Exhibit D

Asbestos Survey Reports

Parcel 11, 984 Highway 50
Parcel 138, 4212 Old Highway 94 South
Parcel 170, 1590 Jungerman Road

MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: Randall Glaser-6de

COPY: ProjectWise

FROM: Diane Roegge DR
Environmental Chemist

DATE: March 19, 2009

SUBJECT: Materials
Asbestos & Heavy Metal Paint Inspection
Route 50
Job No. J6P2075
Parcel 11
Franklin 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 structures. 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
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Attachments

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

ROUTE: 50
MODOT JOB NO.: J6P2075
DISTRICT: 6
COUNTY: Franklin
DATE OF SURVEY: March 17, 2009
PARCEL NO.: 11

SURVEYED BY: Frank Reichart and Diane Roegge
CERTIFICATION #: 7028012508MOIR11239, F.R.
CERTIFICATION #: 7028012508MOIR7165, D.R.
SITE ADDRESS: 984 Highway 50, Union
TYPE OF STRUCTURE: 1-Story Wood-Frame House with Partial Basement and Attached 1-Car Garage and Small Metal Shed on Concrete Pad

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
	House			
9MFJR 189	Asphalt Roofing Shingles	Roof, 1st Layer; and Loose, Basement	N-ACM	
9MFJR 190	Asphalt Felt Material	Roof, 2nd Layer	N-ACM	
9MFJR 191	Asphalt Joint Compound	Roof, Around Chimney	I NF	4 Sq. Ft.
9MFJR 192	Transite Siding	Exterior Siding, and Loose, Crawlspace	II NF	1,278 Sq. Ft.
9MFJR 193	Asphalt Felt Material	Under Transite Siding, and Loose, Crawlspace	N-ACM	
9MFJR 194	Asphalt Felt Material (Strips)	Under Transite Siding, and Loose, Crawlspace	N-ACM	
9MFJR 195	Caulking on Windows	2½'x 5' Singles: 2-Family Room, 2-Bedroom #1, & 1-Bed #2 7¾'x 5' Triple: 1-Family Room	N-ACM	
9MFJR 196	Caulking on Windows	2½'x 3½': 1-Kitchen and 1-Bathroom	N-ACM	
9MFJR 197	Caulking on Windows	1-Living Room, 8'x 5'	N-ACM	
9MFJR 198	Caulking on Windows	3-Basement, 2½'x 1'	N-ACM	
9MFJR 199	TSI Wrap	Risers to 1st Floor Vents; Basement: Ductwork, Trunk Lines, Furnace, and Loose	F	167 Sq. Ft.
9MFJR 200	Floor Sheeting (White/Blue Floral)	Kitchen, 1st Layer, Over Wood; and Loose Roll	N-ACM	
9MFJR 201	Felt Material	Kitchen, 2nd Layer, Over Wood	N-ACM	
9MFJR 202	Floor Sheeting (Aggregate)	Shelf, Hall Closet, Over Wood	N-ACM	
9MFJR 203	Floor Sheeting (Starburst)	Loose, Crawlspace	N-ACM	
9MFJR 204	Floor Tile (12"x 12" Light Blue)	Loose, Garage	NAFD	
9MFJR 205	Floor Tile (12"x 12" Light Gray)	Family Room, 1st Layer, Over Wood	NAFD	
9MFJR 206	Floor Tile (9"x 9" White/Green & Pink Spots)	Family Room, 2nd Layer, Over Wood	NAFD	
9MFJR 207	Mastic/Asphalt Felt Material/Adhesive	Family Room, 3rd Layer, Over Wood	N-ACM	
9MFJR 208	Floor Tile (9"x 9" White)	Kitchen, 3rd Layer, Over Wood; and Crawlspace, Over Concrete	NAFD	

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:	50	**SURVEYED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6P2075	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	Franklin	**SITE ADDRESS:**	984 Highway 50, Union
DATE OF SURVEY:	March 17, 2009	**TYPE OF STRUCTURE:**	1-Story Wood-Frame House with Partial Basement and Attached
PARCEL NO.:	11		1-Car Garage and Small Metal Shed on Concrete Pad

