21 Griffin Rd. North
Windsor, CT 06095

T 860.298.9692
TRCcompanies.com

May 1, 2025

Mr. Jason Coite P.E.
Principal Engineer
Division of Environmental Compliance
Bureau of Engineering and Construction
State of Connecticut Department of Transportation
2800 Berlin Turnpike, P.O. Box 317546
Newington, CT 06131-7546

Attention: D. Imig, P.E. / B. Silverman

Subject: On-Call Asbestos, Lead, Air Quality & Demolition Compliance
Agreement No. 10.04-02 (23)
HazMat Inspection – Replacement of Bridge No. 03474, Route 200 over Interstate 395, Thompson, CT
ConnDOT Assignment No. 524-8423
ConnDOT Project No. 141-158
TRC Project No. 501871.8423.0710

Dear Mr. Coite:

TRC performed a limited hazardous materials site investigation associated with the replacement of Bridge No. 03474, Route 200 over Interstate 395, Thompson, CT. Results of the survey identified lead paint on the metal railings/railing support components (on both sides) and the structural steel/metal bridge components (on underside) at Bridge No. 03474. Results obtained from TCLP waste stream sampling and analysis for leachable lead from the paint on the railings/railing support components and structural steel/ metal bridge components characterized the paint waste streams at Bridge No. 03474 as **CTDEEP/RCRA hazardous waste**. All suspect asbestos-containing materials (various caulks, black asphaltic plug joint, black tar joint/curb filler, and tan bearing rope gasket) identified and sampled at Bridge No. 03474 were determined to be non-asbestos containing materials. No bird/pigeon guano, mice droppings/nests, bloodborne pathogens (BBP) concerns, homeless activity, or other hazmat/regulated items were identified at Bridge No. 03474.

Laboratory results, XRF Measurement Data Summary Table, and TRC Mobile Data Solutions report are attached.

If you have any questions, please call TRC at (860) 298-9692.

Very Truly Yours,

TRC

Stephen R. Arienti, CHMM
New England Regional Practice Leader – Engineer in Charge

Erik R. Plimpton, P.E., CHMM, CMC
Vice President – Engineer in Charge

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

BULK ASBESTOS ANALYSIS REPORT

CLIENT: CT Department of Transportation

Lab Log #: 0066628
Project #: 501871.8423.0710
Date Received: 03/05/2025
Date Analyzed: 03/07/2025

Site: Bridge 03474, Thompson Hill Road over Route 395, Thompson, CT

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials		Asbestos %	Asbestos Type
1	South side railing	White C1 - caulk on south side bridge railings		- - -	ND	None
2	South side railing	White C1 - caulk on south side bridge railings		- - -	ND	None
3	South side	Grey C2 - caulk in bridge joints		- - -	ND	None
4	North side	Grey C2 - caulk in bridge joints		- - -	ND	None
5	South side	Grey C3 - caulk in bridge seams		- - -	ND	None
6	North side	Grey C3 - caulk in bridge seams		- - -	ND	None
7	North railing	Black C4 - caulk around north side railings		- - -	ND	None
8	North railing	Black C4 - caulk around north side railings		- - -	ND	None
9	Black road tar	Black RT 1 - road tar		- - -	ND	None
10	Black road tar	Black RT 1 - road tar		- - -	ND	None
11	South side	Black TJF 1 - tar joint filler in joints and along curb		- - -	ND	None
12	North side	Black TJF 1 - tar joint filler in joints and along curb		- - -	ND	None
13	Bearing under bridge	Tan RG 1 - rope gasket around bearing bases	99%	cellulose	ND	None
14	Bearing under bridge	Tan RG 1 - rope gasket around bearing bases	99%	cellulose	ND	None

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

POLARIZED LIGHT MICROSCOPY by EPA 600/R-93/116

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type

ND - asbestos was not detected
Trace - asbestos was observed at level of 1% or less - This is the reporting limit
NA/PS - Not Analyzed / Positive Stop
SNA - Sample Not Analyzed- See Chain of Custody for details
Notes: Asbestos-Containing Material (ACM) is any material containing more than 1% asbestos

Note: Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. In those cases, EPA recommends, and certain states (e.g. NY) require, that negative results be confirmed by quantitative transmission electron microscopy.

