MEMORANDUM



Missouri Department of Transportation Construction and Materials Central Laboratory

TO:

Nicole Kreisel-6rw

COPY:

FROM:

Frank Reichart

Environmental Chemist

DATE:

April 27, 2011

SUBJECT:

Materials

Asbestos & Heavy Metal Paint Inspection

Route 79 Job No. N/A

Parcel E6-1075(St Peters Project Office)

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

TO: Kreisel-6rw Page 2 April 27, 2011

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/dr
J:\barred\asbestos\District 6\Misc\fr1104271.doc
Attachments

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS Asbestos Survey Report

Asbestos Survey Report
All Suspect ACM

 ROUTE:
 79

 MODOT JOB NO.:
 N/A

 DISTRICT:
 6

 COUNTY:
 St Charles

 DATE OF SURVEY:
 April 20, 2011

 PARCEL NO.:
 E6-1075 (St Peters Project Office)

Frank Reicharl and Diane Rocgeo 7112010411MOIR11239, F.R.

7112010411MOIR7165, D.R.

580 North Service Road, St Peters 63376

SITE ADDRESS:

SURVEYED BY: CERTIFICATION #:

CERTIFICATION #:

TYPE(S) OF STRUCTURE(S): 1-Story Block Commercial Building on Concrete Pad, Small

Portable Metal-Clad Shed, and Small Portable Wooden Shed

		11MFJR 132		And the state of t		11MFJR 131	11MFJR 130	11MFJR 129	11MFJR 128	11MFJR 127	11MFJR 126	11MFJR 125	11MFJR 124	11MFJR 123	11MFJR 122	11MFJR 121		Sample ID
The second secon		Asphalt Roofing Shingles	Wooden Storage Shed	No samples taken. No suspect ACM located.	Metal-Clad Storage Shed	Insulation	Insulation	Insulation	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Sheetrock, Joint/Tape/Mud	Ceiling Tile (2'x 4')	Mortar, Ceramic Tile	Grout, Ceramic Tile	Asphalt Felt Material	Asphalt Roofing Shingles	Project Office	Type of Materials
		Roof				Walls	Attic, Blown	Above Ceiling Tile, Flexible Ductwork	Walls, Throughout, Except Garage	Walls, Throughout, Except Garage	Walls, Throughout, Except Garage	Ceilings, Throughout, Except Garage	Floors, Throughout, Except Garage, Over Concrete	Floors, Throughout, Except Garage, Over Concrete	Roof, 2 nd Layer	Roof, 1 st Layer		Location of Material
		N-ACM				N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM	N-ACM		Friability Category
																		Field Measure

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS

(Abatement not required if not made friable during demolition.) Nonfriable Asbestos-Containing Materials Asbestos Survey Report

PARCEL NO.	DATE OF TESTS:	COUNTY:	DISTRICT	MODOL JOB NO.:	ROUTE:	
FA-1075 (St Deters Drainet Office)	April 26, 2011	St Charles	6	N/A	79	
		TYPE(S) OF STRUCTURE(S):	SITE ADDRESS:	CERTIFICATION #:	TESTED BY:	
	Portable Metal-Clad Shed, and Small Portable Woods	1-Story Block Commercial Building on Concrete Pad	580 North Service Road, St Peters 63376	7112010411MOIR13142	Kevin Thoeneh	

	15:			NO::	5
E6-1075 (St Peters Project Office)	April 26, 2011	St Charles	6	N/A	19
		TYPE(S) OF STRUCTURE(S):	SITE ADDRESS:	CERTIFICATION #:	TESTED BY:
	Portable Metal-Clad Shed, and Small Portable Wooden Shed	1-Story Block Commercial Building on Concrete Pad, Small	580 North Service Road, St Peters 63376	7112010411MOIR13142	Kevin Thoeneh

