- Inlets are generally located immediately upgrade of a bridge. If on the downgrade of a bridge there is no extension or curbing, an inlet may be needed to prevent erosion.
- On vertical sags, flanker basins shall be located 0.06 m (0.2 ft) higher than the low point catch basin.
- Inlets should not be located in driveways or within 1.5 meters (5 ft) from driveway returns to preclude loss of traction.
- Bridge inlets may not be able to be located to meet the hydraulic requirements. Bridge inlets should be located with the approval of the bridge engineer. Keep in mind that an increase in width or spread may be justified for a short length of roadway to avoid the use of bridge inlets.
- At sag vertical curves of expressways where curbing is not used, a type "C-L" catch basin shall be placed at the outer edge of the shoulder and within the shoulder. This inlet will collect rain and snow melt which cannot reach the actual sag location due to the dam created by snow plowing operations. No interception should be computed for this inlet and a 300 mm (12 in) pipe is to be used for an outlet.
- Drainage inlets are sized and located to limit the spread on traffic lanes to tolerable widths as is indicated in Table 11-2. Grate inlets should be located outside the through-traffic lanes to minimize the shifting of vehicles attempting to avoid them.
- Where there is a danger of damage to adjacent property by flow overtopping the curb in a sag, flanking inlets should be used and the location checked to insure that the curb is not overtopped due to insufficient inlet capacity.
- Inlets should be located so that concentrated flow and sheet flow will not cross traffic lanes. Where pavement surfaces are warped, as at cross streets or ramps, surface water should be intercepted just before the change in cross slope.
- Inlets should be located just upgrade of pedestrian crossings if required near the crossing.
- Special care should be given to inlet placement to insure adequate capacity at bridge approaches and at sag vertical curves where ponding deeper than the curb height could occur.
- The maximum depth of flow in a gutter or shoulder shall be limited to 25 mm (1 in) below the top of curb, except at sag locations.
- Where driveways descend from the highway, the maximum depth of flow will be limited to 0.10 meters (0.3 ft).
- At intersections where the grades of both roads are positive, there usually is a vertical sag created at the curb line. To determine the exact location of these inlets and to determine their capacity, it is necessary to develop a profile of the gutter and a contour of the impacted quadrant of the intersection.
- Positive slopes, channelization islands, gore areas, etc. can cause snow melt from the roadside to freeze, creating ice conditions which require application of abrasives and chemicals. These designs can be avoided in most instances when thought is given to winter highway operations. A few measures which can be used are:
 - 1. Insure that slopes either flow to gutters or that they are negative from the roadway.
 - 2. Islands which do not flow to gutters should be depressed and drained with an inlet.
 - 3. Careful inlet designs at the optimum location to control flows in gore areas.
- At roadway transitions from cut to fill at the downhill terminus of a negative shelf should be drained with an inlet or properly designed channel to preclude erosion.

Step 5 Solve for the depth at point C, d_c , and compute the actual spread from edge of gutter section T_s

 $\begin{array}{rcl} d_c &=& d_B - BC \ (S_{X2}) \\ &=& (0.067) - (0.60)(0.04) \\ &=& 0.043 \ m \ (0.14 \ ft) \end{array}$

Therefore, $T_s = d_c / S_{X3} = (0.043)/(0.015) = 2.87m (9.4 ft)$

Step 6 Find the actual total spread (T). $T = T_s + AB + BC$ T = 2.87m + 0.27m + 0.6m T = 3.74 m (12.3 ft)

CONDITION 2: Given Spread (T), Find Flow (Q)

- Step 1 Determine input parameters such as longitudinal slope (S), Cross slope $(S_x) = S_{x1}S_{x2}/(S_{x1} + S_{x2})$, Manning's n and allowable spread. (Example: n = 0.016, S = 0.015, $S_{x1} = 0.06$, $S_{x2} = 0.04$, T = 1.83 m)
- Step 2 Calculate S_x $S_x = S_{x1}S_{x2}/(S_{x1} + S_{x2}) = (0.06)(0.04)/(0.06 + 0.04) = 0.024$
- Step 3 Using Figure 11-1, Solve for Q For T = 1.83 m, Q = $0.028 \text{ m}^3/\text{s}$ The equation shown on Figure 11-1 can also be used.

11.9.6 Grate Inlets in A Sag

A type "C-L" catch basin in a sag operates as a weir up to a certain depth dependent on the bar configuration and size of the grate (Type A or B) and as an orifice at greater depths. For these types of grates, weir operation continues to a depth of about 0.12m (0.4 ft.) above the top of grate and when depth of water exceeds about 0.43m (1.4 ft.), the grate begins to operate as an orifice. Between depths of about 0.12m (0.4 ft.) and about 0.43m (1.4 ft.), a transition from weir to orifice flow occurs. For a type "C" catch basin the side against the curb is not included in computing the perimeter (P).

The capacity of grate inlets operating as a weir is:

$$Q_i = \frac{CPd^{1.5}}{C_{FS}}$$

solving for d:

 $d = \left(\frac{Q_i C_{FS}}{CP}\right)^{2/3}$

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where:

- Q_1 = rate of discharge into grate opening, m³/s (cfs)
- P = perimeter of grate excluding bar widths and the side against the curb, m (ft)
- C = 1.66(3.0)
- d = depth of water above grate, m (ft)
- C_{FS} = factor of safety for clogging

The capacity of grate inlets operating as an orifice is:

$$Q_i = \frac{CA(2gd)^{0.5}}{C_{FS}}$$

solving for d:

$$d = \left(\frac{Q_i C_{FS}}{CA}\right)^2 / 2g$$

where:

- Q_1 = rate of discharge into grate opening, m³/s (cfs)
- C = 0.67 orifice coefficient
- A = clear opening area of the grate, m^2 (ft²)
- $g = 9.81 \text{ m/s}^2 (32.2 \text{ ft/s}^2)$
- d = depth of water above grate, m (ft)
- C_{FS} = factor of safety for clogging
 - = 1.0 Type "C" catch basin with 0% clogging
 - = 2.0 Type "C-L" catch basin with 50% clogging high clogging potential
 - = $1.0 < C_{FS} < 2.0 Type$ "C-L" catch basin with 0%–50% clogging low clogging potential. Typically for expressway medians, swales, and ditches where minimal tree growth is expected, a cfs =1.25 for 20% clogging is appropriate.

