



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacMillan

Analyst Print: Tyler MacMillan AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: K. Williams

Date: 7/26/19 Page 59 of 59

Signature: Tyler MacMillan Date: 7/26/19

Signature: Tyler MacMillan Date: 7/26/19

Signature: C. Lemire Date: 8/22/19

Signature: K. Williams Date: 8/22/19

Rotameter No.: L-25 Date of Calibration: 5/20/19 Lab No. 54143

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	353	354	355	356	357	358	
Sampling Location/Comments	North East	South East	South West	North West	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:55 14:45	7:55 14:45	7:55 14:45	7:55 14:45			
Total Time (min)	410	410	410	410			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1230	1230	1230				
FB — BFB FL — BFL	7/100	4/100	5/100	10/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.41	5.09	6.36	12.73	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0023	ND<0.002	ND<0.002	0.0034	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacMillan Date 8/26/19 Time 17:06

Received By: K. Williams Date 8/22/19 Time 0902

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
356	8/100	CL	8/22/19 Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI
Site: ES South Chlorination Tower
Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macb. Harvey

Analyst Print: Tyler Macb. Harvey AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: K. Williamson

Date: 7/26/19 Page 60 of 60

Signature: Tyler Macb. Harvey Date: 7/26/19

Signature: Tyler Macb. Harvey Date: 7/26/19

Signature: C. Lemire Date: 8/22/19

Signature: K. Williamson Date: 8/22/19

Rotameter No.: L-75 Date of Calibration: 5/20/19 Lab No. 54143

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	359	360							
Sampling Location/Comments	South of Tower	North of Tower							
Type of Sample	1	1							
Pump Number	5	6							
Start Time/Stop Time	10:27 13:15	10:27 13:15							
Total Time (min)	192 168	192 168							
Flow Rate	4 4	4 4							
Total Volume (l)	768 672	768 672							
FB — BFB FL — BFL	2/100	3/100							
Filter Fiber Conc. (fibers/mm ²)	2.54	3.82							
Airborne Fiber Conc. (fibers/cc)	ND < 0.003 ⁴	ND < 0.003 ⁴							

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macb. Harvey Date: 8/21/19 Time: 1700

Received By: K. Williamson Date: 8/22/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Edition: August 2018
Supersedes Previous Edition

Client: UI

Site: ES Station B Demos

Address: 510 Grand Ave,

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 7/29/19

Page 61 of 61

Sampler Print: Tyler Macbdlivray

Signature: Tyler Macbdlivray

Date: 7/29/18

Analyst Print: Tyler Macbdlivray

AAR ID: _____

Signature: Tyler Macbdlivray

Date: 7/28/19

QC Analyst Print: C. Lamice

Signature: C. Lamice

Analyzed: 8/22/19

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Date: 8/22/19

Rotameter No.: L-25

Date of Calibration: 5/24/19

Lab No. 54143

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	361	362	363	364	365	366	
Sampling Location/Comments	North East	South East	South West	North West	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:40	7:48 15:08	7:44 15:04	7:40 15:00			
Total Time (min)	440	440	440	440			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1320	1320	1320	1320			
FB — BFB FL — BFL	2/100	6/100	7/100	9/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	2.54	7.64	8.91	11.46	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	0.0023	0.003	-	-	

STANDARDS
 <0.01 f/cc – EPA Re-Occupancy Clearance Criteria
 0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
 1.0 f/cc – OSHA 30 min Excursion Level
 ND< – Non Detected, less than the limit of detection
 Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Tyler Macbdlivray Date 8/21/19 Time 17:00

Received By: K. Williamson Date 8/22/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
 AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
 ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
 TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
 Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
 Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
 Acceptable: Y ☒ N ☐
 Comments: _____
 AIHA Registry Programs Asbestos Analyst Registry
 Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler MacMillan

Analyst Print: Tyler MacMillan AAR ID: _____

QC Analyst Print: C. Lamire

Lab Supervisor Print: Kevin Williamson

Date: 7/30/19 Page 62 of 62

Signature: Tyler MacMillan Date: 7/30/19

Signature: Tyler MacMillan Date: 7/30/19

Signature: C. Lamire Date: 8/22/19

Signature: Kevin Williamson Date: 8/22/19

Rotameter No.: L-25 Date of Calibration: 5/20/18 Lab No. 54143

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	367	368	369	370	371	372	
Sampling Location/Comments	North East	South East	South West	North West	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 14:20	7:54 14:24	7:58 14:28	8:00 14:30			
Total Time (min)	390	390	390	390			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1170	1170	1170	1170			
FB — BFB FL — BFL	4/100	5/100	3/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	6.36	3.82	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacMillan Date: 8/24/19 Time: 17:00

Received By: Kevin Williamson Date: 8/22/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
368	4/100	CL 8/22/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI
Site: ES station B Guard shack
Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001
Sampler Print: Tyler MacCollivray
Analyst Print: Tyler MacCollivray AAR ID: _____
QC Analyst Print: C. Lomire
Lab Supervisor Print: Williamson
Rotameter No.: L-25

Date: 8/8/19 Page 63 of 63
Signature: Tyler MacCollivray Date: 8/8/19
Signature: Tyler MacCollivray Date: 8/8/19
Signature: C. Lomire Date: 8/22/19
Signature: Williamson Date: 8/22/19
Date of Calibration: _____ Lab No. 54143

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒
Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	373	374	375	376			
Sampling Location/Comments	North	South	SB	FB			
Type of Sample	1	1	X	X			
Pump Number	1	2					
Start Time/Stop Time	10:40 14:55	10:40 14:55					
Total Time (min)	255	255					
Flow Rate	3 3	3 3					
Total Volume (l)	765	765					
FB — BFB FL — BFL	9/100	6/100	2/100	2/100			
Filter Fiber Conc. (fibers/mm ²)	11.46	7.64	—	—			
Airborne Fiber Conc. (fibers/cc)	0.0036	0.0034	—	—			

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCollivray Date 8/21/19 Time 17:00
Received By: Williamson Date 8/22/19 Time 0900
Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI
Site: ES Station B Demo
Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBullway

Analyst Print: Tyler MacBullway AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: K. Hansen

Rotameter No.: L-25

Microscope No. 22002

Date: 8/19/19 Page 65 of 65

Signature: Tyler MacBullway Date: 8/19/19

Signature: Tyler MacBullway Date: 8/19/19

Signature: C. Lemire Date: 8/22/19

Signature: K. Hansen Date: 8/22/19

Signature: K. Hansen Date: 8/22/19

Date of Calibration: 3/20/14 Lab No. 54143

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	377	378	379	380	381	382
Sampling Location/Comments	North East	South East	South West	North West	FB	SB
Type of Sample	1	1	1	1		
Pump Number	1	2	3	4		
Start Time/Stop Time	8:20/15:20	8:30/15:22	8:26/15:26	8:30/15:30		
Total Time (min)	420	420	420	420		
Flow Rate	3 3	3 3	3 3	3 3		
Total Volume (l)	1260	1260	1260	1260		
FB — BFB FL — BFL	9/100	6/100	7/100	5/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	11.46	14.10	8.91	6.36	—	—
Airborne Fiber Conc. (fibers/cc)	0.0034	0.006	0.0023	ND 0.002	—	—

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBullway Date: 8/21/19 Time: 17:00

Received By: K. Hansen Date: 8/22/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
380	4/100	CL 8/22/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave,
New Haven, CT

Contact/Name: M. Karmay Phone: _____

Project No.: 263451, 00228-0001

Date: 8/12/19

Sampler Print: Tyler MacBilley

Signature: Tyler MacBilley

Analyst Print: Tyler MacBilley AAR ID: _____

Signature: Tyler MacBilley

QC Analyst Print: C. Lemire

Signature: C. Lemire

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Rotameter No.: L-25

Date of Calibration: 5/29/14

Edition: August 2018
Supersedes Previous Edition

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Date: 8/12/19

Date Analyzed: 8/12/19

Date Analyzed: 8/22/19

Date Issued: 8/22/19

Lab No. 54143

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	383	384	385	386	387	388	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	8:50 15:20	8:52 15:22	8:58 15:28	9:00 15:30			
Total Time (min)	390	390	390	390			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1170	1170	1170	1170			
FB — BFB FL — BFL	4/100	6/100	7/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.04	7.64	8.91	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	ND 0.002	0.002	0.0023	0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBilley Date 8/12/19 Time 17:00

Received By: K. Williamson Date 8/22/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
385	6/100	CL 8/22/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 26394.00028.0001

Sampler Print: Tyler MacCallumay

Analyst Print: Tyler MacCallumay AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: Lee Williamson

Date: 8/13/19

Signature: Tyler MacCallumay

Signature: Tyler MacCallumay

Signature: C. Lemire

Signature: Lee Williamson

Edition: August 2018
Supersedes Previous Edition

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Date: 8/13/19

Date Analyzed: 8/13/19

Date Analyzed: 8/22/19

Date Issued: 8/22/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 54143

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	389	390	391	392	393	394	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:00 15:40	7:02 15:42	7:04 15:44	7:06 15:46			
Total Time (min)	520	520	520	520			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1300	1300	1300	1300			
FB — BFB FL — BFL	4/100	5/100	4/100	void	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	6.36	5.09	-	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	-	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallumay Date 8/21/19 Time 17:00

Received By: Lee Williamson Date 8/22/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: A. Kearney Phone: _____

Project No.: 263951.00023.0001

Date: 8/14/19

Sampler Print: Tyler MacCallum

Signature: Y. La Mard

Analyst Print: Tyler McGallway AAR ID:

Signature: 

QC Analyst Print: C. Lomica

Signature: [Signature]

Lab Supervisor Print: [Signature]

Signature: [Signature]

Lab Supervisor Print: Williamson
 Date: 1-28

Signature: [Signature]

Rotameter No.: 22
Microscope No. 22002

Date of Calibration: 3/20/14

Edition: August 2018
Supersedes Previous Edition

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Date: 8/14/19

Date Analyzed: 8/14/11

Date Analyzed: 8/22/11

Date

Issued, 8/22/19

Lab No. 54143

Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒
 Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
 Issue 2 8/15/94 A rules
 Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	395	396	397	398	399	400
Sampling Location/Comments	NE	SE	SW	NW	SB	FB
Type of Sample	1	1	1	1		
Pump Number	1	2	3	4		
Start Time/Stop Time	9:00 15:20	9:02 15:22	9:06 15:26	9:10 15:30		
Total Time (min)	380	380	380	380		
Flow Rate	3 3	3 3	3 3	3 3		
Total Volume (l)	1140	1140	1140	1140		
FB — BFB FL — BFL	4/100	9/100	12/100	8/106	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	5.09	11.46	15.28	10.19	-	-
Airborne Fiber Conc. (fibers/cc)	ND(0.002)	0.0034	0.005	0.003	-	-

STANDARDS

<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: Walter MacBride Date 9/24/19 Time 17:00

Received By: [Signature] Date 8/22/19 Time 0900
Relinquished by: _____

Relinquished by: _____ Date _____ Time _____
Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:
 Acceptable: Y N **OC Record**

Sample No.	FB/FL	Analyst/Date	Field/Lab
393	10/1/00	CL 8/22/00	10/1/00

Organization ID: 100122	10/1/00	CC 8/10/11	10/1/00
the laboratory's results is limited to the FB/mm ² .			