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
	House (Continued)			
9MFJR 209	Floor Tile (9"x 9" Red)	Kitchen, 3rd Layer, Over Wood; and Crawlspace	NAFD	
9MFJR 210A	Asphalt Felt Material	Kitchen, 4th Layer, Over Wood; and Crawlspace	N-ACM	
9MFJR 210B	Mastic	Kitchen, 5th Layer, Over Wood	I NF	124 Sq. Ft.
9MFJR 211	Floor Tile (12"x 12" Blue)	Bathroom, 1st Layer, Over Wood; and Loose	NAFD	
9MFJR 212	Adhesive/Asphalt Felt Material/Adhesive	Bathroom, 2nd Layer, Over Wood	N-ACM	
9MFJR 213	Asphalt Felt Material	Under Hardwood Flooring	N-ACM	
9MFJR 214	Adhesive, Baseboards	Walls, Kitchen	N-ACM	
9MFJR 215	Adhesive, Faux Ceramic Tile	Walls, Kitchen, 1st Layer	N-ACM	
9MFJR 216	Floor Sheeting	Walls, Kitchen, 2nd Layer	N-ACM	
9MFJR 217	Adhesive, Floor Sheeting	Walls, Kitchen, 3rd Layer	N-ACM	
9MFJR 218	Adhesive, Faux Ceramic Tile	Walls, Bathroom, 1st Layer	N-ACM	
9MFJR 219	Floor Sheeting	Walls, Bathroom, 2nd Layer	N-ACM	
9MFJR 220	Adhesive, Floor Sheeting	Walls, Bathroom, 3rd Layer	N-ACM	
9MFJR 221	Ceiling Tile (2'x 4' Swirly)	Garage, 1st Layer	N-ACM	
9MFJR 222	Ceiling Tile (2'x 4' Wormy)	Garage, 1st Layer, and Basement	N-ACM	
9MFJR 223	Ceiling Tile (1'x 1')	Garage, 2nd Layer	N-ACM	
9MFJR 224	Ceiling Tile (2'x 4' Triangles)	Family Room, 1st Layer	N-ACM	
9MFJR 225	Ceiling Tile (1'x 1')	Family Room, 2nd Layer	N-ACM	
9MFJR 226	Ceiling Tile (1'x 1')	Basement	N-ACM	
9MFJR 227	Surfacing Material	Ceilings, Hallway and Bathroom	N-ACM	
9MFJR 228	Surfacing Material	Ceiling, Bedroom #1	N-ACM	
9MFJR 229	Sheetrock, Joint/Tape/Mud	Walls, Garage	N-ACM	

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

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MODOT JOB NO.:	J6P2075	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	Franklin	**SITE ADDRESS:**	984 Highway 50, Union
DATE OF SURVEY:	March 17, 2009	**TYPE OF STRUCTURE:**	1-Story Wood-Frame House with Partial Basement and Attached 1-Car Garage and Small Metal Shed on Concrete Pad
PARCEL NO.:	11		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
	House (Continued)			
9MFJR 230	Sheetrock, 2 Foot from Joint	Walls, Garage	N-ACM	
9MFJR 231	Skim Coat	Walls, Main Level	N-ACM	
9MFJR 232	Plaster	Walls, Main Level	N-ACM	
9MFJR 233	Sheetrock (No Mud/Tape)	Walls, Main Level	N-ACM	
9MFJR 234	Skim Coat	Walls, Main Level	N-ACM	
9MFJR 235	Plaster	Walls, Main Level	N-ACM	
9MFJR 236	Sheetrock (No Mud/Tape)	Walls, Main Level	N-ACM	
9MFJR 237	Skim Coat	Walls, Main Level	N-ACM	
9MFJR 238	Plaster	Walls, Main Level	N-ACM	
9MFJR 239	Sheetrock (No Mud/Tape)	Walls, Main Level	N-ACM	
9MFJR 240	Insulation	Walls, Main Level	N-ACM	
9MFJR 241	Insulation	Attic, Batts	N-ACM	
9MFJR 242	Insulation	Attic, Loose Fill	N-ACM	
	Shed			
	No samples taken. No suspect ACM located.			

