

April 1, 2024

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: Michael Bedson, P.E. / Mandy Socolosky

Subject: On-Call Asbestos, Lead, Air Quality & Demolition Compliance Agreement No. 10.04-02 (23) HazMat Inspection – Removal of Bridge No. 04671, Carroll Road over the Patchaug River, Griswold, CT ConnDOT Assignment No. 524-7974 ConnDOT Project No. 57-121 TRC Project No. 501871.7974.0710

Dear Mr. Coite:

TRC performed a limited hazardous materials site investigation associated with the removal of Bridge No. 04671, Carroll Road over the Patchaug River in Griswold, Connecticut. Results of the survey identified lead paint on the railing support, cable guardrail and guardrail metal bridge components to be impacted at Bridge No. 04671. Results obtained from TCLP waste stream sampling and analysis for leachable lead from the paint on the railing support, cable guardrail and guardrail metal bridge components characterized the paint waste stream as **CTDEEP/RCRA** hazardous waste. No detectable amounts of lead in paint were identified on the concrete parapet wall/curb paint, therefore any paint waste generated from those bridge components would be non-hazardous, non-RCRA lead waste. Off-white remnant railing support caulk, tan stone abutment mortar, and grey textured parapet wall skim coat were sampled and found to contain no detectable amounts of asbestos. No bird/pigeon guano accumulations, bloodborne pathogen (BBP) concerns or other hazardous/regulated items were observed in accessible areas of Bridge No. 04671.

XRF Lead Summary Table, associated laboratory data, TRC Mobile Data Solutions Report, and the project location map are attached.

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

Very Truly Yours,

TRC

En K, Cini

Stephen R. Arienti, CHMM Senior Project Manager – Engineer in Charge

Fort RM

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

TRC

Lead Based Paint Measurement Summary Table

 Device(s):
 Niton XLP301-A (Serial #22323) X Ray Fluorescence (XRF) Spectrum Analyzer

 Client:
 ConnDOT

 Site:
 Bridge #04671, Carroll Road over Patchaug River, Griswold, CT

 Project #:
 501871.7974.0710

 Date(s):
 3/6/2024

 Inspector:
 Andrew Smith

Number	Loacation	Bridge No	Structure	Material	Color	Condition	Reading	Precision	Depth	Duration	Date/Time
Number	Loacation	Bridge No.	otractare	material	00101	Contaition	(mg/cm ²)	(mg/cm ²)	Index	(sec)	Dater Time
1	Shutter Calibration						5.8	0.0		70.1	3/6/2024 10:33
2	Calibration						0.0	0.0	1.0	3.79	3/6/2024 10:34
3	Calibration						1.7	0.2	1.23	5.08	3/6/2024 10:35
4	Calibration						0.7	0.1	1.11	3.79	3/6/2024 10:35
5	Exterior	bridge 04671	railing	Metal	Grey	Defective	4.7	0.4	1.51	5.49	3/6/2024 10:38
6	Exterior	bridge 04671	railing	Metal	Grey	Defective	4.2	0.8	1.58	2.97	3/6/2024 10:39
7	Exterior	bridge 04671	railing	Metal	Grey	Defective	4.6	0.9	1.71	2.97	3/6/2024 10:39
8	Exterior	bridge 04671	railing	Metal	Grey	Defective	4.1	0.9	1.6	2.53	3/6/2024 10:40
9	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	2.11	3/6/2024 10:42
10	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	4.24	3/6/2024 10:42
11	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	2.53	3/6/2024 10:42
12	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	3.79	3/6/2024 10:43
13	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	2.96	3/6/2024 10:43
14	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.13	3.79	3/6/2024 10:43
15	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	8.4	3/6/2024 10:45
16	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	9.75	3/6/2024 10:45
17	Exterior	bridge 04671	parapit wall	Concrete	Grey	Defective	0.0	0.0	1.0	7.2	3/6/2024 10:46
18	Exterior	bridge 04671	parapit wall w	Concrete	White	Defective	0.0	0.0	1.0	8.46	3/6/2024 10:48
19	Exterior	bridge 04671	parapit wall w	Concrete	White	Defective	0.0	0.0	5.1	9.72	3/6/2024 10:48
20	Exterior	bridge 04671	parapit wall w	Concrete	White	Defective	0.0	0.0	2.73	8.04	3/6/2024 10:49
21	Exterior	bridge 04671	railing	Metal	Grey	Defective	0.2	0.1	1.87	5.91	3/6/2024 11:09
22	Exterior	bridge 04671	railing	Metal	Grey	Defective	4.0	0.4	1.52	5.95	3/6/2024 11:09
23	Exterior	bridge 04671	guard rail	Metal	Grey	Intact	0.2	0.1	2.68	14.44	3/6/2024 11:18
24	Calibration						0.0	0.0	1.0	3.8	3/6/2024 11:31
25	Calibration						1.7	0.2	1.24	5.09	3/6/2024 11:32
26	Calibration						0.6	0.2	1.0	2.55	3/6/2024 11:32

