ASBESTOS & REGULATED WASTE ASSESSMENT REPORT

BRIDGE# 5101A
LYONS TOWNSHIP
LYON COUNTY, MN

Prepared for:

Lyon County Highway Department
Suhail Kanwar, P.E., County Engineer

September 22, 2011

TABLE OF CONTENTS

Site Specifics & Certifications

Bridge No.:	**5101A**
Location:	**On CR 83 over Redwood River, 2.6 Mi. Southwest of Jct. CSAH 5, in Lyons Township, Lyon County, Minnesota; Sec 05, T110N, R42W.**
Type of Structure:	**Bridge # 5101A is a 61.3' x 30.0', single span, steel Warren low truss bridge built in 1931.**
Railing:	**Steel angle iron affixed to truss members.**
Decking:	**Timber.**
Superstructure:	**Treated timber deck on steel stringers, bituminous surface with no membrane present per MN/DOT Structure Inventory Report dated 05/10/2011, and site inspection 06/15/2011.**
Substructure:	**P-I-C concrete each abutment. See MN/DOT Structure Inventory Report dated 05/10/2011 and Site Photographs Appendix II.**
Current Owner:	**Lyon County.**
Disposition of Structure:	**Demolition**
Licensure:	**MDH Certified Asbestos Inspector, Ernest G. Fiala, P.E. Conducted this Inspection (See Appendix IV).**
Certification:	**The undersigned certifies that this asbestos inspection was performed on June 15, 2011, in compliance with MN Rules 4620.3460.**

This report was compiled under my direct supervision.
I have reviewed the report's contents and find it to meet MN/DOT requirements as described in the "Asbestos & Regulated Waste Manual for Structure Demolition or Relocations for Construction Projects."

Ernest G. Fiala, P.E. Reg. No. 18480
MDH Asbestos Inspector #AI10135

Summary of all Asbestos & Regulated Waste & Actions Required for this Demolition

Based on a field inspection, the following conclusions are summarized for Asbestos & Regulated Waste Assessment. Applicable items listed below should be removed and/or stabilized prior to demolition of Bridge # 5101A.

2.1 Asbestos Summary

No asbestos or asbestos containing materials were found on structure.

2.2 Lead Summary

Sample LP-1 was taken from the abutment girder near the rocker pin assembly at the SW corner of bridge and indicated a lead presence of 30%.

Sample LP-2 was taken from the pin assembly at the SE corner of bridge and indicated a lead presence of 17%.

Sample LP-3 was taken from the railing at the SW corner of bridge and indicated a lead presence of 27%.

Sample LP-4 was taken from the gusset plate assembly at the NE corner of bridge and indicated a lead presence of 40%.

Sample LP-5 was taken the truss member at the NW corner of bridge and indicated a lead presence of 37%.

Sample LP-6 was taken from the truss member at the NE corner of bridge and indicated a lead presence of 29%.

Pictures of all sample locations are included in Appendix I.

2.3 Regulated Waste Summary

The following Regulated Waste was observed on or in the vicinity of the bridge.

2.3.1 Mercury – None

2.3.2 PCBs – None

2.3.3 CFCs – None

2.3.4 Treated wood –None

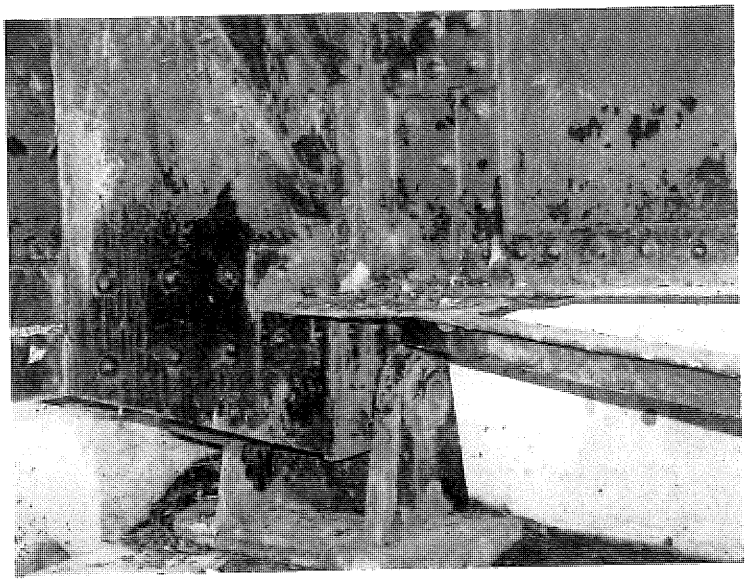
2.3.5 Household Hazardous Waste - None.