Between depths over the grate of about 0.12m (0.4 ft.) and about 0.43m (1.4 ft.) the operation of the grate inlet is indefinite due to vortices and other disturbances. The capacity of the grate is somewhere between that given by equations 11.7 and 11.8. The larger depth is used for design purposes.

Because of the vortices and the tendency of trash to collect on the grate, a factor of safety for clogging has been added to equations 11.7 and 11.8. For Type "C-L" catch basins with a high potential for clogging a factor of safety of 2 should be used. Where danger of clogging is slight, a factor of safety less than two might be used. When a type "C" catch basin is used, the curb opening provides the safety factor from clogging therefore the factor of safety is one (1.0).

(11.8)

DOT GRATE AREAS AND PERIMETERS ARE AS FOLLOWS:

Catch Basin with Type A Grate

| Total Steel Frame Length 2 Angles 2 1/2" Wide 8 Bars 5/8" Wide | 3'- 1 3/4" 2 (2 1/2") 8 (5/8") | or 0.9588 m or 0.1270 m or 0.1270 m | (3.1458 ft) (0.4167 ft) (0.4167 ft) (2.3124 ft) |
|--|--------------------------------------|--|--|
| Steel Frame Width 9 Bars 3/8" Wide Width Clear Opening | 1'- 7 5/8" 9 (3/8") | or 0.4985 m or 0.0857 m or 0.4127 m | (1.6354 ft) (0.2813 ft) (1.3541 ft) |

| Perimeter (P)= | 2(1.3541') + 2.3124' = | 1.53 m | (5.02 ft) |
|----------------|------------------------|---------------------|-----------------------|
| Area (A)= | 1.3541' x 2.3124' = | $0.29 \mathrm{m}^2$ | (3.13 ft^2) |

Type "C" Catch Basin with Type A Double Grate Type II

| Perimeter (P)= | 2(1.3541') + (2)2.3124' = | 2.24 m | (7.33 ft) |
|----------------|---------------------------|--------------------|-----------------------|
| Area (A)= | 1.3541' x 2.3124' x 2 = | 0.58 m^2 | (6.26 ft^2) |

Type "C-L" Catch Basin with Type A Grate

| Perimeter (P)= | 2(1.3541') + (2)2.3124' = | 2.24 m | (7.33 ft) |
|----------------|---------------------------|--------------------|-----------------------|
| Area (A)= | 1.3541' x 2.3124' = | 0.29 m^2 | (3.13 ft^2) |

Type "C-L" Catch Basin with Type A Double Grate Type II

| Perimeter (P)= | 2(1.3541') + (4)2.3124' = | 3.64 m | (11.96 ft) |
|----------------|---------------------------|--------------------|-----------------------|
| Area (A)= | 1.3541' x 2.3124' x 2 = | 0.58 m^2 | (6.26 ft^2) |

It should be noted that these perimeters and areas are for Type A grate. These may also be used with Type B grates as the difference is insignificant.

11.9.7 Slotted Inlets On Grade

Wide experience with the debris handling capabilities of slotted inlets is not available. Deposition in the pipe is the problem most commonly encountered, and the inlet is accessible for cleaning only with a high pressure water jet. Slotted inlets are effective pavement drainage inlets which have a variety of applications. They can be used on curbed or uncurbed sections and offer little interference to traffic operations.

Slotted Inlets On Grade

Flow interception by slotted inlets is side weir and the flow is subjected to lateral acceleration due

APPENDIX E

BesTech (and ENCO) Sequence of Work

BESTECH INC. of Connecticut

Site Location: 510, 510A Grand Avenue, New Haven, CT

SEQUENCE OF WORK:

Bestech's crew first did selective interior demo to access the areas to be abated inside of station B. Then we set up containments and performed the abatement work on the interior of the building, basement, first floor, and mezzanine. After the interior abatement was completed as far as we could with the electrical panels still energized, we picked up the roofing debris around station B. Then we removed the windows and the lower roofing material near the driveway by the site trailers. After the Electrical panels were deenergized, ACV removed them from the wall and Bestech personnel wrapped them and placed them in the container for disposal.

While working on the station B windows, we had another crew working on parcel B, taking care of the interior abatement of the two small buildings and removing the windows. That crew then removed the ACM in the tank farm areas.

Bestech's crew then picked up roofing debris around station B again and cleaned the debris off of the boat.

The next abatement is going to be the old guard shack. After the shack is abated, we still have the Galbestos piles to pick up on parcel A, and picking up the ACM from the demolition of station B.

ENCO ENVIRONMENTAL CONTRACTING & DEMOLITION 70 W LIBERTY STREET WATERBURY, CT 06706 203-754-5959

SEQUENCE OF WORK ENGLISH STATION 510 A GRAND AVE NEW HAVEN, CT 06511 GC: ACV ENVIRO 118 BURR COURT BRIDGEPORT, CT 06605

Project Manager: Richard Shultz Cell #203-627-5341 Yuriy Stoylar Cell# 774-400-5020

Office # 203-754-5959

ENCO

Environmental Contracting & Demolition, LLC 70 West Liberty Street Waterbury, CT 06706 P: (203) 754-5959 F: (203) 757-5979

Site Specific Asbestos Disposal Plan for English Station B Site Locations: 510A Grand Avenue New Haven, CT

Sequence of Work:

The present plan is to start in basement area and address the far corner utilizing the approved AWP for this area. Proper lighting will be in place to avoid and trip hazards. A 3-chamber decontamination unit will be installed adjacent to the containment. HEPA air machines will be set-up for adequate negative pressure and exhausted outside the building. This material will be adequately wetted and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Area to be final clean and visual inspection will occur. Once visual inspection passes, the entire contained work area is to be sprayed with encapsulate, let dry and then a re-occupancy air test is to take place. Once clearance is establish, all poly to be and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags, and then a re-occupancy air test is to take place. Once clearance is establish, all poly to be and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site.