The Laboratory at TRC follows 18/01A EPA -- 40 CFR Appendix E to subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples and 18/A03 EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials which utilize polarized light microscopy (PLM). Our analysts have completed an accredited course in asbestos identification. TRC's Laboratory is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP), for Bulk Asbestos Fiber Analysis, NVLAP Code 101424-01. TRC is accredited by the AIHA Laboratory Accreditation Programs AIHA LAP (ID: LAP-100122) in the Industrial Hygiene Program (IHLAP) for PLM. Asbestos content is determined by visual estimate unless otherwise indicated. Quality Control is performed in-house on at least 10% of samples and QC data related to the samples is available upon written request from client.

Analyzed by: Drue Marino, Laboratory Analyst

Reviewed by Kathleen Williamson, Laboratory Manager

Date Issued
03/07/2025

TRC
21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

Edition: October 2009
Supersede Previous Edition

LAB ID #. 66628

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
501871.8423.0710	ConnDOT — Bridge No.03474, Thompson hill Rd Over Route 395		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [ ] 3day [X] 5day
SIGNATURE	INSPECTOR		
	Alex Lemay,Andrew Smith		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
1	3/5/2025	10:53		X	South side railing	X				X	C1 - White caulk on south side bridge railings
2	3/5/2025	10:53		X	South side railing	X					C1 - White caulk on south side bridge railings
3	3/5/2025	11:08		X	South side	X				X	C2 - Grey caulk in bridge joints
4	3/5/2025	11:08		X	North side	X					C2 - Grey caulk in bridge joints
5	3/5/2025	11:03		X	South side	X				X	C3 - Grey caulk in bridge seams
6	3/5/2025	11:03		X	North side	X					C3 - Grey caulk in bridge seams
7	3/5/2025	11:18		X	North railing	X				X	C4 - Black caulk around north side railings
8	3/5/2025	11:18		X	North railing	X					C4 - Black caulk around north side railings
9	3/5/2025	11:14		X	Black road tar	X				X	RT 1 - Black road tar
10	3/5/2025	11:14		X	Black road tar	X					RT 1 - Black road tar
11	3/5/2025	11:10		X	South side	X				X	TJF 1 - Black Tar joint filler In joints and along curb
12	3/5/2025	11:11		X	North side	X					TJF 1 - Black Tar joint filler In joints and along curb

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	3/5/25	3/5/25 1600			
(Printed) Andrew Smith	Time: 15:10	(Printed) Najaat Bhuiyan	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes ✓ No
Comments:

TRC
21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
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FAX (860) 298-6380

ASBESTOS BULK SAMPLING CHAIN OF CUSTODY

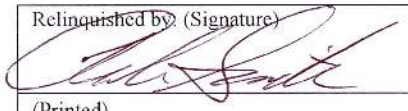
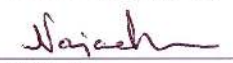
Edition: October 2009
Supersede Previous Edition

LAB ID #. 66628

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
501871.8423.0710	ConnDOT — Bridge No.03474, Thompson hill Rd Over Route 395		PLM: [ ] 8hr [ ] 24hr [ ] 48hr [X] 3day TEM: [ ] 24hr [ ] 48hr [ ] 3day [X] 5day

SIGNATURE	INSPECTOR
	Alex Lemay,Andrew Smith

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	PLM EPA 600/R93/116 (POSITIVE STOP)	PLM EPA 600/R93/116 (w/ gravimetric reduction) (POSITIVE STOP)	ANALYZE BY LAYER	POINT COUNT (IF >1% & <10%)	TEM NY NOB 198.4 (IF PLM SERIES NEG)	MATERIAL
13	3/5/2025	11:38		X	Bearing under bridge	X					RG 1 - Tan rope gasket around bearing bases
14	3/5/2025	11:38		X	Bearing under bridge	X					RG 1 - Tan rope gasket around bearing bases