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

ROUTE: 50
MODOT JOB NO.: J6P2075
DISTRICT: 6
COUNTY: Franklin
DATE OF TESTS: March 18-19, 2009
PARCEL NO.: 11

TESTED BY: Frank Reichart and Diane Roegge
CERTIFICATION #: 7028012508MOIR11239, F.R.
CERTIFICATION #: 7028012508MOIR7165, D.R.
SITE ADDRESS: 984 Highway 50, Union
TYPE OF STRUCTURE: 1-Story Wood-Frame House with Partial Basement and Attached 1-Car Garage and Small Metal Shed on Concrete Pad

Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
	House					
9MFJR 191	Asphalt Joint Compound	Roof, Around Chimney	I NF	4 Sq. Ft.	Chrysotile	15-30
9MFJR 210B	Mastic (Red/White 9"x 9")	Kitchen, 5th Layer, Over Wood	I NF	124 Sq. Ft.	Chrysotile	1-3
	Shed					
		None Located	I NF			

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

I NF = Category I Nonfriable

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

ROUTE:	50	**TESTED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6P2075	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	Franklin	**SITE ADDRESS:**	984 Highway 50, Union
DATE OF TESTS:	March 18-19, 2009	**TYPE OF STRUCTURE:**	1-Story Wood-Frame House with Partial Basement and Attached
PARCEL NO.:	11		1-Car Garage and Small Metal Shed on Concrete Pad

Bid Item No.	Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
		House					
202-40.38	9MFJR 192	Transite Siding	Exterior Siding, and Loose, Crawlspace	II NF	1,278 Sq. Ft.	Chrysotile	10-25
202-40.27	9MFJR 199	TSI Wrap	Risers to 1st Floor Vents; Basement: Ductwork, Trunk Lines, Furnace, and Loose	F	167 Sq. Ft.	Chrysotile	30-50
		Shed					
			None Located	F			
			None Located	II NF			

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:	50	**TESTED BY:**	Frank Reichart
MODOT JOB NO.:	J6P2075	**DATE OF TESTS:**	March 17, 2009
DISTRICT:	6	**PARCEL NO.:**	11
COUNTY:	Franklin	**SITE ADDRESS:**	984 Highway 50, Union
SURVEYED BY:	Frank Reichart	**TYPE OF STRUCTURE:**	1-Story Wood-Frame House with Partial Basement and Attached
DATE OF SURVEY:	March 17, 2009		1-Car Garage and Small Metal Shed on Concrete Pad

Sample ID	Color/Location of Material/Substrate	Metals (ppm)							
		As	Cr	Pb	Cd	Se	Ba	Hg	Ag
	House								
9MFJR 243	Brown/Exterior Basement Stairwell/Concrete			65					
9MFJR 244	Gray/Interior Walls and Floor, Garage/Concrete			328					
9MFJR 245	Gray/Interior Floor, Basement/Concrete			192					
9MFJR 246	Red/Interior Floor, Basement/Concrete			124					
9MFJR 247	White/Interior Walls, Basement/Concrete			18					
9MFJR 248	Peach/Interior Walls, Closet, Basement/Concrete			23					
9MFJR 249	Brown/Exterior Chimney/Block			255					
	Shed								
	No samples taken. No painted surfaces located.								

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

MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: Randall Glaser-6de

COPY:

FROM: Diane Roegge DR
Environmental Chemist

DATE: January 29, 2009

SUBJECT: Materials
Asbestos & Heavy Metal Paint Inspection
Route 364
Job No. J6U1028B
Parcel 138
St Charles 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.

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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 structures. 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\J6U's\J6U1028B\dr90129.doc
Attachments