The main run of pipe will be done in a full containment. A 3-chamber decontamination unit will be setup at furthest point with adequate HEPA air machines set-up at various points and exhausted outside the building. Proper lighting will be in place to avoid and trip hazards. The asbestos piping has a roofing type felt paper wrapped around the insulation. The bands will be cut and the felt paper cleaned off of any friable asbestos material and bagged up and disposed as Excluded PCB Product waste. The asbestos insulation will be again adequately wetted and removed. The material is to be placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Area to be final clean and visual inspection will occur. Once visual inspection passes, the entire contained work area is to be sprayed with encapsulate, let dry and then a re-occupancy air test is to take place. Once clearance is establish, all poly to be and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site.

The main level will occur next in the East corner of the building. This area comprises the entry hallway, room on the left, single office and the larger area. This will be set-up as determined by the approved AWP for this area. Proper lighting will be in place to avoid and trip hazards. A 3-chamber decontamination unit will be installed adjacent to the containment. HEPA air machines will be set-up for adequate negative pressure and exhausted outside the building. All loose debris will be adequately wetted and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Removal of the balance of asbestos materials will take place. The asbestos bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Mastic is to be done with HEPA shrouded equipment. Area to be final clean and visual inspection will occur. Once visual inspection passes, the entire contained work area is to be sprayed with encapsulate, let dry and then a re-occupancy air test is to take place. Once clearance is establish, all poly to be and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site.

Sequence of Work:

The main level will occur next in the West corner of the building. This area comprises the women's & men's bathroom locker rooms and office area. This will be set-up as determined by the approved AWP for this area. Proper lighting will be in place to avoid and trip hazards. A 3-chamber decontamination unit will be installed adjacent to the containment. HEPA air machines will be set-up for adequate negative pressure and exhausted outside the building. All loose debris will be adequately wetted and placed in pre-printed disposal bags, and then double bagged as asbestos/Exclude PCB Product waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Removal of the balance of asbestos/Exclude PCB Product materials will take place. The asbestos materials will be agged as asbestos/Exclude PCB Product as the material in pre-printed disposal bags, and then double bagged as asbestos/Exclude PCB Product as a subset of the balance of asbestos/Exclude PCB Product asterials will take place. The asbestos materials will be again adequately wetted and removed. The material is to be placed in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. Area to be final clean and visual inspection will occur. Once visual inspection passes, the entire container on site. Area to be sprayed with encapsulate, let dry and then a re-occupancy air test is to take place. Once clearance is establish, all poly to be and placed in pre-printed disposal bags, and then double bagged as asbestos waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site.

The next area will be to remove the flex duct connector as an Intact Non-Friable removal process. The flex connector adequately wetted, screws removed and entire flex connector is to be placed into a pre-printed disposal bag, and then double bagged as asbestos waste material in pre-printed disposal bags. Bag will be labeled and placed in waste container on site.

There is a small stub of piping inside the wall space on C Side of area. The plan is to use the OSHA approved glove bag method to do this removal. The glove bag will be placed into a pre-printed disposal bag, and then double bagged as asbestos waste material in pre-printed disposal bags. Bag will be labeled and placed in waste container on site.

The next area of concern will be to address at the 1st floor turbine hall the assumed insulation components in circuit boxes. If these materials can be done with Intact Non-Friable work practices then that will be the option. If containment is needed, then that will be the option. The assumed material will be adequately wetted and be placed into a pre-printed disposal bag, and then double bagged as asbestos waste material in pre-printed disposal bags. Bag will be labeled and placed in waste container on site.

There are various pipe gaskets assumed to contain asbestos. A sawzall will be used to cut pipe on either side of gaskets and then will be placed into a pre-printed disposal bag, and then double bagged as asbestos waste material in pre-printed disposal bags. Bag will be labeled and placed in waste container on site.

For loose debris in various areas, which includes TSI & wire wrapping, workers will be in full PPE, then adequately wet the material and placed into a pre-printed disposal bag, and then double bagged as asbestos waste material in pre-printed disposal bags. Bag will be labeled and placed in waste container on site.

The Galbestos roofing materials will be conducted in a restricted area, all waste container on site. process will be and placed in pre-printed disposal bags, and then double bagged as asbestos/Exclude PCB Product waste material in pre-printed disposal bags. Bags will be labeled and placed in waste container on site. A final visual inspection will be needed to ensure all materials have been addressed.

The windows will be done from the exterior of the building. With the exception of AWP areas, critical barrier will be set-up inside window opening. Using lifts and safety harness equipment, windows are to be removed as best as possible in an intact manner. The appropriate disposal will transpire as some windows will be combination asbestos/Exclude PCB Product waste while others are strictly asbestos waste. The roofing materials and Transite panels which have been deemed unsafe to remove in normal operating procedures will be taken down and disposed during demolition by ACV Enviro. Will we set-up restricted area and act as ground crew in concert with ACV Enviro staff operators.

