

Bridge Number:

A0630R2 WB

Route/County:

1-44/Jasper

Asbestos-Containing Material Present?

Yes:

No:

If yes, see report for location(s).

Structural Steel Present?

Yes:

No:

If No, then skip the following.

Lead-Based Paint (LBP) Present?

Yes:

No:

Trusses LBP?

Yes: No:

Girder LBP?

Yes: No:

Railing LBP?

Yes: No:

Pile LBP?

Yes: No:



MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: TMS

FROM: Frank Reichart 
Environmental Chemist

DATE: July 18, 2018

SUBJECT: Materials
Asbestos Inspection & Heavy Metal Paint Survey
Route I-44
Bridge# A0630R2
Jasper County

We are providing you with the results of the inspection on the above referenced bridge. The inspection report contains an asbestos and a heavy metals survey. The asbestos inspection included identifying suspect asbestos-containing material and NVLAP accredited testing to confirm the presence of asbestos.

Form T746 – This will show if samples were taken, where from, and, if the sample was found to contain asbestos, our estimated quantity of material present. Under the column “Friability Category”, this is the meaning for the following:

N-ACM – No asbestos detected.

I NF – Asbestos is present. Material shall be handled carefully by a licensed abatement worker and kept wet if removing as part of a maintenance activity.

II NF – Asbestos is present. If removal is required for the maintenance activity, use an abatement contractor.

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 bridge. This survey includes locating concrete which has been painted with something other than traffic paint or graffiti, and testing the painted surface(s) to determine if hazardous heavy metals are present. If the bridge is being removed completely, or the maintenance repairs include removing the painted concrete, then, non-hazardous painted concrete 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 all accessible areas, it is possible that potentially hidden asbestos-containing materials may exist within the structure. Should you have any questions regarding these reports, please contact me at (573) 526-4359.

db/fr

[http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared
documents/asbestos/districts/southwest \(sw\)/mt/a0630r2_wb/fr18071834.docx](http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared/documents/asbestos/districts/southwest(sw)/mt/a0630r2_wb/fr18071834.docx)
Attachments



MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: TMS

FROM: Frank Reichart 
Environmental Chemist, Lead License #110506-300003364

DATE: July 18, 2018

SUBJECT: Materials
Job No. N/A
I-44/Jasper County
Bridge# A0630R2

On July 18, 2018, a paint screening for regulated heavy metals was performed on the subject bridge. The following results were obtained:

	18MFJR507
Arsenic (As)	LOD*
Chromium (Cr)	LOD
Lead (Pb)	56 ppm
Cadmium (Cd)	LOD
Selenium (Se)	LOD
Barium (Ba)	558 ppm
Mercury (Hg)	LOD
Silver (Ag)	LOD

*LOD = below the detection limit of the instrument

**ppm = parts per million

TMS paint data indicated a System C AI paint was under the System U paint, applied in 2017. The results verify the information found in TMS.

The existing paint system is NOT lead-based paint.

Should any further screenings be required, please contact Todd Bennett, Chemical Laboratory Director, at (573) 751-1045. Should you have any questions regarding the screenings, feel free to call me at (573) 526-4359.

fr/dr

[http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared documents/asbestos/districts/southwest \(sw\)/mt/a0630r2_wb/lbp_xrf_a0630r2.docx](http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared/documents/asbestos/districts/southwest(sw)/mt/a0630r2_wb/lbp_xrf_a0630r2.docx)

CERTIFICATION NUMBER:

7119101817MOIR11239

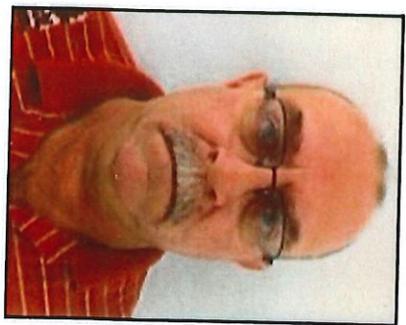
THIS CERTIFIES

Francis J Reichart

HAS COMPLETED THE CERTIFICATION

REQUIREMENTS FOR

Inspector



APPROVED: **10/23/2017**

EXPIRES: **10/23/2018**

TRAINING DATE: **10/18/2017**

Kyra J. Moore

Director of Air Pollution Control Program