2.3.6 White Goods - None.

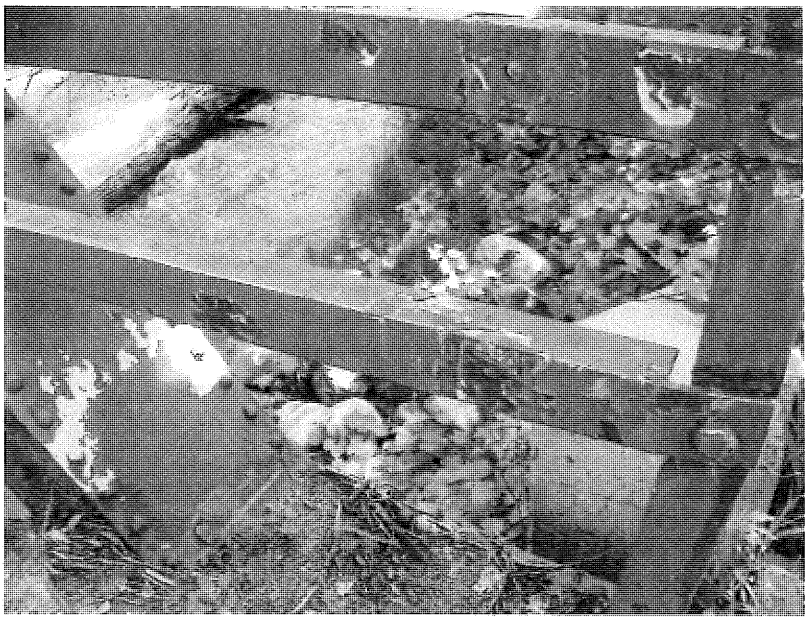
2.3.7 Solid Waste - None.

Appendix I
Sample Location Photographs

Sample LP-1. Lead paint sample from abutment girder near rocker pin assembly. SW corner of bridge.

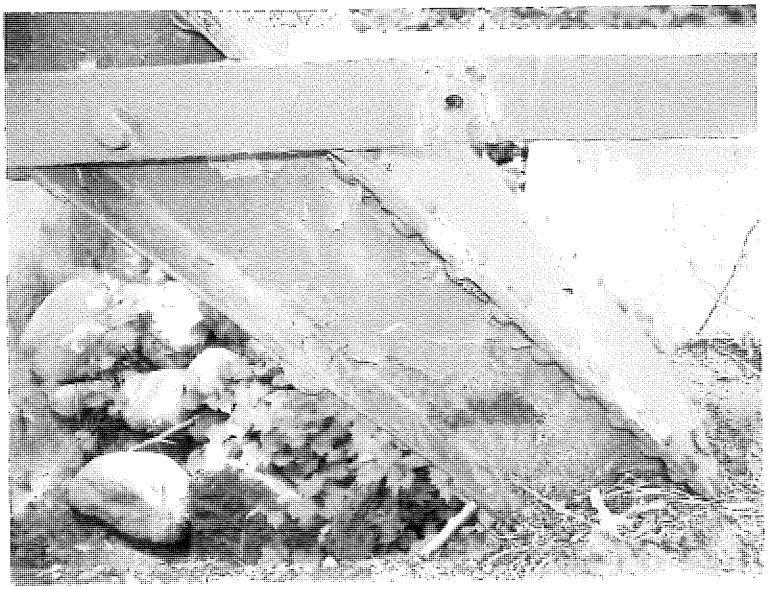


Sample LP-2. Lead paint sample from pin assembly at the SE corner of bridge.



Sample LP-3. Lead paint sample from railing at SW corner of bridge.

Sample LP-4. Lead paint sample from gusset plate at NE corner of bridge.



Sample LP-5. Lead paint sample from truss member at NW corner of bridge.

Sample LP-6. Lead paint sample from truss member at NE corner of bridge.

Appendix II
Site Location Photographs

South approach to bridge looking North.

North approach to bridge looking South.

West side of bridge.

East side of bridge.

