

Weston-TechLaw JV
Response Engineering and Analytical Contract
2890 Woodbridge Ave, Building 209 Annex
Edison, NJ 08837-3679

DATE: September 20, 2023

TO: Amy DuBois, EPA/ERT TOCOR
Kim Fitzgerald, REAC Project Manager

THROUGH: Deborah Killeen, REAC QA Manager

FROM: Shobitha Capil, REAC QA/QC Chemist

SUBJECT: MAUI WILDFIRE RESPONSE –AIR SAMPLING EVENT – AUGUST 2023
TASK ORDER #68HE0323F0376- VALIDATION REPORT

INTRODUCTION

Sixty-six air samples on chain of custody (COC) records 9-082123-150548-0001, 9-082223-060438-0004, 9-082323-072401-0005, 9-082423-090848-0008, 9-082423-212853-0010 & 9-082723-153051-0013 were collected from August 20 through August 26, 2023. All samples were prepared and analyzed in accordance with National Institute for Occupational Safety and Health (NIOSH) Method 7400, *Asbestos and Other Fibers by PCM* by Eurofins CEI located in Cary, North Carolina.

A summary of the samples is listed below.

Laboratory Sample #	Field Sample #	Lab Data Package No.	REAC Data Package No.
P008988 through P008995	A-001-H, A-002-H, A-003-H, A-004-H, A-005-H, A-006-FB, A-007-FB, A-008-LB	P232307	AI-072
P008978, P008980, P008982, P008984, P008986, P008987	A-009-H, A-010-H, A-011-H A-012-H, A-013-FB, A-014-FB	P232306	AI-073
P009070, P009072, P009074, P009076, P009078, P009079 P009080, P009082, P009084, P009086, P009087, P009088	A-015-H, A-016-H, A-017-H, A-018-H, A-019-FB, A-020-FB, A-021-H, A-022-H, A-023-H, A-024-H, A-034-FB, A-035-FB	P232325	AI-074
P009089, P009092, P009093, P009095, P009097, P009099 P009100, P009102, P009104, P009105, P009106	A-025-H, A-026-L, A-027-H, A-028-H, A-029-H, A-030-H, A-031-H, A-032-H, A-033-L, A-045-FB, A-046-F	P232326	AI-075
P009120, P009122, P009124, P009126, P009128, P009130, P009132, P009134, P009136, P009138, P009139	A-036-H, A-037-H, A-038-H, A-039-H, A-040-H, A-041-H, A-042-H, A-043-H, A-044-H, A-056-FB, A-057-FB	P232329	AI-076
P009281, P009283, P009284, P009286, P009288, P009290, P009292, P009294, P009296, P009298, P009300, P009302, P009304, P009306, P009308, P009309, P009310, P009311	A-047-H, A-048-L, A-049-H, A-050-H, A-051-H, A-052-H, A-053-H, A-054-H, A-055-H, A-058-H, A-059-H, A-060-H, A-061-H, A-062-H, A-063-FB, A-064-FB, A-065-FB, A-066-FB	P232367	AI-077

Sampling was conducted as per the site-specific Quality Assurance Project Plan (QAPP) and analyzed by the analytical methods stated in the QAPP. Data were validated using a Stage 2B validation done manually in accordance with “USEPA PLM Validation Process Guidelines for Asbestos Data Review” modified for PCM analysis. Stage 2B is defined as a verification and validation based on completeness and compliance checks of sample receipt conditions and BOTH sample-related and instrument-related QC results.

All data validation flags have been inserted into the electronic data deliverable (EDD) under the Result_Qualifier column. NOTE: Some data validation qualifiers may differ from the lab qualifiers.

Asbestos by Method NIOSH 7400 via Phase Contrast Microscopy

Laboratory Workorder ID: P232307

Sample Receipt - Samples were received by the laboratory on August 24, 2023 in good condition.

Microscope Alignment - The microscope was aligned on the day of analysis (08/24/23).

Blank QC Analysis - An internal Lab Blank was analyzed on the day of sample analysis and the blank did not contain any asbestos structures.

Reference Slide Analysis - A Reference slide was analyzed and the results are within control limits.

Replicate Analysis – Replicate samples were not analyzed as part of this sample group.