TRC Laboratory Asbestos Analytical Certifications:
 AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
 ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
 TX # 300354 VA # 333000283 VT # AL910359 WV # LT000597
 Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
 Results relate only to the samples tested, as received by the laboratory. Veri

Condition of Samples:
Acceptable: Y / N _____
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
397	10/100	CL 8/22/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbillwray

Analyst Print: Tyler Macbillwray AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: K. Williams

Rotameter No.: L-25

Date: 8/15/19 Page 69 of 69

Signature: Tyler Macbillwray Date: _____

Signature: Tyler Macbillwray Date: _____

Signature: C. Lemire Date: 8/22/19

Signature: K. Williams Date: 8/22/19

Date of Calibration: 5/20/19 Lab No. 54143

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002

Received In Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	401	402	403	404	405	406	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:35 16:15	7:40 16:20	7:43 16:23	7:45 16:25			
Total Time (min)	520	520	520	520			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1300	1300	1300	1300			
FB — BFB FL — BFL	5/100	7/100	5/100	8/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.36	8.91	6.36	10.19	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.0023	ND<0.002	0.003	-	-	

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbillwray Date: 8/21/19 Time: 17:00

Received By: K. Williams Date: 8/22/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Condition of Samples: Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kamy Phone: _____

Project No.: 263451 00028.0001

Sampler Print: Tyler Macellum

Analyst Print: Tyler Macellum AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: Williamson

Date: 8/16/19

Signature: Tyler Macellum

Signature: Tyler Macellum

Signature: C. Lemire

Signature: Williamson

Edition: August 2018
Supersedes Previous Edition

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Date: 8/16/19

Date Analyzed: 8/16/19

Date Analyzed: 8/22/19

Date Analyzed: 8/22/19

Date Issued: 8/22/19

Rotameter No.: L23

Date of Calibration: 5/22/19

Lab No. 54143

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	407	408	409	410	411	412	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:20 15:20	7:22 15:22	7:28 15:28	7:30 15:30			
Total Time (min)	480	480	480	480			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1200	1200	1200	1200			
FB — BFB FL — BFL	3/100	2/100	4/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	2.54	5.00	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macellum Date 8/21/19 Time 17:00

Received By: Williamson Date 8/22/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
410	6/100	CL 8/22/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI
Site: SHES Station B Dem
Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBilney

Analyst Print: Tyler MacBilney AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: K. Williams

Rotameter No.: L-25

Microscope No.: 22002

Date: 8/19/19 Page 71 of 71

Signature: Tyler MacBilney Date: 8/14/19

Signature: Tyler MacBilney Date: 8/19/19

Signature: C. Lemire Date: 8/22/19

Signature: K. Williams Date: 8/22/19

Date of Calibration: _____ Lab No. 54143

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	413	414	415	416	417	418	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	4	4	4	4			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:00 15:30	8:02 15:32	8:08 15:38	8:10 15:40			
Total Time (min)	450	450	450	450			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1125	1125	1125	1125			
FB — BFB FL — BFL	3/100	4/100	8/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	5.04	10.19	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	0.003	ND<0.002	-	-	

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBilney Date: 8/21/19 Time: 17:00

Received By: K. Williams Date: 8/22/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
415	6/100	KW 8/22/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacCallumay

Analyst Print: Tyler MacCallumay AAR ID: _____

QC Analyst Print: C. Lemire

Lab Supervisor Print: W. Williams

Rotameter No.: L-25

Date: 8/21/19

Signature: Tyler MacCallumay

Signature: Tyler MacCallumay

Signature: C. Lemire

Signature: W. Williams

Date of Calibration: 5/20/19

Edition: August 2018
Supersedes Previous Edition

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Date: 8/20/19

Analyzed: 8/20/19

Date: _____

Analyzed: 8/22/19

Date: _____

Issued: 8/22/19

Lab No. 54143

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002

Received In Lab for Analysis: ☐ QC Only: ☒

Sample Type: ☒ PCM ☐ TEM ☐ Other: _____ Analysis Method: ☒ NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	419	420	421	422	423	424	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	4	4	4	4			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:30 15:20	8:22 15:22	8:28 15:28	8:30 15:30			
Total Time (min)	420	420	420	420			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1260	1260	1260	1260			
FB — BFB FL — BFL	4/100	7/100	4/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	8.91	5.09	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.0023	ND<0.002	ND<0.002	-	-	

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallumay Date: 8/21/19 Time: 17:00

Received By: W. Williams Date: 8/22/19 Time: 1900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UT
Site: ES Station B Demo
Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Korney Phone: _____

Project No.: 263951, 00028, 0001
Sampler Print: Tyler MacCallum
Analyst Print: Tyler MacCallum AAR ID: _____
QC Analyst Print: C. Lemire
Lab Supervisor Print: V. Williams
Rotometer No.: L-25

Date: 8/21/19 Page 73 of 73
Signature: Tyler MacCallum Date: 8/21/19
Signature: Tyler MacCallum Date: 8/21/19
Signature: C. Lemire Date: 8/22/19
Signature: V. Williams Date: 8/22/19
Date of Calibration: 5/20/19 Lab No. 54143

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/Fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒
Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	425	426	427	428	429	430	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 14:40	7:42 14:42	7:48 14:48	7:50 14:50			
Total Time (min)	420	420	420	420			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1260	1260	1260	1260			
FB — BFB FL — BFL	3/100	2/100	4/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	2.54	5.09	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	NDLO.002	NDLO.002	NDLO.002	NDLO.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler MacCallum Date: 8/21/19 Time: 17:00
Received By: V. Williams Date: 8/22/19 Time: 0900
Relinquished by: _____ Date: _____ Time: _____
Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples: _____
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
427	3/100	CL 8/22/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macdonald

Analyst Print: Tyler Macdonald AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Rotameter No.: L-25

Microscope No. 22002

Date: 8/22/19

Signature: Tyler Macdonald

Signature: Tyler Macdonald

Signature: K. Williamson

Signature: K. Williamson

Signature: K. Williamson

Date of Calibration: 5/20/19

Edition: August 2018
Supersedes Previous Edition

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Date: 8/22/19

Date Analyzed: 8/22/19

Date Analyzed: 9/11/19

Date Issued: 9/11/19

Lab No. 54214

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	431	432	433	434	435	436	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 15:00	7:42 15:02	7:48 15:08	7:50 15:10			
Total Time (min)	440	440	440	440			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1100	1100	1100	1100			
FB — BFB FL — BFL	6/100	5/100	3/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	7.64	6.36	3.82	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0023	0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macdonald Date 9/11/19 Time 12:00

Received By: K. Williamson Date 9/11/19 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
433	2/100	KW 9/11/19	lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbailley

Analyst Print: Tyler Macbailley AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 8/23/19 Page 75 of 75

Signature: Tyler Macbailley Date: 8/23/19

Signature: Tyler Macbailley Date: 8/23/19

Signature: K. Williamson Date: 9/11/19

Signature: K. Williamson Date: 9/11/19

Rotometer No.: L-25 Date of Calibration: 5/20/19 Lab No. 54214

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	437	438	439	440	441	442	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:30 15:30	7:32 15:32	7:38 15:38	7:40 15:40			
Total Time (min)	480	480	480	480			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1200	1200	1200	1200			
FB — BFB FL — BFL	3/100	7/100	5/100	4/100	9/100	9/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	8.91	6.36	5.89	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbailley Date: 9/9/19 Time: 15:00

Received By: K. Williamson Date: 9/10/19 Time: 1600

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Korney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbailivray

Analyst Print: Tyler Macbailivray AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 8/26/19

Signature: Tyler Macbailivray

Signature: Tyler Macbailivray

Signature: K. Williamson

Signature: K. Williamson

Edition: August 2018
Supersedes Previous Edition

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Date: 8/26/19

Date: _____

Analyzed: 8/26/19

Date: _____

Analyzed: 9/11/19

Date: _____

Issued: 9/11/19

Rotometer No.: L-25

Date of Calibration: 5/20/19

Lab No. 54214

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	343	344	345	346	347	348	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:20	7:52 15:22	7:58 15:28	8:00 15:30			
Total Time (min)	440	440	440	440			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1100	1100	1100	1100			
FB — BFB FL — BFL	2/100	4/100	5/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	2.54	5.09	6.36	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbailivray Date: 9/9/19 Time: 17:00

Received By: K. Williamson Date: 9/11/19 Time: 16:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Record

Sample No.	FB/FL	Analyst/Date	Field/Lab
343	1/100	W 9/11/19	lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBullway

Analyst Print: Tyler MacBullway AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Rotometer No.: L-25

Microscope No.: 22002

Date: 8/28/19 Page 77 of 77

Signature: Tyler MacBullway Date: 8/28/19

Signature: Tyler MacBullway Date: 8/28/19

Signature: K. Williamson Date: 9/11/19

Signature: K. Williamson Date: 9/11/19

Date of Calibration: 5/21/14 Lab No. 54214

Edition: August 2018
Supersedes Previous Edition

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	349	350	351	352	353	354	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:50	7:52 15:52	7:58 15:58	8:00 16:00			
Total Time (min)	480	480	480	480			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1200	1200	1200	1200			
FB — BFB FL — BFL	2/100	2/100	5/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	2.54	2.54	6.36	5.09	—	—	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	ND<0.002	—	—	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBullway Date: 9/19/19 Time: 17:00

Received By: K. Williamson Date: 9/11/19 Time: 16:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 8/29/19