Respectfully Submitted, Richard Shultz

Richard Shultz

APPENDIX F

TRC Air Monitoring during ACM Abatement

| AIR SAMPLE A Client: <u>UI</u> site: <u>ES Statun</u> Address: <u>510 Gran</u> | B D Ave A 513 | REPORT PI Si Ai Q | roject No.: ampler Print: nalyst Print: C Analyst Print: b Supervisor Print: | 3951 Madallivicay Madallivicay Madallivicay Madallivicay Madallivicay Madallivicay Madallivicay | Date: <u>4</u> / Signature: _ <u>25</u> Signature: <u></u> Signature: <u></u> | 25/14 Sefer Martha Sefer Martha | Page Page Date: 4 Date: 4 Date Analyzed: Date Date Date Date | of 125/14 126 5/10 |
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| Relative Standard Devia Relative Standard Devia Range Fibers/fields Intra-lab S 20/100 0.520 20.5 to 50/100 0.352 >50/100 0.295 | Ation (Sr) Phone: 7 ation (Sr) 0.517 0.451 0.387 | <u>、 後の一名頃45多5</u> R M ample Type: PCM | otometer No.: icroscope No2 I I TEM □ Other: Type of S | -25 2002 Analysis M ample: (1. Background) | Date of Cali Ca | bration: <u>V9</u> or Analysis: [100 ⊠∕ AHEF 5/94 A rules 4. Environmenta | <u>//8</u> Lab No] QC Only: | <u>-537</u> |
| Sample No. | Î | 2 | 3 | 4 | 5 | | | |
| Sampling Location/Comments | West Entrance | Central Basement Starry | Eatrance | 58 | FB | | | |
| Type of Sample | 1 | 1 | 2 | t | б | | | |
| Pump Number | l | 2 | 3 | | \backslash / | | | |
| Start Time/Stop Time | 1130 1500 | 1130 1500 | 1130 1600 | | \mathbf{X} | | | |
| Total Time (min) | 210 | 210 | 210 | | $\overline{\mathbf{X}}$ | | | |
| Flow Rate | 2.7 2.7 | 2.7 2.7 | 27 27 | | | | | |
| Total Volume (I) | 567 | 567 | 567 | | | | | |
| FB BFB FL BFL | 5/100 | 3/100 | 4/100 | 0/100 | %00 | | | |
| Filter Fiber Conc. (fibers/mm²) | 6,36 | 3.82 | 5.09 | ~ | | | | |
| Airborne Fiber Conc fibers/cc) | ND20.0045 | NDLO.OON 5 | NDLD.004 5 | W.A. Mail | | SIRIIA | Time R | 31 21 |
| STANDARDS <0.01 f/cc – EPA Re–Occupan | cy Clearance Criteria | | Relinquished by | - 5 million - | DateDate | -1-1. | | |
| 0.10 f/cc – OSHA Permissible 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. ⁻ sion Level | TWA) | | 66/00 | Date_ | 41911 | <u>ح_</u> ime <u>ر</u> | 0700 |
| ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | the limit of detection 100 fields | | Received by Lat | · poratory: | Date_ Date | | Time | |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH-0426 HI ME # I A-0075 NJ # CT004 N | ytical Certifications: #L-09-004 LA #0501 Y # 10980 RI # AAL- | | Condition of Samples: Acceptable: Y | N | Sample No. | QC | Recount Analyst/Date | Field/I |

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| Contact/Name: <u>M, K@</u> | M Phone: | <u>360-842-4585</u> Ro | tometer No.: | 25 | Date of Calil | oration: <u>//9/18</u> | Lab No. 53737 |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. <u> </u> | 1092 | Received in Lab fo | or Analysis: 🗌 | QC Only: |
| | 0.517 Sa | ample Type: PCM | 🛿 TEM 🛛 Other: | Analysis M | Method: NIOSH 74 | | □ Other: |
| 20.5 to 50/100 0.332 >50/100 0.295 | 0.431 | | Type of Sa | ample 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5 | . Personal 6. Clearance |
| Sample No. | ĺø – | 7 | 8 | 9 | 10 | | |
| Sampling | West | Central Basement | East Entrance | 5B | FB | | N 14 |
| Location/Comments | Entrance | Starrs | | | | | |
| Type of Sample | 1 | i | i | i " | 1 | | |
| Pump Number | | 2 | 3 | | | . | |
| Start Time/Stop Time | 1:35 6,30 | 4.35 16:30 | 435 16:30 | | | | |
| Total Time (min) | 415 | 415 | 415 | | X | | · · · · · · · · · · · · · · · · · · · |
| Flow Rate | 27 27 | 2.7 2.7 | 2.7 2.7 | | | | |
| Total Volume (I) | 1120.5 | 1120.5 | 1120.5 | | <u> </u> | | |
| FB BFB FL BFL | 9/100 | 5/100 | 8/100 | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 11,46 | 6.36 | 10.19 | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | NDX 0.002 | 0,003 | - | | | |
| STANDARDS | Cleanance Criteria | | Relinquished by: | : <u>TAOL MAIL</u> | DateDate | 5/8/19 | _Time <u>3.32 PM</u> |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. 1 | TWA) | Received By: | <u>lua</u> | Date | 5110/19 | _Time0900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less that | sion Level n the limit of detection | | Relinquished by: | · | Date_ | | _Time |
| Limit of Detection – 5.5 fibers/ | 100 fields | | Received by Lab | oratory: | Date | | _1 ime |
| 1RC Laboratory Asbestos Anal AZ # AZ0944 CT#PH–0426 HI | iytical Certifications: # L-09-004 LA #0501 | 11 MA # AA000052 | Acceptable: Y | N | Sample Ma | QC Re | Analyst/Date Field/Lab |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 | IY#10980 RI#AAL- 3 VT#AL910359 W | 007 √ # LT000597 | Comments: AIHA Registry Program | ns Asbestos Analyst Reg | | 7/100 | Lew 5/10/19 Lab |
| Philadelphia # 461 AIHA II Results relate only to the sample | HLAP # 100122 AIHA es tested, as received by | . PAT# 100122 / the laboratory. Verifiabili | Organization ID: 10012 ty of the laboratory's result | 22 s is limited to the FB/mm ² . | | | |