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

ROUTE:	364	**SURVEYED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6U1028B	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	4212 South Old Highway 94, St Charles 63304
DATE OF SURVEY:	January 21-22, 2009	**TYPE OF STRUCTURE:**	1½-Story Wood-Frame House with Basement and Attached Office Addition
PARCEL NO.:	138		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
9MD1R 033	Asphalt Roofing Shingles	Roof, 1st Layer	N-ACM	
9MD1R 034	Asphalt Felt Material	Roof, 2nd Layer	N-ACM	
9MD1R 035	Asphalt Joint Compound	Roof, Around Vents & Chimney; & Back Porch, Over Concrete	I NF	20 Sq. Ft.
9MD1R 036	Asphalt Rolled Roofing	Front Porch Over Front Door	N-ACM	
9MD1R 037	Asphalt Felt Material	Exterior Walls, Under Wood Siding	N-ACM	
9MD1R 038	Asphalt Felt Material	Attic Above Office Addition: Old Roof and Exterior Gable Wall	N-ACM	
9MD1R 039	Caulking on Windows	4-Basement, 3'x 1½'	N-ACM	
9MD1R 040	Caulking on Windows	1-Basement, Cistern, 3'x 1¾'	N-ACM	
9MD1R 041	Caulking on Windows	6½'x 5' Double: 1-Living Room; and 3¼'x 5' Singles: 1-Bedroom #1 and 2-Bedroom #2	N-ACM	
9MD1R 042	Caulking on Windows	3'x 5' Singles: 1-Living Room and 2-2nd Floor	N-ACM	
9MD1R 043	Caulking on Windows	3½'x 5' Single: 1-Bedroom #1	N-ACM	
9MD1R 044	Caulking on Windows	3½'x 3½' Crank-Out: 1-Kitchen	N-ACM	
9MD1R 045	Caulking on Windows	2½'x 4¼' Single: 1-Bathroom #1	N-ACM	
9MD1R 046	Caulking on Windows (Storm)	4-Front, 2¾'x 4¾'	N-ACM	
9MD1R 047	Floor Tile (9"x 9" Green)	Basement, Over Concrete	I NF	693 Sq. Ft.
9MD1R 048	Floor Tile (9"x 9" Black)		I NF	
9MD1R 049	Mastic, 9"x 9" Floor Tile	Basement, Over Concrete	N-ACM	
9MD1R 050	Floor Sheeting	Basement, Sink Shelf, Over Wood	N-ACM	
9MD1R 051	Floor Tile/Adhesive (12"x 12")	Bathroom #2 and By Doors, Office #2, Over Wood	NAFD	
9MD1R 052	Asphalt Felt Material	Under Wood Sub-Flooring, Office #2 and Bathroom #2	N-ACM	
9MD1R 053	Floor Tile (9"x 9" Gray)	Office #2, Under Wood, Over Concrete	I NF	100 Sq. Ft.
9MD1R 054	Floor Tile (9"x 9" Red)		I NF	
9MD1R 055	Mastic, 9"x 9" Floor Tile		I NF	

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

ROUTE:	364	**SURVEYED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6U1028B	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	4212 South Old Highway 94, St Charles 63304
DATE OF SURVEY:	January 21-22, 2009	**TYPE OF STRUCTURE:**	1½-Story Wood-Frame House with Basement and Attached Office Addition
PARCEL NO.:	138		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
9MD1R 056	Floor Sheeting (White/Blue)	Foyer, Living Room, Over Wood; and Loose Roll	N-ACM	
9MD1R 057	Floor Tile/Mastic (9"x 9" Gray)	Kitchen, 1st Layer, Over Wood	I NF	160 Sq. Ft.
9MD1R 058	Floor Tile/Mastic (9"x 9" Cream)	Kitchen, 2nd Layer, Over Wood	NAFD	
9MD1R 059	Floor Tile/Mastic (9"x 9" Red)		NAFD	
9MD1R 060	Floor Tile/Adhesive (12"x 12")	Bathroom #1, 1st Layer, Over Wood	NAFD	
9MD1R 061	Floor Tile/Mastic (9"x 9" Cream)	Bathroom #1, 2nd Layer, Under Wood, Over Wood	I NF	41 Sq. Ft.
9MD1R 062	Floor Tile/Mastic (9"x 9" Black)		I NF	
9MD1R 063	Asphalt Felt Material	Under Hardwood Flooring, Main Level, Original House	N-ACM	
9MD1R 064	Grout & Mortar, Ceramic Tile	Hearth, Fireplace, Living Room	N-ACM	
9MD1R 065	Grout, Ceramic Tile	Walls, Kitchen	N-ACM	
9MD1R 066	Adhesive, Ceramic Tile	Walls, Kitchen	II NF	145 Sq. Ft.
9MD1R 067	Grout, Ceramic Tile	Walls, Bathroom #1	N-ACM	
9MD1R 068	Adhesive, Ceramic Tile	Walls, Bathroom #1	N-ACM	
9MD1R 069	Surfacing Material	Ceilings, Office #1, Bathroom #2, and Office #2	N-ACM	
9MD1R 070	Sheetrock, Joint/Tape/Mud	Walls and Ceilings, Office #1, Bathroom #2, and Office #2	N-ACM	
9MD1R 071	Sheetrock, 2 Foot from Joint	Walls and Ceilings, Office #1, Bathroom #2, and Office #2	N-ACM	
9MD1R 072	Skim Coat	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 073	Plaster	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 074	Sheetrock (No Mud/Tape)	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 075	Skim Coat	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 076	Plaster	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 077	Sheetrock (No Mud/Tape)	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 078	Skim Coat	Walls and Ceilings, Main Level (Original House)	N-ACM	