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	3/5/25	 3/5/25 1600			
(Printed) Andrew Smith	Time: 15:10	(Printed) Najaat Bhura	(Printed)	Time:	(Printed)
Remarks:			Condition of Samples: Acceptable: Yes ✓ No ____ Comments:		Page 2 of 2

EMSL

528 Mineola Ave, Carle Place, NY 11514
TEM Bulk Chain of Custody Record

Date: 03/07/2025

PO#: **C501871** Analysis Type: **TEM EPA N.O.B**
Client: TRC
Client Job#: 501871.8423.0710
Client Job Ref./Loc.: CT DOT- Bridge 03474, Thompson Hill Road over Route 395, Thompson, CT
Relinquished by: D. Marino
Received by:
Report to: KWilliamson@trccompanies.com; SArienti@trccompanies.com; EPlimpton@trccompanies.com; KGraff@trccompanies.com; DCarillo@trccompanies.com; MKostruba@trccompanies.com
Samplers Name: A. Lemay & A. Smith

Turnaround Time: <12 Hour <24 Hour <48 Hour <3 Day **5 Day** **Other:**

				For Lab Use Only	
Client ID #	**Lab ID#**	**Description**	**Location**	**Acceptable on Receipt**	**Comments**
1	66628	Caulk	See COC		
3	66628	Caulk			
5	66628	Caulk			
7	66628	Caulk			
9	66628	Tar			
11	66628	Tar Joint Filler			

For Lab Use Only	# Spies	Total	Client #	Batch #	Results Reported	Comments

EMSL Analytical, Inc.
528 Mineola Avenue Carle Place, NY 11514
Tel/Fax: (516) 997-7251 / (516) 997-7528
http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062502990
Customer ID: TRC51
Customer PO: C501871
Project ID:

Attention: Kathleen Williamson
TRC Environmental Consultants
21 Griffin Road North
Windsor, CT 06095

Phone: (860) 298-9692
Fax: (860) 298-6399
Received Date: 03/11/2025 10:49 AM
Analysis Date: 03/14/2025
Collected Date: 03/05/2025

Project: C501971, 501871.8423.0710, CT DOT- Bridge 03474, Thompson Hill Road over Route 395, Thompson, CT

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
1 *062502990-0001*	South side railing - C1- White caulk on south side of bridge railings	White/Beige Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
3 *062502990-0002*	South side - C2- Grey caulk in bridge joints	Brown/Gray Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
5 *062502990-0003*	South side - C3- Grey caulk in bridge seams	Gray/White Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
7 *062502990-0004*	North railing - C4- Black caulk around north side railings	Brown/Black Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
9 *062502990-0005*	Black road tar - RT1- Black road tar	Brown/Black Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
11 *062502990-0006*	South side - TJF 1- Black Tar joint filler in joint and along curb	Brown/Black Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

Taylor Power (6)

Daniel Clarke, Asbestos Laboratory Manager
or other approved signatory

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY

Initial report from: 03/17/2025 08:38:17

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Stephen Arienti
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET# 25C0171

Report Date:March 12, 2025
Project: Bridge 03474, Thompson Hill Rd over 395
Project Number: 501871.8423-0710

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Laboratory Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
2	25C0171-02	Paint Chip	3/05/2025	03/06/2025

Analyte: TCLP Lead [EPA 6020B]

Analyst: EAS

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
25C0171-02	2	540	0.26	mg/L	20	BC51122	03/11/2025	03/12/2025 13:29	

QUALITY CONTROL SECTION

Batch BC51122 - EPA 6020B

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BC51122-BLK1)					Prepared: 3/11/2025 Analyzed: 3/11/2025				
Lead	ND	0.013							
LCS (BC51122-BS1)					Prepared: 3/11/2025 Analyzed: 3/11/2025				
Lead	0.193	0.013	0.200		96.7	80 - 120			
LCS Dup (BC51122-BSD1)					Prepared: 3/11/2025 Analyzed: 3/11/2025				
Lead	0.194	0.013	0.200		96.8	80 - 120	0.0647	20	

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected at or above the specified reporting limit.
RL	RL is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Result	Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte found in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Pennsylvania NELAP Accreditation 68-02927

