-99	100	95-99	
Other (specify, if known)				1-5
TOTAL % NONFIBROUS	95-99	100	95-99	1-5

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 08/08-09/05 Received 08/11/05 Completed 08/18/05 Reported 08/19/05

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	5MFJR449	5MFJR450	5MFJR451	5MFJR452
Material Type	TSI Wrap	TSI Wrap	Insulation	Insulation
Appearance (Color/Texture)	Off-White/Fiber Mat	Off-White/Fiber Mat	White/Fiber Puff	Gold/Puffed Flakes
Homogeneous?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No	☐Yes ☒No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	☒Yes ☐No	☒Yes ☐No	☐Yes ☒No	☐Yes ☒No
If Yes, Type and Percent				
Chrysotile	60-80	60-80		
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	60-80	60-80	0	0
OTHER FIBERS DETECTED?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☐Yes ☒No
If Yes, Type and Percent				
Glass			97-99	
Cellulose	15-39	15-39		
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	15-39	15-39	97-99	0
NONFIBROUS MATRIX?	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No	☒Yes ☐No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials				
Other (specify, if known)	1-5	1-5	1-3	100, Vermiculite
TOTAL % NONFIBROUS	1-5	1-5	1-3	100

REMARKS: ***(deviations/departures from test method)***

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Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 02/10/2010 Received 02/16/2010 Completed 02/18/2010 Reported 02/18/2010

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	10MFJR037*	10MFJR038*	10MFJR039*	10MFJR040*
Material Type	Window Caulk	Window Caulk	Window Caulk	Window Caulk
Appearance (Color/Texture)	White/Hard Fine	Pale Gray/Shiny Sl Soft	Off-White/Fine Sl Soft	Pale Gray/Shiny Sl Soft
Homogeneous?	X Yes | No	X Yes | No	X Yes | No	X Yes | No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	Yes | X No	Yes | X No	Yes | X No	Yes | X No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	X Yes | No	Yes | X No	Yes | X No	Yes | X No
If Yes, Type and Percent				
Chrysotile	1-2			
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	1-2	0	0	0
OTHER FIBERS DETECTED?	Yes | X No	Yes | X No	Yes | X No	Yes | X No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0	0	0
NONFIBROUS MATRIX?	X Yes | No	X Yes | No	X Yes | No	X Yes | No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	98-99	100	100	100
Other (specify, if known)				
TOTAL % NONFIBROUS	98-99	100	100	100

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

Quantification is based on a visual determination of the relative volume of bulk sample components unless otherwise noted. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. Sampling Procedure used: MoDOT PLM QAM Section 8.1 Test Method used: EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (EPA-600/M4-82-020 Dec. 1982). No part of this report may be reproduced except in full with the written permission of MoDOT Chemical Laboratory.

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Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 02/10/2010 Received 02/16/2010 Completed 02/18/2010 Reported 02/18/2010

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	10MFJR041*	10MFJR042*	10MFJR043*	10MFJR044*
Material Type	Window Caulk	Window Caulk	Window Caulk	Window Caulk
Appearance (Color/Texture)	Off-White/Shiny Sl Soft	Off-White/Sl Soft Fine	Pale Gray/V Hard Fine	Cream/Sl Soft
Homogeneous?	X Yes | No	X Yes | No	X Yes | No	X Yes | No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	Yes | X No	Yes | X No	Yes | X No	Yes | X No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	Yes | X No	Yes | X No	Yes | X No	X Yes | No
If Yes, Type and Percent				
Chrysotile				3-8
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	0	0	0	3-8
OTHER FIBERS DETECTED?	Yes | X No	Yes | X No	Yes | X No	Yes | X No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0	0	0
NONFIBROUS MATRIX?	X Yes | No	X Yes | No	X Yes | No	X Yes | No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	100	100	100	92-97
Other (specify, if known)				
TOTAL % NONFIBROUS	100	100	100	92-97

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

Quantification is based on a visual determination of the relative volume of bulk sample components unless otherwise noted. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. Sampling Procedure used: MoDOT PLM QAM Section 8.1 Test Method used: EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (EPA-600/M4-82-020 Dec. 1982). No part of this report may be reproduced except in full with the written permission of MoDOT Chemical Laboratory.