SE corner of abutment showing pin connection and C-I-P concrete abutment.

SW corner of abutment showing rocker connection and P-I-C concrete abutment.

Steel angle iron railing affixed to truss members.

Appendix III
MN/DOT Structure Inventory and Bridge Inspection Reports

Mn/DOT Structure Inventory Report

Bridge ID: 5101A CR 83 over REDWOOD RIVER Date: 05/10/2011

+ GENERAL +

Agency Br. No. S1
District 8 Maint. Area
County 42 - LYON
City
Township LYONS
Desc. Loc. 2.6 MI SW OF JCT CSAH 5
Sect., Twp., Range 05 - 110N - 42W
Latitude 44d 21m 50.41s
Longitude 95d 55m 30.88s
Custodian COUNTY
Owner COUNTY
Inspection By LYON COUNTY
BMU Agreement
Year Built 1931
Year Fed Rehab
Year Remodeled 1989
Temp
Plan Avail. NO PLAN

+ STRUCTURE +

Service On HIGHWAY
Service Under STREAM
Main Span Type STEEL LOW TRUSS
Main Span Detail WARREN W/VERT
Appr. Span Type
Appr. Span Detail
Skew
Culvert Type
Barrel Length
Number of Spans
MAIN: 1 APPR: 0 TOTAL: 1
Main Span Length 60.0 ft
Structure Length 61.3 ft
Deck Width 30.0 ft
Deck Material TIMBER
Wear Surf Type BITUMINOUS
Wear Surf Install Year
Wear Course/Fill Depth 0.20 ft
Deck Membrane NONE
Deck Protect. NONE
Deck Install Year
Structure Area 1,839 sq ft
Roadway Area 1,711 sq ft
Sidewalk Width - L/R
Curb Height - L/R
Rail Codes - L/R 32 32

+ ROADWAY +

Bridge Match ID (TIS) 1
Roadway O/U Key 1-ON
Route Sys/Nbr CNTY 83
Roadway Name or Description
CR 83
Roadway Function MAINLINE
Roadway Type 2 WAY TRAF
Control Section (TH Only)
Ref. Point (TH Only)
Date Opened to Traffic 11-01-1989
Detour Length 1 mi.
Lanes 2 Lanes ON Bridge
ADT (YEAR) 40 (2005)
HCADT
Functional Class. RURAL LOCAL

+ RDWY DIMENSIONS +

If Divided NB-EB SB-WB
Roadway Width 28.0 ft
Vertical Clearance
Max. Vert. Clear.
Horizontal Clear.
Lateral Clr. - Lt/Rt
Appr. Surface Width 24.0 ft
Roadway Width 28.0 ft
Median Width

+ MISC. BRIDGE DATA +

Structure Flared NO
Parallel Structure NONE
Field Conn. ID RIVETED
Cantilever ID
Foundations
Abut.
Pier N/A
Historic Status NOT ELIGIBLE
On - Off System OFF

+ PAINT +

Year Painted Pct. Unsound 40 %
Painted Area
Primer Type LEAD, IRON OXIDE
Finish Type VINYL

+ BRIDGE SIGNS +

Posted Load VEHICLE & SEMI
Traffic NOT REQUIRED
Horizontal NOT REQUIRED
Vertical NOT APPLICABLE

+ INSPECTION +

Deficient Status ADEQ
Sufficiency Rating 56.7
Last Inspection Date 11-02-2010
Inspection Frequency 12
Inspector Name LYON
Structure P-LOAD POSTED

+ NBI CONDITION RATINGS +

Deck	7
Superstructure	5
Substructure	8
Channel	8
Culvert	N

+ NBI APPRAISAL RATINGS +

Structure Evaluation	4
Deck Geometry	7
Underclearances	N
Waterway Adequacy	8
Approach Alignment	8

+ SAFETY FEATURES +

Bridge Railing 0-SUBSTANDARD
GR Transition N-NOT REQUIRED
Appr. Guardrail N-NOT REQUIRED
GR Termini N-NOT REQUIRED

+ IN DEPTH INSP. +

Frac. Critical Y 24 mo 09/2010
Underwater
Pinned Asbly.
Spec. Feat.

