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## **Missouri Department of Transportation Construction and Materials Central Laboratory**

10:	Allen Lane-SL/gs
COPY:	00
FROM:	Diane Roegge
DATE:	February 20, 2013

SUBJECT: Materials Asbestos Inspection & Heavy Metal Paint Survey Route I-44 Job No. N/A Parcel Hampton MT Lot - Building A Roofing Project City of St Louis

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 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 asbestoscontaining 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 survey 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 survey has been performed on the above referenced property. We are providing you with the results of this This survey includes locating painted concrete, block and/or brick surfaces, survey. sampling/testing the painted surface(s) to determine if hazardous heavy metals are present. Nonhazardous painted concrete, blocks, or bricks may be used as clean fill materials, if properly

TO: Lane-SL/gs Page 2 February 20, 2013

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) 526-4359.

db/dr http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared documents/asbestos/districts/st louis (sl)/misc/dr1302201.docx Attachments

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II NF = Category II Nonfriable F = Friable

NAFD = No Asbestos Fiber Detected	N-ACM = Non-Asbestos Containing M
* = Tested	faterial I
sted By Point Count Procedure	NF = Category I Nonfriable

DATE OF SURVEY: PARCEL NO.:	Y: February 13, 2013 Hampton MT Shed-Building A	TYPE(S) OF STRUCTURE(S): 4-Bay Block St Louis City Area Office & Training Center Building on Concrete	ea Office & Training	Center
			Friability	Field
Sample ID	Type of Materials	Location of Material	Category	Measure
13MD1R 026	Asphalt Roofing Shingles	Mansard Roof, 1 <sup>st</sup> Layer	N-ACM	
13MD1R 027	Asphalt Felt Material	Mansard Roof, 2 <sup>nd</sup> Layer	N-ACM	
13MD1R 028	Asphalt Rolled Roofing	Mansard Roof, Top Edge to Flat Roof	N-ACM	
	NOTE: This inspection report is limited to only the mansard roof of Buil	only the mansard roof of Building A (Area Office & Training Center Building)	Center Building)	
	as requested. It does not include any other po	as requested. It does not include any other portion of Building A or any other structures at this site.		

Form T746 Rev. 08/2012

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

COUNTY:

February 13, 2013 City of St Louis

SITE ADDRESS:

6138 Wilson Avenue, St Louis 63139 7118122712MOIR7165, D.R.

CERTIFICATION #: CERTIFICATION #:

SURVEYED BY:

Frank Reichart and Diane Roegge

DISTRICT:

MODOT JOB NO .:

1-44 SL

**ROUTE:** 

R	T
3	9
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0	-
8	T
2	4
2	5
N	6

MODOT JOB NO.: DISTRICT: COUNTY:

City of St Louis

**TYPE(S) OF STRUCTURE(S):** 

4-Bay Block St Louis City Area Office & Training Center

6138 Wilson Avenue, St Louis 63139

7118122712MOIR7165, D.R.

Diane Roegge

TESTED BY: CERTIFICATION #: SITE ADDRESS:

**ROUTE:** 

N/A SL

(Abatement not required if not made friable during demolition.)