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| Contact/Name: M. Kee | NY Phone | 100-340-4595 Ro | tometer No.: <u>L</u> | 35 | Date | of Calib | pration: <u>1/9/</u> | | 53737 |
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| Range Fibers/fieldsIntra-lab S<20/1000.520 | 0.517 Sa | mple Type: PCM | go TEM ⊡ Other: | Analysis | Method: NK | OSH 740 | | A 🗆 Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample(1. Background | lss 2. Prep. 3. Wo | ue 2 8/15/ rk Area 4 | 94 A rules 4. Environmental | 5. Personal 6. Cl | earance |
| Sample No. | | 12 | 13 | 14 | | | | | |
| Sampling Location/Comments | Decon Entrance | Basement Stairs | Neg A.F. extrast | 5B | FB | | | | |
| Type of Sample | 1 | 1 | l | 1 | 1 | | | | |
| Pump Number | 1 | 2 | 3 | \setminus \angle | | | | | |
| Start Time/Stop Time | 9:00 4:50 | 9:02 4:52 | 9:04 4:56 | | | | | | |
| Total Time (min) | +4+0-470 | 1404 470 | +40+467 | | | | | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | $\overline{\ }$ | | | |
| Total Volume (I) | 1410 | 1400 | 1401 | | \vee | | | | |
| FB BFB FL BFL | 10/100 | 8/100 | 5/100 | 0/100 | 9/100 | > | | | |
| Filter Fiber Conc. (fibers/mm ²) | 12.7 | 10.14 | 6,36 | ~~ | - | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0,003 | 0.0023 | NDC 0.0012 | - | - | | - 17 | | |
| | eu Cloarango Critoria | | Relinquished by: | : <u>STAR MOSEND</u> | m | _Date_ | 5/8/19 | Time9 | 32 PM |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. 1 | rwa) | Received By: | luce | | _Date | 519/10 | 2Time | 0900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less that | the limit of detection | | Relinquished by: | : | | _Date | | 1ime | |
| Limit of Detection – 5.5 fibers/ | 100 fields | | Condition of Samples | ooratory: | | | | ı ime | <u> </u> |
| AZ # AZ0944 CT#PH-0426 HI | yucar Ceruncations: # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | Sar | nnle No | QC FB/FL | Recount Analyst/Date | Field/Lab |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 | Y # 10980 RI # AAL– 3 VT # AL910359 W | 007 √ # LT000597 | AlHA Registry Program | ms Asbestos Analyst Reg | gistry | | | 2 1111 30 20 10 | |
| Philadelphia # 461 AIHA li Results relate only to the sample | HLAP # 100122 AIHA is tested, as received by | . PAT # 100122 / the laboratory. Verifiabili | Organization ID: 10012 ty of the laboratory's result | 22 is is limited to the FB/mm ² | L | | | | 300 |

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| CTRC 21 Griffin Road Windsor, CT 0 860-298-9692 | 1 North 6095 2 | | | | | 1 | Edition: August 2018 Supersedes Previous Edition |
|---|--|---|--|---|--|--------------------------------|---|
| AIR SAMPLE A | | | piect No 26 | 3951 | Date 4/ | 30/14 | Page 4 of 4 |
| Client: U.I | | Sa | mpler Print: Tyles | Machillwray | Signature: | Ne Maphin | Date: $4/32/19$ |
| site: <u>English</u> sta | tion | An | alyst Print: Tyle A | And Allivers-> An | R ID: من 25 Signature: من | la Mas lin | Date 7_Analyzed: <u>5/1/1</u> 4 Date |
| Address: 510 Gran | d Avro | Q(| CAnalyst Print: | Villiam | Signature: | u_ | Analyzed: 5/10/19 |
| New Hoven CT | 06513 | La | b Supervisor Print: | Werthan | <u>z_s⊿</u> ~Signature: ∦ | lu - | |
| Contact/Name: <u>M. Kea</u> | <u>ny</u> Phone:8 | 60-840-4585 Ro | tometer No.: | 35 | Date of Calib | ration: 11/9/1 | B Lab No. <u>5373</u> 7 |
| Relative Standard Devia | r Inter-lab Sr | Mi | croscope No. <u>2</u> | 2002 | Received in Lab fo | r Analysis: 🛛 | QC Only: 🗗 🚽 |
| <20/100 | 0.517 Sa | ample Type: PCM | ⊠ TEM □ Other: | Analysis I | Method: NIOSH 740 | 0 🗆 AHERA | □ Other: |
| >50/100 0.295 | 0.431 | | Type of Sa | ample: 1. Background | /Issue 2 8/15 2. Prep. 3. Work Area 4 | 94 A rules I. Environmental | 5. Personal 6. Clearance |
| Sample No. | 16 | 17 | 18 | 19 | 20 | | |
| Sampling Location/Comments | Bosement Entrance | Neg Air exhaust | Decon Entrance | ъB | FB | <u> </u> | |
| Type of Sample | <u> </u> | I | - | 1 | ł | | |
| Pump Number | 1 | 2 | 3 | | \searrow | | |
| Start Time/Stop Time | 8:25 4:25 | 8:28 4:28 | 8.32 4.32 | | | | |
| Total Time (min) | 480 | 480 | 480 | | | | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 1440 | 1440 | 1440 | / | | | |
| FB BFB FL BFL | 9/100 | 12/100 | 14/100 | 9/100 | 9100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 11,46 | 15,28 | 17.83 | / +5- | Ð | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | 0.004 . | 0.004 | | - | | |
| STANDARDS <0.01 f/cc EPA Re-Occupan 0.10 f/cc OSHA Permissible 1.0 f/cc OSHA 30 min Excurs ND< Non Detected, less thar Limit of Detection 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. 1 sion Level hthe limit of detection 00 fields | rwa) | Relinquished by: Received By: Relinquished by: Received by Lab | oratory: | DateDate Date Date Date | 5/8/19 5/9/19 | Time <u>8;32.PM</u> Time Time Time |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA II Results relate only to the sample | ytical Certifications: # L-09-004 LA #0501 # 10980 RI # AAL 3 VT # AL910359 W HLAP # 100122 AIHA s tested, as received by | 11 MA # AA000052 007 / # LT000597 PAT# 100122 / the laboratory. Verifiabili | Condition of Samples: Acceptable: Y f Comments: AlHA Registry Progran Organization ID: 10012 ty of the laboratory's results | N ns Asbestos Analyst Reg 2 s is limited to the FB/mm ² . | jistry | QC R FB/FL ID/100 | Analyst/Date , Field/Lab |