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

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DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
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DATE OF SURVEY:	January 21-22, 2009	**TYPE OF STRUCTURE:**	1½-Story Wood-Frame House with Basement and Attached Office Addition
PARCEL NO.:	138		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
9MD1R 079	Plaster	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 080	Sheetrock (No Mud/Tape)	Walls and Ceilings, Main Level (Original House)	N-ACM	
9MD1R 081	Sheetrock, Joint/Tape/Mud	Walls and Ceilings, 2nd Floor	N-ACM	
9MD1R 082	Sheetrock, 2 Foot from Joint	Walls and Ceilings, 2nd Floor	N-ACM	
9MD1R 083	Insulation (Blown)	Above Ceilings: Office #1, Bathroom #2, and Office #2	N-ACM	
9MD1R 084	Insulation	Above Ceilings: Office #2	N-ACM	
9MD1R 085	Insulation	Walls, Office #1, Bathroom #2, and Office #2	N-ACM	
9MD1R 086	Insulation	Attic and Along Roof Line, Original House	N-ACM	
9MD1R 087	Insulation	Between 1st and 2nd Floors, Original House	N-ACM	
9MD1R 088	Insulation	Walls, Original House	N-ACM	

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

ROUTE: 364
MODOT JOB NO.: J6U1028B
DISTRICT: 6
COUNTY: St Charles
DATE OF TESTS: January 27-29, 2009
PARCEL NO.: 138

TESTED BY: Frank Reichart and Diane Roegge
CERTIFICATION #: 7028012508MOIR11239, F.R.
CERTIFICATION #: 7028012508MOIR7165, D.R.
SITE ADDRESS: 4212 South Old Highway 94, St Charles 63304
TYPE OF STRUCTURE: 1½-Story Wood-Frame House with Basement and Attached Office Addition

Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
9MD1R 035	Asphalt Joint Compound	Roof, Around Vents and Chimney; and Back Porch, Over Concrete	I NF	20 Sq. Ft.	Chrysotile	10-30
9MD1R 057	Floor Tile/Mastic (9"x 9" Gray)	Kitchen, 1st Layer, Over Wood	I NF	160 Sq. Ft.	Chrysotile	3-8
9MD1R 061	Floor Tile/Mastic (9"x 9" Cream)	Bathroom #1, 2nd Layer, Under Wood, Over Wood	I NF	41 Sq. Ft.	Chrysotile	1-5
9MD1R 062	Floor Tile/Mastic (9"x 9" Black)		I NF		Chrysotile	1-5

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

I NF = Category I Nonfriable

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

ROUTE:	364	**TESTED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6U1028B	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	4212 South Old Highway 94, St Charles 63304
DATE OF TESTS:	January 27-29, 2009	**TYPE OF STRUCTURE:**	1½-Story Wood-Frame House with Basement and Attached Office Addition
PARCEL NO.:	138		

Bid Item No.	Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
202-40.96	9MD1R 047	Floor Tile (9"x 9" Green)	Basement, Over Concrete	I NF	693 Sq. Ft.	Chrysotile	5-10
	9MD1R 048	Floor Tile (9"x 9" Black)		I NF		Chrysotile	5-10
202-40.98	9MD1R 053	Floor Tile (9"x 9" Gray)	Office #2, Under Wood, Over Concrete	I NF	100 Sq. Ft.	Chrysotile	5-10
	9MD1R 054	Floor Tile (9"x 9" Red)		I NF		Chrysotile	5-10
	9MD1R 055	Mastic, 9"x 9" Floor Tile		I NF		Chrysotile	3-8
202-40.43	9MD1R 066	Adhesive, Ceramic Tile	Walls, Kitchen	II NF	145 Sq. Ft.	Chrysotile	1-3
			None Located	F			

