



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



DATE: September 18, 2023

TO: Amy DuBois, EPA/ERT TOCOR

THROUGH: Deborah Killeen, REAC QA Manager

FROM: Shobitha Capil, REAC QA/QC Chemist

SUBJECT: MAUI WILDFIRE RESPONSE –AIR SAMPLING EVENT – AUGUST 2023  
 TASK ORDER #68HERH23F0376- VALIDATION REPORT

**INTRODUCTION**

Sixty six air samples on chain of custody (COC) records 9-082123-152524-0002, 9-082223-060201-0003, 9-082323-073318-0006, 9-082423-091918-0009, 9-082423-221201-0011 & 9-082723-155712-0014 were collected from August 20 through August 26, 2023. All samples were prepared and analyzed in accordance with Method NIOSH 7300 for metals by Eurofins Analytics, LLC located in Ashland, Virginia.

A summary of the samples is listed below

Laboratory Sample #	Field Sample #	Lab Data Package No.	REAC Data Package No.
B236-019-001 through B236-019-008	M-001 through M-008	B236019	AI-061
B236-025-001 through B236-025-006	M-009 through M-014	B236025	AI-062
B240-105-001 through B240-105-012	M-015 through M-024 M-034 & M-035	B240105	AI-063
B238-192-001 through B238-192-011	M-025 through M-033 M-045 & M-046	B238192	AI-064
B240-102-001 through B240-102-011	M-036 through M-044 M-056 & M-057	B240102	AI-065
B242-007-001 through B242-007-018	M-047 through M-055 M-058 through M-066	B242007	AI-066

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 the “Guidance for Labeling Externally Validated Data for Superfund Use.” 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. The Stage 2B checklist is included at the end of this report.

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.

## **Metals by Method NIOSH 7300**

### **Laboratory Workorder ID: B236019**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** - The data package was reviewed and found to be acceptable.

**Continuing Calibration Verification** – Aluminum and potassium did not meet the acceptance criterion for the continuing calibration verifications. Aluminum and potassium results are qualified estimated (UJ) for samples M-001 through M-005, M-006-FB, M-007-FB, M-008-LB and Method Blank LMB ICP230824B.

**Initial Calibration/Continuing Calibration Blank** - The data package was reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** -The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data package was reviewed and found to be acceptable.

**ICS Interference Check Sample** - The data package was reviewed and found to be acceptable.

**Laboratory Control Samples** - The data package was reviewed and found to be acceptable.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** – The data package was reviewed and found to be acceptable.

### **Laboratory. Workorder ID: B236025**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** - The data package was reviewed and found to be acceptable.

**Continuing Calibration Verification** – Aluminum and potassium did not meet the acceptance criterion for the continuing calibration verifications. Aluminum and potassium results are qualified estimated (UJ) for samples M-009 through M-012, M-013-FB, M-014-FB & Method Blank LMB ICP230824B.

**Initial Calibration/Continuing Calibration Blank** - The data package was reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** -The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data package was reviewed and found to be acceptable.

**ICS Interference Check Sample** - The data package was reviewed and found to be acceptable.

**Laboratory Control Samples** - The data package was reviewed and found to be acceptable.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** - The data package was reviewed and found to be acceptable.

**Laboratory Workorder ID: B240105**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** - The data package was reviewed and found to be acceptable.

**Continuing Calibration Verification** – The data package was reviewed and found to be acceptable.

**Initial Calibration/Continuing Calibration Blank** - The data package was reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** – The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data package was reviewed and found to be acceptable.

**ICS Interference Check Sample** - The ICS check standard percent recoveries were below 50% for aluminum, chromium, copper, iron, manganese, nickel and zinc for the closing ICS analysis. This issue was addressed in the Laboratory case narrative. Apparently the solution level in the ICS auto sampler vial was low, resulting in low analyte recoveries. The results for aluminum, chromium, copper, iron, manganese, nickel and zinc are qualified estimated (UJ) for samples M-015 through M-018, M-019-FB, M-020-FB, M-021 through M-024, M-034-FB, M-035-FB and LMB ICP230828B.