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| AIR SAMPLE | ANALYSIS | REPO | | | 2951 | | | 1/1d | Supersede | es Previous Edi |
|---|--|-----------------|----------|--|----------------------|--------------------|--------------------------------|----------------------------|--|-----------------|
| Client: UT | | 1 X Ian J - X | | | SIDI | [| Date:/ | 1 10 | Page | <u></u> |
| | | | 28 | Impler Print: $-\frac{1}{\sqrt{10}}$ | er Malbiller | NATIO S | ignature: 🧕 | ALL MES | Date: _ | 5/1/1 |
| Site English st | stan | | An | alyst Print: <u>Tyle(</u> | Mabillway 9 | 725 S | ignature: <u> </u> | spi fle | Analyzo | ed: <u>5121</u> |
| Address: 510 Gran | d Ave. | . <u></u> | QC | CAnalyst Print: | Manso | <u>~</u> S | / ignature: _/ | Vie | Date Analyz | ed: 5/10 |
| New Hoven LT | 06513 | <u></u> | La | b Supervisor Print: | Kelliam | Som S | ignature: 🌈 | 1/1/ | Date | 5/10/ |
| Contact/Name: M. Ko | mu Phone: 2 | 860-240 | -4585 Ro | otometer No.: | L-35 | D | ے۔ ate of Calib | pration: | /4/18 Lah No | 537 |
| Relative Standard Devi | ation (Sr) | | MI | croscope No. 🗌 📿 | 22002 | Receive | d in Lab fo | r Analysis | $\Box = 0^{\circ} O^{\circ} O^{\circ}$ | · <u> </u> |
| Range Fibers/fieldsIntra-lab S<20/100 | Sr Inter-lab Sr 0.517 Sa | ample Typ | De: PCM | TEM D Other: | Analysis | Method: | NIOSH 740 | 0 🗆 AH | ERA 🛛 Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | | Type of S | ample: 1. Background | 7 . Prep. 3 | lssue 2 8/15/ . Work Area 4 | 94 A rules 1. Environme | s ental 5. Personal 6 | 3. Clearance |
| Sample No. | 21 | 2 | 2 | 23 | 24 | | 15 | | | |
| Sampling Location/Comments | Dc-on Entrance | Besen Steirs | entrance | Neg Air echoust | 3B | FI | 3 | | | |
| Type of Sample | Î | 1 | | 1 | 1 | | 1 | | | |
| Pump Number | ll | | 2 | 3 | | K | | | | |
| Start Time/Stop Time | 7:55 16:50 | 7:57 | 16:57 | 7:58 6:58 | | \square | | | | - |
| Total Time (min) | 535 | 5 | 40 | 540 | | | \checkmark | | | |
| Flow Rate | 3 3 | 3 | 3 | 3 3 | | | \wedge | | | |
| Total Volume (I) | 1605 | 16 | 20 | 1620 | | | | | | <u> </u> |
| FB BFB FLBFL | 17/100 | 11, | 100 | 8/100 | 0/100 | 6 | lan | | | |
| Filter Fiber Conc. (fibers/mm²) | 21.65 | 14. | 01 | 10.19 | - | | - | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.005 | 0.0 | 93 | 0.002 | _ | | | · | | ~ |
| STANDARDS | | | | Relinquished by | Inla Mas | For | Date | 518/19 | Time | 8:32 PM |
| 0.10 f/cc - OSHA Permissible I | Exposure Limit (8 hr. T | WA) | | Received By: | Kuc | | Date | 5/91 | Time_ | 0900 |
| 1.0 t/cc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | | Relinquished by | | | Date | | Time | |
| Limit of Detection – 5.5 fibers/1 | 00 fields | | | Received by Lat | ooratory: | | Date | | Time | · |
| RC Laboratory Asbestos Analy | vtical Certifications: #L-09-004 LA #0501 | 1 MA # AA0 | 00052 | Condition of Samples: Acceptable: Y | N | | | (| QC Recount | |
| /IE # LA0075 NJ # CT004 N | Y#10980 RI#AAL-0 | 007 | | Comments | · · ·, | | Sample No. | FB/FL | Analyst/Date | Field/Lz |