														Sample ID
					The state of the s	***************************************			Wooden Storage Shed		Metal-Clad Storage Shed		Project Office	
				The first of the second	The second secon				Shed		age Shed	Application of the state of the		Type of Material
And the state of t								None Located		None Located		None Located		Location of Material
				•				INF		INF		I NF		Friability Category
														Field Measure
														Asbestos Type
														Percent

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

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

PARCEL NO.:	DATE OF TESTS:	COUNTY:	DISTRUCT:	MODOT JOB NO.:	ROUTE:	
E6-1075 (St Peters Project Office)	April 26, 2011	St Charles	6	N/A	79	

F6-1075 (St Deters Project Office)

SITE ADDRESS: TESTED BY: CERTIFICATION #: TYPE(S) OF STRUCTURE(S):

1-Story Block Commercial Building on Concrete Pad, Small Portable Metal-Clad Shed, and Small Portable Wooden Shed	580 North Service Road, St Peters 63376	7112010411MOIR13142	Kevin Thoenen
---	---	---------------------	---------------

Item No.	Sample ID	Type of Material Project Office	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
		T Tolect Office					
			None Located	ואל			
			None Located	II NF			
		Metal-Clad Storage Shed					
			None Located	71			
			None Located	H II			
,	, , , , , , , , , , , , , , , , , , ,	Wooden Storage Shed					
			None Located	נגי			
			None Located	II NF			
×							
			And the second s				
-							
			THE PARTY OF THE P				
		American in the second					

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

	ROUTE: MODOT JOB NO.: DISTRICT: COUNTY: SURVEYED BY: DATE OF SURVEY:
	N/A N/A St Charles Frank Reichart April 20, 2011
	TESTED BY: DATE OF TESTS: PARCEL NO.: SITE ADDRESS: TYPE(S) OF STRUCTURE(S):
Motals	April 20, 2011 E6-1075 (St Peters Project Office) 580 North Service Road, St Peters 63376 URE(S): 1-Story Block Commercial Building on Concrete Pad, Small Portable Metal-Clad Shed, and Small Portable Wooden Shed

4:0-1	*****	مسحدات	*******	~	~~~	 	· · · · · ·	 -	Tanaman.	4	-	e proposition and the second	-			
								,	4	*		11MFJR 134	11MFJR 133		Sample ID	
								No samples taken. No painted surfaces located.	Wooden Storage Shed	No samples taken. No painted surfaces located.	Metal-Clad Storage Shed	Orange/Exterior Pylon/Concrete	White/Exterior Pylon/Concrete	Project Office	Color/Location of Material/Substrate	Association and Science and Sc
												<9	<9		As	
									·			<209	<292		Cr	
												<%	<>		Pb	
												<42	<45		Cd	Id)
												۵	۵		Se	Metals (ppm)
												3,754	2,396		Ba	
												<u>^1</u>	<u> </u>		Œ ja	
			CT3000									<u>\$</u>	35		Ar	
									No samples taken. No painted surfaces located.	Wooden Storage Shed Wooden Storage Shed No samples taken. No painted surfaces located. Image: Control of the	No samples taken. No painted surfaces located. Wooden Storage Shed	inted surfaces located.	Orange/Exterior Pylon/Concrete <9 <209 <8 <42 <3 3,754 <11 Metal-Clad Storage Shed No samples taken. No painted surfaces located. <42 <3 3,754 <11 Wooden Storage Shed Wooden Storage Shed	White/Exterior Pylon/Concrete <9 <292 <9 <45 <3 2,396 <11 Orange/Exterior Pylon/Concrete <9 <209 <8 <42 <3 3,754 <11 Metal-Clad Storage Shed No samples taken. No painted surfaces located. <	Project Office Project Office 4 5 3 4 1 4 1 4 1 4 4 3 2,396 <11 4 5 4 5 4 5 <11 4 4 5 <11 4 5 <11 4 <11 4 <11 <11 <11 <11 <11 <11 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12 <12	Color/Location of Material/Substrate