New York NELAP Accreditation 11982
Rhode Island Certification 199

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Jeffrey Smith at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by David Ditta

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 25C0171
Project: Bridge 03474, Thompson Hill Rd over 395
Project Number: 501871.8423-0710

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 6020B in Water	
Lead	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2026

25C0171

TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

Edition: November 2013
Supersede Previous Edition

TCLP CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
505871. 8423-0710	Bridge 03474 - Thompson Hill Rd over 395		TCLP Pb: 24hr / 48hr / 3day / X 5day; 24hr / 48hr / 3day / 5day

INSPECTOR: (SIGNATURE)	(PRINTED)
Alex LeMay	Alex LeMay

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	RCRA Pb	RCRA Pb, AS, CR, CD	8 RCRA Metals	TCLP Pb	SPLP Pb	MATERIAL
1	3/5/25			X	railings on top of bridge				X		grey metal railing paint
2	3/5/25			X	underside of bridge				X		grey support beam paint

1220

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
Alex LeMay	3/5/25	3/6/25 (1021)		3/6/25	
(Printed) Alex LeMay	Time: 14:46	(Printed) GREG GILDAY	(Printed) GREG GILDAY	Time: 13:25	(Printed)

Page 1 of 1

* Send results to Stephen Arienti at sarienti@trccompanies.com

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Stephen Arienti
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET# 25C0218

Report Date:March 14, 2025
Project: Bridge No. 03474, Thompson
Project Number: 501871.8423.0710

Connecticut Laboratory Certificate: PH 0116
Massachusetts Laboratory Certificate: M-CT903
Rhode Island Laboratory Certificate: 199

New York NELAP Accreditation: 11982
Pennsylvania Certificate: 68-02927

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
01	25C0218-01	Paint Chip	3/10/2025 13:00	03/11/2025

Analyte: TCLP Lead [EPA 6020B] **Analyst: EAS**

Matrix: Extract

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
25C0218-01	01	11	0.13	mg/L	10	BC51334	03/13/2025	03/13/2025 17:52	

CET # : 25C0218
Project: Bridge No. 03474, Thompson
Project Number: 501871.8423.0710

All questions related to this report should be directed to David Ditta, Timothy Fusco, or Jeffrey Smith at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

This technical report was reviewed by Ashley Mestuzzi

Project Manager

This report shall not be reproduced except in full, without the written approval of the laboratory

Report Comments:

Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
*I- Analyte exceeds method limits from second source standard in Initial Calibration Verification (ICV). No directional bias.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

For Percent Solids, if any of the following prep methods (3050B, 3540C, 3545A, 3550C, 5035 and 9013A) were used for samples pertaining to this report, the percent solids procedure is within that prep method.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at or above the specified reporting limit
Reporting Limit (RL) is the limit of detection for an analyte after any adjustment made for dilution or percent moisture.
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CET # : 25C0218
Project: Bridge No. 03474, Thompson
Project Number: 501871.8423.0710

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 6020B in Water	
Lead	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2026

25C0218

TRC

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE (860) 298-9692
FAX (860) 298-6380

Edition: November 2013
Supersede Previous Edition

TCLP CHAIN OF CUSTODY

LAB ID #.

PROJECT NUMBER	PROJECT NAME	PARAMETERS	TURNAROUND TIME
501871.8423.0710	Bridge No. 03474 Thompson, CT		TCLP ☐ 24hr ☐ 48hr ☒ 3day ☐ 5day
			☐ 24hr ☐ 48hr ☐ 3day ☐ 5day
INSPECTOR: (SIGNATURE)	(PRINTED) Cole Bova		

FIELD SAMPLE NUMBER	DATE	TIME	TYPE COMP	TYPE GRAB	SAMPLE LOCATION	RCRA Pb	RCRA Pb, AS, CR, CD	8 RCRA Metals	TCLP Pb	SPLP Pb		MATERIAL
01	3/10/25	13:00		X	Bridge No. 03474				X			Grey paint on bridge railings.