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: 364
MODOT JOB NO.: J6U1028B
DISTRICT: 6
COUNTY: St Charles
SURVEYED BY: Frank Reichart
DATE OF SURVEY: January 21, 2009

TESTED BY: Frank Reichart
DATE OF TESTS: January 21, 2009
PARCEL NO.: 138
SITE ADDRESS: 4212 South Old Highway 94, St Charles 63304
TYPE OF STRUCTURE: 1½-Story Wood-Frame House with Basement and Attached Office Addition

Sample ID	Color/Location of Material/Substrate	Metals (ppm)							
		As	Cr	Pb	Cd	Se	Ba	Hg	Ag
9MD1R 089	Green/Interior Basement Walls/Concrete	<53	<304	997	<52	<6	5,598	<37	<40
9MD1R 090	Green/Interior Basement Chimney/Brick	<63	<300	1,521	<51	<7	<2,183	<37	<39

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

MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: Randall Glaser-6de

COPY:

FROM: Frank Reichart
Environmental Chemist

DATE: March 20, 2009

SUBJECT: Materials
Asbestos & Heavy Metal Paint Inspection
Route 364
Job No. J6U1028B
Parcel 170
St. Charles County

We are providing you with the results of the requested inspection on the above referenced properties. 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 four 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.

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 properties. 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 structures. 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) 526-4359.

db/fr
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Attachments

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

ROUTE:	364	**SURVEYED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6U1028B	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	1590 Jungerman Rd, 63304
DATE OF SURVEY:	March 16, 2009	**TYPE OF STRUCTURE:**	1-Story Brick Commercial Building on Concrete Pad and Block Trash Area on Concrete Pad
PARCEL NO.:	170		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
	Commercial Building			
9MD1R 195	Asphalt Fiberboard	Flat Roof, 1st Layer	N-ACM	
9MD1R 196	Asphalt Rolled Roofing	Flat Roof, 2nd Layer	N-ACM	
9MD1R 197	Asphalt Roofing Material	Flat Roof, 3rd Layer	N-ACM	
9MD1R 198	Asphalt Roofing Shingles (White)	Roof, Inside Parapet Wall	N-ACM	
9MD1R 199	Asphalt Roofing Shingles (Dark Gray)	Roof, Fascia (Outside Parapet Wall), 1st Layer	N-ACM	
9MD1R 200	Asphalt Roofing Shingles (Brown)	Roof, Fascia (Outside Parapet Wall), 2nd Layer	N-ACM	
9MD1R 201	Asphalt Felt Material	Roof, Fascia (Outside Parapet Wall), 3rd Layer	N-ACM	
9MD1R 202	Asphalt Rolled Roofing	Flat Roof, Overhang Above Sidewalks, 1st Layer	N-ACM	
9MD1R 203	Asphalt Roofing Material	Flat Roof, Overhang Above Sidewalks, 2nd Layer	N-ACM	
9MD1R 204	Asphalt Joint Compound	Roof, Seams and Around Vents	I NF	75 Sq. Ft.
9MD1R 205	Asphalt Fiberboard	Exterior Walls	N-ACM	
9MD1R 206	Skim Coat/Stucco	Exterior Walls, Parapet Walls, and Fascia	N-ACM	
9MD1R 207	Caulking on Brick to Metal	Around Window Frames	N-ACM	
9MD1R 208	Caulking on Brick	Vertical Seams	N-ACM	
9MD1R 209	Caulking on Brick to Concrete	Seams, Sidewalk to Building	N-ACM	
9MD1R 210	Transite Paneling	Kitchen, Walls and Hoods	II NF	275 Sq. Ft.
9MD1R 211	Adhesive, Carpeting	Dining Room, Over Concrete	N-ACM	
9MD1R 212	Grout & Mortar, Ceramic Tile (Red)	Floors, Kitchen, Office, Drive-Thru, Utility Room, & Coolers	N-ACM	
9MD1R 213	Grout, Ceramic Tile (Gray & Black)	Floors, Dining Room, Foyers, Order Area, and Bathrooms	N-ACM	
9MD1R 214	Mortar, Ceramic Tile (Gray & Black)	Floors, Dining Room, Foyers, Order Area, and Bathrooms	N-ACM	
9MD1R 215	Grout, Ceramic Tile	Walls, Order Area and Bathrooms	N-ACM	
9MD1R 216	Adhesive, Ceramic Tile	Walls, Order Area and Bathrooms	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:	364	**SURVEYED BY:**	Frank Reichart and Diane Roegge
MODOT JOB NO.:	J6U1028B	**CERTIFICATION #:**	7028012508MOIR11239, F.R.
DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	1590 Jungerman Rd, 63304
DATE OF SURVEY:	March 16, 2009	**TYPE OF STRUCTURE:**	1-Story Brick Commercial Building on Concrete Pad and Block
PARCEL NO.:	170		Trash Area on Concrete Pad