+ WATERWAY +

Drainage Area
Waterway Opening 300 sq ft
Navigation Control NO PRMT REQD
Pier Protection NOT APPL
Nav. Vert./Horz. Clr.
Nav. Vert. Lift Bridge Clear.
MN Scour Code G-FND UNKN;EVAL
Scour Evaluation Year

+ CAPACITY RATINGS +

Design Load UNKN
Operating Rating HS 14.00
Inventory Rating HS 8.40
Posting VEH: 22 SEMI: 40 DBL: 40
Rating Date 02-16-2010
Mn/DOT Permit Codes
A: N B: N C: N

V2008

05/10/2011

Mn/DOT BRIDGE INSPECTION REPORT

Inspected by: LYON COUNTY

BRIDGE 5101A CR 83 OVER REDWOOD RIVER **INSP. DATE: 11-02-2010**

County: LYON
City:
Township: LYONS
Section: 05 Township: 110N Range: 42W
Span Type: STEEL LOW TRUSS
NBI Deck: 7 Super: 5 Sub: 8 Chan: 8 Culv: N

Location: 2.6 MI SW OF JCT CSAH 5
Route: CNTY 83 Ref. Pt.: 000+00.200
Control Section: Maint. Area:
Local Agency Bridge Nbr: S1

Length: 61.3 ft
Deck Width: 30.0 ft
Rdwy. Area / Pct. Unsnd: 1,711 sq ft
Paint Area/ Pct. Unsnd: 40 %
Culvert N/A

Open, Posted, Closed: LOAD POSTED Postings: 22 - 40 - 40

Appraisal Ratings - Approach: 8 Waterway: 8
MN Scour Code: G-FND UNKN;EVAL Def. Stat: ADEQ Suff. Rate: 56.7

Required Bridge Signs - Load Posting: VEHICLE & SEMI Traffic: NOT REQUIRED
Horizontal: NOT REQUIRED Vertical: NOT APPLICABLE

STRUCTURE UNIT: 0

ELEM NBR	ELEMENT NAME	ENV	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	QTY CS 5
32	TIMBER DECK-BIT O/L	2	11-02-2010	1,839 SF	0	1,839	0	0	N/A
			11-05-2009	1,841 SF	1,841	0	0	0	N/A
	Notes: 2010 the deck has moderate transerse cracking at every floor beam with longit. cracks between								
303	ASSEMBLY DECK JOINT	1	11-02-2010	56 LF	0	56	0	N/A	N/A
	Notes: 2010 minor corrosion								
407	BITUMINOUS APPROACH	1	11-02-2010	2 EA	0	2	0	0	N/A
			11-05-2009	2 EA	2	0	0	0	N/A
	Notes: 2010 minor settlement at bridge joints								
334	METAL RAIL-COATED	2	11-02-2010	120 LF	0	112	8	0	0
			11-05-2009	121 LF	0	121	0	0	0
	Notes: 2010 impack damage North end								
113	PAINT STEEL STRINGER	1	11-02-2010	720 LF	0	720	0	0	0
			11-05-2009	719 LF	0	719	0	0	0
	Notes: 2002 needs paint minor rust 2010								
121	P/STL THRU TRUSS/BOT	1	11-02-2010	120 LF	0	0	60	60	0
			11-05-2009	121 LF	0	0	121	0	0
	Notes: 2002 needs paint minor rusting. minor impact damage due to flood debris. 2010 peeling paint, surface corrosion, flaking rust and section loss on lower chord angles at L2E inside top vertical leg, L4E insided bottom vertical leg, L2W inside top and bottom vertical legs, L4W outside tip and bottom vertical legs. less than 10% section loss								
126	P/STL THRU TRUSS/TOP	1	11-02-2010	120 LF	0	0	110	10	0
			11-05-2009	121 LF	0	62	59	0	0
	Notes: > 2002 needs paint minor rust								
152	PAINT STL FLOORBEAM	1	11-02-2010	147 LF	0	0	147	0	0
			11-05-2009	72 LF	0	72	0	0	0
	Notes: 2002 needs paint minor rust								
423	GUSSET PLATE (PAINT)	1	11-02-2010	18 EA	0	3	15	0	0
	Notes: 2010 CS2 rating = U1E,U1W, & U5E CS3= minor section loss on L2E,L6E,L2W, AND L6W (total loss of 5%) 2.5" tear on bottom of L0E out side gusset. pack rust on bottom cord at L2E north side.125, L2W north side .5 and L6W .375" south side								
380	SECONDARY ELEMENTS	1	11-02-2010	1 EA	1	0	0	0	N/A
	Notes:								