22°

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
	03/10/25	3/11/25 1150		3/11/25	
(Printed) Cole Bova	Time: 14:00	(Printed) GREG GILDAY	(Printed) GREG GILDAY	Time: 14:45	(Printed)

Lead Based Paint Measurement Summary Table

Device(s) : Niton XLP301-A (Serial #24792) X Ray Fluorescence (XRF) Spectrum Analyzer
Client : ConnDOT
Site : Bridge No. 03474, Route 200 over Interstate 395, Thompson, CT
Project # : 501871.8423.0710
Date(s) : 3/5/2025
Inspector : Alex Lemay

Number	Bridge	Location	Side	Structure	Feature	Material	Color	Condition	Reading (mg/cm^2)	Precision (mg/cm^2)	Depth Index	Duration (sec)	Date/Time
1	Shutter Calibration								3.0	0.0		118.34	3/5/2025 11:26
2	Calibration 0.0								0.0	0.02	1.0	3.45	3/5/2025 11:42
3	Calibration 3.6								3.7	0.3	1.3	5.16	3/5/2025 11:42
4	Calibration 0.7								0.7	0.1	1.07	6.38	3/5/2025 11:43
5	Bridge 03474	Top Of Bridge		Railing	Rail	Metal	Grey	Defective	0.2	0.81	2.62	0.25	3/5/2025 11:45
6	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Grey	Defective	0.1	0.06	2.72	8.57	3/5/2025 11:46
7	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Grey	Defective	0.1	0.03	1.88	8.34	3/5/2025 11:47
8	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Grey	Defective	0.1	0.05	2.24	6.38	3/5/2025 11:47
9	Bridge 03474	Top Of Bridge	South	Railing	Post	Metal	Grey	Defective	0.3	0.1	2.89	7.65	3/5/2025 11:48
10	Bridge 03474	Top Of Bridge	South	Railing	Post	Metal	Grey	Defective	0.3	0.13	3.19	6.15	3/5/2025 11:49
11	Bridge 03474	Top Of Bridge	South	Railing	Base	Metal	Grey	Defective	0.1	0.07	2.99	7.14	3/5/2025 11:50
12	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Orange	Defective	0.0	0.91	10.0	10.29	3/5/2025 11:52
13	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Orange	Defective	0.2	0.24	10.0	11.54	3/5/2025 11:52
14	Bridge 03474	Top Of Bridge	South	Railing	Rail	Metal	Orange	Defective	0.2	0.11	3.98	5.4	3/5/2025 11:53
15	Bridge 03474	Top Of Bridge	North	Railing	Rail	Metal	Grey	Defective	0.2	0.07	1.99	5.66	3/5/2025 11:56
16	Bridge 03474	Top Of Bridge	North	Railing	Rail Segment Joint	Metal	Grey	Defective	0.1	0.07	2.13	5.18	3/5/2025 11:57
17	Bridge 03474	Top Of Bridge	North	Railing	Base	Metal	Grey	Defective	0.2	0.09	3.98	6.15	3/5/2025 11:58
18	Bridge 03474	Top Of Bridge	North	Railing	Post	Metal	Grey	Defective	0.2	0.08	2.22	6.67	3/5/2025 11:58
19	Bridge 03474	Top Of Bridge	North	Railing	Base Bearing	Metal	Grey	Defective	0.1	0.07	3.73	4.92	3/5/2025 11:59
20	Bridge 03474	Top Of Bridge	South	Railing	Rail Segment Joint	Metal	Grey	Defective	10.1	16.0	2.76	0.24	3/5/2025 12:14
21	Bridge 03474	Top Of Bridge	South	Railing	Rail Segment Joint	Metal	Grey	Defective	13.7	2.7	2.47	4.41	3/5/2025 12:14
22	Bridge 03474	Under Bridge		Support Beam		Metal	Grey	Defective	0.0	0.02	1.47	4.9	3/5/2025 12:33
23	Bridge 03474	Under Bridge		Support Beam		Metal	Grey	Defective	0.2	0.15	6.55	5.17	3/5/2025 12:33
24	Bridge 03474	Under Bridge		Support Beam		Metal	Grey	Defective	0.0	0.04	1.74	1.48	3/5/2025 12:34
25	Bridge 03474	Under Bridge		Support Beam		Metal	Grey	Defective	0.1	0.23	4.7	1.72	3/5/2025 12:34
26	Bridge 03474	Under Bridge		Support Beam		Metal	Grey	Defective	26.1	3.7	5.25	4.16	3/5/2025 12:34
27	Bridge 03474	Under Bridge	South	Railing	Rail	Metal	Grey	Defective	0.1	0.24	8.56	4.17	3/5/2025 12:37
28	Bridge 03474	Under Bridge	South	Railing	Rail	Metal	Grey	Defective	0.1	0.05	1.89	4.4	3/5/2025 12:38
29	Calibration 0.0								0.0	0.02	1.0	5.17	3/5/2025 13:10
30	Calibration 3.6								3.6	0.3	1.26	4.92	3/5/2025 13:10
31	Calibration 0.7								0.7	0.1	1.06	6.38	3/5/2025 13:10