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# 24C0320

Report Date:March 13, 2024 Project: ConnDOT Bridge 04671, Griswold Project Number: 501871.XXXX.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 2.3°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
01	24C0320-01	Paint Chip	3/06/2024 9:43	03/11/2024
02	24C0320-02	Paint Chip	3/06/2024 9:56	03/11/2024

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep: EPA 3051A

Thatyst. 55

Matrix: Paint Chip

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24C0320-02	02	ND	0.10	%	1	BC41308	03/13/2024	03/13/2024 12:15	

Analyte: TCLP Lead [EPA 6020A]

Analyst: EAS

Matrix: Extract

Prep: EPA 3005A-1311

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
24C0320-01	01	16	0.013	mg/L	1	BC41317	03/13/2024	03/13/2024 13:10	

QUALITY CONTROL SECTION

		Dattin L			/					
Analyte	Result (%)	RL (%)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes	
Blank (BC41308-BLK1)					Prepared: 3	/13/2024 Analy	zed: 3/13/202	24		
Lead	ND	0.10								

Batch BC41308 - EPA 6010C

CET # : 24C0320 Project: ConnDOT Bridge 04671, Griswold

Project Number: 501871.XXXX.0710

Batch BC41317 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (BC41317-BLK1)					Prepared: 3/13	/2024 Analyzed	l: 3/13/2024		
Lead	ND	0.013							
LCS (BC41317-BS1)					Prepared: 3/13	/2024 Analyzed	l: 3/13/2024		
Lead	0.192	0.013	0.200		96.1	80 - 120			

80 Lupes Drive Stratford, CT 06615 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.

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 Robert Blake at 203-377-9984.

Sincerely,

This technical report was reviewed by Jeffrey Smith

David Ditta Laboratory Director Project Manager

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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 # : 24C0320 Project: ConnDOT Bridge 04671, Griswold

Project Number: 501871.XXXX.0710

Cartified Analyses included in this Depart	CERTIFICATIONS
Certifieu Analyses included in this Report	
Analyte	Certifications
EPA 6010C in Solid	
Lead	CT,NY,PA
EPA 6020A in Water	
Lead	СТ

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
СТ	Connecticut Public Health	PH0116	09/30/2024
NY	New York Certification (NELAC)	11982	04/01/2024
PA	Pennsylvania DEP	68-02927	05/31/2024

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6	FIELD SAMPLE NUMBER	DATE	TIME	TY COMP	GRAB	SAMPLE LOCATION	RCRA1		Total Lead	TCLPL	MATERIAL						
	01	3/6/24	9:43		x	Bridge 04671 – Griswold, CT				x	Silver / guardra	orange il paint	railin	ng, railin	g support	, cabl	e
	02	3/6/24	9:56		x	Bridge 04671 – Griswold, CT	<u> </u>		Х		Silver /	white p	arape	et wall, c	urb, guar	drail	paint
	03	3/6/24	9:47		X	Bridge 04671 – Griswold, CT				x	Silver /	white p	arape	et wall, c	urb, guar	drail j	paint
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Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
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(Printe()	Time:	(Printed)	(Printed)	Time:	(Printed)
Tyler Noll	1300	ROBERT FERCAHOUS	ROBERTICRAMI	B/11/24 18	:20
Remarks: Only analyze sample 03 if s	sample 02 is	found to have detectable lead levels.	Results to Stephen Arienti please -		
Sarienti@trccompanies.com. Project p	phase numbe	er pending, please contact Stepehen Ar	rienti if full project number is needed f	or sample	Page 1 of 1
analysis.					