Duplicate Analysis - Duplicate sample results did not meet the acceptance criteria. Sample result was non-detect. No additional action is required.

Laboratory Workorder ID: P232306

Sample Receipt - Samples were received by the laboratory on August 24, 2023 in good condition.

Microscope Alignment - The microscope was aligned on the day of analysis (08/24/23).

Blank Analysis - An internal Lab Blank was analyzed on the day of sample analysis and the blank did not contain any asbestos structures.

Reference Sample Analysis - A Reference slide was analyzed and the results are within control limits.

Replicate Analysis - Replicate samples were analyzed and met the acceptance criteria.

Duplicate Analysis - Duplicate samples were analyzed and met the acceptance criteria.

Laboratory Workorder ID: P232325

Sample Receipt - Samples were received by the laboratory on August 25, 2023 in good condition.

Microscope Alignment - The microscope was aligned on the day of analysis (08/25/23).

Blank Analysis - An internal Lab Blank was analyzed on the day of sample analysis and the blank did not contain any asbestos structures.

Reference Sample Analysis - A Reference slide was analyzed and the results are within control limits.

Replicate Analysis - Replicate samples were analyzed and met the acceptance criteria.

Duplicate Analysis - Duplicate samples were not analyzed as part of this sample group.

Laboratory Workorder ID: P232326

Sample Receipt - Samples were received by the laboratory on August 26, 2023 in good condition.

Microscope Alignment - The microscope was aligned on the day of analysis (08/26/23).

Blank Analysis - An internal Lab Blank was not prepared on 8/26/23. All associated sample results are non-detect <7 fibers per millimeter squared (mm²). All sample results have been qualified estimated (UJ).

Reference Sample Analysis - A Reference slide was analyzed and the results are within control limits.

Replicate Analysis - Replicate samples were analyzed and met the acceptance criteria.

Duplicate Analysis - Duplicate samples were not analyzed as part of this sample group.

Laboratory Workorder ID: P232329 and P232367

Sample Receipt - Samples were received by the laboratory on August 28, 2023 & August 30, 2023 respectively.

Microscope Alignment - The microscope was aligned on the day of analysis 08/29/23 & 08/31/2023.

Blank Analysis - An internal Lab Blank was analyzed on both the days of sample analysis and the blank did not contain any asbestos structure.

Reference Sample Analysis - A Reference slide was analyzed and the results are within control limits on both days of analysis.

Replicate Analysis - Replicate samples were analyzed and met the acceptance criteria.

Duplicate Analysis - Duplicate samples were not analyzed as part of this sample group.

REFERENCES

Eurofins/CEI, Inc. Fiber Count Analysis by PCM, Method 100, Version: PCSO.05.23.1/16.LM Analysis.

NIOSH. Asbestos and Other Fibers by PCM, Method 7400, 15 August 1994.

USEPA. PLM Validation Process Guidelines for Asbestos Data Review, OLEM Directive: 9200.2-179, October 2016.

cc: REAC SharePoint [Delivs](#)
ERT-IMS Website (REACV-F0376)

USEPA

DateShipped: 8/21/2023
 CarrierName: FedEx
 AirbillNo:

CHAIN OF CUSTODY RECORD
 Site #: F0058
 Contact Name: Nikki Thomsen
 Contact Phone: 571-386-7595

p232306
p008978 - p008987
R230948

No: 9-082223-060438-0004
 Cooler #: 01
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

(19)

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/21/2023	06:00	A-009-H	Loc01-GC-High	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1404	L
	8/21/2023	06:00	A-009-L	Loc01-GC-Low	Asbestos PCM/TEM	1		24	Hours	Ambient Air	350	L
	8/21/2023	18:00	A-010-H	Loc01-GC-High	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1440	L
	8/21/2023	18:00	A-010-L	Loc01-GC-Low	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	L
	8/21/2023	06:00	A-011-H	Loc01-GC-High-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	846 2175	L
	8/21/2023	06:00	A-011-L	Loc01-GC-Low-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	250	L
	8/21/2023	18:00	A-012-H	Loc02-FC-High	Asbestos PCM/TEM	1		24	Hours	Ambient Air	313.5	L
	8/21/2023	18:00	A-012-L	Loc02-FC-Low	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	L
	8/21/2023	06:00	A-013-FB	Loc02-FC	Asbestos PCM/TEM	1		24	Hours	Ambien Air	0	
	8/21/2023	18:00	A-014-FB	Field Blank	Asbestos PCM/TEM	1		24	Hours	Ambien Air	0	