**Laboratory Control Samples** – LCS and LCSD recoveries for nickel were above the laboratory established control limits but within method QC control limits. No additional action is required.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** – The data package was reviewed and found to be acceptable.

**Laboratory Workorder ID: B238192**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** - The data package was reviewed and found to be acceptable.

**Continuing Calibration Verification** - The data package was reviewed and found to be acceptable.

**Initial Calibration/Continuing Calibration Blank** - The data packages were reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** -The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data package was reviewed and found to be acceptable.

**ICS Interference Check Sample** - The data package was reviewed and found to be acceptable.

**Laboratory Control Samples** – LCS and LCSD recoveries for nickel were above the laboratory established control limits but within method QC control limits. No additional action is required.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** - The data package was reviewed and found to be acceptable.

**Laboratory Workorder ID: B240102**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** - The data package was reviewed and found to be acceptable.

**Continuing Calibration Verification** - The data package was reviewed and found to be acceptable.

**Initial Calibration/Continuing Calibration Blank** - The data packages were reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** -The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data package was reviewed and found to be acceptable.

**ICS Interference Check Sample** - The ICS check standard percent recoveries were below 50% for aluminum, chromium, copper, iron, manganese, nickel and zinc for the closing ICS analysis. This issue was addressed in the Laboratory case narrative. Apparently the solution level in the ICS auto sampler vial was low, resulting in low analyte recoveries. The results for aluminum, chromium, copper, iron, manganese, nickel and zinc are qualified estimated (UJ) for samples M-036 through M-044, M-056-FB, M-057-FB and LMB ICP230828B.

**Laboratory Control Samples** – LCS and LCSD recoveries for nickel were above the laboratory established control limits but within method QC control limits. No additional action is required.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** – The data package was reviewed and found to be acceptable.

**Laboratory Workorder ID: B242007**

**Sample Preservation and Holding Time** - The data package was reviewed and found to be acceptable.

**Initial Calibration/ Initial Calibration Verification** – Thallium did not meet the acceptance criterion for the Initial Calibration Verification standard. Thallium results for samples M-047 through M-062, M-063-FB, M-064-FB, M-065-FB, M-066-FB and Method Blank LMB ICP230830A are qualified estimated (UJ).

**Continuing Calibration Verification** – Nickel did not meet the acceptance criterion for the continuing calibration verifications for samples M-047 through M-051 and Method Blank LMB ICP230830A. Nickel results are qualified estimated (UJ) for samples M-047 through M-051 & Method Blank LMB ICP230830A.

Nickel and cobalt did not meet the acceptance criterion for the continuing calibration verifications for samples M-052 through M-062, M-063-FB, M-064-FB, M-065-FB, M-0665-FB. Nickel and cobalt results are qualified estimated (UJ) for samples M-052 through M-062, M-063-FB, M-064-FB, M-065-FB and M-066-FB.

**Initial Calibration/Continuing Calibration Blank** - The data packages were reviewed and found to be acceptable.

**Blank Contamination (Prep/Reagent/Lot)** -The data package was reviewed and found to be acceptable.

**Reporting Limit Standard** - The data packages were reviewed and found to be acceptable.

**ICS Interference Check Sample** - The data packages were reviewed and found to be acceptable.

**Laboratory Control Samples** – LCS and LCSD recoveries for chromium and nickel were above the Laboratory established control limits but within method QC control limits. No additional action is required.