Signature: Tyler MacGillivray

Signature: Tyler MacGillivray

Signature: K. Williamson

Signature: K. Williamson

Page 78 of 78

Date: 8/29/19

Date Analyzed: 8/29/19

Date Analyzed: 9/11/19

Date Issued: 9/11/19

Rotometer No.: L-75 Date of Calibration: 5/20/19 Lab No. 54214

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	355	356	357	358	359	360	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	800 15:30	800 15:30	800 15:30	800 15:30			
Total Time (min)	450	450	450	450			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1125	1125	1125	1125			
FB — BFB FL — BFL	6/100	5/100	5/100	10/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	7.64	6.36	6.36	12.73	-	-	
Airborne Fiber Conc. (fibers/cc)	0.002	ND0.002	ND0.002	0.004	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler MacGillivray Date 9/19/19 Time 12:00

Received By: K. Williamson Date 9/11/19 Time 1600

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
355	7/100	KW 9/11/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Edition: August 2018
Supersedes Previous Edition

Client: VI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.0028 0001

Date: 8/30/19

Page 79 of 79

Sampler Print: Zachary Smith

Signature: [Signature]

Date: 8/30/19

Analyst Print: Zachary Smith AAR ID: 91621

Signature: [Signature]

Date: 8/30/19

QC Analyst Print: V Williamson

Signature: [Signature]

Analyzed: 9/11/19

Lab Supervisor Print: V Williamson

Signature: [Signature]

Date: 9/11/19

Rotameter No.: L-25

Date of Calibration: 5/30/19

Lab No. 54214

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	361	362	363	364	365	366	
Sampling Location/Comments	NE Corner	SE Corner	SW Corner	NW Corner	Blank	Blank	
Type of Sample	1	1	1	1			
Pump Number	—	—	—	—			
Start Time/Stop Time	0805 1449	0802 1448	0756 1445	0758 1445			
Total Time (min)	404	406	409	405			
Flow Rate	2.5 2.5	2.5 2.4	2.5 2.5	2.5 2.5			
Total Volume (l)	1010	995	1023	1013			
FB — BFB FL — BFL	3/100	2/100	4/100	2/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.8	2.5	5.1	2.5			
Airborne Fiber Conc. (fibers/cc)	ND<0.003 ✓	ND<0.003 ✓	ND<0.003 ✓	ND<0.003 ✓			

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: [Signature] Date 9/11/19 Time 17:00

Received By: [Signature] Date 9/11/19 Time 1600

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
364	1/100	Vu 9/11/19 Lab	



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00020.0001

Sampler Print: Tyler MacCallum

Analyst Print: Tyler MacCallum AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotometer No.: L-25

Microscope No.: 22002

Sample Type: ☒ PCM ☒ TEM ☐ Other: _____

Analysis Method: ☒ NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Date: 9/3/19

Signature: Tyler MacCallum

Signature: Tyler MacCallum

Signature: Williamson

Signature: Williamson

Date of Calibration: 5/29/19

Lab No.: 54214

Page 80 of 80

Date: 9/3/19

Date Analyzed: 9/3/19

Date Analyzed: 9/11/19

Date Issued: 9/11/19

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	367	368	369	370	371	372	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:20	7:52 15:22	7:58 15:28	8:00 15:30			
Total Time (min)	450	450	450	450			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1125	1125	1125	1125			
FB — BFB FL — BFL	3/100	10/100	12/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	12.73	15.28	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.004	0.005	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallum Date: 9/11/19 Time: 17:00

Received By: Williamson Date: 9/11/19 Time: 16:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples: ☒ Acceptable: Y ☐ N

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263456.00028.0001

Sampler Print: Tyler Marshall

Analyst Print: Tyler Marshall AAR ID: _____

QC Analyst Print: V. Williamson

Lab Supervisor Print: V. Williamson

Date: 9/4/19 Page 81 of 81

Signature: Tyler Marshall Date: 9/4/19

Signature: Tyler Marshall Date: 9/4/19

Signature: V. Williamson Date: 9/11/19

Signature: V. Williamson Date: 9/11/19

Rotometer No.: L-25 Date of Calibration: 5/20/14 Lab No. 54214

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____
Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	373	374	375	376	377	378	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:41 16:41	7:42 16:42	7:43 16:43	7:44 16:44			
Total Time (min)	540	540	540	540			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1350	1360	1360	1350			
FB — BFB FL — BFL	4/100	6/100	4/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	7.64	5.09	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Marshall Date 9/9/19 Time 17:00

Received By: V. Williamson Date 9/11/19 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:
Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
374	5/100	VW 9/11/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: M. Karmy Phone: _____

Project No.: 263481-00028 0001

Sampler Print: Tyler Madallury

Analyst Print: Tyler Madallury AAR ID: _____

QC Analyst Print: Vee Williamson

Lab Supervisor Print: Vee Williamson

Rotometer No.: L25

Date: 9/5/19 Page 82 of 82

Signature: Tyler Madallury Date: 9/5/19

Signature: Tyler Madallury Date: 9/5/19

Signature: Vee Williamson Date: 10/11/19

Signature: Vee Williamson Date: 10/11/19

Date of Calibration: 5/10/19 Lab No. 54327

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	379	380	381	382	383	384	
Sampling Location/Comments	NE Corner	SE Corner	SW Corner	NW Corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:20	7:52 15:22	7:58 15:28	8:00 15:30			
Total Time (min)	450	450	450	450			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1125	1125	1125	1125			
FB — BFB FL — BFL	2/100	6/100	8/100	9/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	2.54	7.64	10.14	11.46	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.0023	0.003	0.0034	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Madallury Date 10/12/19 Time 0600

Received By: Vee Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
381	9/100	Vee Williamson	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray AAR ID: _____

QC Analyst Print: Kee Williamson

Lab Supervisor Print: Kee Williamson

Date: 9/6/19

Signature: Tyler MacGillivray

Signature: Tyler MacGillivray

Signature: Kee Williamson

Signature: Kee Williamson

Page 83 of 83

Date: 9/6/19

Date: 9/6/19

Date: 10/11/19

Date: 10/11/19

Rotometer No.: L-25

Date of Calibration: 5/22/19

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	385	386	387	388	389	390	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	3B	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 15:00	7:42 15:02	7:48 15:08	7:50 15:10			
Total Time (min)	440	440	440	440			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1100	1100	1100	1100			
FB — BFB FL — BFL	3/100	4/100	6/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	5.09	7.64	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	0.0023	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacGillivray Date 10/10/19 Time 0600

Received By: Kee Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave,
New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler MacCallum

Analyst Print: Tyler MacCallum AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Rotometer No.: L-25

Date: 9/19/19

Signature: Tyler MacCallum

Signature: Tyler MacCallum

Signature: K. Williamson

Signature: K. Williamson

Date of Calibration: 5/29/14

Page 84 of 84

Date: 9/19/19

Date Analyzed: 9/19/19

Date Analyzed: 10/11/19

Date Issued: 10/11/19

Lab No. 54327

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: ☒ PCM ☐ TEM ☐ Other: _____ Analysis Method: ☒ NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	391	392	393	394	395	396	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 16:20	7:42 16:22	7:48 16:28	7:50 16:30			
Total Time (min)	520	520	520	520			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1300	1300	1300	1300			
FB — BFB FL — BFL	7/100	3/100	4/100	Void data	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.91 (w)	3.82	5.09	to data	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0023	ND<0.002	ND<0.002	battery	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallum Date 10/11/19 Time 0600

Received By: K. Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
391	6/100	KW 10/11/19	1225



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 50 Grand Ave
New Haven, CT

Contact/Name: McKemy Phone: _____

Project No.: 263951.00023.0001 Date: 9/10/19 Page 85 of 85

Sampler Print: Tyler MacGillivray Signature: Tyler MacGillivray Date: 9/10/19

Analyst Print: Tyler MacGillivray AAR ID: _____ Signature: Tyler MacGillivray Date: 9/10/19

QC Analyst Print: K. Williamson Signature: K. Williamson Date: 10/11/19

Lab Supervisor Print: K. Williamson Signature: K. Williamson Date: 10/11/19

Rotometer No.: L-25 Date of Calibration: 5/22/19 Lab No. 54327

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	397	398	399	400	401	402	
Sampling Location/Comments	NE corner	SE corner	SW corner	North West corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	8:10 15:30	8:12 15:32	8:18 15:38	8:20 15:40			
Total Time (min)	440	440	440	440			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1100	1100	1100	1100			
FB — BFB FL — BFL	3/100	5/100	6/100	2/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	6.36	7.64	2.54	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	0.0023	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacGillivray Date: 10/10/19 Time: 0600

Received By: K. Williamson Date: 10/10/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: A. Kamey Phone: _____

Project No.: 263851.0028.0001

Sampler Print: Tyler Marking

Analyst Print: Tyler Marking AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Rotameter No.: L-25

Microscope No. 22002

Sample Type: PCM ☒ TEM ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Date: 9/11/19

Signature: Tyler Marking

Signature: Tyler Marking

Signature: K. Williamson

Signature: K. Williamson

Date of Calibration: 5/20/19

Received in Lab for Analysis: ☐ QC Only: ☒

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Lab No. 54327

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	403	404	405	406	407	408	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:40 17:40	8:42 17:42	8:48 17:48	8:50 17:50			
Total Time (min)	540	540	540	540			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1350	1350	1350	1350			
FB — BFB FL — BFL	3/100	6/100	5/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	7.64	6.36	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.0023	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler Marking Date 12/10/19 Time 0600

Received By: K. Williamson Date 12/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
403	2/100	KW 12/10/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9892

Edition: August 2018
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AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

Now Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263751.00028.0001

Date: 9/12/19

Page 37 of 37

Sampler Print: Tyler Macallurray

Signature: Tyler Macallurray

Date: 9/12/19

Analyst Print: Tyler Macallurray AAR ID: _____

Signature: Tyler Macallurray

Date: 9/12/19

QC Analyst Print: V. Williamson

Signature: V. Williamson

Analyzed: 9/12/19

QC Analyst Print: V. Williamson

Signature: V. Williamson

Date: 10/11/19

Lab Supervisor Print: V. Williamson

Signature: V. Williamson

Date: 10/11/19

Lab Supervisor Print: V. Williamson

Signature: V. Williamson

Issued: 10/11/19

Rotameter No.: L-25

Date of Calibration: L-25

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	409	410	411	412	413	414	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:15 15:30	8:16 15:31	8:17 15:32	8:18 15:33			
Total Time (min)	435	435	435	435			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1087.5	1087.5	1087.5	1087.5			
FB — BFB FL — BFL	7/100	4/100	8/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.91	5.09	10.14	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	0.003	ND<0.002	0.0034	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macallurray Date 10/10/19 Time 0600

Received By: V. Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
414	6/100	10/11/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: E5 Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: A. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 9/13/19