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>Elief R</i>	8/22/23	<i>WT</i>	8/24 9:50	

EUROFINS CEI, INC
SAMPLES ACCEPTED

7913 8388 8752
 83150-F0376-DVR-092023-PCM

WT

USEPA

DateShipped: 8/21/2023
 CarrierName: FedEx
 AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Nikki Thomsen
 Contact Phone: 571-386-7595

No: 9-082123-150548-0001

Cooler #: 01
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

P232307
P008988 - P009000
R230949

13

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/20/2023	06:00	A-001-H	Loc01-GC-High	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	1440	Liters
	8/20/2023	00:53	A-001-L	Loc01-GC-Low	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	392.35	Liters
	8/20/2023	06:00	A-002-H	Loc01-GC-High	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	1404	Liters
	8/20/2023	06:00	A-002-L	Loc01-GC-Low	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	720	Liters
	8/20/2023	06:00	A-003-H	Loc01-GC-High-CO	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	1404	Liters
	8/19/2023	21:23	A-003-L	Loc01-GC-Low-CO	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	192.85	Liters
	8/20/2023	06:00	A-004-H	Loc02-FC-High	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	1440	Liters
	8/20/2023	01:16	A-004-L	Loc02-FC-Low	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	436	Liters
	8/20/2023	14:08	A-005-H	Loc02-FC-High	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	829.6	Liters
	8/20/2023	17:06	A-005-L	Loc02-FC-Low	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambien Air	666	Liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>[Signature]</i>	<i>8/22/23</i>	<i>[Signature]</i>	<i>8/24/23</i>	

EUROFINS CEI, INC
SAMPLES ACCEPTED

[Signature]

79383888752
 83150-F0376-DVR-092023_PCM

USEPA

DateShipped: 8/21/2023

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name: Nikki Thomsen

Contact Phone: 571-386-7595

No: 9-082123-150548-0001

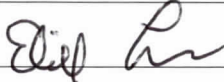
Cooler #: 01

Lab: Eurofins CEI-Cary

Lab Phone: 888-800-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/20/2023	06:00	A-006-FB	Field Blank	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	0	Liters
	8/20/2023	18:00	A-007-FB	Field Blank	Asbestos PCM/TEM	1	TEM Cassette	24	Hours	Ambient Air	0	Liters
			A-008-LB	Lot Blank	Asbestos PCM/TEM	1	TEM Cassette	24	Hours		0	Liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
		8/22/23			

19

P232325

P009070-P009088

USEPA

DateShipped: 8/23/2023

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name: Jennifer Larson

Contact Phone: 800-888-8061

No: 9-082323-072401-0005

Cooler #:

Lab: Eurofins CEI-Cary

Lab Phone: 888-800-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	A-015-H	Loc03-K01	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/21/2023	690	
	A-015-L	Loc03-K01	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	684	
	A-016-H	Loc03-K01	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	1164	
	A-016-L	Loc03-K01	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	582	
	A-017-H	Loc04-K02	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	1404	
	A-017-L	Loc04-K02	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	720	
	A-018-H	Loc04-K02	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	1368	
	A-018-L	Loc04-K02	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	720	
	A-019-FB	Field Blank	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	0	
	A-020-FB	Field Blank	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	0	

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
19	<i>[Signature]</i> REAC/SRT	8/23/23 ^{12:00 PM}	<i>[Signature]</i>	8/25	9:50

7828 7800 5018
83150-F0376-DVR-092023_PCM

USEPA

Date Shipped: 8/23/2023
 Carrier Name: FedEx
 Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Jennifer Larson
 Contact Phone: 800-888-8061

No: 9-082323-072401-0005

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	A-021-H	Loc01-GC	Asbestos PCM/TEM			24	Hours	Ambient Air	TEM Cassette	8/22/2023	820	L
	A-021-L	Loc01-GC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/22/2023 8/23/23	720	L
	A-022-H	Loc01-GC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/23/23	1440	L
	A-022-L	Loc01-GC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/23/23	720	L
	A-023-H	Loc02-FC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/22/2023	1136	L
	A-023-L	Loc02-FC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/22/2023	720	L
	A-024-H	Loc02-FC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/23/23	1440	L
	A-024-L	Loc02-FC	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette			
	A-034-FB	Field Blank	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/22/2023	0	L
	A-035-FB	Field Blank	Asbestos PCM/TEM			24	Hours	' '	TEM Cassette	8/23/2023	0	L

