



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

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: ES station B cable vault

Address: 510 Grand Ave

New Haven, CT

Contact/Name: M. Karmay Phone: _____

Rotameter No.: L-34

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 Type: PCM ☐ TEM ☐ Other: _____

Microscope No. 22002

Date of Calibration: _____

Lab No. 54811

Received in Lab for Analysis: ☐ QC Only: ☒ 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.	805	806	807	808	809
Sampling Location/Comments	Outside of decon entrance	Outside critical barrier	Where negative air is released	SB	FB
Type of Sample	4	4	4		
Pump Number					
Start Time/Stop Time	0750 1420	0750 1420	0750 1429		
Total Time (min)	390	390	390		
Flow Rate	2.5 2.5 2.5	2.5 2.5 2.5	2.5 2.5 2.5		
Total Volume (l)	975	975	975		
FB — BFB FL — BFL	3/100	1/100	0/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	3.8	1.3	0		
Airborne Fiber Conc. (fibers/cc)	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

TRC Laboratory Asbestos Analytical Certifications:

AT # 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: Yaph Mading

Date: 2-11-20 Time: 20:20

Received By: Yaph Mading

Date: 2/12/20 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

QC Record

Sample No.	FB/FL	Analyst/Date	Field/Lab
<u>806</u>	<u>1/100</u>	<u>CL 2/10/20</u>	<u>Lab</u>



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

AIR SAMPLE ANALYSIS REPORT

Client: UI

Site: Station B cable vault wall

Address: 510 Grand Ave

New Haven, CT

Contact/Name: A. Kamey Phone: _____

Rotameter No.: H-34 Date of Calibration: 4/19/19 Lab No. 54811

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

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.	810	811	812	813	814	815	816
Sampling Location/Comments	South end entrance	South central end	Contaminant mud paint	North Central end	North end ng air	SB	FB
Type of Sample	6	6	6	6	6		
Pump Number	1	2	3	4	5		
Start Time/Stop Time	10:50 12:10	10:50 12:10	10:50 12:10	10:50 12:10	10:50 12:10		
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	3/100	5/100	2/100	6/100	0/100	0/100
Filter Fiber Conc. (fibers/mm ²)	7.64	3.82	6.36	2.54	7.64	-	-
Airborne Fiber Conc. (fibers/cc)	0.002	ND00002	ND00002	ND00002	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: 2-11-20 Time: 20:20
 Received By: Tyler MacCallum Date: 2/12/20 Time: 09:00
 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
 Results relate only to the samples tested, as received by 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 # 3333000283 VT # AL910359 VA 333000283 WV # LT000622
 Philadelphia # 461 AIHA IHLAP # 100122 AIHA PAT# 100122

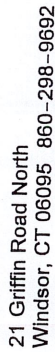
QC Record		
Sample No.	FB/FL	Analyst/Date

Sampler Print: Tyler MacCallum Signature: Tyler MacCallum Date: 1-12-20

Analyst Print: Tyler MacCallum Signature: Tyler MacCallum Date: 1-12-20

QC Analyst Print: C. Lemire Signature: C. Lemire Date: 2/12/2020

Lab Supervisor Print: Tyler MacCallum Signature: Tyler MacCallum Date: 2/12/20



Project No.: 263951.00028.0001

Project No.: 26395, 0000, 0001

Sampler Print: Tyler McGilvray

Analyst Print: Tyler Mabulley 9725

QC Analyst Print: C. Lemire

Lab Supervisor Print: Edith W. Mason

Team Supervisor Phil:

Rotameter No.: L34

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Microscope No. 1002 Recd _____

M ☒ TEM ☐ Other: _____ Analysis Method _____

Type of Component	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	

Sample No.	819	820	821	822	823	824
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	8:05 15:55	8:06 15:56	8:09 15:59	8:10 16:00		
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	1/100	4/100	3/100	4/100	2/100	2/100
Filter Fiber Conc. (fibers/mm ²)	1.27	5.09	3.82	5.09	-	-
Airborne Fiber Conc. (fibers/cc)	NDLO002	NDLO002	NDLO002	NDLO002	-	-

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: Enly Martz

Received By: 

Belinauished by:

Requested by: _____

Condition of Samples: ✓

Acceptable: Y N Comments: _____
AIHA Registry Document Accession #: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122

of the laboratory's results is limited to the FB/mm².

Acceptable: Y N Comments: _____
AIHA Registry Document Accession #: _____

AIHA Registry Programs Asbestos Analyst Registry
Organization ID: 100122