Page 88 of 88

Sampler Print: Tyla McGilivray

Signature: Tyla McGilivray

Date: 9/13/19

Analyst Print: Tyla McGilivray AAR ID: _____

Signature: Tyla McGilivray

Date: 9/13/19

QC Analyst Print: Lee Williamson

Signature: Lee Williamson

Analyzed: 9/13/19

Lab Supervisor Print: Lee Williamson

Signature: Lee Williamson

Date: 10/11/19

Lab Supervisor Print: Lee Williamson

Signature: Lee Williamson

Date: 10/11/19

Rotameter No.: L-25

Date of Calibration: 5/21/19

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Sample Type: PCM ☒ TEM ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	415	416	417	418	419	420	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:00 15:30	8:01 15:31	8:02 15:32	8:03 15:33			
Total Time (min)	450	450	450	450			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1125	1125	1125	1125			
FB — BFB FL — BFL	4/100	2/100	6/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.04	2.54	7.64	3.02	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	0.0023	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT # 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

Relinquished by: Tyla McGilivray Date 10/10/19 Time 0600

Received By: Lee Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave
New Haven, CT

Contact/Name: M. Kamy Phone: _____

Project No.: 263951.0003.0001

Sampler Print: Tyler Macdallway

Analyst Print: Tyler Macdallway AAR ID: _____

QC Analyst Print: Kee Williamson

Lab Supervisor Print: Kee Williamson

Date: 9/16/19 Page 89 of 89

Signature: Tyler Macdallway Date: 9/16/19

Signature: Tyler Macdallway Date: 9/16/19

Signature: Kee Williamson Date: 10/11/19

Signature: Kee Williamson Date: 10/11/19

Rotameter No.: L-25 Date of Calibration: 5/22/19 Lab No. 54327

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	421	422	423	424	425	426	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 16:50	7:52 16:52	7:58 16:58	8:00 17:00			
Total Time (min)	540	540	540	540			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1350	1350	1350	1350			
FB — BFB FL — BFL	5/100	6/100	5/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.36	7.64	6.36	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler Macdallway Date 10/10/19 Time 0600

Received By: Kee Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:
Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
423	4/100	Kee 10/11/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: Mikemg Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler MacMillan

Analyst Print: Tyler MacMillan AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotameter No.: L-25

Microscope No.: 22002

Date: 9/17/19 Page 90 of 90

Signature: Tyler MacMillan Date: 9/17/19

Signature: Tyler MacMillan Date: 9/17/19

Signature: Williamson Date: 10/11/19

Signature: Williamson Date: 10/11/19

Date of Calibration: 5/20/18 Lab No. 54327

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	427	428	429	430	431	432	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:41 16:21	7:42 16:22	7:43 16:23	7:45 16:25			
Total Time (min)	520	520	520	520			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1300	1300	1300	1300			
FB — BFB FL — BFL	4/100	5/100	3/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	6.36	3.82	5.09	—	—	
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	—	—	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND < — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler MacMillan Date 10/10/19 Time 0600

Received By: Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:
Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
429	2/100	Williamson 10/11/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Karmy Phone: _____

Project No.: 263951, 00023, 0001

Date: 9/13/19

Page 41 of 91

Sampler Print: Tyler MacCallum

Signature: Tyler MacCallum

Date: 9/13/19

Analyst Print: Tyler MacCallum AAR ID: _____

Signature: Tyler MacCallum

Date: 9/13/19

QC Analyst Print: Kell Williamson

Signature: Kell Williamson

Analyzed: 10/11/19

Lab Supervisor Print: Kell Williamson

Signature: Kell Williamson

Date: 10/11/19

Rotameter No.: L-25

Date of Calibration: 5/29/17

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	433	434	435	436	437	438	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 16:40	7:42 16:42	7:48 16:48	7:50 16:50			
Total Time (min)	540	540	540	540			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1350	1350	1350	1350			
FB — BFB FL — BFL	3/100	5/100	5/100	2/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	6.36	6.36	2.54	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallum Date 10/10/19 Time 0600

Received By: Kell Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbilluray

Analyst Print: Tyler Macbilluray AAR ID: _____

QC Analyst Print: V Williamson

Lab Supervisor Print: V Williamson

Date: 9/19/19 Page 92 of 92

Signature: [Signature] Date: 9/19/19

Signature: [Signature] Date: _____

Signature: [Signature] Analyzed: 9/19/19

Signature: [Signature] Date: _____

Signature: [Signature] Issued: 10/11/19

Rotameter No.: L-25 Date of Calibration: L-25 Lab No. 54327

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	439	440	441	442	443	444	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 13:50	7:42 13:52	7:48 13:58	7:50 14:00			
Total Time (min)	370	370	370	370			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	925	925	925	925			
FB — BFB FL — BFL	5/100	6/100	3/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.36	7.64	3.82	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	NDLO.002	0.003	NDLO.002	0.003	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: [Signature] Date 10/10/19 Time 0600

Received By: [Signature] Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐
Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
439	4/100	Res 10/11/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Domo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00028.0001

Date: 9/20/19

Page 93 of 93

Sampler Print: Tyler MacWilliams

Signature: Tyler MacWilliams

Date: 9/20/19

Analyst Print: Tyler MacWilliams AAR ID: _____

Signature: Tyler MacWilliams

Date: _____

QC Analyst Print: W. Williamson

Signature: W. Williamson

Analyzed: 9/20/19

Lab Supervisor Print: W. Williamson

Signature: W. Williamson

Date: _____

Lab Supervisor Print: W. Williamson

Signature: W. Williamson

Issued: 10/11/19

Rotameter No.: L-25

Date of Calibration: 5/27/14

Lab No. 54327

Microscope No. 20502

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	445	446	447	448	449	450	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:30 15:30	7:32 15:32	7:38 15:38	7:40 15:40			
Total Time (min)	480	480	480	480			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1200	1200	1200	1200			
FB — BFB FL — BFL	5/100	7/100	3/100	2/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.36	8.91	3.82	2.54	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.0023	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacWilliams Date 10/16/19 Time 0600

Received By: W. Williamson Date 10/16/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: VI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00023-0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotometer No.: L-25

Microscope No.: 22002

Date: 9/23/19

Signature: Tyler MacGillivray

Signature: Tyler MacGillivray

Signature: Williamson

Signature: Williamson

Signature: Williamson

Edition: August 2018
Supersedes Previous Edition

Page 94 of 94

Date: 9/23/19

Date: _____

Analyzed: 9/23/19

Date: _____

Analyzed: 10/11/19

Date: _____

Issued: 10/11/19

Date of Calibration: 5/20/19 Lab No. 54327

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	451	452	453	454	455	456	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:30 15:50	7:32 15:42	7:33 15:43	7:40 15:50			
Total Time (min)	490	490	490	490			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1225	1225	1225	1225			
FB — BFB FL — BFL	6/100	4/100	5/100	7/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	7.64	5.09	6.36	8.91	-	-	
Airborne Fiber Conc. (fibers/cc)	0.002	ND<0.002	ND<0.002	0.0023	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacGillivray Date: 10/10/19 Time: 0600

Received By: Williamson Date: 10/11/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
451	5/100	<u>Williamson 10/11/19</u>	<u>Lab</u>
			410

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbillivray

Analyst Print: Tyler Macbillivray AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotometer No.: L-25

Microscope No.: 22002

Date: 4/24/19

Signature: Tyler Macbillivray

Signature: Tyler Macbillivray

Signature: Williamson

Signature: Williamson

Edition: August 2018
Supersedes Previous Edition

Page 95 of 95

Date: 4/24/19

Date: _____

Analyzed: 4/24/19

Date: _____

Analyzed: 10/11/19

Date: _____

Issued: 10/11/19

Date of Calibration: 5/29/14 Lab No. 54327

Relative Standard Deviation (Sr)		
Range Fibers/Fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____

Received in Lab for Analysis: ☐ QC Only: ☒

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	457	458	459	460	461	462	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:30 15:30	7:32 15:32	7:38 15:38	7:40 15:40			
Total Time (min)	480	480	480	480			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1200	1200	1200	1200			
FB — BFB FL — BFL	3/100	6/100	2/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	7.64	2.54	6.36	—	—	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	ND<0.002	ND<0.002	—	—	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler Macbillivray Date: 10/10/19 Time: 0600

Received By: Williamson Date: 10/10/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:
Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
459	1/100	Rev 10/11/19	Lab
			411



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: McKearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler McGillivray

Analyst Print: Tyler McGillivray AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotometer No.: L-25

Microscope No.: 22002

Date: 9/25/19

Signature: [Signature]

Signature: [Signature]

Signature: [Signature]

Signature: [Signature]

Signature: [Signature]

Edition: August 2018
Supersedes Previous Edition

Page 96 of 96

Date: 9/25/19

Date: 9/25/19

Analyzed: 10/11/19

Date: 10/11/19

Issued: 10/11/19

Date of Calibration: 5/20/19 Lab No. 54327

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	463	464	465	466	467	468	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:30 15:30	8:32 15:32	8:38 15:38	8:40 15:40			
Total Time (min)	420	420	420	420			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1050	1050	1050	1050			
FB — BFB FL — BFL	7/100	4/100	5/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.91	5.09	6.36	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	0.003	ND<0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: [Signature] Date 10/10/19 Time 0600

Received By: [Signature] Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
			412

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095
860-298-9692

Edition: April 2008
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler Macbillivray

Analyst Print: Tyler Macbillivray

QC Analyst Print: V. Williamson

Lab Supervisor Print: V. Williamson

Date: 9/26/19

Signature: Tyler Macbillivray

Signature: Tyler Macbillivray

Signature: V. Williamson

Signature: V. Williamson

Page 97 of 97

Date: 9/26/19

Date: 9/26/19

Analyzed: 10/11/19

Date: 10/11/19

Issued: 10/11/19

Rotometer No.: L-25

Date of Calibration: 5/20/18

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.369	0.608
20.5 to 50/100	0.296	0.502
>50/100	0.205	0.454

Sample No.	467	468	469	470	471	472	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:30 15:10	7:32 15:12	7:38 15:18	7:40 15:20			
Total Time (min)	460	460	460	460			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1150	1150	1150	1150			
FB — BFB FL — BFL	4/100	7/100	5/106	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	8.91	6.36	5.09	—	—	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002 ³	ND<0.002	ND<0.002	—	—	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbillivray Date 10/10/19 Time 0600

Received By: V. Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
CT#PH-0426 MA#AA000052 NY#10980 RI#AAL-007C3
ME#LB-0071 VA#3333000283 TX#300354 VT#AL014538
AIHA/PAT#100122