| AIR SAMPLE | ΔΝΔΙ | YSIS | REP |)RT | ninnt Ma - | 21- | 2015 | | - | . 2/ | bha | 2 | Supersedes Pre | evious Editio |
|--|------------------------------|------------------------------|------------------|--------------------|----------------------------|-------------------------------|--|-----------|-----------------------|---------------------------|-----------------------------|----------------------|------------------------------------|---------------|
| Glient: DT | ~~~~ | 1010 | | | oject No.: | <u>~~~</u> | c Mad | Jural | Di | ate: <u>977</u> | 2/ 1+ | A.C. | Page | _of_C |
| | | | | Ja | | $\frac{n}{-1}$ | <u>, </u> | AA | 510 . <u>R.ID:</u> | nature: _< | A MA | nu - | Date: <u>01</u> | 919 |
| Site: <u>ES Station B</u> | | | | An | alyst Prin | t: <u>Tyles</u> | Machillin | ray 9 | 7 <u>25</u> Sig | nature: | <u>Ju/109</u> | Mrg. | Analyzed: | <u>5/8/19</u> |
| Address: 510 Gran | d Arc | | <u></u> | QC | C Analyst | Print: | will | amso | Sig | inature: 💋 | 11- | | Date Analyzed: | 5110/1 |
| New Hoven CT | 0651 | 3 | | La | b Supervi | sor Print: | Veri | llams | <u>رردہ</u> Sig | nature: _/ | 111 | | Date Tssued: 3 | -110/10 |
| Contact/Name: <u>M. Kca</u> | mey | Phone: | 60-840 | 4585 _{Ro} | otometer | No.: | -35 | | Da | te of Cali | bration: 1 | 19/18 | Lab No. 🧉 | 5373 |
| Relative Standard Devi | ation (Sr) | | | MI | croscope | No. 22 | 2002 | | Received | l in Lab fo | or Analysis | s: 🗆 🖸 | C Only: | |
| Range Fibers/fields Intra-lab S <20/100 | Sr Inter-la 0.517 | ab Sr Sa | ample Tyj | De: PCM | | Other: | | Analysis | Method: | NIOSH 74 | 00 🎘 AH | | Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | | | | Type of S | ample: 1. E | ackground | 2. Prep. 3. | lssue 2 8/15 Work Area | /94 A rule: 4. Environme | s ental 5. Po | ersonal 6. Cle | arance |
| Sample No. | 2 | lo. | 2 | -7 | 26 | 3 | 2 | 9 | 30 | 2 | 31 | | 32 | |
| Sampling Location/Comments | Decon Entron | ce | South of cont | Side Summent | East Sill Containt | de of | Decon Entra | nce | Baseni | and Entrance | Nog AIr Gohaust | • | 5B | |
| Type of Sample | 1 | | 1 | | 1 | | | l | | i | 1 | | \frown | |
| Pump Number | | | 2 | | | 5 | · | 4 | | 5 | 6 | · | + - | |
| Start Time/Stop Time | 8:15 | 12:50 | 8.15 | 12.50 | 8:15 | 12:50 | 9:15 | 3:50 | 9:17 | 3:50 | 9:20 | 3,50 | | |
| Fotal Time (min) | 27 | '5 | 2 | 75 | 2 | 75 | 39 | 5 | 3 | 13 | 390 |) | $\square X$ | |
| Flow Rate | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | | $\overline{}$ |
| Fotal Volume (I) | ue |)0 | 11. | 96 | 11 | 00 | 1185 | | 1179 | | 1170 |) | | |
| FB BFB FL BFL | 18/1 | 06 | 20/1 | 06 | 17/10 | 20 | 15/10 | 6 | 6/100 | | 10/10 | 0 | 0/10 | 20 |
| Filter Fiber Conc. fibers/mm²) | 22 | 2,92 | , 25 | .47 | 21, | 65 | 19, | 10 | 7,6 | 4 | 12,7 | 13 | | |
| Airborne Fiber Conc. fibers/cc) | 0.00 | <u>98 /</u> | θ. | 008 | 0.00 | 57 7 | 0.08 | 06 | 0.0 | 02 | 0,08 | 14 | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible f | cy Clearan Exposure L | ce Criteria imit (8 hr. 1 | WA) | | Relinq Receiv | uished by: ed By: <i>_</i> | | Most | len | Date | 5/8/19 | 1 т <u>/г</u> 9 т | 'ime <u>₹`3</u> 'ime <u>⊘</u> 9 | 2PM |
| 1.0 f/oc – OSHA 30 min Excurs ND< – Non Detected, less thar | sion Level 1 the limit of | f detection | | | Reling | uished by: | | | | Date_ | | T | "ime | <u></u> |
| limit of Detection - 5.5 fibers/1 | 00 fields | · · · | | | Receiv | ed by Lab | oratory: _ | | | Date | | T | ime | |
| RC Laboratory Asbestos Anal Z # AZ0944 CT#PH-0426 HI | ytical Certifi # L-09-004 | LA #0501 | 1 MA # AA(| 00052 | Condition of Acceptable | of Samples: | N | | | | | QC Recou | int | |
| /IF # LA-0075 N I # CT004 N | Y # 10980 | RI # AAI _(| 707 | | Commente | • | | | | Sample No | FR/FI | Δı | 19 lvet/Data | Field/Lab |

| | Windsor, CT 06095 | 860-298-9692 | | | | | | 1011 | n | Edition: Augu Supersedes F | ist 2018 Previous Editi |
|---|--|------------------|-----------------|----------------------|--------------|-----------------|-----------------------------|---------------------------------------|---------------------|-------------------------------|----------------------------|
| | ANALYSI | S REPUR | Project | No.: <u>26</u> | 3951 | | Date: | 12/19 | <u>I</u> | Page | <u>/of</u> |
| | | | Sample | r Print: <u>Tyle</u> | 26 Machallin | 1-21 | Signature: | Spel | Noelm | Date: <u>5</u> / | 12/19 |
| site ES Station | B | | Analyst | Print: Tyles | Machilluse | 4 [9725] | Signature:_ | Sifer | 3/2 | Date Analyzed: | 518/ |
| Address: 510 Gra | nd Ave | | QC Ana | ılyst Print: | el III | amson | Signature: | Ker | | Date Analyzed: | 5/101 |
| New Haven (| <u>T 2651</u> | 3 | Lab Su | pervisor Print | furth | amson | Signature: | 11/1 | <u></u> | Date | 5/10/1 |
| Contact/Name: M.Ker | <u>Ney</u> Phone | 860-840-46 | <u> S</u> Rotom | eter No.:(| -35 | | Date of Ca | libration: | A/A/18 | Lab No | 5373 |
| Relative Standard Devia | ition (Sr) | | Micros | cope No. 🚅 | 22002 | Receiv | /ed in Lab | for Analys | sis: 🗌 C | C Only:⊀ | |
| <20/100 0.520 | r Inter-lab Sr 0.517 | Sample Type: | РСМ 🔊 ТВ | IM 🗆 Other: | Ar | alysis Metho | I: NIOSH 7 | 400 😹 / | | Other: _ | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | | Type of | Sample: Eac | kground 2. Prep | Issue 2 8/1 3. Work Area | 15/94 Aru a 4. Environ | iles mental 5. F | ersonal 6. C | learance |
| Sample No. | 33 | | | | | | | | , | T | |
| Sampling Location/Comments | FB | | | r | | | | | | | |
| Type of Sample | | / | | | | | | | | + | |
| Pump Number | \square | | | <u> </u> | | | · · · · · · | | | · | |
| Start Time/Stop Time | | | | | | | | · · · · · · · · · · · · · · · · · · · | <u> </u> | | · |
| Total Time (min) | \square | · | | I | | | l | | <u> </u> | <u>-</u> | |
| Flow Rate | | | | | | | | • | <u> </u> | + | <u> </u> |
| Total Volume (I) | | | | | | | l | | | <u>+</u> | |
| FB BFB FL BFL | 9/100 | | | <u> </u> | | | | | | | |
| Filter Fiber Conc. (fibers/mm²) | - | | <u> </u> | <u> </u> | ······ | | <u> </u> | | <u> </u> | | |
| Airborne Fiber Conc. (fibers/cc) | - | | | | | | | | | | |
| STANDARDS | | | R | elinquished b | y: John 1 | nather | Date | 5/8/1 | 4 | rime 8. | 32 PM |
| 0.10 f/cc – EPA Re–Occupanc 0.10 f/cc – OSHA Permissible E | cy Clearance Criter Exposure Limit (8 h | na r. TWA) | Re | eceived By: _ | le | <u></u> | Date | 5/9 | 119 - | Гіте <u> </u> с | 2900 |
| 1.0 f/cc - OSHA 30 min Excursi ND< - Non Detected, less than | ion Level the limit of detection | on | Re | linquished b | y: | | Date | • | | Гіте | |
| Limit of Detection - 5.5 fibers/10 | 00 fields | | Re | eceived by La | aboratory: | | Date | | | lime | |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH–0426 HI # | tical Certifications: # L-09-004 LA #05 | 5011 MA # AA0000 | Cond 52 Acce | ition of Samples | N | | | | OC Reco | unt | |
| ME # LA-0075 NJ # CT004 NY | /#10980 RI#AA | L-007 | Com | nante: | | | Sample No. | FB/FI | | nalvst/Date | Field/L |