Asbestos Survey Report Nonfriable Asbestos-Containing Materials

MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS

I NF = Category I Nonfriable

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

Type of Material Location of Material   None Located None Located   Image: State Stat	DATE OF TESTS: PARCEL NO.:	February 19-20, 2013 Hampton MT Shed-Building A	Building c	Building on Concrete		
None Located   Image: Solution of the structures at this site.	Sample ID	Type of Material	Location of Material		Friability Category	Friability Field Category Measure
NOTE: This inspection report is limited to only the mansard roof of Building A or any other structures at this site.			None Located		INF	
NOTE:   This inspection report is limited to only the mansard roof of Buildin     Office & Training Center Building) as requested. It does not include any other     Building A or any other structures at this site.						
Image: Second						
NOTE: This inspection report is limited to only the mansard roof of Building A or any other structures at this site.						
Image: Norte: This inspection report is limited to only the mansard roof of Bui     Office & Training Center Building) as requested. It does not include any ot     Building A or any other structures at this site.						
Image: Note: This inspection report is limited to only the mansard roof of Building A or any other structures at this site.						
NOTE: This inspection report is limited to only the mansard roof of Bui     Office & Training Center Building) as requested. It does not include any of     Building A or any other structures at this site.						
NOTE: This inspection report is limited to only the mansard roof of Build     Office & Training Center Building) as requested. It does not include any other structures at this site.						
NOTE: This inspection report is limited to only the mansard roof of Building A or any other structures at this site.						
NOTE: This inspection report is limited to only the mansard roof of Buil     Office & Training Center Building) as requested. It does not include any ot     Building A or any other structures at this site.						
NOTE: This inspection report is limited to only the mansard roof of Buil     Office & Training Center Building) as requested. It does not include any otl     Building A or any other structures at this site.						
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NOTE:     This inspection report is limited to only the mansard roof of Bui       Office & Training Center Building) as requested. It does not include any or       Building A or any other structures at this site.						
Office & Training Center Building) as requested. It does not include any c Building A or any other structures at this site.	N	OTE: This inspection report is limited t	o only the mansard roof of Bu	ilding A (Area	ilding A (Area	ilding A (Area
Building A or any other structures at this site.	0	ffice & Training Center Building) as reque	ested. It does not include any o	other portion o	other portion of	other portion of
	Bu	uilding A or any other structures at this site				

Page 1 of 1

									Bid Item No. Si	PARCEL NO.:	DATE OF TESTS:	COUNTY:	DISTRICT:	ROUTE: MODOT JOB NO.:
									Sample ID	Ham	Febru	City of	SL	I-44 N/A
<b>NOTE:</b> This inspection report is limited to only Office & Training Center Building) as requested. of Building A or any other structures at this site.									Type of Material	Hampton MT Shed-Building A	February 19-20, 2013	City of St Louis		
d.							None Located	None Located	Location of Material			TYPE(S) OF STRUCTURE(S):	SITE ADDRESS:	CERTIFICATION #:
he mansard roof of Building A (Area It does not include any other portion							II NF	F	Friability Category		Building on Concrete	4-Bay Block St Louis City Area Office & Training Center	6138 Wilson Avenue, St Louis 63139	Diane Roegge <b>U</b> 7118122712MOIR7165, D.R.
									Field Measure			ity Area Office	t Louis 63139	, D.R.
									Asbestos Type			& Training Ce		
									Percent			nter		

I NF = Category I Nonfriable

II NF = Category II Nonfriable

F = Friable

\* = Tested By Point Count Procedure

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

Form T748 Rev. 08/2012

Diane Roegge

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## MISSOURI DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS Metals Survey Report of Painted Concrete, Block, Brick Surfaces for Clean Fill Purposes

<b>ROUTE:</b>	1-44	<b>TESTED BY:</b>	Y:	7	N/A				
MODOT JOB NO .:	N/A	DATE OF TESTS:	TESTS:		N/A				
DISTRICT:	IS	PARCEL NO .:	0.:	-	Hampton MT Shed-Building A	Shed-Buildin	gΑ		
COUNTY:	City of St Louisny	SITE ADDRESS:	RESS:	اما	6138 Wilson Avenue, City of St Louis 63139	venue, City	of St Louis 6	53139	
SURVEYED BY:	1	TYPE(S) O	TYPE(S) OF STRUCT	URE(S): 4	4-Bay Block St Louis City Area Office & Training Center	Louis City	Area Office	& Training C	enter
DATE OF SURVEY:	1			Im.	Building on Concrete	ncrete			
					(PI	Metals (ppm)			
				No. of the					
Sample ID	Color/Location of Material/Substrate	As	Cr	РЬ	Cd	Se	Ba	Hg	Ag
	No samples taken. No painted surfaces located.								
					1				
				2					
	NOTE: This inspection report is limited to only the								
	mansard roof of Building A (Area Office & Training								
	Center Building) as requested. It does not include								
8	any other portion of Building A or any other								
S	structures at this site.								

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