Condition of Sample: _____

Acceptable: Y ☒ N ☐

Comments: _____

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
469	4/100	V. Williamson 10/10/19	Lab

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: McKernan Phone: _____

Project No.: 263951.00028.0001

Date: 9/27/14

Page 98 of 98

Sampler Print: Tyler Macmillan

Signature: Tyler Macmillan

Date: 9/27/14

Analyst Print: Tyler Macmillan AAR ID: _____

Signature: Tyler Macmillan

Date: 9/27/14

QC Analyst Print: Lee Williamson

Signature: Lee Williamson

Analyzed: 10/11/19

Lab Supervisor Print: Lee Williamson

Signature: Lee Williamson

Date: 10/11/19

Rotameter No.: L-25

Date of Calibration: 5/20/14

Lab No. 54327

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	473	474	475	476	477	478	
Sampling Location/Comments	SE NE corner	SW SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:25 15:15	8:28 15:18	8:30 15:20	8:35 15:25			
Total Time (min)	410	410	410	410			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1025	1025	1025	1025			
FB — BFB FL — BFL	4/100	5/100	3/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	6.36	3.82	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macmillan Date 10/10/19 Time 0600

Received By: Lee Williamson Date 10/10/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: WI

Site: E3 station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: M. Kanny Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacCallumay

Analyst Print: Tyler MacCallumay AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Date: 9/30/19 Page 99 of 99

Signature: Tyler MacCallumay Date: 9/30/19

Signature: Tyler MacCallumay Date: 9/30/19

Signature: Williamson Date: 11/1/19

Signature: Williamson Date: 11/1/19

Rotameter No.: L-25 Date of Calibration: 5/29/19 Lab No. 54425

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: ☒ PCM ☐ TEM ☐ Other: _____ Analysis Method: ☒ NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	479	480	481	482	483	484	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	1	1	
Pump Number	1	2	3	4			
Start Time/Stop Time	8:10 15:32	8:11 15:33	8:12 15:34	8:13 15:35			
Total Time (min)	442	442	442	442			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1326	1326	1326	1326			
FB — BFB FL — BFL	5/100	6/100	9/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.36	7.64	11.46	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	0.003	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallumay Date 11/1/19 Time 15:00

Received By: Williamson Date 11/1/19 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: ☒ Y ☐ N

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
482	3/100	Williamson 11/1/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: Mikamey Phone: _____

Project No.: 263951.00028.0001

Date: 10/1/19

Page 100 of 100

Sampler Print: Tyler MacCallumay

Signature: Tyler MacCallumay

Date: 10/1/19

Analyst Print: Tyler MacCallumay AAR ID: _____

Signature: Tyler MacCallumay

Date: 10/1/19

QC Analyst Print: KE Williamson

Signature: KE Williamson

Date: 11/1/19

Lab Supervisor Print: KE Williamson

Signature: KE Williamson

Date: 11/1/19

Rotameter No.: L-25

Date of Calibration: 5/20/18

Lab No. 54425

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	485	486	487	488	489	490	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	1	1	
Pump Number	1	2	3	4			
Start Time/Stop Time	7:51 15:07	7:52 15:08	7:53 15:09	7:54 15:10			
Total Time (min)	436	436	436	436			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1308	1308	1308	1308			
FB — BFB FL — BFL	7/100	3/100	5/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.91	3.82	6.36	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0023	NDLO.002	NDLO.002	NDLO.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallumay Date 11/1/19 Time 15:00

Received By: KE Williamson Date 11/1/19 Time 1600

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kesney Phone: _____

Project No.: 26351.00023.0001

Sampler Print: Tyler MacAllister

Analyst Print: Tyler MacAllister AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 10/2/19 Page 101 of 101

Signature: Tyler MacAllister Date: 10/2/19

Signature: Tyler MacAllister Date: 10/2/19

Signature: K. Williamson Date: 11/1/19

Signature: K. Williamson Date: 11/1/19

Rotameter No.: L-25 Date of Calibration: 5/20/18 Lab No. 54425

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	491	492	493	494	495	496	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 14:50	7:51 14:51	7:52 14:52	7:53 14:53			
Total Time (min)	420	420	420	420			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1260	1260	1260	1260			
FB — BFB FL — BFL	3/100	5/100	6/100	2/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.32	6.36	7.64	2.54	-	-	
Airborne Fiber Conc. (fibers/cc)	NDCA.002	NDCA.002	0.002	NDCA.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacAllister Date 11/1/19 Time 15:00

Received By: K. Williamson Date 11/1/19 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:
Acceptable: Y ☒ N ☐
Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
492	4/100	Kee 11/1/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
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AIR SAMPLE ANALYSIS REPORT

Client: MI

Site: ES Station B Demo

Address: 510 Grand Ave,

New Haven, CT

Contact/Name: A. Kamey Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler McCallum

Analyst Print: Tyler McCallum AAR ID: _____

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Date: 10/3/14 Page 102 of 102

Signature: Tyler McCallum Date: 10/3/14

Signature: Tyler McCallum Date: _____

Signature: Williamson Analyzed: 10/3/14

Signature: Williamson Date: _____

Date of Calibration: 5/20/14 Lab No. 54425

Rotameter No.: L-25

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	497	498	499	500	501	502	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	800 1530	802 1532	808 1538	810 1540			
Total Time (min)	450	450	450	450			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1350	1350	1350	1350			
FB — BFB FL — BFL	3/100	4/100	6/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	5.09	7.64	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler McCallum Date 11/1/14 Time 15:00

Received By: Williamson Date 11/1/14 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBain

Analyst Print: Tyler MacBain AAR ID: _____

QC Analyst Print: K Williamson

Lab Supervisor Print: K Williamson

Date: 10/14/19 Page 103 of 103

Signature: Tyler MacBain Date: 10/14/19

Signature: Tyler MacBain Date: 10/14/19

Signature: K Williamson Analyzed: 11/1/19

Signature: K Williamson Date: 11/1/19

Date of Calibration: 8/22/19 Lab No. 54425

Microscope No. 22007 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	503	504	505	506	507	508	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:40	7:52 15:42	7:53 15:48	8:00 15:30			
Total Time (min)	470	470	470	470			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1410	1410	1410	1410			
FB — BFB FL — BFL	7/100	4/100	6/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.91	5.09	7.64	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0023	ND<0.002	0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBain Date 11/1/19 Time 15:00

Received By: K Williamson Date 11/1/19 Time 1600

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
503	6/100	11/1/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Conway Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Madgillmurray

Analyst Print: Tyler Madgillmurray AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 10/7/19 Page 104 of 104

Signature: [Signature] Date: 10/7/19

Signature: _____ Date: _____

Signature: [Signature] Analyzed: 10/7/19

Signature: [Signature] Date: 11/1/19

Date of Calibration: 5/20/14 Lab No. 54425

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	509	510	511	512	513	514	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	8:00 14:50	8:02 14:52	8:03 14:38	8:10 15:00			
Total Time (min)	410	410	410	410			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1230	1230	1230	1230			
FB — BFB FL — BFL	9/100	5/100	4/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	11.46	6.36	5.09	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0084	ND<0.002	ND<0.002	ND<0.002	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Madgillmurray Date 11/1/19 Time 15:00

Received By: [Signature] Date 11/1/19 Time 16:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
512	3/100	12/11/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: WI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler Madillway

Analyst Print: Tyler Madillway AAR ID: _____

QC Analyst Print: Kevin Williamson

Lab Supervisor Print: Kevin Williamson

Rotameter No.: L-25

Microscope No.: 22002

Date: 10/8/19 Page 105 of 105

Signature: [Signature] Date: 10/8/19

Signature: [Signature] Date: 10/8/19

Signature: [Signature] Date: 11/1/19

Signature: [Signature] Date: 11/1/19

Date of Calibration: 5/22/18 Lab No. 54425

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	515	516	517	518	519	520	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	EB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:50 15:00	7:52 15:02	7:58 15:08	8:00 15:10			
Total Time (min)	430	430	430	430			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1290	1290	1290	1290			
FB — BFB FL — BFL	3/100	6/100	5/100	9/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	7.64	6.36	11.46	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	ND<0.002	0.003	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: [Signature] Date: 11/1/19 Time: 15:06

Received By: [Signature] Date: 11/1/19 Time: 16:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Karmay Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbilluray

Analyst Print: Tyler Macbilluray AAR ID: _____

QC Analyst Print: K Williamson

Lab Supervisor Print: K Williamson

Rotameter No.: L-25

Microscope No.: 22002

Sample Type: PCM ☒ TEM ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Date: 10/9/19 Page 106 of 106

Signature: Tyler Macbilluray Date: 10/9/19

Signature: Tyler Macbilluray Date: 10/9/19

Signature: K Williamson Date: 11/1/19

Signature: K Williamson Date: 11/1/19

Date of Calibration: 5/22/14 Lab No. 54425

Received in Lab for Analysis: ☐ QC Only: ☒

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	521	522	523	524	525	526	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:10 15:00	7:12 15:02	7:18 15:08	7:20 15:10			
Total Time (min)	410	410	410	410			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1025	1025	1025	1025			
FB — BFB FL — BFL	9/100	4/100	6/100	8/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	11.46	5.09	7.64	10.19	-	-	
Airborne Fiber Conc. (fibers/cc)	0.0041	ND 0.002	0.002	0.003	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbilluray Date: 11/1/19 Time: 15:00

Received By: K Williamson Date: 11/1/19 Time: 16:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
522	3/100	K Williamson	lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: Mikearney Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler MacCallumay

Analyst Print: Tyler MacCallumay AAR ID: _____

QC Analyst Print: Kevin Williamson

Lab Supervisor Print: Kevin Williamson

Date: 10/10/19 Page 107 of 107

Signature: Tyler MacCallumay Date: 10/10/19

Signature: Tyler MacCallumay Date: 10/10/19

Signature: Kevin Williamson Date: 11/18/19

Signature: Kevin Williamson Date: 11/18/19

Rotameter No.: L-25 Date of Calibration: 5/29/19 Lab No. 54511

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	527	529	529	530	531	532	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:52 15:42	7:53 15:43	7:54 15:44	7:55 15:45			
Total Time (min)	470	470	470	470			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1410	1410	1410	1410	X		
FB — BFB FL — BFL	3/100	4/100	2/100	6/100			
Filter Fiber Conc. (fibers/mm ²)	3.82	5.09	2.54	7.64			
Airborne Fiber Conc. (fibers/cc)	ND<0.002	ND<0.002	ND<0.002	0.002			

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallumay Date 11/18/19 Time 16:00

Received By: Kevin Williamson Date 11/18/19 Time 17:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
530	6/100	Kevin 11/18/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray AAR ID: _____

QC Analyst Print: K Williamson

Lab Supervisor Print: K Williamson

Date: 10/11/19 Page 108 of 108

Signature: Tyler MacGillivray Date: 10/11/19

Signature: Tyler MacGillivray Date: 10/11/19

Signature: K Williamson Date: 11/18/19

Signature: K Williamson Date: 11/18/19

Rotameter No.: L-25 Date of Calibration: 5/28/19 Lab No. 54511

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	533	534	535	536	537	538	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	FB	SB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	8:02 15:12	8:03 15:13	8:04 15:14	8:05 15:15			
Total Time (min)	430	430	430	430			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1290	1290	1290	1290			
FB — BFB FL — BFL	0/100	6/100	7/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	10.14	7.64	8.41	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	0.003 ✓	0.002 ✓	0.0023 ✓	ND 0.002 ✓	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacGillivray Date 11/18/19 Time 16:00

Received By: K Williamson Date 11/18/19 Time 17:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Edition: August 2018
Supersedes Previous Edition

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave.