**Duplicate Sample Analysis (LCS/LCS Duplicate Analysis)** - The data package was reviewed and found to be acceptable.

**Internal Standard Area** – The data package was reviewed and found to be acceptable.

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

B236019

USEPA

DateShipped: 8/21/2023

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name: Nikki Thomsen

Contact Phone: 571-386-7595



B236019

No: 9-082123-152524-0002

Cooler #: 02

Lab: Eurofins Built Environment Testing Analytics

Lab Phone: 800-888-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/20/2023	06:00	M-001	Loc01-GC	NIOSH 7300	1	TEM Cassette	24	Hours	Ambient Air	720	Liters
	8/20/2023	18:00	M-002	Loc01-GC	NIOSH 7300	1	TEM Cassette	24	Hours	Ambien Air	720	Liters
	8/20/2023	06:00	M-003	Loc01-GC-CO	NIOSH 7300	1	TEM Cassette	24	Hours	Ambien Air	720	Liters
	8/20/2023	06:00	M-004	Loc02-FC	NIOSH 7300	1	TEM Cassette	24	Hours	Ambien Air	720	Liters
	8/20/2023	17:08	M-005	Loc02-FC	NIOSH 7300	1	TEM Cassette	24	Hours	Ambient Air	668	Liters
	8/20/2023	06:00	M-006-FB	Field Blank	NIOSH 7300	1	TEM Cassette	24	Hours	Ambient Air	0	Liters
	8/20/2023	18:00	M-007-FB	Field Blank	NIOSH 7300	1	TEM Cassette	24	Hours	Ambient Air	0	Liters
			M-008-LB	Lot Blank	NIOSH 7300	1	TEM Cassette	24	Hours		0	Liters

Special Instructions: Special Instructions: Please analyze for Metals by NIOSH 7300. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.

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		8/24/23 10:41	Intact
			Hannah Whitlock		

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09/14/23



B236025

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

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

No: 9-08:

Lab: Eurofins Built Environment Testing Analytics  
Lab Phone: 800-888-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/21/2023	06:00	M-009	Loc01-GC	NIOSH 7300	1		24	Hours	Ambient Air	720	L
	8/21/2023	18:00	M-010	Loc01-GC	NIOSH 7300	1		24	Hours	Ambient Air	720	L
	8/21/2023	06:00	M-011	Loc02-FC	NIOSH 7300	1		24	Hours	Ambient Air	720	L
	8/21/2023	18:00	M-012	Loc02-FC	NIOSH 7300	1		24	Hours	Ambient Air	720	L
	8/21/2023	06:00	M-013-FB	Loc02-FC-Low	NIOSH 7300	1		24	Hours	Ambien Air	0	
	8/21/2023	18:00	M-014-FB	Loc02-FC-High	NIOSH 7300	1		24	Hours	Ambien Air	0	

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Special Instructions: Special Instructions: Please analyze for Metals by NIOSH 7300. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.	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
		8/24/23		8/24/23 11:01	Intact

09/15/23

USEPA

Date Shipped: 8/24/2023

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name: Jennifer Larson

Contact Phone: 800-888-8061



B238192

No: 9-082423-091918-0009

Cooler #:

Lab: Eurofins Built Environment Testing Analytics

Lab Phone: 800-888-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	M-025	Loc05-HH	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	720	
	M-026	Loc05-HH	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	650	
	M-027	Loc06-ES-CO	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	720	
	M-028	Loc06-ES	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	672	
	M-029	Loc06-ES	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	560	
	M-030	Loc03-K01	NIOSH 7300		Hours	Ambient Air	MCE CassetteMCE Cassette	8/23/2023	720	
	M-031	Loc03-K01	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	672	
	M-032	Loc04-K02	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	720	
	M-033	Loc04-K02	NIOSH 7300		Hours	Ambient Air	MCE Cassette	8/23/2023	703	
	M-045-FB	Field Blank	NIOSH 7300		Hours		MCE CassetteMCE Cassette	8/23/2023	0	
	M-046-FB	Field Blank	NIOSH 7300		Hours		MCE Cassette	8/23/2023	0	

Special Instructions: Special Instructions: Please analyze for Metals by NIOSH 7300. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.