THAN ZJ Page 8 of 8

2400320 •



CT Department of Transportation CLIENT:

Lab Log #:	0063870
Project #:	501871.7974.0710
Date Received:	03/06/2024
Date Analyzed:	03/07/2024

Site: Bridge 04671, 30 Carol Road, Griswold, CT

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

Sample No.	Sample Location	Homogeneous Material Description	Other Matrix Materials	Asbestos %	Asbestos Type
01	04671	Silver/Grey/Red C1- Remnate railing support caulk		ND	None
02	04671	Silver/Grey/Red C1- Remnate railing support caulk		ND	None
03	04671	Tan/Grey MRT 1 - Stone abutment mortar		ND	None
04	04671	Tan/Grey MRT 1 - Stone abutment mortar		ND	None
05	04671	Grey SK 1 - Textured parapet wall skim coat		ND	None
06	04671	Grey SK 1 - Textured parapet wall skim coat		ND	None
07	04671	Grey SK 1 - Textured parapet wall skim coat		ND	None

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 the EPA's Interim Method for the Determination of Asbestos in Bulk Insulation 1982 (EPA 600/M4-82-020) Bulk Analysis Code 18/A01 and the EPA recommended Method for the Determination of Asbestos in Bulk Building Materials July 1993, R.L. Perkins and B.W. Harvey, (EPA/600/R-93/116) Bulk Analysis Code 18/A03, 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 18/A01, effective through June 30, 2024. TRC is accredited by the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC in the Industrial Hygiene Program (IHLAP) for PLM effective through October 1, 2024. 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.

This report shall not be reproduced, except in full, without the written approval of TRC. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the items tested, as received by the laboratory.

Analyzed by: **Reviewed by:** Date Issued

Kathleen Williamson, Laboratory Manager

03/08/2024

Drue Marino, Laboratory Analyst

TRC LABORATORY ASBESTOS ANALYTICAL ACCREDITATIONS

NVLAP Lab Code 101424-0 RI #PLM0007 TX #300354 CO# AL-15020

AIHA-LAP,LLC #100122 CT #PH-0426 VT #AL910359 LA#05011 VA #3333 000283 PHIL# 461

PA#68-03387

ME LA-0075, LB-0071 MA #AA000052 AZ #A20944

HI #L-09-004

NY #10980 WV #000622 NJ #CT004 CA #2907

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	J	N ROAD NOI	NE (860) 298- 298-6380	NUMBER	0110	01/0.00	RE	$\left \right\rangle$	2	DATE	3/6/2024	3/6/2024	3/6/2024	3/6/2024	3/6/2024	3/6/2024	3/6/2024
		21 GRIFFI WINDSOR	TELEPHO FAX (860)	PROJECT	Z01071 VV	VV'I/OTAC	SIGNATU			FIELD SAMPLE NUMBER	01	02	03	04	05	90	07



Aerobiology Laboratory Associates, Inc. 22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857 TEM Bulk Chain of Custody Record

Date: 03/08/2024

PO#:	C5018	71			Anal	ysis Type:	Chatfield	EPA N.O.B	Qualitative
Client:	TRC					• • • •			-
Client Job#:		501871.7974.0710							
Client Job Ref	./Loc.:	CT-DOT – Bridge 04	671, 30 Carol I	Road, Griswold	I, CT				
Relinquished b	oy:	D. Marino							
Received by:									
Report to:		SArienti@trccompan	ies.com, EPlim	npton@trccomp	<u>anies.com, D</u>	Carillo@trc	companies.c	<u>om, KGraff@t</u>	rccompanies.com;
		KWilliamson@trccor	npanies.com						
Samplers Nam	ne:	A. Smith & T. Noll							
Turnaround Ti	me:	<12 Hour	<24 Hour	<48 Hour	<3 Day	5 Day	Other	•	

								For Lab Use Only
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			1					
For Lab Use Only	# Spies	Total	Client #	Batch	#	Results I	Reported	Comments



A Pace Analytical® Laboratory

March 12, 2024

Erik Plimpton TRC Companies, Inc. (CT) 21 Griffin Road North Windsor, CT 06095

Dear Erik Plimpton,

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc., are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only. The listed samples were prepared and analyzed in compliance with the New York State Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples. This method is used for the determination of weight percent of asbestos in non-friable materials. The sample is processed to remove non-asbestos interference. The remaining residue is examined using a Philips transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The following are reported: identification numbers, type of material, initial weight of the sample, weight percent of organic material lost by ashing, weight percent of carbonates lost by acid dissolution, weight percent of nonfibrous/non asbestos inorganic material, total weight percent of asbestos in the original sample, and the type(s) of asbestos, if any.