05/10/2011

Mn/DOT BRIDGE INSPECTION REPORT

Inspected by: LYON COUNTY

BRIDGE 5101A CR 83 OVER REDWOOD RIVER **INSP. DATE: 11-02-2010**

STRUCTURE UNIT: 0

ELEM NBR	ELEMENT NAME	ENV	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	QTY CS 5
311	EXPANSION BEARING	2	11-02-2010	2 EA	0	0	2	N/A	N/A
			11-05-2009	2 EA	0	2	0	N/A	N/A
	Notes: ROCKERS NEED ALIGNMENT 2007 rocker were realigned								
313	FIXED BEARING	1	11-02-2010	2 EA	0	2	0	N/A	N/A
			11-05-2009	2 EA	0	2	0	N/A	N/A
	Notes: < none >								
215	CONCRETE ABUTMENT	2	11-02-2010	68 LF	68	0	0	0	N/A
			11-05-2009	46 LF	46	0	0	0	N/A
	Notes: 2010 minor spalling and staining								
387	CONCRETE WINGWALL	2	11-02-2010	4 EA	4	0	0	0	N/A
			11-05-2009	4 EA	4	0	0	0	N/A
	Notes: < none >								
357	PACK RUST	1	11-02-2010	1 EA	0	1	0	0	N/A
	Notes: 2010 pack rust forming at lower chord gussset plate interface								
360	SETTLEMENT	1	11-02-2010	1 EA	1	0	0	N/A	N/A
	Notes: possible settlement of both abutments								
361	SCOUR	2	11-02-2010	1 EA	1	0	0	N/A	N/A
			11-05-2009	1 EA	1	0	0	N/A	N/A
	Notes: G - Foundation unknown. Evaluation and/or screening required.								
362	TRAFFIC IMPACT	1	11-02-2010	1 EA	0	1	0	N/A	N/A
	Notes: 2010 flood debris damage at lower chord								
363	SECTION LOSS	1	11-02-2010	1 EA	0	1	0	0	N/A
	Notes: 2010 section loss lower chord and lower gusset plates								
964	CRITICAL FINDING	2	11-02-2010	1 EA	1	0	N/A	N/A	N/A
			11-05-2009	1 EA	1	0	N/A	N/A	N/A
	Notes: DO NOT DELETE THIS CRITICAL FINDING SMART FLAG.								
966	FRACTURE CRITICAL	2	11-02-2010	1 EA	0	1	0	N/A	N/A
			11-05-2009	1 EA	1	0	0	N/A	N/A
	Notes: 2010 flood debris damage of lower chord members. L0/L8 and U1/U7 required stiffening								
981	SIGNING	2	11-02-2010	1 EA	0	0	1	0	0
			11-05-2009	1 EA	1	0	0	0	0
	Notes: 2010 posted at 22-40-40 tons								
985	SLOPES	2	11-02-2010	1 EA	1	0	0	N/A	N/A
			11-05-2009	1 EA	1	0	0	N/A	N/A
	Notes: placed new slope protection 2001								

Mn/DOT BRIDGE INSPECTION REPORT

Inspected by: LYON COUNTY

BRIDGE 5101A CR 83 OVER REDWOOD RIVER **INSP. DATE: 11-02-2010**

STRUCTURE UNIT: 0

ELEM NBR	ELEMENT NAME	ENV	INSP. DATE	QUANTITY	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4	QTY CS 5
967	GUSSET DISTORTION	1	11-02-2010	1 EA	0	1	0	0	N/A

Notes: 2010 detortion and pack rust at gusset plates

General Notes: Previous comments > smj & ckm
2002smj
2003 smj & ckm 2004 smj 2005 smj 2006 smj
2007 smj MNDOT inspected the bridge found no major problems 2008smj 2009smj 2010smj

Inspector's Signature

Reviewer's Signature / Date

Appendix IV
Laboratory Analysis Reports

EMSL Analytical, Inc.
14376 23rd Avenue North, Minneapolis, MN 55447
Phone: (763) 476-6010 Fax: (763) 476-8241 Email: minneapolislab@emsl.com

Attn: **Denice Cliff**
Institute For Environmental Assessment
9201 West Broadway
Suite 600
Brooklyn Park, MN 55445

