

Preliminary Asbestos in Air Results  
Columbian Enameling - RV  
Terre Haute, Vigo County, Indiana  
10/23/2024 and 10/24/2024

Analyte			Fibers	Asbestos Fibers	
Screening Level			0.01 f/cc		
Analytical Method			NIOSH 7400 (PCM)	NIOSH 7402 (TEM)	
Sample ID	Sample Location	Date Collected	Result (f/cc)	Result (f/cc)	Asbestos Type
CE-AA-UW-20241023	Upwind	10/23/2024	0.004	NA	NA
CE-AA-DW-20241023	Downwind	10/23/2024	0.011	<0.001	None Detected
CE-AA-CW1-20241023	Crosswind 1	10/23/2024	0.003	NA	NA
CE-AA-CW2-20241023	Crosswind 2	10/23/2024	0.002	NA	NA
CE-AA-GS-20241023	Gradeschool	10/23/2024	0.004	NA	NA
CE-AA-GS-20241023-D	Gradeschool Duplicate	10/23/2024	0.005	NA	NA
CE-AA-FB01-20241023	Field Blank	10/23/2024	ND	NA	NA
CE-AA-FB02-20241023	Field Blank	10/23/2024	ND	NA	NA
CE-AA-UW-20241024	Upwind	10/24/2024	0.001	NA	NA
CE-AA-DW-20241024	Downwind	10/24/2024	0.001	NA	NA
CE-AA-CW1-20241024	Crosswind 1	10/24/2024	0.003	NA	NA
CE-AA-CW2-20241024	Crosswind 2	10/24/2024	0.001	NA	NA
CE-AA-GS-20241024	Gradeschool	10/24/2024	<0.001	NA	NA
CE-AA-FB01-20241024	Field Blank	10/24/2024	ND	NA	NA
CE-AA-FB02-2024124	Field Blank	10/24/2024	ND	NA	NA
CE-AA-LB01-20241024	Lot Blank	10/24/2024	ND	NA	NA
CE-AA-LB02-20241024	Lot Blank	10/24/2024	ND	NA	NA

Preliminary Asbestos in Air Results  
Columbian Enameling - RV  
Terre Haute, Vigo County, Indiana  
10/23/2024 and 10/24/2024

**Notes:**

f/cc: Fibers per cubic centimeter

NA: Not applicable

ND: Not detected

NIOSH: National Institute for Occupational Safety and Health

PCM: Phase contrast microscopy

TEM: Transmission electron microscopy

Exceeds applicable screening limit

## Stage 1 Data Verification Checklist

### Columbian Enameling Site

68HE0520F0032/0001EF304

Reviewed by:

Laboratory: Eurofins J3 Resources, Inc. – Houston, TX

Report No: 3829111

**The data are valid based on the findings of this Stage 1 validation report.**

- √ 1. Chain of custody (CoC) documentation is present.
- √ 2. Sample receipt condition information is present and acceptable.
- √ 3. Laboratory conducting the analysis is identified.
- √ 4. All samples submitted to the laboratory are accounted for.
- √ 5. Requested analytical methods were performed.
- √ 6. Analysis dates are provided.
- √ 7. Analyte results are provided.
- √ 8. Result qualifiers and definitions are provided.
- √ 9. Result units are reported.
- √ 10. Requested reporting limits are present.
- NA 11. Method detection limits are present.
- X 12. Sample collection date and time are present.

Discrepancies:

- 1. CoC form is present as a separate file but is not included in the laboratory report.
- 11. Method detection limits are not applicable to the analytical method used.
- 12. Sample collection times are not present.

Notes:

None

## Stage 1 Data Verification Checklist

### Columbian Enameling Site

68HE0520F0032/0001EF304

Reviewed by:

Laboratory: Eurofins Built Environment Testing – Houston, TX

Report No: 3829111R

**The data are valid based on the findings of this Stage 1 validation report.**

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- √ 3. Laboratory conducting the analysis is identified.
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Discrepancies:

- 1. CoC form is present as a separate file but is not included in the laboratory report.
- 11. Method detection limits are not applicable to the analytical method used.
- 12. Sample collection times are not present.

Notes:

None

Report for:

**Taylor Cooper**  
**Tetra Tech, Inc. - Chicago**  
25213 Dequindre  
Madison Heights, MI 48071

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Regarding: Eurofins J3 Resources, Inc.  
Project: Columbian Enameling  
EML ID: 3829111

Approved by:

Dates of Analysis:  
Asbestos-airborne fiber count (NIOSH 7400): 10-28-2024



Business Unit Manager  
Scott Ward

Service SOPs: Asbestos-airborne fiber count (NIOSH 7400) (EM-AS-S-1260)  
AIHA LAP, LLC accredited service, Lab ID #232338

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

Eurofins J3 Resources, Inc. ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins J3 Resources, Inc.'s LabServe® reporting system includes automated fail-safes to ensure that all AIHA LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Tetra Tech, Inc. - Chicago  
C/O: Taylor Cooper  
Re: Columbian Enameling