(32)

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
19	[Signature] REAC/ERT	8/23/23 12:00 pm			

P232326

P009089-9106

USEPA

CHAIN OF CUSTODY RECORD

No: 9-082423-090848-0008

DateShipped: 8/24/2023

Site #: F0058

Cooler #:

CarrierName: FedEx

Contact Name:

Lab: Eurofins CEI-Cary

AirbillNo:

Contact Phone:

Lab Phone: 888-800-8061

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Lab #	Sample #	Location	Analyses	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	A-025-H	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1368	Liters
	A-025-L	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	720	Liters
	A-026-H	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1300	Liters
	A-026-L	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	650	Liters
	A-027-H	Loc05-HH-CO	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1440	Liters
	A-027-L	Loc05-HH-CO	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	720	Liters
	A-028-H	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/22/2023	522	Liters
	A-028-L	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	720	Liters
	A-029-H	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1120	Liters
	A-029-L	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette TEM Cassette	8/23/2023	560	Liters
	A-030-H	Loc03-K01	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/22/2023	590	Liters
	A-031-H	Loc03-K01	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1344	Liters
	A-031-L	Loc03-K01	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	672	Liters
	A-032-H	Loc04-K02	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	1440	Liters
	A-032-L	Loc04-K02	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	720	Liters
	A-033-L	Loc04-K02	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	392	Liters
	A-045-FB	Field Blank	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	0	Liters
	A-046-FB	Field Blank	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/23/2023	0	Liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>[Signature]</i> REAL/ERT	8/24/23 12:00 PM	<i>[Signature]</i>	8/26	2:55 pm

eurofins | Accept Samples

TRK 7829 3877 5011

SU 8/26 2:55

p232329

20

USEPA

DateShipped: 8/25/2023
 CarrierName: FedEx
 AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name:
 Contact Phone:

P009120 - P009139

No: 9-082423-212853-0010

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	A-036-H	Loc07-KK	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1404	liters
	A-036-L	Loc07-KK	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	720	liters
	A-037-H	Loc07-KK	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1288.95	liters
	A-037-L	Loc07-KK	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	627	liters
	A-038-H	Loc08-CP3	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1440	liters
	A-038-L	Loc08-CP3	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	468	liters
	A-039-H	Loc08-CP3-CO	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1292	liters
	A-039-L	Loc08-CP3-CO	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	720	liters
	A-040-H	Loc08-CP3	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1227.4	liters
	A-040-L	Loc08-CP3	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	422	liters
	A-041-H	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1404	liters
	A-041-L	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	720	liters
	A-042-H	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1120	liters
	A-042-L	Loc06-ES	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	560	liters
	A-043-H	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	1440	liters
	A-043-L	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	648	liters
	A-044-H	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	871.45	liters
	A-044-L	Loc05-HH	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	572.85	liters
	A-056-FB	Field Blank	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	0	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALIZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
20	<i>[Signature]</i> REAC/ERT	8/25/23 12:50 PM	BWB	8/26/23 8:00	

EUROFINS CEI, INC
SAMPLES ACCEPTED

[Signature]

USEPA

DateShipped: 8/25/2023
 CarrierName: FedEx
 AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name:
 Contact Phone:

No: 9-082423-212853-0010

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	A-057-FB	Field Blank	Asbestos PCM/TEM	24	Hours	Ambient Air	TEM Cassette	8/24/2023	0	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALIZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
20	<i>Elis Lu REAC/ERT</i>	8/25/23 12:00 PM			

USEPA

Date Shipped: 8/28/2023
 Carrier Name: FedEx
 Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Jennifer Larson
 Contact Phone: 800-888-8061