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
	Commercial Building (Continued)			
9MD1R 217	Ceiling Tile	Dining Room and Order Area	N-ACM	
9MD1R 218	Sheetrock (No Mud/Tape)	Ceiling Tile: Kitchen, Office, and Drive Thru	N-ACM	
9MD1R 219	Sheetrock, Joint/Tape/Mud	Walls & Ceilings	N-ACM	
9MD1R 220	Sheetrock, 2 Foot from Joint	Walls & Ceilings	N-ACM	
9MD1R 221	Sheetrock (No Mud/Tape)	Walls	N-ACM	
9MD1R 222	Insulation	Hot Water Pipes	N-ACM	
9MD1R 223	Insulation	Walls	N-ACM	
9MD1R 224	Insulation	Attic, Roofline	N-ACM	
9MD1R 225	Insulation	Attic and Roof, Inside Rigid Ductwork	N-ACM	
9MD1R 226	Insulation	Attic, Flexible Ductwork	N-ACM	
	Trash Area			
	No samples taken. No suspect ACM located.			

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DISTRICT:	6	**CERTIFICATION #:**	7028012508MOIR7165, D.R.
COUNTY:	St Charles	**SITE ADDRESS:**	1590 Jungerman Rd, 63304
DATE OF TESTS:	March 19-20, 2009	**TYPE OF STRUCTURE:**	1-Story Brick Commercial Building on Concrete Pad and Block
PARCEL NO.:	170		Trash Area on Concrete Pad

Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
	Commercial Building					
9MD1R 204	Asphalt Joint Compound	Roof, Seams and Around Vents	I NF	75 Sq. Ft.	Chrysotile	5-15
	Trash Area					
		None Located	I NF			

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PARCEL NO.:	170		

Bid Item No.	Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
		Commercial Building					
202-40.38	9MD1R 210	Transite Paneling	Kitchen, Walls and Hoods	II NF	275 Sq. Ft.	Chrysotile	10-25
			None Located	F			
		Trash Area					
			None Located	F			
			None Located	II NF			

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CONSTRUCTION AND MATERIALS
Metals Survey Report of Painted Concrete, Block, Brick and Surfaces

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SITE ADDRESS: 1590 Jungerman Rd, 63304
TYPE OF STRUCTURE: 1-Story Brick Commercial Building on Concrete Pad and Block Trash Area on Concrete Pad

Sample ID	Color/Location of Material/Substrate	Metals (ppm)							
		As	Cr	Pb	Cd	Se	Ba	Hg	Ag
	Commercial Building								
9MD1R 227	Gray/Exterior Walls/Brick	<11	<186	18	<46	<3	3,239	<17	<36
9MD1R 228	White/Exterior Walls/Brick	<10	<245	10	<43	<3	<1,823	<15	<34
9MD1R 229	Gray/Exterior Planters/Concrete	<9	<196	<9	<46	<3	1,484	<16	<35
9MD1R 230	Gray/Exterior Light Pole Bases/Concrete	<13	<229	15	<51	<5	4,734	<24	<39
	Trash Area								
9MD1R 231	Gray/Exterior Walls/Block	<9	<128	<8	<44	<3	<567	<11	<35

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