Fax: (763) 315-7920 Phone: (763) 315-7900

Project: **1667-1112054, Lyon County Bridge #5101A, Ernest G. Fiala**

Customer ID: IFEA50
Customer PO:
Received: 06/30/11 8:00 AM
EMSL Order: 351103777

EMSL Proj:

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B*/7000B)

Lab ID:	Analyzed	RDL	Lead Concentration	Notes
0001	6/30/2011	0.010 % wt	30 % wt	Site: Abut Girder near rocker Pin assembly-SW corner
Client Sample	LP-1			Collected: 6/29/2011
0002	6/30/2011	0.010 % wt	17 % wt	Site: SE Corner @ Pin assembly
Client Sample	LP-2			Collected: 6/29/2011
0003	6/30/2011	0.010 % wt	27 % wt	Site: Railing @ SW Corner
Client Sample	LP-3			Collected: 6/29/2011
0004	6/30/2011	0.010 % wt	40 % wt	Site: Gusset Plate Assembly @ NE Corner
Client Sample	LP-4			Collected: 6/29/2011
0005	6/30/2011	0.010 % wt	37 % wt	Site: Truss member @ NW Cor
Client Sample	LP-5			Collected: 6/29/2011
0006	6/30/2011	0.010 % wt	29 % wt	Site: Truss member @ NE Cor
Client Sample	LP-6			Collected: 6/29/2011

Initial report from 06/30/2011 14:58:58

Rachel Travis, Laboratory Manager
or other approved signatory

Reporting limit is 0.01 % wt. The QC data associated with these results included in this report meet the method QC requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. * slight modifications to methods applied.
Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn AIHA-LAP, LLC ELLAP 163162

Test Report PB w/RDL-7.21.0 Printed: 6/30/2011 2:58:58 PM

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Appendix V
Chain of custody Documents

June 27, 2011

Denice Cliff
Institute for Environment Assessment, Inc.
9201 West Broadway, Suite 600
Brooklyn Park, MN 55445

Re: Testing for the presence of lead in paint; Samples LP-1 thru LP-6.
Lyon County Bridge # 5101A.

Dear Ms. Cliff:

Enclosed are six samples, LP-1 thru LP-6 which are to be tested for the presence of lead. All samples are in zip lock bags and labeled with sample numbers, dates of sampling, and project identification. Please forward the test results and required chain of custody forms to:

Ernest G. Fiala, PE
118 W. 3rd St.
Redwood Falls, MN 56283

ernie.fiala@gmail.com

507-637-2492
507-430-3600 Cell

Lyon County intends to demolish this structure as soon as possible and has requested a rush on the testing if at all possible. Please advise by E-mail above if this is possible. All fees incurred should be billed to the above. Should you have any questions or require additional information, please contact me at any of the above.

Sincerely,

Ernest G. Fiala, PE

Cc: File
Enclosures

IEA
9201 West Broadway North, Suite 600
Brooklyn Park, MN 55445
(763) 315-7900
1-800-233-9513

3777

CHAIN OF CUSTODY

2539

Page ___ of ___

Client # 1667 Project # 1112054
Client Ernest G. Fiala
Address

Building Name Lyon County Bridge #5101A
Project Name Lead Sampling
Contact Person
Contact Person Phone
Other Information

Shaded Areas are for Laboratory Use Only!

Verbal results to Denice
Phone, Fax No. or E-Mail
Verbal results relayed to
Verbal results relayed by
TAT (circle) (6 hr) 1d 2d 3d 4d Specify
Date Time

Analysis location: ○ On Site ○ Lab ○ Regional Office ☒ Other EMSL

Sample #	Work Area or Phase #	Comments / Location	Sample type or Material code	Volume	Matrix type: Air	Bulk	Dust	Analysis requested: PCM	PLM	TEM	Other	Filter type: MCE	.8 um	.45 um
LP-1		Abut Girder near rocker Pin assembly - SW corner			○	X	○	○	○	○	Lead	○	○	○
LP-2		SE Corner @ Pin assembly			○	X	○	○	○	○	Lead	○	○	○
LP-3		Railing @ SW Corner			○	X	○	○	○	○	Lead	○	○	○
LP-4		Gusset Plate Assembly @ NE Corner			○	X	○	○	○	○	Lead	○	○	○
LP-5		Truss member @ NW Cor			○	X	○	○	○	○	Lead	○	○	○
LP-6		Truss member @ NE Cor			○	X	○	○	○	○	Lead	○	○	○