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263451.00028.0001

Date: 10/14/19

Page 109 of 109

Sampler Print: Tyler Macbilluray

Signature: Tyler Macbilluray

Date: 10/14/19

Analyst Print: Tyler Macbilluray AAR ID: _____

Signature: Tyler Macbilluray

Date: _____

QC Analyst Print: K. Williamson

Signature: K. Williamson

Analyzed: 10/14/19

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Date: _____

Rotameter No.: 625

Date of Calibration: 5/23/19

Lab No. 54511

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☐ TEM ☐ Other: _____

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	539	540	541	542	543	544	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:42 15:02	7:43 15:03	7:44 15:04	7:45 15:05			
Total Time (min)	440	440	440	440			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1320	1320	1320	1320			
FB — BFB FL — BFL	5/100	3/100	2/100	4/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	6.30	3.82	2.54	5.09	-	-	
Airborne Fiber Conc. (fibers/cc)	NDL0.002 ✓	NDL0.002 ✓	NDL0.002 ✓	NDL0.002 ✓	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbilluray Date 11/19/19 Time 16:00

Received By: K. Williamson Date 11/15/19 Time 17:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
540	2/100	K. Williamson 11/18/19	Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: McKearney Phone: _____

Project No.: 263951, 00023, 0001

Sampler Print: Tyler Macbillivray

Analyst Print: Tyler Macbillivray AAR ID: _____

QC Analyst Print: Kevin Williamson

Lab Supervisor Print: Kevin Williamson

Date: 10/15/19 Page 110 of 110

Signature: Tyler Macbillivray Date: 10/15/19

Signature: Tyler Macbillivray Date: _____

Signature: Kevin Williamson Analyzed: 10/15/19

Signature: Kevin Williamson Date: 11/18/19

Signature: Kevin Williamson Issued: 11/18/19

Rotameter No.: L-25 Date of Calibration: 5/29/14 Lab No. 54511

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	545	546	547	548	549	550	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	3B	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:36 14:56	7:37 14:57	7:38 14:59	7:40 15:00			
Total Time (min)	440	440	440	440			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1320	1320	1320	1320			
FB — BFB FL — BFL	4/100	6/100	8/100	7/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm²)	5.09	7.64	10.19	8.41	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	0.003	0.0023	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbillivray Date: 11/14/19 Time: 16:00

Received By: Kevin Williamson Date: 11/18/19 Time: 17:00

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Edition: August 2018
Supersedes Previous Edition

Client: UI

Project No.: 263951-00023-0001

Date: 10/16/19

Page 111 of 111

Site: ES Station B Demo

Sampler Print: Tyler MacMillan

Signature: Tyler MacMillan

Date: 10/16/19

Address: 510 Grand Ave

Analyst Print: Tyler MacMillan AAR ID:

Signature: Tyler MacMillan

Date: 10/16/19

New Haven, CT

QC Analyst Print: K. Williamson

Signature: K. Williamson

Date: 11/18/19

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Date: 11/18/19

Contact/Name: M. Kearney Phone:

Rotameter No.: L-25

Date of Calibration: 5/20/14 Lab No. 54511

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other:

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	551	552	553	554	555	556	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:57 14:57	7:58 14:58	7:59 14:59	8:00 15:00			
Total Time (min)	420	420	420	420			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1260	1260	1260	1260			
FB — BFB FL — BFL	0/100	7/100	5/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	10.19	8.91	6.36	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	0.003 ✓	0.003 ✓	ND 0.002 ✓	0.002 ✓	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacMillan Date 11-18-19 Time 16:00

Received By: K. Williamson Date 11/18/19 Time 17:00

Relinquished by: Date Time

Received by Laboratory: Date Time

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
551	6/100	ku 11/18/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Edition: August 2018
Supersedes Previous Edition

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBilley

Analyst Print: Tyler MacBilley AAR ID: _____

QC Analyst Print: Kevin Williamson

Lab Supervisor Print: Kevin Williamson

Date: 10/17/19

Signature: Tyler MacBilley

Signature: Tyler MacBilley

Signature: Kevin Williamson

Signature: Kevin Williamson

Page 112 of 112

Date: 10/17/19

Date Analyzed: 10/17/19

Date Analyzed: 11/18/19

Date Issued: 11/18/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 54511

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	557	558	559	560	561	562	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 15:10	7:42 15:12	7:43 15:18	7:50 15:20			
Total Time (min)	450	450	450	450			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1350	1350	1350	1350			
FB — BFB FL — BFL	3/100	2/100	6/100	5/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	3.82	2.54	7.64	6.36	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002 ✓	ND<0.002 ✓	0.002 ✓	ND<0.002 ✓	-	-	

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBilley Date 11-18-19 Time 16:00

Received By: Kevin Williamson Date 11/18/19 Time 17:00

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:
Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
560	4/100	KW 11/18/19	1225

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA # 05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 10-18-19

Sampler Print: Tyler Macbillivray

Signature: [Signature]

Analyst Print: Tyler Macbillivray

AAR ID: _____

Signature: [Signature]

QC Analyst Print: [Signature]

Signature: [Signature]

Lab Supervisor Print: [Signature]

Signature: [Signature]

Edition: August 2018
Supersedes Previous Edition

Page 113 of 113

Date: 10-18-19

Date: _____

Analyzed: 10-18-19

Date: _____

Analyzed: 11/18/19

Date: _____

Issued: 11/18/19

Rotameter No.: L-25

Date of Calibration: 5/20/14

Lab No. 54511

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	563	564	565	567	568	569	
Sampling Location/Comments	NE	SE	SW	NW	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:40 15:20	7:41 15:21	7:43 15:23	7:45 15:25			
Total Time (min)	460	460	460	460			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1150	1150	1150	1150			
FB — BFB FL — BFL	4/100	5/100	3/100	3/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.09	6.36	3.82	3.82	-	-	
Airborne Fiber Conc. (fibers/cc)	NDLO.002 ✓	NDLO.002 ✓	NDLO.002 ✓	NDLO.002 ✓	-	-	

STANDARDS

<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30 min Excursion Level
ND< – Non Detected, less than the limit of detection
Limit of Detection – 5.5 fibers/100 fields

Relinquished by: [Signature] Date 11-18-19 Time 16:00

Received By: [Signature] Date 11/18/19 Time 1700

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:
AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: VI

Site: ES station B Demo

Address: 510 Grand Ave, New Haven
CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263151.00028.0001

Sampler Print: Tyler Macbillyway

Analyst Print: Tyler Macbillyway AAR ID: _____

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 11-15-19

Signature: Tyler Macbillyway

Signature: Tyler Macbillyway

Signature: K. Williamson

Signature: K. Williamson

Edition: August 2018
Supersedes Previous Edition

Page 119 of 119

Date: 11-15-19

Date Analyzed: 11-15-19

Date Analyzed: 11/18/19

Date Issued: 11/18/19

Rotameter No.: L-25

Date of Calibration: 5/24/19 Lab No. 54511

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	570	571	572	573	574	575	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:15 14:55	7:16 14:56	7:17 14:57	7:18 14:58			
Total Time (min)	460	460	460	460			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1380	1380	1380	1380			
FB — BFB FL — BFL	6/100	4/100	5/100	7/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	2.64	5.04	6.36	8.91	-	-	
Airborne Fiber Conc. (fibers/cc)	0.002 ✓	ND<0.002 ✓	ND<0.002 ✓	0.002 ✓	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT # 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler Macbillyway Date 11-18-19 Time 16:00

Received By: K. Williamson Date 11/18/19 Time 1700

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
573	6/100	K. Williamson 11/18/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: August 2018
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kamey Phone: _____

Project No.: 263951.00028.0001

Date: 11-18-19

Page 113 of _____

Sampler Print: Tyler Macbilluray

Signature: Tyler Macbilluray

Date: 11-18-19

Analyst Print: Tyler Macbilluray AAR ID: 4725

Signature: Tyler Macbilluray

Date: 11-18-19

QC Analyst Print: K. Williamson

Signature: K. Williamson

Analyzed: 12/10/19

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Date: 12/10/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 54569

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.520	0.517
20.5 to 50/100	0.352	0.451
>50/100	0.295	0.387

Sample No.	576	577	578	579	580	581	582
Sampling Location/Comments	Interior SW	Interior NW	Exterior NE corner	Exterior SE corner	Exterior SW corner	SB	FB
Type of Sample	1	1	1	1	1	X	
Pump Number	1	2	3	4	5		
Start Time/Stop Time	8:20 15:20	8:22 15:22	8:26 15:26	8:28 15:28	8:30 15:30		
Total Time (min)	420	420	420	420	420		
Flow Rate	3 3	3 3	3 3	3 3	3 3		
Total Volume (l)	1260	1260	1260	1260	1260	X	
FB — BFB FL — BFL	10/100	6/100	5/100	6/100	5/100		
Filter Fiber Conc. (fibers/mm ²)	12.74	7.64	6.37	7.64	6.37		
Airborne Fiber Conc. (fibers/cc)	0.004	0.002	ND<0.002	0.002	ND<0.002		

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 HI # L-09-004 LA #05011 MA # AA000052
ME # LA-0075 NJ # CT004 NY # 10980 RI # AAL-007
TX # 300354 VA # 3333000283 VT # AL910359 WV # LT000597
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler Macbilluray Date: 12-5-19 Time: 17:00