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
11	<i>Prof. L...</i> REAC/ERT	8/24/23 12:00 PM	<i>Jennifer Larson</i> Jennifer Larson	8/24/23 1303	

B238192

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09/15/23



USEPA

Date Shipped: 8/25/2023

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name:

Contact Phone:



B240102

No: 9-082423-221201-0011

Cooler #:

Lab: Eurofins Built Environment Testing Analytics

Lab Phone: 800-888-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	# Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/24/2023	06:00	M-036	Loc07-KK	NIOSH 7300	1	24	Hours	Ambient Air	666	Liters
	8/24/2023	17:01	M-037	Loc07-KK	NIOSH 7300	1	24	Hours	Ambient Air	661	Liters
	8/24/2023	06:00	M-038	Loc08-CP3	NIOSH 7300	1	24	Hours	Ambient Air	720	Liters
	8/24/2023	06:00	M-039	Loc08-CP3-CO	NIOSH 7300	1	24	Hours	Ambient Air	720	Liters
	8/24/2023	04:46	M-040	Loc08-CP3	NIOSH 7300	1	24	Hours	Ambient Air	646	Liters
	8/24/2023	06:00	M-041	Loc06-ES	NIOSH 7300	1	24	Hours	Ambient Air	684	Liters
	8/24/2023	14:20	M-042	Loc06-ES	NIOSH 7300	1	24	Hours	Ambient Air	560	Liters
	8/24/2023	06:00	M-043	Loc05-HH	NIOSH 7300	1	24	Hours	Ambient Air	720	Liters
	8/24/2023	17:02	M-044	Loc05-HH	NIOSH 7300	1	24	Hours	Ambient Air	602	Liters
	8/24/2023	06:00	M-056-FB	Field Blank	NIOSH 7300	1	24	Hours	Ambient Air	0	Liters

Special Instructions: Special Instructions: Please analyze for Metals by NIOSH 7300. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.

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
11	<i>Elief L REAC/ERT</i>	8/25/23 12:00 PM	<i>[Signature]</i> Hannah Whitlock	8/28/23 9:26	<i>Intact</i>

B240102

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09/15/23

USEPA

Date Shipped: 8/25/2023

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name:

Contact Phone:

No: 9-082423-221201-0011

Cooler #:

Lab: Eurofins Built Environment Testing Analytics

Lab Phone: 800-888-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/23/2023	18:00	M-057-FB	Field Blank	NIOSH 7300	1		24	Hours	Ambient Air	0	

Special Instructions: Special Instructions: Please analyze for Metals by NIOSH 7300. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.

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
11	Elial Lu REAC/ERT	8/25/23 12:00 PM			

B240102

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09/15/23



B240105

-073318-0006

USEPA

CHAIN OF CUSTODY RECORD

Date Shipped: 8/23/2023

Site #: F0058

Cooler #:

Carrier Name: FedEx

Contact Name: Jennifer Larson

Lab: Eurofins Built Environment Testing Analytics

Airbill No:

Contact Phone: 800-888-8061

Lab Phone: 800-888-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	M-015	Loc03-K01	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	720	L
	M-016	Loc03-K01	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	582	L
	M-017	Loc04-K02	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	720	L
	M-018	Loc04-K02	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	720	L
	M-019-FB	Field Blank	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	0	
	M-020-FB	Field Blank	NIOSH 7300			24	Hours	Ambient Air	MCE Cassette	8/22/2023	0	
	M-021	Loc01-GC	NIOSH 7300			24	Hours	i r	MCE Cassette	8/22/2023	720	L
	M-022	Loc01-GC	NIOSH 7300			24	Hours	i r	MCE Cassette	8/23/23	720	L
	M-023	Loc02-FC	NIOSH 7300			24	Hours	i r	MCE Cassette	8/22/2023	720	L
	M-024	Loc02-FC	NIOSH 7300			24	Hours	i r	MCE Cassette	8/23/23	471	L

Special Instructions: Special Instructions: Samples were collected in Lo volume. Please analyze for Metals. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.	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
12	<i>Edie L. R. AC/ET</i>	8/23/23 12:00 PM	<i>[Signature]</i>	8/28/23	Intact
			Hannah Whitlock	10:05	