The MN Department of Health Alternative Indoor Air Standard for this project is: ______ F/CC.
Batch Number:
Samples Acceptable? ○ Yes ○ No

Sampled by	Date	Time	Delivered by	Date	Time	Received by lab	Date	Time	Entered by	Date	Time
Client			Denice Cliff	6/29/11		NKJ DAB	6/30/11	8:00AM			

Received by	Date	Time	Delivered by	Date	Time	Analysis by	Date	Time	Delivered by	Date	Time
Denice Cliff	6/29/11										

Appendix VI
Laboratory Accreditations

AIHA
Laboratory Accreditation Programs, LLC

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
14375 23rd Avenue North, Minneapolis, MN 55447

Laboratory ID: 163162
Issue Date: 02/01/2011

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: http://www.aihaaccreditedlabs.org

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

Environmental Lead Laboratory Accreditation Program (ELLAP)

Initial Accreditation Date: 09/01/2010

Field of Testing (FoT)	Method	Method Description *(for internal methods only)*
Airborne Dust	NIOSH 7082	
Paint	EPA SW-846 7000B	
	EPA SW-846 3050B	
Settled Dust by Wipe	EPA SW-846 7000B	
	EPA SW-846 3050B	
Soil	EPA SW-846 7000B	
	EPA SW-846 3050B	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- √ Paint
- √ Soil
- √ Settled Dust by Wipe
- √ Airborne Dust

Effective: 4/24/09
Scope_ELLAP_R4
Page 1 of 1

Appendix VII
Inspector's Licensure and Certification

Certificate No: 5LM10071018IR *Expiration Date: October 7, 2011*

This is to certify that
Ernest G. Fiala
has attended and successfully completed an
ASBESTOS INSPECTOR
REFRESHER TRAINING COURSE
permitted by
the State of Minnesota under Minnesota Rules 4620.3702 to 4620.3722
and meets the requirements of
Section 206 of Title II of the Toxic Substances Control Act (TSCA)
conducted by

Lake States Environmental, Ltd.
in
White Bear Lake, MN on October 7, 2010
Examination Date: October 7, 2010

Lake States Environmental, Ltd
P. O. Box 645, Rice Lake, WI 54868
(800) 254-9811

Training Instructor

MDH ASBESTOS INSPECTOR

Certified by:
State of Minnesota
Department of Health
Expires: 10/07/2011
Ernest G Fiala
118 W 3rd St
Redwood Falls, MN 56283

Director, Env. Health Div. No AI10135 Issued: 11/03/2010

Appendix VIII

Minnesota Pollution Control Agency

Minnesota Pollution Control Agency Notification of Intent to Perform a Bridge Demolition for Mn/DOT Operations.

Type of Notification: | | Original | | Amended | | Project Cancellation
Notification must be postmarked or received ten (10) WORKING days before demolition begins.

MINNESOTA DEPARTMENT OF TRANSPORTATION

Demolition Contractor:

Name:_____
Address:_____
_____
City, State, Zip:_____
Contact Person:_____
Phone Number(s):_____

Bridge Owner:

Name:_____
Address:_____
_____
City, State, Zip:_____
Contact person:_____
Phone Number(s):_____

Bridge Information:

Bridge Name:_____
Mile Point/Trunk Highway:_____
Miles and direction (N.E.W.S) From Nearest Town:_____
_____
County:_____
Project Engineer Phone Number(s):_____
Age of Brdg. (years):_____ Size of Brdg. (sq. ft.):_____
Type of Bridge:_____

Suspect Materials to be checked for asbestos: pipes, asphalt underlay, spray-on and joint compounds.

Dates when demolition will Begin _____ & End _____

Both Beginning and Ending dates should be amended in writing as necessary to reflect current project dates.

