



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.: 263951.00028.0001

Sampler Print: Tyler Macgillivray

Analyst Print: Tyler Macgillivray

QC Analyst Print: Wesley Morrison

Lab Supervisor Print: Wesley Morrison

Date: 12-5-19

Signature: Tyler Macgillivray

Signature: Tyler Macgillivray

Signature: Wesley Morrison

Signature: Wesley Morrison

Date: 12-5-19

Date: 12-5-19

Date: 12-5-19

Date: 12-20-19

Date: 12-20-19

Rotameter No.: L-25

Microscope No. 22002

Received in Lab for Analysis: ☐ QC Only: ☒ 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
<20/100	0.412
20.5 to 50/100	0.415
>50/100	0.218

Sample No.	<u>648</u>	<u>649</u>	<u>650</u>	<u>651</u>	<u>652</u>	<u>653</u>
Sampling Location/Comments	<u>NE corner</u>	<u>SE corner</u>	<u>SW corner</u>	<u>NW corner</u>	<u>SB</u>	<u>FB</u>
Type of Sample	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Pump Number	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>3</u>	<u>3</u>
Start Time/Stop Time	<u>7:40 15:15</u>	<u>7:41 15:16</u>	<u>7:44 15:14</u>	<u>7:45 15:20</u>	<u>7:45 15:20</u>	<u>7:45 15:20</u>
Total Time (min)	<u>4:55</u>	<u>4:55</u>	<u>4:55</u>	<u>4:55</u>	<u>4:55</u>	<u>4:55</u>
Flow Rate	<u>3 3 3</u>	<u>3 3 3</u>	<u>3 3 3</u>	<u>3 3 3</u>	<u>3 3 3</u>	<u>3 3 3</u>
Total Volume (l)	<u>1365</u>	<u>1365</u>	<u>1365</u>	<u>1365</u>	<u>1365</u>	<u>1365</u>
FB — BFB FL — BFL	<u>6/100</u>	<u>4/100</u>	<u>5/100</u>	<u>7/100</u>	<u>0/100</u>	<u>0/100</u>
Filter Fiber Conc. (fibers/mm ²)	<u>7.64</u>	<u>5.04</u>	<u>6.36</u>	<u>8.91</u>	<u>-</u>	<u>-</u>
Airborne Fiber Conc. (fibers/cc)	<u>0.002</u>	<u>ND<0.002</u>	<u>ND<0.002</u>	<u>ND<0.002</u>	<u>0.003</u>	<u>0.003</u>

STANDARDS	Relinquished by: <u>Tyler Macgillivray</u>	Date: <u>12-19-19</u>	Time: _____
<0.01 f/cc — EPA Re-Occupancy Clearance Criteria	Received By: <u>Wesley Morrison</u>	Date: <u>12/20/19</u>	Time: <u>1000</u>
0.10 f/cc — OSHA Permissible Exposure Limit (8 hr. TWA)	Relinquished by: _____	Date: _____	Time: _____
1.0 f/cc — OSHA 30 min Excursion Level	Received by Laboratory: _____	Date: _____	Time: _____
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 # 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.

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



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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 MacBilbury

Analyst Print: Tyler MacBilbury

QC Analyst Print: Williamson

Lab Supervisor Print: Williamson

Rotameter No.: L-34

Microscope No. 22002

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

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.	654	655	656	657	658	659	
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	8:10 15:25	8:11 15:06	8:14 15:09	8:15 15:10			
Total Time (min)	355	355	355	355			
Flow Rate	3 3 3	3 3 3	3 3 3	3 3 3			
Total Volume (l)	1065	1065	1065	1065			
FB — BFB FL — BFL	8/100	6/100	5/100	6/100	0/100	0/100	
Filter Fiber Conc. (fibers/mm ²)	10.19	7.64	6.36	7.64	-	-	
Airborne Fiber Conc. (fibers/cc)	0.004	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 MacBilbury Date: 12-19-19 Time: _____
 Received By: Williamson Date: 12/20/19 Time: 1000
 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 # L T0000622
 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: Y ☒ N ☐
 Acceptable: Y ☒ N ☐
 Comments: AIHA Registry Programs Asbestos Analyst Registry
 Organization ID: 100122

QC Record		
Sample No.	FB/FL	Analyst/Date
655	5/100	12/20/19
		Lab

Signature: Tyler MacBilbury Date: _____

Signature: Tyler MacBilbury Date: _____

Signature: Williamson Date: 12/20/19

Signature: Williamson Date: 12/20/19

Date of Calibration: 11/19/19 Lab No. 54619



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

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES Station B

Address: 510 Grand Ave

New Haven, CT

Contact/Name: McKearney 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.	660	661	662	663	664	665
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	803 1533	806 1536	809 1539		
Total Time (min)	480	450	450			
Flow Rate	2.4 2.4	2.5 2.4	2.5 2.4	2.5 2.4		
Total Volume (l)	1125	1102.5	1102.5	1102.5		
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)	0.003	NDLO.002	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

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 # 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.