The EPA recognizes asbestos as the following: actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite. To be considered asbestos containing, a material must be determined to contain greater than one percent asbestos. Samples are retained for a period of 2 months.

The quality control data related to the samples analyzed are available for review upon the written request of the client. Aerobiology Laboratory Associates. Inc. and its personnel assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP. This report may not be reproduced, except in its entirety, without permission of the Aerobiology Laboratory Associates, Inc. Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

FIMUL L COMION

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : NT 20501 CLIENT PROJECT ID: 501871.7974.0710 Client Ref: CT-DOT - Bridge 04671, 30 Carol Road, Griswold, CT CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; ME ID# LA-056; VT ID# AL254362; RI ID# TEM 00150.

Aerobiology Laboratory Associates, Inc

22 Cummings Park, Woburn, Massachusetts 01801 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

LAB ID Field ID Description: Initial Weight % Asbestos Types % Other % % Total % Analyzed / Prep. Color Initial Weight CHR AMO ACT CRO ANT TRE Non-asb. Organic Carb. Asbestos Charged / / Charged / Charged / Charged / Charged / Charged / Charged / / Charged / Charged	Client Pro Client Re PO #: Client #: Client Na	oject #: eference: ame:	5018 CT-D C5018 297 TRC	71.7974.0710 OT - Bridge 04671, 30 Carol Road, Gi 371 Companies, Inc. (CT)	riswold, C ⁻	г									E N C C	Batch: lethod: late Receiv late Analyz late of Rep	NT ved: sed: 3 port: 3	20501 NOB 3/8/2024 /12/2024 /12/2024
Chai Chai Chai Chai Chai Chai Chai Chai	LAB ID	Field I	D	Description:	Color	Initial Weight	CHD	%	Asbes	tos Type	DS ANT	TOE	% Other	%	%	Total %	Analyzed Charged	/ Prepped
								AIVIO	ACT		ANT			Organic		Aspestos		Charged

NT150748 02 Remnant Off-White Railing Support Caulk .24	2482 .00	00. 00	.00. 00.	.00 .00	28.12 66.	5.68	ND	Yes	No
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Comments:

Key: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite TR = Trace = < 1% ND = None Detected

L'Corner

Aimee Cormier, Analyst

Aerobiology Laboratory Associates, Inc. 22 Cummings Park, Woburn, MA 01801 Ph. 781-935-3212 Fax 781-932-4857 TEM Bulk Chain of Custody Record

NT2050/

Date: 03/08/2024

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PO#:	C5018	71			Ana	lysis Type:	Chatfield	EPA N.O.B	Qualitative	
Client:	TRC									
Client Job#:		501871.7974.0710								
Client Job Ref	./Loc.:	CT-DOT – Bridge 04	671, 30 Carol	Road, Griswol	ld, CT					
Relinquished b	by:	D ₂ Marino	1	1.71 E.20						
Received by:		Doren Jana	me dil	124 0.30						
Report to:		SArienti@trccompan	<u>ies.com, EPli</u>	mpton@trccom	<u>panies.com, I</u>	<u> DCarillo@tro</u>	companies.c	om, <u>KGraff@t</u>	rccompanies.com	<u>1;</u>
		KWilliamson@trcco	<u>mpanies.com</u>							
Samplers Nam	ne:	A. Smith & T. Noll								
Turnaround Ti	ime:	<12 Hour	<24 Hour	<48 Hour	<3 Day	5 Day	Other	•		

							For	Lab Use Only
Client ID #	Lab	ID#	Descript	ion	Locatio	n Accept on Rec	able eipt	Comments
02	638	370	Caulk		See CO	C		
·····								
For Lab Use Only	# Spies	Total	Client #	Batch #	ŧ Re	sults Reported	Comm	ents