There is no Asbestos Containing Material (ACM) present in the structure to be demolished

1. Company and/or individual that conducted the bridge inspection or record review, certification#, and the procedure used to determine the presence or absence of ACM (including analytic method): *Prior to demolition all bridges must be inspected by an MDH certified asbestos inspector.* _____
_____

2. Description of planned demolition and the specific method(s) that will be used:_____
_____

Demolition Material will be recycled on site or a metal scrap recycler, Material not recycled will be sent to:

3. Demolition Waste Transporter(s) Information:
Transporter Name:_____
Transporter Contact:_____
Transporter Address:_____
City, State, Zip:_____
Phone Number:_____

4. Demolition Waste Disposal Information:
Landfill Name:_____
Owner/Operator:_____
Address/Location:_____
City, State, Zip:_____
Phone Number:_____

5. I certify that the above information is correct and I am a bonafide representative of the demolition contractor or bridge owner and have authority to enter into agreements for my employer. In event that unexpected asbestos containing material is found, the material will be removed by a MDH certified asbestos abatement contractor.

Signature of Contractor, Owner Agent_____ **Date**_____

Send to: Minnesota Pollution Control Agency Regional Environmental Management Division 520 Lafayette Road North St. Paul, MN 55155-4194	For questions call: 651-296-6300 1-800-657-3864 FAX: 651-215-1593

PCB Removal Information *Polychlorinated Biphenyls (PCBs) will be removed from the bridge prior to demolition.*
Mercury Removal Information *Material containing mercury will be removed from the bridge prior to demolition.*

[Notification of Intent to Perform a Demolition form ( ) Revised 08 04 CC: Mark Vogel, OES, MS 620

Appendix IX
Notification Form on Transfer of Bridge Steel

NOTIFICATION FORM ON DISPOSAL OF BRIDGE STEEL

The Contractor is required to provide certain information on disposal of bridge steel which has been painted with lead-based paint. By signing this document, the Contractor certifies that information supplied by the Contractor is correct and that the Contractor is familiar with proper handling and disposal of materials with lead-based paint. This information must be furnished to the Project Engineer a minimum of 30 days prior to removal of the bridge steel from the project site. Any change in method or location of disposal would require resubmittal and a 30 day notice.

Mn/DOT Project No._____ **Bridge No.**_____

Description of Bridge Steel_____

Paint System is Mn/DOT Spec. _____ , _____
(Primer) **(Top Coat)**

Project Engineer: _____

Contractor/Subcontractor: _____
(Name, mailing address, telephone no.)

_____

I _____ certify that the following information is correct:
(print name of authorized representative)

The above bridge steel will be disposed of by the following method(s): _____
(list name,

_____
address and telephone no. of recipient, estimated delivery date, and intended use.)

_____

_____

I also certify that _____ is familiar with
(Contractor/Subcontractor name)
the requirements in OSHA 29 CFR 1926.62 relating to lead, precautions to be taken when working with lead, and proper handling and disposal of materials with lead-based paint systems and that _____ has been notified of the presence of lead-based paint.
(name of recipient)

_____ _____
(signature) **(date)**

Received by Project Engineer/Inspector: _____ _____
(date) **(signature)**

cc: Project File
Office of Environmental Services

Appendix X
Notification Form on Ownership Transfer of Treated Wood

1 of 2 pages

NOTIFICATION FORM ON OWNERSHIP TRANSFER OF TREATED WOOD

The prospective buyer identified below has expressed interest in obtaining treated wood from Mn/DOT for reuse/recycling. Treated wood can include, but is not limited to: copper chromium arsenic (CCA), ammoniacal copper quat (ACQ), copper azole, ammoniacal copper citrate, creosote, and pentachlorophenol (PCP or penta). By signing this document, the buyer certifies that he or she is familiar with proper handling and disposal of this material. The buyer must complete this form to Mn/DOT's satisfaction prior to removal of any treated wood. Any change in the method or location of re-use of the materials would require re-submittal and approval.

Source of treated wood:_____

Mn/DOT Contract:_____

Buyer:_____
(name, company, mailing address, telephone number)

_____

I_____ certify that the following information is correct:
(Print name of authorized buyer)

The above treated wood will be reused in the following manner:_____

_____

_____

I also certify that _____ is familiar with Local, State and
(buyer name)
Federal requirements, including the Minnesota Pollution Control Agency fact sheet "Treated Wood: Use, Disposal and Alternatives for Businesses", regarding proper handling and disposal of treated wood and the buyer has been notified of this.

_____ _____
(buyers signature) (date)

Received by Mn/DOT representative:_____
(print name)

_____ _____
(signature) (date)

cc: District File
Office of Environmental Services (Mail stop 620)

OWNERSHIP TRANSFER

DESCRIPTION	QUANTITY	DATE TRANSFERRED	COMMENTS