Environmental Chemist

NVLAP LAB CODE 200544-0

Chemical Laboratory Director

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
1617 Missouri Blvd, Jefferson City, MO 65101

Tested For: Randall Glaser-6de
1590 Woodlake Dr
Chesterfield, MO 63017

Project #: J6I0978
Route: I-64

Parcel: 259-B
County: St. Louis

Sampled 02/10/2010 Received 02/16/2010 Completed 02/18/2010 Reported 02/18/2010

TEST REPORT OF BULK SAMPLE ANALYSIS FOR ASBESTOS

Sample ID:	10MFJR045*	10MFJR046*		
Material Type	Window Caulk	Window Caulk		
Appearance (Color/Texture)	Cream/Sl Soft	Pale Gray/V Hard Fine		
Homogeneous?	X Yes | No	X Yes | No	Yes | No	Yes | No
If No, Sub-sample #	N/A	N/A	N/A	N/A
Layers Present?	Yes | X No	Yes | X No	Yes | No	Yes | No
If Yes, Layer #	N/A	N/A	N/A	N/A
ASBESTOS DETECTED?	X Yes | No	Yes | X No	Yes | No	Yes | No
If Yes, Type and Percent				
Chrysotile	3-8			
Amosite				
Crocidolite				
Fibrous Anthophyllite				
Fibrous Actinolite				
Fibrous Tremolite				
TOTAL % ASBESTOS	3-8	0		
OTHER FIBERS DETECTED?	Yes | X No	Yes | X No	Yes | No	Yes | No
If Yes, Type and Percent				
Glass				
Cellulose				
Synthetic				
Other (specify, if known)				
TOTAL % OTHER FIBERS	0	0		
NONFIBROUS MATRIX?	X Yes | No	X Yes | No	Yes | No	Yes | No
If Yes, Type and Percent				
Binder				
Calcite				
Gypsum				
Granular Materials	92-97	100		
Other (specify, if known)				
TOTAL % NONFIBROUS	92-97	100		

REMARKS: ***(deviations/departures from test method)***
*Sample was ashed.

Quantification is based on a visual determination of the relative volume of bulk sample components unless otherwise noted. The results are valid only for the item tested. This report may not be used to claim product endorsement by NVLAP or any agency of the US Government. Sampling Procedure used: MoDOT PLM QAM Section 8.1 Test Method used: EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (EPA-600/M4-82-020 Dec. 1982). No part of this report may be reproduced except in full with the written permission of MoDOT Chemical Laboratory.

Environmental Chemist

NVLAP LAB CODE 200544-0

Chemical Laboratory Director

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Missouri
Department
of Transportation

MoDOT

Pete K. Rahn, Director

105 West Capitol Avenue
P.O. Box 270
Jefferson City, MO 65102
(573) 751-2551
Fax (573) 751-6555
www.modot.org

February 18, 2010

Mr. Ari Yarovinski
Permit Engineer
St. Louis County Health Department
Air Pollution Control Program
111 South Meramec Avenue
Clayton, MO 63105

Re: Job J6I0978 Parcel 259-B

Mr. Yarovinski:

We are providing you with additional information to accompany the asbestos survey report for the property located at 1334 Highland Terrace, Richmond Heights, Missouri 63117.

This property consists of one structure. This structure is a two-story residence with a full basement of brick and wood-frame construction. There is a one-car garage in the full basement. The structure was built in 1928 and has an area of approximately 1,500 square feet.

Sincerely,

Frank Reichart
Environmental Chemist

Diane Roegge
Environmental Chemist