21 GRIFF	RC IN ROAD NOI	RTH			ASBESTOS BUI		SAMPI	LIN	١G						Suj	Edi persea	ition: le Pre	October vious Ed	2009 lition
WINDSOF	R, CONNECTI	CUT 0609	95		CHAIN OF	CUS	STODY	Y											
TELEPHC	DNE (860) 298- 208 6380	-9692]	LAB	D #.		6	38	70	
PROJECT	NUMBER			PRO	OJECT NAME								TUF	RNA	ROU	ND T	IME		
Incoler	nemblin		20	Con	nDOT — Bridge 04671, 30 Carol		PARAM	IETI	ERS		PLM:		8hr	X	24hr		48hr		3day
501871.XX	XX.0710			Roa	coad, Griswold, Connecticut TEM: X 24hr 48hr 3day									5day					
SIGNATU	RE		_	INS And	PECTOR rew Smith, Tyler Noll	03/116 TOP)	03/116 cduction) TOP)	AYER	NT (%0)	198.4 S NEG)						E.			
			TY	PE /		00/R E S	00/F ic re E S	BYI	€ <1	RIE				м	ATEL	TAT			
FIELD SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE LOCATION	PLM EPA 6 (POSITIV	PLM EPA 6 (w/ gravimetr (POSITIV	ANALYZE	POINT (IF >1%	TEM NY N (IF PLM SE				WL	AIEF	GAL	п		
01	3/6/2024	10:24		X	04671	X			-		C1 - Ren	nnar	nt off-	white	e railii	ng sup	port c	aulk	-
02	3/6/2024	10:24		X	04671	X				Х	C1 - Ren	nnar	nt off-	white	e raili	ng sup	port c	aulk	
03	3/6/2024	10:24		X	04671	X					MRT 1 -	Tan	stone	e abu	tment	morta	ar		
04	3/6/2024	10:24		X	04671	X					MRT 1 - Tan stone abutment mortar								
05	3/6/2024	10:27		X	04671	X					SK 1 - T	extu	red pa	irape	t wall	skim	coat		
06	3/6/2024	10:28		X	04671	X			-		SK 1 - T	'extu	red pa	arape	t wall	skim	coat		×
07	3/6/2024	10:30		X	04671	Х					SK 1 - T	'extu	red pa	irape	t wall	skim	coat		

	Relinquished by (Stenature)	Date:	Received by: (Signature)	3/6/24	Relinquishe	d by: (Signature)	Date:	Received by: (Signature)
		3/6/24	1/1/2					
_	(Pfinted)	Time:	(Printed)	1500	(Printed)		Time:	(Printed)
20	Tyler Noll	1300	VI a Sillia	250				
13	Remarks: Results to Stepehen Arie provide later in week.	enti please. P	roject phase number cu	urrently pending	, SA will	Condition of Samples: Acceptable: Yes No Comments:)	Page 1 of 1

.

	IRU
21 CT	DIFFINI D

BSI - WinBSI HBM Survey

ConnDOT, Bridge 04671, 30 Carol Road Griswold Connecticut 06351 US

3/28/2024, 10:12:41 AM EDT



CREATED

④ 3/5/2024, 5:33:11 PM EST
 ● by Tyler Noll

UPDATED

④ 3/28/2024, 10:12:41 AM EDT

Solution Sentile

STATUS

Complete

ASSIGNED TO

No Assignment





JOB INFORMATION

Site Name	Bridge 04671
Address	30 Carol Road Griswold Connecticut 06351 US
TRC Project Number	501871.7974.0710
Project Manager	Erik Plimpton, Stephen Arienti
Inspector(s)	Tyler Noll, 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)	24-hour
TEM Turnaround Time (TAT)	24-hour
Date	March 5, 2024
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, Bridge/Signs/Light Pole/Traffic Signal Items

Asbestos Survey

Materials	&	Samp	les (3	Items)	
				-		,

Materials & Samples - 1. (2) Samples #01–02: C1–Remnant off-white railing support caulk