Project No.: 263951.00028.0001 Date: 12-9-19 Page 128 of 1
Sampler Print: CARMEN JACKS Signature: Carmen Jacks Date: 12-9-19
Analyst Print: Tyler Macbillyney AAR ID: 9725 Signature: Tyler Macbillyney Date: 12-10-19
QC Analyst Print: Wesley Williams Signature: Wesley Williams Date: 12-10-19
Lab Supervisor Print: Wesley Williams Signature: Wesley Williams Date: 12-10-19

Rotameter No.: L-34 Date of Calibration: 11/19/19 Lab No. 54619
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

Relinquished by: Tyler Macbillyney Date: 12-19-19 Time: _____
Received By: Wesley Williams Date: 12/20/19 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 Record

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



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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. Kestney Phone: _____

Project No.: 263951.00028.0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray

QC Analyst Print: Westhampton

Lab Supervisor Print: Westhampton

Rotameter No.: L-34

Microscope No. 22002

Sample Type: PCM ☒ TEM ☐ Other: _____

Received in Lab for Analysis: ☐ QC Only ☒ AHERA ☐ Other: _____

Analysis Method: NIOSH 7400 ☒ A rules ☐ 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	Inter-lab Sr
<20/100	0.412
20.5 to 50/100	0.415
>50/100	0.218
	0.333

Sample No.	<u>667</u>	<u>667</u>	<u>668</u>	<u>669</u>	<u>670</u>	<u>671</u>
Sampling Location/Comments	<u>NE corner</u>	<u>SE corner</u>	<u>SW corner</u>	<u>NW corner</u>	<u>SB</u>	<u>FB</u>
Type of Sample	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Pump Number	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>4</u>	<u>4</u>
Start Time/Stop Time	<u>7:55</u> <u>15:35</u>	<u>7:56</u> <u>15:36</u>	<u>7:54</u> <u>15:39</u>	<u>8:00</u> <u>15:40</u>	<u>8:00</u> <u>15:40</u>	<u>8:00</u> <u>15:40</u>
Total Time (min)	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>
Flow Rate	<u>3</u> <u>3</u> <u>3</u>	<u>3</u> <u>3</u> <u>3</u>	<u>3</u> <u>3</u> <u>3</u>	<u>3</u> <u>3</u> <u>3</u>	<u>3</u> <u>3</u> <u>3</u>	<u>3</u> <u>3</u> <u>3</u>
Total Volume (l)	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>
FB — BFB FL — BFL	<u>Void due</u>	<u>7/100</u>	<u>6/100</u>	<u>8/100</u>	<u>0/100</u>	<u>0/100</u>
Filter Fiber Conc. (fibers/mm ²)	<u>to knocked over pump</u>	<u>8.91</u>	<u>7.64</u>	<u>10.14</u>	<u>10.14</u>	<u>10.14</u>
Airborne Fiber Conc. (fibers/cc)	<u>0.002</u>	<u>0.002</u>	<u>0.002</u>	<u>0.003</u>	<u>0.003</u>	<u>0.003</u>

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: Westhampton Date: 12/20/19 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
 Reliability of the laboratory's results is limited to the FB/mm².

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 # PCMO0007 TX # 300354
 VA # 333000283 VT # AL910359 VA 333000283 WV # LT000622
 Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

QC Record

Sample No.	FB/FL	Analyst/Date	Field/Lab
<u>667</u>	<u>5/100</u>	<u>12/20/19</u>	<u>Lab</u>



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: Alkamey 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.	<u>672</u>	<u>673</u>	<u>674</u>	<u>675</u>	<u>676</u>	<u>677</u>
Sampling Location/Comments	<u>NE corner</u>	<u>SE corner</u>	<u>SW corner</u>	<u>NW corner</u>	<u>SB</u>	<u>FB</u>
Type of Sample	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Pump Number	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Start Time/Stop Time	<u>7:55 15:35</u>	<u>7:56 15:36</u>	<u>7:59 15:34</u>	<u>8:00 15:40</u>	<u>8:00 15:40</u>	<u>8:00 15:40</u>
Total Time (min)	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>	<u>460</u>
Flow Rate	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>	<u>3</u>
Total Volume (l)	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>	<u>1380</u>
FB — BFB FL — BFL	<u>6/100</u>	<u>5/100</u>	<u>7/100</u>	<u>5/100</u>	<u>0/100</u>	<u>0/100</u>
Filter Fiber Conc. (fibers/mm ²)	<u>7.64</u>	<u>6.36</u>	<u>8.91</u>	<u>6.36</u>	<u>-</u>	<u>-</u>
Airborne Fiber Conc. (fibers/cc)	<u>0.002</u>	<u>0.002</u>	<u>0.002</u>	<u>0.002</u>	<u>-</u>	<u>-</u>

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 # 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.

Edition: November 2019
Supersedes Previous Edition

Project No.: 263951.00028.0001

Sampler Print: Tyler MacGillivray

Analyst Print: Tyler MacGillivray

QC Analyst Print: Will Williamson

Lab Supervisor Print: Will Williamson

Rotameter No.: L-34

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

Received in Lab for Analysis: ☐ QC Only: ☒

Issue 2 8/15/94 A rules

Date: 12-11-19

Signature: Tyler MacGillivray

Date: 12-11-19

Signature: Tyler MacGillivray

Analyzed: 12-11-19

Date: 12-11-19

Signature: Will Williamson

Analyzed: 12-11-19

Date: 12-11-19

Signature: Will Williamson

Issued: 12-11-19

Date: 12-11-19

Signature: Will Williamson

Lab No. 54619

Date of Calibration: 11/19/19

Received by: Tyler MacGillivray

Date: 12-17-19

Time: 1000

Date: 12-20-19

Time: _____

Date: _____

Time: _____

QC Record

Sample No.	FB/FL	Analyst/Date	Field/Lab
<u>672</u>	<u>5/100</u>	<u>Will Williamson</u>	<u>Lab</u>