



21 Griffin Rd. North
Windsor, CT 06095

T 860.298.9692
TRCcompanies.com

June 10, 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: Michael Bedson, P.E. / Nicole Ianniello

Subject: On-Call Asbestos, Lead, Air Quality & Demolition Compliance
Agreement No. 8.07-01 (18)
HazMat Inspection – I-91 NB Noise Wall by Bridge No. 05585, Enfield, CT
ConnDOT Assignment No. 519-6743
ConnDOT Project No. 48-200
TRC Project No. 289951.6743.0720

Dear Mr. Coite:

TRC performed a limited hazardous materials site investigation associated with impacts to the noise wall along I-91 northbound associated with Bridge No. 05585 in Enfield, Connecticut. Results of the survey identified various levels of lead, chromium, arsenic, and barium within the pressure treated wood associated with the noise wall. Results obtained from TCLP sampling determined that the wall itself to be non-hazardous, non-RCRA waste. No bird/pigeon guano accumulations, mice droppings/nests, homeless activity, bloodborne pathogen (BBP) concerns or other hazardous/regulated items were observed in accessible areas of the noise wall along I-91.

Laboratory results, TRC Mobile Data Solutions Report, and project information are attached.

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

Very Truly Yours,

TRC

Stephen R. Arienti, CHMM
Office Practice Leader – Program Manager

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



Client: Mr. Mike Kostruba
TRC Environmental Consultants
21 Griffin Rd., North
Windsor, CT 06095

Analytical Report

CET# 25E0108

Report Date: May 09, 2025
Project: ConnDOT Bridge 05585 Sound Barriers - Enfield, CT
Project Number: 289951.6743.0710

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



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

CET # : 25E0108

Project: ConnDOT Bridge 05585 Sound Barriers - Enfield, CT

Project Number: 289951.6743.0710

SAMPLE SUMMARY

The sample(s) were received at 18.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
01	25E0108-01	Solid	5/05/2025 9:45	05/06/2025

Analyte: Mercury [EPA 7471B]

Analyst: ZZZ

Matrix: Solid

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
25E0108-01	01	ND	0.11	mg/kg	1	BE50911	05/09/2025	05/09/2025 12:12	

CET # : 25E0108

Project: ConnDOT Bridge 05585 Sound Barriers - Enfield, CT

Project Number: 289951.6743.0710

Client Sample ID 01

Lab ID: 25E0108-01

Total Metals

Analyst: SS

Method: EPA 6010D

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	7.8	1.9	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Selenium	ND	2.4	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Cadmium	ND	0.47	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Chromium	3000	1.9	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Arsenic	1900	1.9	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Barium	16	1.9	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	
Silver	ND	1.9	1	EPA 3051A	BE50726	05/07/2025	05/09/2025 13:27	

TCLP Metals

Analyst: EAS

Method: EPA 6020B-1311

Matrix: Extract

Analyte	Result (mg/L)	RL (mg/L)	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
Lead	ND	0.013	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Selenium	ND	0.050	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Cadmium	ND	0.0050	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Chromium	0.36	0.050	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Arsenic	2.2	0.050	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Barium	ND	0.050	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Silver	ND	0.020	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	
Mercury	ND	0.0020	1	EPA 3015A	BE50719	05/07/2025	05/07/2025 15:50	

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

Sincerely,

This technical report was reviewed by Timothy Fusco



David Ditta
Laboratory Director



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 # : 25E0108

Project: ConnDOT Bridge 05585 Sound Barriers - Enfield, CT

Project Number: 289951.6743.0710

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 6010D in Solid</i>	
Lead	CT,NY,PA
Selenium	CT,NY,PA
Cadmium	CT,NY,PA
Chromium	CT,NY,PA
Arsenic	CT,NY,PA
Barium	CT,NY,PA
Silver	CT,NY,PA
<i>EPA 6020B in Water</i>	
Lead	CT
Selenium	CT
Cadmium	CT
Chromium	CT
Arsenic	CT
Barium	CT
Silver	CT
Mercury	CT
<i>EPA 7471B in Solid</i>	
Mercury	CT,NY,PA

Complete Environmental Testing operates under the following certifications and accreditations:

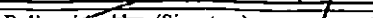
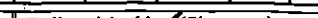
Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2026
NY	New York Certification (NELAC)	11982	04/01/2026
PA	Pennsylvania DEP	68-02927	05/31/2025



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

TCLP CHAIN OF CUSTODY

LAB ID #.