Lead paint includes paint found to contain **any detectable** amount of lead
by Atomic Absorption Spectrophotometry (AAS) or X-Ray Fluorescence (XRF).

Side A = Street side; Sides B,C,D follow clockwise

SIH - WinSIH HBM Survey

ConnDOT, Bridge No.03474, Thompson hill Rd Over Route 395

3/10/2025, 7:55:58 PM UTC

CREATED

3/5/2025, 3:45:32 PM UTC
by Andrew Smith

UPDATED

3/10/2025, 7:55:58 PM UTC
by Cole Bova

STATUS

Complete

ASSIGNED TO

No Assignment

NOTE: No site sketch detected!
Please be sure to add at least one.

JOB INFORMATION

Site Name	Bridge No.03474
Address	Thompson hill Rd Over Route 395
TRC Project Number	501871.8423.0710
Project Manager	Erik Plimpton, Stephen Arienti, Michael Kostruba
Inspector(s)	Andrew Smith, Alex Lemay
Client	ConnDOT
Type of Asbestos Survey	Reno/Demo
Site Sketch Diagrams	
Additional Analysis for NOB Materials (Calc)	TEM NY NOB 198.4
PLM Turnaround Time (TAT)	3-day
TEM Turnaround Time (TAT)	5-day
Date	March 5, 2025
General Notes	

Overview Photo

Options & Other Settings

Use auto-numbering?	No
Auto-fill gaps?	Yes
Alert user about missing site sketch?	Yes

SURVEYS PERFORMED	Asbestos, XRF, TCLP Sampling

Asbestos Survey

Materials & Samples (7 Items)

Materials & Samples - 1. (2) Samples #1–2: C1–White caulk on south side bridge railings

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #1: C1…South side railing

Sample Number	1
Sample Location	South side railing
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	10:53

Sample Location Photo

Asbestos Samples - 2. Sample #2: C1…South side railing

Sample Number	2
Sample Location	South side railing
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	10:53

Sample Location Photo

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C ▸ 1
Material Description	White caulk on south side bridge railings
Material Color	White

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	
Notes	

Materials & Samples - 2. (2) Samples #3–4: C2–Grey caulk in bridge joints

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #3: C2…South side

Sample Number	3
Sample Location	South side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:08
Sample Location Photo	

Asbestos Samples - 2. Sample #4: C2…North side

Sample Number	4
Sample Location	North side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:08
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C ▸ 2
Material Description	Grey caulk in bridge joints
Material Color	Grey

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	
Notes	

Materials & Samples - 3. (2) Samples #5–6: C3–Grey caulk in bridge seams

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #5: C3…South side

Sample Number	5
Sample Location	South side
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	March 5, 2025
Time	11:03
Sample Location Photo	

Asbestos Samples - 2. Sample #6: C3…North side

Sample Number	6
Sample Location	North side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:03
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C ▸ 3
Material Description	Grey caulk in bridge seams
Material Color	Grey

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	200 LF
Notes	

Materials & Samples - 4. (2) Samples #7–8: C4–Black caulk around north side railings

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #7: C4…North railing

Sample Number	7
Sample Location	North railing
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	March 5, 2025
Time	11:18
Sample Location Photo	