Date of Receipt: 10-25-2024  
Date of Report: 10-28-2024

**ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD**

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm <sup>2</sup>	95% UCL*	Fibers per CC
Location: CE-AA-CW1-20241023, Air      Comments:						
18925507-1	4,064.35	28	100	35.67	0.016 (Sr = 0.52)	0.003
Location: CE-AA-UW-20241023, Air      Comments:						
18925652-1	3,925.76	30	100	38.22	0.018 (Sr = 0.52)	0.004
Location: CE-AA-CW2-20241023, Air      Comments:						
18925653-1	4,436.48	21	100	26.75	0.011 (Sr = 0.52)	0.002
Location: CE-AA-GS-20241023, Air      Comments:						
18925654-1	3,969.49	29	100	36.94	0.017 (Sr = 0.52)	0.004
Location: CE-AA-GS-20241023-D, Air      Comments:						
18925655-1	4,020.69	45	100	57.32	0.026 (Sr = 0.52)	0.005
Location: CE-AA-DW-20241023, Air      Comments:						
18925656-1	3,969.19	85	100	108.28	0.056 (Sr = 0.54)	0.011
Location: CE-AA-FB01-20241023, Air      Comments:						
18925657-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: CE-AA-FB02-20241023, Air      Comments:						
18925658-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: CE-AA-LB01-20241024, Air      Comments:						
18925659-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
Location: CE-AA-LB02-20241024, Air      Comments:						
18925660-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A

Interpretation is left to the company and/or persons who conducted the field work.

Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.

Reporting limit is calculated using a minimum detection limit of 7 fibers/mm<sup>2</sup>.

\* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins J3 Resources, Inc.

Client: Tetra Tech, Inc. - Chicago  
C/O: Taylor Cooper  
Re: Columbian Enameling

Date of Receipt: 10-25-2024  
Date of Report: 10-28-2024

**ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD**

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm <sup>2</sup>	95% UCL*	Fibers per CC
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Location: CE-AA-CW1-20241024, Air

Comments:

18925661-1	3,901.531	24	100	30.57	0.015 (Sr = 0.52)	0.003
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Location: CE-AA-UW-20241024, Air

Comments:

18925662-1	4,045.73	12	100	15.29	0.01 (Sr = 0.56)	0.001
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Location: CE-AA-CW2-20241024, Air

Comments:

18925663-1	3,978.28	11	100	14.01	0.009 (Sr = 0.56)	0.001
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Location: CE-AA-GS-20241024, Air

Comments:

18925664-1	3,950.407	7	100	8.92	< 0.006 (Sr = 0.56)	< 0.001
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Location: CE-AA-DW-20241024, Air

Comments:

18925665-1	4,386.78	10	100	12.74	0.008 (Sr = 0.56)	0.001
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Location: CE-AA-FB01-20241024, Air

Comments:

18925666-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
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Location: CE-AA-FB02-20241024, Air

Comments:

18925667-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
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Interpretation is left to the company and/or persons who conducted the field work.

Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.

Reporting limit is calculated using a minimum detection limit of 7 fibers/mm<sup>2</sup>.

\* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.

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Eurofins J3 Resources, Inc.

EMLab ID: 3829111, Page 3 of 4

Client: Tetra Tech, Inc. - Chicago  
C/O: Taylor Cooper  
Re: Columbian Enameling

Date of Receipt: 10-25-2024  
Date of Report: 10-28-2024

**ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD**

**PROJECT ANALYST AND SIGNATORY REPORT**

**Project Analyst**



**Analyst:** Anh Phung

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



**Airborne Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM)**  
**NIOSH 7402; Issue 2: 15-Aug-1994**

Taylor Cooper  
Tetra Tech, Inc. - Chicago  
25213 Dequindre  
Madison Heights, MI 48071

EMLab ID: 3829111  
Project #: N/A  
Receipt Date: 27-Oct-2024  
Analysis Date: 30-Oct-2024  
Report Date: 30-Oct-2024

**Columbian Enameling**

Client Sample ID	Volume (liters)	Debris Loading	Non-Asbestos Fibers	Asbestos Fibers	Asbestos Type(s)	Percent Asbestos	Analytical Sensitivity (f/cm <sup>3</sup> )	Original PCM Concentration (f/cm <sup>3</sup> )	Asbestos Concentration (AS/cm <sup>3</sup> )
CE-AA-DW-20241023	3969.2	10%	23	0	None Detected	0%	0.001	0.011	< 0.001

**Analyst:** Taylor Smylie

  
**Scott M. Ward, Ph. D. Business Unit Manager**

These results apply to the sample(s) as received. Eurofins Built Environment Testing (EBET) is not responsible for results reported in fibers or asbestos structures per cubic centimeter, which is dependent on volumes provided by non-laboratory personnel. This report is for the exclusive use of the addressed client and shall not be reproduced except in full, without written approval by EBET. All samples received in good condition unless otherwise noted. This report shall not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The NIOSH 7402 Method defines a fiber as having a length >5µm, a diameter >0.25µm, and an aspect ratio ≥3:1. Debris loading is the estimated percentage of sample covered by both fibrous and non-fibrous particulates. Samples with Debris Loading >50% are reported as 'Uncountable' due to potential bias. f/cm3 = fibers per cubic centimeter (asbestos + non-asbestos). AS/cm3 = Asbestos Structures per cubic centimeter (asbestos only). N/A = Not Applicable. Version: 1 Version Date: 05/10/2024