



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: M. Kanny 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.	824	825	826	827	828
Sampling Location/Comments	SE corner	SW corner	NW corner	SB	FB
Type of Sample	4	4	4		
Pump Number	2	3	4		
Start Time/Stop Time	7:44 15:14	7:43 15:13	7:50 15:20		
Total Time (min)	450	458	458		
Flow Rate	3 3 3	3 3 3	3 3 3		
Total Volume (l)	1374 50	1374 50	1374 50		
FB — BFB FL — BFL	6/100	5/100	6/100		
Filter Fiber Conc. (fibers/mm ²)	7.64	6.36	7.64		
Airborne Fiber Conc. (fibers/cc)	0.002	ADLO.002	ADLO.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: 4-17-20 Time: _____
 Received By: [Signature] Date: 4/20/20 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 Record

Sample No.	FB/FL	Analyst/Date	Field/Lab
824	3/100	kw 4/20/20	lab

Project No.: 263951.00028.0001 Date: 1-14-20 Page _____ of _____
 Sampler Print: Tyler Medallway Signature: [Signature] Date: 1-14-20
 Analyst Print: Tyler Medallway Signature: [Signature] Date: 1-14-20
 QC Analyst Print: [Signature] Signature: [Signature] Date: 4/20/20
 Lab Supervisor Print: [Signature] Signature: [Signature] Date: 4/20/20

Rotameter No.: L-34 Date of Calibration: 11/19/19 Lab No. 55116
 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



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

AIR SAMPLE ANALYSIS REPORT

Client: WE

Site: ES station B

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.	829	830	831	832	833	834
Sampling Location/Comments	NE corner	SE corner	SW corner	NW corner	SB	FB
Type of Sample	4	4	4	4		
Pump Number	1	2	3	4		
Start Time/Stop Time	9:04 15:24	9:06 15:26	9:08 15:28	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	3/100	5/100	4/100	7/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	3.82	6.36	5.04	8.41	-	-
Airborne Fiber Conc. (fibers/cc)	NDLO.002	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 # PCM00007 TX # 300354
 VA # 333000283 VT # AL910359 VA 333000283 WV # L.T000622
 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.: 263951.0002B.001 Date: 1-15-20 Page 1 of 1
 Sampler Print: Tyler MacCallum Signature: Tyler MacCallum Date: 1-15-20
 Analyst Print: Tyler MacCallum Signature: Tyler MacCallum Date: 1-15-20
 QC Analyst Print: Kevin Williamson Signature: Kevin Williamson Date: 4/20/20
 Lab Supervisor Print: Kevin Williamson Signature: Kevin Williamson Date: 4/20/20

Rotameter No.: 1-34 Date of Calibration: NDNA Lab No. 557116
 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

Relinquished by: Tyler MacCallum Date: 4-17-20 Time: _____
 Received By: Kevin Williamson Date: 4/20/20 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		
Sample No.	FB/FL	Analyst/Date
829	2/100	Kevin Williamson
		4/20/20

APPENDIX G

ACV Ambient Air Monitoring Daily Logs

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: VI

Date: 07/22/19

Wind Direction: E

Contractor: ACV

Temperature: 86 F

Daily Work Activities: Demo of station B from West side to East side of the building

Observations: Sunny with wind blowing occasionally.

Equipment Used: Dust Trak 8530

Dust Monitor Signature: Sai Reddy

Baseline Reading: 0.018 mg/m³

0.032 mg/m³

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
10:39	N side (next to bulkhead)	0.019	UP	No
10:39	45' S of SE corner	0.012	Down	No
11:39	N side	0.050	UP	No
11:39	S of SE corner	0.013	Down	No
12:19	N side	0.883	UP	Yes, At 12:19 (0.883), Demo of large section of wall. Action: Adjusted Dust Boss directed
12:39	N side	0.047	UP	No
12:39	S of SE corner	0.013	Down	No
12:24	N side	0.103	UP	No
13:39	N side	0.024	UP	No
13:39	S of SE corner	0.010	Down	No
14:39	N side	0.035	UP	No
14:39	S of SE corner	0.013	Down	No

TWA: 0.009 mg/m³ (SE), 0.035 mg/m³ (N)

Maximum concentration: 0.021 mg/m³ (SE), 0.883 mg/m³ (N⁷⁹)

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UI Date: 07/23/19
 Wind Direction: NW Contractor: ACV Temperature: 67F
 Daily Work Activities: Demo of station B continued

Observations: Light rainy cloudy

Equipment Used: Dust Trak 8530

Dust Monitor Signature: Sai Reddy

Baseline Reading: 0.018 (N)
0.013 (SE)