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #01: C1...04671

Sample Number	01
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:24





Sample Location Photo

Asbestos Samples - 2. Sample #02: C1...04671

Sample Number	02
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:24
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	C►1
Material Description	Remnant off-white railing support caulk
Material Color	

Representative Photos







BSI - WinBSI HBM Survey

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

Materials & Samples - 2. (2) Samples #03-04: MRT 1-Tan stone abutment mortar

Sample Information

Asbestos Samples (2 Items)

Asbestos Samples - 1. Sample #03: MRT 1...04671

Sample Number	03
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:24

Sample Location Photo

Asbestos Samples - 2. Sample #04: MRT 1...04671

Sample Number	04
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:24
Sample Location Photo	

Material Information	
Sampled or Assumed?	Sampled
Material Acronym	MRT 1





Material Description

Material Color

Representative Photos



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

Materials & Samples - 3. (3) Samples #05-07: SK 1-Textured parapet wall skim coat

Sample Information

Asbestos Samples (3 Items)

Asbestos Samples - 1. Sample #05: SK 1...04671

Sample Number	05
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:27

Sample Location Photo



Asbestos Samples - 2. Sample #06: SK 1...04671

06
04671
PLM EPA 600/R93/116
Grab
March 6, 2024
10:28

Sample Location Photo

Asbestos Samples - 3. Sample #07: SK 1...04671

Sample Number	07
Sample Location	04671
Asbestos Bulk Analysis	PLM EPA 600/R93/116
Grab or Composite	Grab
Date	March 6, 2024
Time	10:30
Sample Location Photo	

Material Information

Sampled or Assumed?	Sampled
Material Acronym	SK 1
Material Description	Textured parapet wall skim coat
Material Color	





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.	22323
XRF Survey Completed	Yes
XRF Data Downloaded	Yes
XRF Shots >1.0 on non-metallic building materials	No
Date Data Downloaded	March 6, 2024

TCLP/SPLP/Total Lead Survey





Samples (3 Items)

Samples - 1. Silver/orange railing, railing support, cable guardrail paint

TCLP/SPLP/Total Lead Sample Description

Silver/orange railing, railing support, cable guardrail paint

TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Paint Chips

Material	Paint Chips
Square Footage	
Type of Analysis	TCLP Lead
Sample Number	01
Grab or Composite	Grab
Date	March 6, 2024
Time	09:43
TCLP/SPLP/Total Lead Notes	





TCLP/SPLP/Total Lead Photos



Samples - 2. Silver/white parapet wall, curb, guardrail paint

TCLP/SPLP/Total Lead Sample Description

Silver/white parapet wall, curb, guardrail paint

TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Paint Chips

Material	Paint Chips
Square Footage	
Type of Analysis	Total Lead
Sample Number	02
Grab or Composite	Grab
Date	March 6, 2024
Time	09:56
TCLP/SPLP/Total Lead Notes	





TCLP/SPLP/Total Lead Photos

Samples - 3. Silver/white parapet wall, curb, guardrail paint

TCLP/SPLP/Total Lead Sample Description

Silver/white parapet wall, curb, guardrail paint

TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Paint Chips

Material	Paint Chips
Square Footage	
Type of Analysis	TCLP Lead
Sample Number	03
Grab or Composite	Grab
Date	March 6, 2024
Time	09:47
TCLP/SPLP/Total Lead Notes	





TCLP/SPLP/Total Lead Photos











Bridge/Signs/Light Pole/Traffic Signal Item Inventory

Items (1 Item)

Items - 1.

Bridge/Sign/Light Pole/Traffic Signal No.	
General Notes	
Accessibility	Accessible
Paint on Structure (s)?	Yes
Paint on what Components/Structure(s)?	Railing, railing support, cable guardrails
Suspect Asbestos Containing Materials Identified on Structure	Yes
Guano Present?	Νο
Homeless Activity	No
Bloodborne Pathogen Concerns?	No
Mice/Mouse Nests/Droppings	No

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?	Asbestos chain-of-custody
Generate Documents	

PROJECT STATUS TRACKING

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





Project 0057-0121 Removal of Bridge #04671 which carries Carroll Road over Pachaug River in Griswold

Project Location





Located approximately 100 feet east of Sheldon Road

Functionally Classified as Rural-Local

Removal of Bridge No. 04671 // State Project No. 0057-0121