No: 9-082723-153051-0013

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

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31

SEL

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/25/2023	06:00	A-047-H	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1386	liters
	8/25/2023	06:00	A-047-L	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	900	liters
	8/25/2023	06:57	A-048-H	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	114	liters
	8/25/2023	17:40	A-048-L	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	665	liters
	8/25/2023	06:00	A-049-H	Loc09-BG-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1404	liters
	8/25/2023	06:00	A-049-L	Loc09-BG-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	684	liters
	8/25/2023	06:00	A-050-H	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1440	liters
	8/25/2023	06:00	A-050-L	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	666	liters
	8/25/2023	18:00	A-051-H	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1422	liters
	8/25/2023	18:00	A-051-L	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	648	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
31	Elief L REAC/ERT	8/28/23 12:00 PM	WI CEI	8/30/23 10:10 AM	HL

USEPA

Date Shipped: 8/28/2023
 Carrier Name: FedEx
 Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Jennifer Larson
 Contact Phone: 800-888-8061

No: 9-082723-153051-0013

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/25/2023	06:00	A-052-H	Loc08-CP3	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1440	liters
	8/25/2023	06:00	A-052-L	Loc08-CP3	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	liters
	8/25/2023	16:17	A-053-H	Loc08-CP3	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1234	liters
	8/25/2023	16:17	A-053-L	Loc08-CP3	Asbestos PCM/TEM	1		24	Hours	Ambient Air	555.3	liters
	8/25/2023	06:00	A-054-H	Loc07-KK	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1386	liters
	8/25/2023	06:00	A-054-L	Loc07-KK	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	liters
	8/25/2023	16:46	A-055-H	Loc07-KK	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1292	liters
	8/25/2023	16:46	A-055-L	Loc07-KK	Asbestos PCM/TEM	1		24	Hours	Ambient Air	646	liters
	8/26/2023	06:00	A-058-H	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1440	liters
	8/26/2023	06:00	A-058-L	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
31	<i>Eid L REAC/ERT</i>	8/28/27 ^{12:00 PM}			

USEPA

Date Shipped: 8/28/2023
 Carrier Name: FedEx
 Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Jennifer Larson
 Contact Phone: 800-888-8061

No: 9-082723-153051-0013

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/26/2023	16:49	A-059-H	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1314.25	liters
	8/26/2023	16:49	A-059-L	Loc09-BG	Asbestos PCM/TEM	1		24	Hours	Ambient Air	649	liters
	8/26/2023	06:00	A-060-H	Loc09-BG-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1476	liters
	8/26/2023	06:00	A-060-L	Loc09-BG-CO	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	liters
	8/26/2023	06:17	A-061-H	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1440	liters
	8/26/2023	06:17	A-061-L	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	720	liters
	8/26/2023	16:39	A-062-H	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	1244	liters
	8/26/2023	16:39	A-062-L	Loc10-CP16	Asbestos PCM/TEM	1		24	Hours	Ambient Air	622	liters
	8/25/2023	06:00	A-063-FB	Field Blank	Asbestos PCM/TEM	1		24	Hours	Ambient Air	0	liters
	8/25/2023	18:00	A-064-FB	Field Blank	Asbestos PCM/TEM	1		24	Hours	Ambient Air	0	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
31	<i>Elina L. BEAC/ERT</i>	8/28/23 ^{12:09 PM}			

USEPA

Date Shipped: 8/28/2023
 Carrier Name: FedEx
 Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058
 Contact Name: Jennifer Larson
 Contact Phone: 800-888-8061

No: 9-082723-153051-0013

Cooler #:
 Lab: Eurofins CEI-Cary
 Lab Phone: 888-800-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/26/2023	06:00	A-065-FB	Field Blank	Asbestos PCM/TEM	1		24	Hours	Ambient Air	0	liters
	8/26/2023	18:00	A-066-FB	Field Blank	Asbestos PCM/TEM	1		24	Hours	Ambient Air	0	liters

Special Instructions: Special Instructions: NOT ALL SAMPLES WILL BE ANALYZED!! Samples were collected in Hi/Lo volume pairs. Only one sample from each pair will be analyzed. In general, the Hi volume will be analyzed, if the sample is overloaded, then the Lo sample should be analyzed, if any fibers are detected, please analyze by NIOSH 7402. The matrix for all samples is air. The media used is SKC 225-321 a 0.8 um mixed cellulose ester filter from Lot 22513-7E6-399.	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
31	<i>E. J. L. REAC/ERT</i>	8/28/23 ^{12:00} PM			