Asbestos Samples - 2. Sample #8: C4…North railing

Sample Number	8
Sample Location	North railing
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:18
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C ▸ 4
Material Description	Black caulk around north side railings
Material Color	Black

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	
Notes	

Materials & Samples - 5. (2) Samples #9–10: RT 1–Black road tar

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #9: RT 1…Black road tar

Sample Number	9
Sample Location	Black road tar
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	March 5, 2025
Time	11:14
Sample Location Photo	

Asbestos Samples - 2. Sample #10: RT 1…Black road tar

Sample Number	10
Sample Location	Black road tar
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:14
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	RT 1
Material Description	Black road tar
Material Color	Black

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	
Notes	

Materials & Samples - 6. (2) Samples #11–12: TJF 1–Black Tar joint filler In joints and along curb

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #11: TJF 1…South side

Sample Number	11
Sample Location	South side

Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:10
Sample Location Photo	

Asbestos Samples - 2. Sample #12: TJF 1…North side

Sample Number	12
Sample Location	North side
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:11
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	TJF 1
Material Description	Black Tar joint filler In joints and along curb
Material Color	Black

Representative Photos

Analyze by layer?	No
Is material non-friable organically bound (NOB)?	Yes
Homogeneous Area	
Total Approximate Quantity	
Notes	

Materials & Samples - 7. (2) Samples #13–14: RG 1–Tan rope gasket around bearing bases

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #13: RG 1…Bearing under bridge

Sample Number	13
Sample Location	Bearing under bridge
Asbestos Bulk Analysis	PLM EPA 600/R93/116

Grab or Composite	Grab
Date	March 5, 2025
Time	11:38
Sample Location Photo	

Asbestos Samples - 2. Sample #14: RG 1…Bearing under bridge

Sample Number	14
Sample Location	Bearing under bridge
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 5, 2025
Time	11:38
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	RG 1
Material Description	Tan rope gasket around bearing bases
Material Color	Tan
Representative Photos	
Analyze by layer?	No
Is material non-friable organically bound (NOB)?	No
Homogeneous Area	
Total Approximate Quantity	
Notes	

XRF Survey

Niton XRF Model No.	24792
XRF Survey Completed	Yes
XRF Data Downloaded	Yes
XRF Shots >1.0 on non-metallic building materials	No
Date Data Downloaded	March 5, 2025

TCLP/SPLP/Total Lead Survey

Samples (2 Items)

Samples - 1. Grey railing paint

TCLP/SPLP/Total Lead Sample Description	Grey railing paint

TCLP/SPLP/Total Lead Components

Type of Analysis	TCLP Lead
Sample Number	1
Grab or Composite	Grab
Date	March 5, 2025
Time	11:28
TCLP/SPLP/Total Lead Notes	
TCLP/SPLP/Total Lead Photos	

Samples - 2. Grey paint on support beams.

TCLP/SPLP/Total Lead Sample Description	Grey paint on support beams.

TCLP/SPLP/Total Lead Components

Type of Analysis	TCLP Lead
Sample Number	2
Grab or Composite	Grab
Date	March 5, 2025
Time	11:45
TCLP/SPLP/Total Lead Notes	
TCLP/SPLP/Total Lead Photos	

LAB & SAMPLE SUBMISSION INFO

Signature	

Asbestos Bulk Samples

Remarks to be added to the CoC	
Asbestos samples submitted to TRC lab?	No
Date Submitted to Lab	
Asbestos bulk sample CoC data electronically sent to lab yet?	No
Asbestos bulk sample results reviewed?	No

TCLP Samples

TCLP/SPLP Samples Submitted to Lab	No
TCLP/SPLP Samples Submitted To:	
Date Submitted to Lab	

REPORT CREATION

Select one or more documents below to be generated. Once completed in the cloud, they will be sent to the listed email address.	
NOTE: Asbestos bulk sample CoC data must now be sent electronically to the lab by selecting "Asbestos chain-of-custody - Send to Lab" from the list below.	
What documents should be generated?	
Generate Documents	

PROJECT STATUS TRACKING

Has this survey been completed?	Yes
Has the report been written?	No
Has the report been reviewed?	No