Received By: K. Williamson Date: 12/10/19 Time: 0900

Relinquished by: _____ Date: _____ Time: _____

Received by Laboratory: _____ Date: _____ Time: _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
577	5/100	KW 12/6/19	LAL



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263961.00028.0001

Sampler Print: Taylor Macbailuray

Analyst Print: Taylor Macbailuray AAR ID: 9125

QC Analyst Print: V. Williamson

Lab Supervisor Print: V. Williamson

Date: 11-19-19 Page 114 of _____

Signature: Taylor Macbailuray Date: 11-19-19

Signature: Taylor Macbailuray Date: 11-19-19

Signature: V. Williamson Analyzed: 12/6/19

Signature: V. Williamson Date: 12/6/19

Rotameter No.: L-25 Date of Calibration: 5/10/19 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	583	584	585	586	587	588	589
Sampling Location/Comments	Ext NE Corner	Ext SW Corner	Ext NW Corner	Int SW	Int Center	SB	FB
Type of Sample	1	1	1	1	1		
Pump Number	1	2	3	4	5		
Start Time/Stop Time	7:55 15:05	7:59 15:09	8:00 15:10	8:05 15:15	8:05 15:15		
Total Time (min)	430	430	430	430	430		
Flow Rate	3 3	3 3	3 3	3 3	3 3		
Total Volume (l)	1290	1290	1290	1290	1290		
FB — BFB FL — BFL	4/100	6/100	3/100	6/100	8/100	2/100	0/100
Filter Fiber Conc. (fibers/mm ²)	5.10	7.64	3.82	7.64	10.20	—	—
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	ND<0.002	0.002	0.003	—	—

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Taylor Macbailuray Date 12-5-19 Time 17:00

Received By: V. Williamson Date 12/6/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 3333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Re-count

Sample No.	FB/FL	Analyst/Date	Field/Lab
587	6/100	V. Williamson 12/6/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Turbine Ped containment

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00029.0001

Sampler Print: Tyler Macbilluray

Analyst Print: Tyler Macbilluray AAR ID: 9725

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Rotameter No.: H-21

Date: 11-20-19 Page 115 of _____

Signature: Tyler Macbilluray Date: 11-20-19

Signature: Tyler Macbilluray Date: _____

Signature: K. Williamson Analyzed: 11-20-19

Signature: K. Williamson Date: _____

Date of Calibration: 5/20/19 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	590	591	592	593	594	595	596
Sampling Location/Comments	Int of Door	East end	Center	Door #3	West End	SB	FB
Type of Sample	6	6	6	6	6		
Pump Number	1	2	3	4	5		
Start Time/Stop Time	800 920	800 920	800 920	800 920	800 920		
Total Time (min)	80	80	80	80	80		
Flow Rate	15 15	15 15	15 15	15 15	15 15		
Total Volume (l)	1200	1200	1200	1200	1200		
FB — BFB FL — BFL	6/100	8/100	5/100	10/100	7/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	7.64	10.20	6.37	12.74	8.92	—	—
Airborne Fiber Conc. (fibers/cc)	0.002 ✓	0.003 ✓	ND<0.002 ✓	0.004 ✓	0.003 ✓	—	—

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbilluray Date 12-5-19 Time 17:00

Received By: K. Williamson Date 12/6/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B Basement

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 11-20-19

Page 116 of _____

Sampler Print: Tyler Macdillway

Signature: Tyler Macdillway

Date: 11-20-19

Analyst Print: Tyler Macdillway AAR ID: 9725

Signature: Tyler Macdillway

Date: 11-20-19

QC Analyst Print: K. Williamson

Signature: K. Williamson

Analyzed: 12/6/19

Lab Supervisor Print: K. Williamson

Signature: K. Williamson

Date: 12/6/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 64569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	597	598							
Sampling Location/Comments	Decon Entrance	Neg Air Exhaust							
Type of Sample	1	1							
Pump Number	1	2							
Start Time/Stop Time	8:30 15:15	8:30 15:15							
Total Time (min)	405	405							
Flow Rate	3 3	3 3							
Total Volume (l)	1215	1215							
FB — BFB FL — BFL	7/100	5/100							
Filter Fiber Conc. (fibers/mm ²)	8.92	6.37							
Airborne Fiber Conc. (fibers/cc)	0.003	ND<0.002							

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macdillway Date 12-5-19 Time 17:00

Received By: K. Williamson Date 12/6/19 Time 6400

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
597	8/100	KW/12/6/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Basement

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 11-21-19

Page 47 of _____

Sampler Print: Tyler MacBullaway

Signature: Tyler MacBullaway

Date: 11-21-19

Analyst Print: Tyler MacBullaway AAR ID: 9725

Signature: Tyler MacBullaway

Date: 11-21-19

QC Analyst Print: Williamson

Signature: Williamson

Date: 12/6/19

Lab Supervisor Print: Williamson

Signature: Williamson

Date: 12/6/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	549	600	601	602			
Sampling Location/Comments	Decon Entrance	Neg Air Exhaust	SB	FB			
Type of Sample	1	1					
Pump Number	1	2					
Start Time/Stop Time	800 15:15	800 15:15					
Total Time (min)	435	435					
Flow Rate	3 3	3 3					
Total Volume (l)	1305	1305					
FB — BFB FL — BFL	4/100	6/100	0/100	0/100			
Filter Fiber Conc. (fibers/mm ²)	5.10	7.64	-	-			
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	-	-			

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler MacBullaway Date 12-5-19 Time 17:00

Received By: Williamson Date 12/6/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Karney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacBilbray

Analyst Print: Tyler MacBilbray AAR ID: 9725

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotameter No.: L-25

Microscope No.: 22002

Sample Type: ☒ PCM ☐ TEM ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Date: 11-22-19 Page 10 of _____

Signature: Tyler MacBilbray Date: 11-22-19

Signature: Tyler MacBilbray Date: 11-22-19

Signature: Williamson Date: 12/16/19

Signature: Williamson Date: 12/16/19

Date of Calibration: 5/29/14 Lab No. 545269

Received in Lab for Analysis: ☐ QC Only: ☒

Analysis Method: NIOSH 7400 ☐ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Sample No.	603	604							
Sampling Location/Comments	Neg Air exhaust	Decon Entrance							
Type of Sample	1	1							
Pump Number	1	2							
Start Time/Stop Time	7:50 15:50	7:50 15:50							
Total Time (min)	480	480							
Flow Rate	2.5 2.5	2.5 2.5							
Total Volume (l)	1200	1200							
FB — BFB FL — BFL	7/100	6/100							
Filter Fiber Conc. (fibers/mm ²)	8.92	7.64							
Airborne Fiber Conc. (fibers/cc)	0.003	0.002							

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Relinquished by: Tyler MacBilbray Date 12-5-19 Time 17:00

Received By: Williamson Date 12/16/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI
Site: ES Station B NW corner basement
Address: 510 Grand Ave
New Haven, CT

Project No.: 26395L 00029.0001 Date: 11-22-19 Page 119 of
Sampler Print: Tyler Macbillivray Signature: Tyler Macbillivray Date: 11-22-19
Analyst Print: Tyler Macbillivray AAR ID: 9225 Signature: Tyler Macbillivray Date: 11-22-19
QC Analyst Print: K Williamson Signature: K Williamson Date: 12/6/19
Lab Supervisor Print: K Williamson Signature: K Williamson Date: 12/6/19
Contact/Name: M. Kearney Phone: Rotameter No.: H-21 Date of Calibration: 5/20/14 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒
Sample Type: PCM ☒ TEM ☐ Other: Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other:
Issue 2 8/15/94 A rules
Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	605	606	607	608	609	610	611
Sampling Location/Comments						SB	FB
Type of Sample	6	6	6	6	6	X	
Pump Number	1	2	3	4	5		
Start Time/Stop Time	1400 1520	1400 1520	1400 1520	1400 1520	1400 1520		
Total Time (min)	80	80	80	80	80		
Flow Rate	15 15	15 15	15 15	15 15	15 15		
Total Volume (l)	1200	1200	1200	1200	1200		
FB — BFB FL — BFL	2/100	7/100	8/100	5/100	7/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	2.54	8.92	10.20	6.37	8.92	-	-
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.003	0.003	ND<0.002	0.003	-	-

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbillivray Date: 12-5-19 Time: 17:00
Received By: K Williamson Date: 12/6/19 Time: 0900
Relinquished by: Date: Time:
Received by Laboratory: Date: Time:

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments:

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
607	6/100	KW 12/6/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Project No.: 263951.00028.0001

Date: 11-25-19

Page 120 of _____

Sampler Print: Tyler MacBullway

Signature: Tyler MacBullway

Date: 11-25-19

Analyst Print: Tyler MacBullway AAR ID: 9725

Signature: Tyler MacBullway

Date: _____

QC Analyst Print: V. Williamson

Signature: V. Williamson

Analyzed: 11-25-19

Lab Supervisor Print: V. Williamson

Signature: V. Williamson

Date: _____

Analyzed: 12/6/19

Date: _____

Issued: 12/6/19

Rotameter No.: L-25

Date of Calibration: 5/20/19 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	612	613	614	615	616	617	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	8:21 14:56	8:22 14:57	8:24 14:59	8:25 15:00			
Total Time (min)	395	395	395	395			
Flow Rate	3 3	3 3	3 3	3 3			
Total Volume (l)	1185	1185	1185	1185			
FB — BFB FL — BFL	5/100	7/100	6/100	7/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm²)	6.37	8.92	7.64	8.92	-	-	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.003	0.002	0.003	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacBullway Date 12-5-19 Time 17:06

Received By: V. Williamson Date 12/6/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: Mkamey Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler Macbilluray

Analyst Print: Tyler Macbilluray AAR ID: 9725

QC Analyst Print: K Williamson

Lab Supervisor Print: K Williamson

Date: 11-26-19 Page 121 of _____

Signature: Tyler Macbilluray Date: 11-26-19

Signature: Tyler Macbilluray Date: 11-26-19

Signature: K Williamson Date: 12/6/19

Signature: K Williamson Date: 12/6/19

Rotameter No.: L-25 Date of Calibration: 5/29/19 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	618	619	620	621	622	623	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1			
Pump Number	1	2	3	4			
Start Time/Stop Time	7:44 15:24	7:46 15:26	7:48 15:28	7:50 15:30			
Total Time (min)	460	460	460	460			
Flow Rate	2.5 2.5	2.5 2.5	2.5 2.5	2.5 2.5			
Total Volume (l)	1150	1150	1150	1150			
FB — BFB FL — BFL	7/100	8/100	5/100	8/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	8.92	10.20	6.37	10.20	-	-	
Airborne Fiber Conc. (fibers/cc)	0.003	0.063	ND<0.002	0.603	-	-	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler Macbilluray Date 12-5-19 Time 17:00