B240105

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09/15/23

**USEPA**  
 DateShipped: 8/23/2023  
 CarrierName: FedEx  
 AirbillNo:

**CHAIN OF CUSTODY RECORD**  
 Site #: F0058  
 Contact Name: Jennifer Larson  
 Contact Phone: 800-888-8061

**No: 9-082323-073318-0006**  
 Cooler #:  
 Lab: Eurofins Built Environment Testing Analytics  
 Lab Phone: 800-888-8061

Lab #	Sample #	Location	Analyses	TAT	TAT Units	TAT	TAT Units	Matrix	Sample Media	Sample Date	Volume	Vol Units
	M-034-FB	Field Blank	NIOSH 7300			24	Hours	/ /	MCE Cassette	8/22/2023	0	
	M-035-FB	Field Blank	NIOSH 7300			24	Hours	/ /	MCE Cassette	8/23/2023	0	

Special Instructions: Special Instructions: Samples were collected in Lo volume. Please analyze for Metals. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.	<b>SAMPLES TRANSFERRED FROM</b> <b>CHAIN OF CUSTODY #</b>
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Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
12	<i>[Signature]</i> DEAC/GRT	8/23/23 12:00 PM			

B242007

USEPA

DateShipped: 8/28/2023

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: F0058

Contact Name: Jennifer Larson

Contact Phone: 800-888-8061



No: 9-082723-155712-0014

Cooler #:

Lab: Eurofins Built Environment Testing Analytics

Lab Phone: 800-888-8061

Lab #	Sample Date	Sample Time	Sample #	Location	Analyses	#	Container	TAT	TAT Units	Matrix	Volume	Vol Units
	8/25/2023	06:00	M-047	Loc09-BG	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/25/2023	17:40	M-048	Loc09-BG	NIOSH 7300	1		24	Hours	Ambient Air	700	liters
	8/25/2023	06:00	M-049	Loc09-BG-CO	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/25/2023	06:00	M-050	Loc10-CP16	NIOSH 7300	1		24	Hours	Ambient Air	702	liters
	8/25/2023	18:00	M-051	Loc10-CP16	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/25/2023	06:00	M-052	Loc08-CP3	NIOSH 7300	1		24	Hours	Ambient Air	594	liters
	8/25/2023	16:18	M-053	Loc08-CP3	NIOSH 7300	1		24	Hours	Ambient Air	772.5	liters
	8/25/2023	06:00	M-054	Loc07-KK	NIOSH 7300	1		24	Hours	Ambient Air	684	liters
	8/25/2023	16:46	M-055	Loc07-KK	NIOSH 7300	1		24	Hours	Ambient Air	516.8	liters
	8/26/2023	06:00	M-058	Loc09-BG	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/26/2023	16:49	M-059	Loc09-BG	NIOSH 7300	1		24	Hours	Ambient Air	681.45	liters
	8/26/2023	06:00	M-060	Loc09-BG-CO	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/26/2023	06:17	M-061	Loc10-CP16	NIOSH 7300	1		24	Hours	Ambient Air	720	liters
	8/26/2023	16:39	M-062	Loc10-CP16	NIOSH 7300	1		24	Hours	Ambient Air	622	liters
	8/25/2023	06:00	M-063-FB	Field Blank	NIOSH 7300	1		24	Hours	Ambient Air	0	liters
	8/25/2023	18:00	M-064-FB	Field Blank	NIOSH 7300	1		24	Hours	Ambient Air	0	liters
	8/26/2023	06:00	M-065-FB	Field Blank	NIOSH 7300	1		24	Hours	Ambient Air	0	liters
	8/26/2023	18:00	M-066-FB	Field Blank	NIOSH 7300	1		24	Hours	Ambient Air	0	liters

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Special Instructions: Special Instructions: Samples were collected in Lo volume. Please analyze for Metals. The matrix for all samples is air. The media used is SKC 225-3-01 a 0.8 um mixed cellulose ester filter from Lot 21717-7E6-010.	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
18	<i>[Signature]</i> REAC/ERT	8/28/23 12:00	<i>[Signature]</i>	8/28/23 9:43	<i>[Signature]</i>
			Hannah Whitlock		

09/15/23