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:06	N side	0.004		No
10:06	N side	0.002		No
11:06	N side	0.005		No
12:06	N side	0.007		No
13:06	N side	0.006		No
14:06	N side	0.009		No
9:06	SE	0.003		No
10:06	SE	0.003		No
11:06	SE	0.005		No
12:06	SE	0.005		No
13:06	SE	0.005		No
14:06	SE	0.007		No

TWA : $0.005 \text{ mg}/\text{m}^3$ (N) , $0.004 \text{ mg}/\text{m}^3$ (SE)

Highest reading: $0.018 \text{ mg}/\text{m}^3$ (N) , $0.013 \text{ mg}/\text{m}^3$ (SE) 481

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: UT Date: 07/24/19
 Wind Direction: NE Contractor: ACV Temperature: 70 F
 Daily Work Activities: Moved debris out of station B.

Observations: Sunny with wind blowing occasionally

Equipment Used: Dust Trak 8530

Dust Monitor Signature: Sai Reddy Baseline Reading: 0.017 mg/m³(NW)
0.015 mg/m³(S)

Time	Sample Location	Result ^{mg/m³} µg/m ³	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
9:11	NW	0.02	UP	NO
10:11	NW	0.022	UP	NO
11:11	NW	0.019	UP	NO
12:11	NW	0.03	UP	NO
13:11	NW	0.029	UP	NO
14:11	NW	0.029	UP	NO
15:11	NW	0.021	UP	NO
9:11	S	0.013	Down	NO
10:11	S	0.015	Down	NO
11:11	S	0.013	Down	NO
12:11	S	0.017	Down	NO
13:11	S	0.012	Down	NO
14:11	S	0.007	Down	NO
15:11	S	0.081	Down	NO

TWA: 0.021 mg/m³ (NW), 0.018 mg/m³ (S)

Highest concentration: 0.033 mg/m³ (NW), 0.115 mg/m³ (S)

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B

Client: VI

Date: 07/25/19

Wind Direction: S

Contractor: ACV

Temperature: 65 F

Daily Work Activities: Bestech cleared the debris and
ACV loaded ACM materials into the roll-off.

Observations: Sunny with wind blowing occasionally.

Equipment Used: DustTrak 8530

Dust Monitor Signature: Sai Reddy

Baseline Reading: 0.015 (N)
0.018 (S)

Start Time: 7:40

Time	Sample Location	Result $\mu\text{g}/\text{m}^3$	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
8:40	South	0.019	UP	No
9:40	South	0.020	UP	No
10:40	South	0.027	UP	No
11:40	South	0.022	UP	No
12:40	South	0.014	UP	No
13:40	South	0.011	UP	No
14:40	South	0.012	UP	No
15:40	South	0.011	UP	No
8:40	North	0.016	Down	No
9:40	North	0.016	Down	No
10:40	North	0.019	Down	No
11:40	North	0.017	Down	No
12:40	North	0.026	Down	No
13:40	North	0.021	Down	No

TWA: 0.024 mg/m^3 (N), 0.016 mg/m^3 (S)

Highest concentration: 0.152 (N), 0.025 mg/m^3 (S)

ACV-English Station Remediation Project - Dust Monitoring Daily Log

Site: Station B Client: VI Date: 07/26/19
 Wind Direction: N Contractor: ACV Temperature: 68°F
 Daily Work Activities: Loading debris into the dump trucks

Observations: Sunny.
Loading debris into the ~~dump~~ dump trucks

Equipment Used: Dust Trak 8530

Dust Monitor Signature: Saifeddy

Baseline Reading: 0.020 mg/m³ (N)
0.021 mg/m³ (S)

Start time: 7:35

Time	Sample Location	Result ^{mg/m³} _{µg/m³}	Up/Down Wind	Sample Exceedance of xxx? (Yes/No) (If Yes, provide work activity & response action)
8:35	SOUTH	0.018	Down	No
8:35	NORTH	0.023	UP	No
9:35	SOUTH	0.035	Down	No
9:35	NORTH	0.023	UP	No
10:35	SOUTH	0.034	Down	No
10:35	NORTH	0.037	UP	No
11:35	SOUTH	0.067	Down	No
11:35	NORTH	0.036	UP	No
12:31	SOUTH	0.025	Down	No
12:35	NORTH	0.072	UP	No
13:35	SOUTH	0.022	Down	No
13:35	North	0.058	UP	No
14:35	South	0.035	Down	No
14:35	North	0.042	UP	No
14:35	S			

TWA: 0.026 mg/m³ (S), 0.038 mg/m³ (N)

Highest concentration: 0.045 mg/m³ (S), 0.132 mg/m³ (N)