Received By: K Williamson Date 12/6/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

Comments: _____
AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
619	8/100	Lee 12/6/19	Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Keamey Phone: _____

Project No.: 263951.00023.0001

Sampler Print: Tyler MacCallum

Analyst Print: Tyler MacCallum AAR ID: 9725

QC Analyst Print: K. Williamson

Lab Supervisor Print: K. Williamson

Date: 11-27-19 Page 122 of _____

Signature: Tyler MacCallum Date: 11-27-19

Signature: Tyler MacCallum Date: 11-27-19

Signature: K. Williamson Date: 12/16/19

Signature: K. Williamson Date: 12/16/19

Rotameter No.: L-25 Date of Calibration: 5/20/14 Lab No. 54569

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: _____

Issue 2 8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	624	625	626	627	628	629	
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB	
Type of Sample	1	1	1	1	X		
Pump Number	1	2	3	4			
Start Time/Stop Time	7:44 15:24	7:46 15:26	7:48 15:28	7:50 15:30			
Total Time (min)	460	460	460	460			
Flow Rate	3 3	3 3	3 3	3 7			
Total Volume (l)	1380	1380	1380	1380			
FB — BFB FL — BFL	4/100	7/100	8/100	7/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	5.10	8.92	10.20	8.92	0	—	
Airborne Fiber Conc. (fibers/cc)	ND<0.002	0.002	0.003	0.002	—	—	

STANDARDS

<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacCallum Date 12-5-19 Time 17:00

Received By: K. Williamson Date 12/16/19 Time 0900

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122
Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

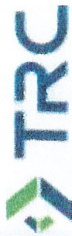
Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



21 Griffin Road North
Windsor, CT 06095 860-298-9692

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: Es Station B Demo

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Sample No.	630	631	632	633	634	635
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB
Type of Sample	1	1	1	1		
Pump Number	1	2	3	4		
Start Time/Stop Time	9:10 15:35	9:11 15:36	9:14 15:39	9:15 15:40		
Total Time (min)	385	386	385	385		
Flow Rate	3 3	3 3	3 3	3 3		
Total Volume (l)	1155	1155	1155	1155		
FB — BFB FL — BFL	7/100	5/100	4/100	6/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	8.92	6.36	5.09	7.64	-	-
Airborne Fiber Conc. (fibers/cc)	0.003	ND<0.002	ND<0.002	0.003	-	-

STANDARDS
 <0.01 f/cc — EPA Re-Occupancy Clearance Criteria
 0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
 1.0 f/cc — OSHA 30 min Excursion Level
 ND< — Non Detected, less than the limit of detection
 Limit of Detection — 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # A20944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA0000052
 ME # LA-0075 NY # 10980 RI # PCMO0007 TX # 300354
 VA # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
 Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Project No.: 263951.00028.0001 Date: 12/2/19 Page 123 of _____

Sampler Print: Tyler Macballyway Signature: Tyler Macballyway Date: _____

Analyst Print: Tyler Macballyway AAR ID: 9723 Signature: Tyler Macballyway Analyzed: _____

QC Analyst Print: Tyler Macballyway Signature: Tyler Macballyway Date: _____

Lab Supervisor Print: Tyler Macballyway Signature: Tyler Macballyway Analyzed: 12/10/19

Rotameter No.: L-25 Date of Calibration: _____ Lab No. 54619

Microscope No. 22002 Received in Lab for Analysis: ☐ QC Only: ☒ Other: _____

Sample Type: ☒ PCM ☐ TEM ☐ Other: _____ Analysis Method: ☒ NIOSH 7400 ☐ AHERA ☐ Other: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Issue 2 8/15/94 A rules

QC Recount

Sample No. 633 FB/FL 5/100 Analyst/Date 12/10/19 Field/Lab Lab

Relinquished by: Tyler Macballyway Date 12-19-19 Time _____

Received By: Tyler Macballyway Date 12/10/19 Time 1000

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No. 633 FB/FL 5/100 Analyst/Date 12/10/19 Field/Lab Lab

Relinquished by: Tyler Macballyway Date 12-19-19 Time _____

Received By: Tyler Macballyway Date 12/10/19 Time 1000

Relinquished by: _____ Date _____ Time _____

Received by Laboratory: _____ Date _____ Time _____

Condition of Samples: _____

Acceptable: Y ☒ N ☐

Comments: _____

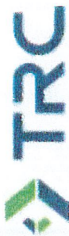
AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No. 633 FB/FL 5/100 Analyst/Date 12/10/19 Field/Lab Lab

Relinquished by: Tyler Macballyway Date 12-19-19 Time _____



21 Griffin Road North
Windsor, CT 06095 860-298-9692

Edition: November 2019
Supersedes Previous Edition

AIR SAMPLE ANALYSIS REPORT

Client: VI

Site: ES Station B Demo

Address: 510 Grand Ave

New Haven, CT

Project No.: 263951.00028.0001

Date: 12/31/19

Page 124 of

Sampler Print: Tyler MacGillivray

Signature: Tyler MacGillivray

Date: 12-3-19

Analyst Print: Tyler MacGillivray

Signature: Tyler MacGillivray

Date: 12-3-19

QC Analyst Print: William Morris

Signature: William Morris

Date: 12/20/19

Lab Supervisor Print: William Morris

Signature: William Morris

Date: 12/20/19

Contact/Name: M. Kanan

Phone: 203-255-1255

Rotameter No.: L-25

Date of Calibration: 5/4/19

Lab No. 54619

Relative Standard Deviation (Sr)			
Range	Intra-lab Sr	Inter-lab Sr	
<20/100	0.412	0.597	
20.5 to 50/100	0.415	0.403	
>50/100	0.218	0.333	

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only; ☒ AHERA ☐ Other: ☐

Analysis Method: NIOSH 7400 ☒ AHERA ☐ Other: ☐

Sample Type: ☒ PCM ☐ TEM ☐ Other: ☐

Issue 2/8/15/94 A rules

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

Sample No.	636	637	638	639	640	641
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB
Type of Sample	1	1	1	1	1	1
Pump Number	1	2	3	4		
Start Time/Stop Time	8:55 15:25	8:56 15:26	8:59 15:29	9:00 15:30		
Total Time (min)	390	390	390	390		
Flow Rate	3 3 3	3 3 3	3 3 3	3 3 3		
Total Volume (l)	1170	1170	1170	1170		
FB — BFB FL BFL	71100	81100	61100	51100	01100	01100
Filter Fiber Conc. (fibers/mm ²)	8.91	10.19	7.64	6.36	-	-
Airborne Fiber Conc. (fibers/cc)	0.003	0.003	0.003	ND<0.002	-	-

STANDARDS
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc — OSHA 30 min Excursion Level
ND< — Non Detected, less than the limit of detection
Limit of Detection — 5.5 fibers/100 fields

Relinquished by: Tyler MacGillivray

Date: 12-19-19

Time

Received By: William Morris

Date: 12/20/19

Time

Relinquished by: William Morris

Date: 12/20/19

Time

Received by Laboratory: William Morris

Date: 12/20/19

Time

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 CT#PH-0426 CO AL-21772 HI # L-09-004 MA # AA0000052
ME # LA-0075 NY # 10980 RI # PCMO0007 TX # 300354
VA # 333000283 VT # AL910359 VA 333000283 WV # LT000622
Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Condition of Samples:

Acceptable: Y ☒ N ☐

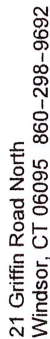
Comments:

AIHA Registry Programs Asbestos Analyst Registry

Organization ID: 100122

QC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab



Client: VI

New Haven, CT

Contact/Name: M. Kearney Phone: _____

Relative Standard Deviation (Sr)		
Range Fibers/fields	Intra-lab Sr	Inter-lab Sr
<20/100	0.412	0.597
20.5 to 50/100	0.415	0.403
>50/100	0.218	0.333

Sample No.	642	643
Sampling Location/Comments	NE corner	SE corner
Type of Sample	1	1
Pump Number	1	2
Start Time/Stop Time	7:45 15:35	7:46 15:40
Total Time (min)	470	470
Flow Rate	3 3	3 3
Total Volume (l)	1410	1410
FB — BFB FL — BFL	5/100	4/100
Filter Fiber Conc. (fibers/mm ²)	6.36	5.09
Airborne Fiber Conc. (fibers/cc)	1020.002	1100.0.00

STANDARDS
 <0.01 f/cc – EPA Re-Occupancy Clearance Criteria
 0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
 1.0 f/cc – OSHA 30 min Excursion Level
 ND< – Non Detected, less than the limit of detection
 Limit of Detection – 5.5 fibers/100 fields

TRC Laboratory Asbestos Analytical Certifications:

AZ # AZ0944 C1#PH-0426 CO AL-21772 HI # L-09-004 MA # AA000052
ME # LA-0075 NY # 10980 RI # PCM00007 TX # 300354
VA # 3333000283 VT # AL910359 VA 3330002283 WV # LT000622
ALPHA IHLAP # 100122 ALPHA PAT # 100122

Results relate only to the samples tested, as received by the laboratory. Verifiab

Philadelphia # 401 Allstate # 100122 Organization ID: 100122
 Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm².

Edition: November 2019
Supersedes Previous Edition

Project No.: 263951.00023.0001

Sampler Print: Tyler Maxwell

Analyst Print: Kyle Mcdonough

QC Analyst Print: *V. Williams*

Lab Supervisor Print: V. Williams

Rotameter No.: L-25

Microscope No. 22002 Received _____

Sample Type: PCM ☒ TEM ☐ Other: _____ Analysis Method: _____

Type of Sample: 1. Background 2. Prep. 3. Work Area 4. Environmental 5. Personal 6. Clearance

[illegible]

Relinquished by: <u>Tyler Manning</u>	Date	<u>12-18-19</u>	Time
Received By: <u>[Signature]</u>	Date	<u>12/20/19</u>	Time <u>1000</u>
Relinquished by: _____	Date	_____	Time _____
Received by Laboratory: _____	Date	_____	Time _____

Condition of Samples:

Acceptable: Y
Comments:

Comments: _____
 AIHA Registry Programs Asbestos Analyst Registry
 Organization ID: 100122

OC Recount

Sample No.	FB/FL	Analyst/Date	Field/Lab
643	5/100	Lee 12/20/19	Lab