Relinquished by: (Signature) 	Date: 5/5/25	Received by: (Signature) 	Relinquished by: (Signature) 	Date: 5/6/25 14:45	Received by: (Signature) 
(Printed) Tyler Noll	Time: 1200	(Printed)	(Printed)	Time: ↓	(Printed)

Page 1 of 1

Megan Carpenter

From: Kostruba, Michael <MKostruba@trccompanies.com>
Sent: Thursday, May 8, 2025 12:48 PM
To: CET Services
Subject: RE: [EXTERNAL] ConnDOT Bridge 05585 Sound Barriers - Enfield, CT update from Complete Environmental Testing- CET 25E0108

The Project number is incorrect on the COC. It should be 289951.6743.0710 ...NOT ".6843"

Michael C. Kostruba CSP, CHMM
Senior Project Manager
Safety Coordinator
Safety & Industrial Hygiene

21 Griffin Road North, Windsor CT, 06095
T 860-298-6374 | F 860-298-6380 | C 860-817-2413 LinkedIn | Twitter | Blog | TRCcompanies.com

WorkCare (888) 449-7787

Incident Notification Report

Auto Incident Report

Safe Catch Report

-----Original Message-----

From: Complete Environmental Testing <cetservices@cetlabs.com>
Sent: Tuesday, May 6, 2025 4:41 PM
To: Kostruba, Michael <MKostruba@trccompanies.com>
Subject: [EXTERNAL] ConnDOT Bridge 05585 Sound Barriers - Enfield, CT update from Complete Environmental Testing- CET 25E0108

This is an External email. Do not click links or open attachments unless you validate the sender and know the content is safe.

ALWAYS hover over the link to preview the actual URL/site and confirm its legitimacy.

Dear Mr. Mike Kostruba,

The following samples have been logged in by Complete Environmental Testing, per attached chain of custody. Please contact the lab with any questions.

Project: ConnDOT Bridge 05585 Sound Barriers - Enfield, CT
CET: 25E0108

SIH - WinSIH HBM Survey

ConnDOT, Bridge 05585 Noise Barriers, I-91 over Grape Brook Enfield Connecticut 06082 US

6/10/2025, 7:28:11 PM UTC

CREATED

🕒 5/5/2025, 1:38:13 PM UTC

👤 by Tyler Noll

UPDATED

🕒 6/10/2025, 7:28:11 PM UTC

👤 by Tyler Noll

STATUS

🟠 Complete

ASSIGNED TO

👤 No Assignment



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

JOB INFORMATION

Site Name	Bridge 05585 Noise Barriers
Address	I-91 over Grape Brook Enfield Connecticut 06082 US
TRC Project Number	289951.6743.0710
Project Manager	Stephen Arienti, Michael Kostruba
Inspector(s)	Tyler Noll, Zac Smith
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)	
TEM Turnaround Time (TAT)	
Date	May 5, 2025
General Notes	If TCLP exceeds any regulatory criteria please analyze samples 2/3 for totals / TCLP RCRA8 - Double numbers on calc sheet Posts approximately 16 inches in diameter. Two posts per panel. Slats. Wooden 2 inch x 2 inch reinforcements approximately 4 feet apart (vertical). Each panel is 15 feet high be 11 feet wide.



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, Hazardous Materials Inventory
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Asbestos Survey

Materials & Samples

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	May 5, 2025

HAZMAT Inventory

Inventory Areas

TCLP/SPLP/Total Lead Survey

Samples (3 Items)

Samples - 1. Noise Barrier Posts/Slats

TCLP/SPLP/Total Lead Sample Description	Noise Barrier Posts/Slats
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TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Wood

Material	Wood
Square Footage	
Type of Analysis	TCLP RCRA 8 Metals, Total RCRA 8 Metals
Sample Number	01
Grab or Composite	Composite
Date	May 5, 2025
Time	09:44
TCLP/SPLP/Total Lead Notes	



TCLP/SPLP/Total Lead Photos



Samples - 2. Noise Barrier Posts

TCLP/SPLP/Total Lead Sample Description	Noise Barrier Posts
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TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Wood

Material	Wood
Square Footage	
Type of Analysis	TCLP RCRA 8 Metals, Total RCRA 8 Metals
Sample Number	02
Grab or Composite	Grab
Date	May 5, 2025
Time	09:56
TCLP/SPLP/Total Lead Notes	



TCLP/SPLP/Total Lead Photos



Samples - 3. Noise Barrier Slats

TCLP/SPLP/Total Lead Sample Description	Noise Barrier Slats
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TCLP/SPLP/Total Lead Components (1 Item)

TCLP/SPLP/Total Lead Components - 1. Wood

Material	Wood
Square Footage	
Type of Analysis	TCLP RCRA 8 Metals, Total RCRA 8 Metals
Sample Number	
Grab or Composite	Grab
Date	May 5, 2025
Time	10:05
TCLP/SPLP/Total Lead Notes	

TCLP/SPLP/Total Lead Photos



LAB & SAMPLE SUBMISSION INFO

Signature

N/A

Signed 5/5/2025, 7:44:03 PM UTC

Asbestos Bulk Samples

Remarks to be added to the CoC

Asbestos samples submitted to TRC lab?	Yes
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Date Submitted to Lab	May 5, 2025
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Asbestos bulk sample CoC data electronically sent to lab yet?	Yes
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Asbestos bulk sample results reviewed?	No
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TCLP Samples

TCLP/SPLP Samples Submitted to Lab	Yes
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TCLP/SPLP Samples Submitted To:	CET
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Date Submitted to Lab	May 5, 2025
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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 - Send to Lab

Generate Documents

PROJECT STATUS TRACKING

Has this survey been completed? Yes

Has the report been written? No

Has the report been reviewed? No