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

| المتكر المسلمات المتعاد المسلمات المسلمات المسلمات المسلمات المسلمات المسلمات المسلمات المسلمات المسلمات المسلم | NAL V | SIS | REDU | | icat No : | 0.10 | 3951 | | D - | 50 | 114 | _ | D | ح ک |
|---|---|----------------------------|---------------------------------------|------------------|--------------------------|-------------------------|-----------------|--------------------------|--------------------|--------------------------------|------------------------|-----------------|------------------------------|------------|
| | 1147~1E= 1 v | | I XJuu F' V | | oject NO.: malos Dsia | | C Mai | O-Huros | Da | te:// | A. MARG | μ Ρ | age <u>č</u> | |
| | - 17 | | | 281 | | | <u></u> | AA | 751g R.ID: | | | Da Da | ate: <u> </u> | IL VT |
| site <u>ED Jere</u> | n B | ····· | | Ana | alyst Print | | | | Sig | nature: | | Ar | nalyzed: | |
| Address: <u>510 Gre</u> | and A | ĸ | | QC | : Analyst F | Print: | | | Sig | nature: | | Ar | ate nalyzed: _. | - ^ · · |
| New Haven, CT | T 065 | 513 | · · · · · · · · · · · · · · · · · · · | Lat | o Supervis | or Print: | | | Sig | nature: | | Da Is: | ate sued: | |
| Contact/Name: M. Kc | a C∕noN Ph | ione: í | 860-8 | 10-45855 Ro | tometer N | 10.: H | -25 | | Daf | e of Calibi | ration: K/ | 9/13 1 | uh No 🧉 | 5373 |
| Relative Standard Devia | tion (Sr) | | | Mic | croscope | No. | | | Received | in Lab for | Analysis: | | Dnlv·□ | |
| tange Fibers/fields Intra-lab St 20/100 0.520 | r Inter-lab S | sa | mple Typ | e: PCM | 🗆 ТЕМ 💋 | Other: | · · · | Analysis (| Method: | NOSH 740 |) 🗆 AHI | | ther: | |
| 0.5 to 50/100 0.352 | 0.451 | _ | | | | Type of Sa | ample: 1. E | Background | ا 2. Prep. 3. ۱ | ssue 2 8/15/9 Nork Area 4. | 4 A rules Environme | ntal 5. Pers | ona 6. Cle | arance |
| Sample No. | 34 | | 34 | 5 | 30 | 0 | 3 | 7 | 3 | 3 | | | | |
| Sampling _ocation/Comments | NW Comos | | NE | UCK . | SW | re(| SĒ Colv | res | Conte | | | | <u>.</u> | |
| ype of Sample | 6 | | ى) | 7 | 6 6 | | 6 | , | | | | | | |
| ump Number | ł | | <u> </u> | 2 | ۳ ب | 3 | Ľ | 1 | C | 3 | | | | |
| Start Time/Stop Time | 1:29 3 | 3:24 | 1:29 | 3.29 | 1:29 | 3/24 | 1:29 | 3:29 | 1:29 | 3:29 | | | | |
| otal Time (min) | 120 |) | 1 | 20 | l | 20 | l | 20 | 12 | 20 | | | | |
| low Rate | 10 | 10 | 10 | .10 | 10 | 10 | 10 | (9 | 10 | 10 | | | | |
| 'otal Volume (I) | 120 | o | 12 | .00 | 12 | 200 | 13 | 100 | 12 | 00 | = | 125 January | | EN I |
| B _ BFB L BFL | | | | | | | | | | | | DE | | |
| ilter Fiber Conc. fibers/mm²) | | | | | | | | | | | | MAY | 0-2 201 | |
| \irborne Fiber Conc. fibers/cc) | | | | | | | | , | | | | BX-AH | 05:0 | 50 |
| STANDARDS | | Osllasia | | | Relinqu | ished by: | - Jale | e-Most | log | Date | <u>512/1</u> | Tim | ie | |
| 0.01 f/cc – EPA Re–Occupand).10 f/cc – OSHA Permissible F | cy Clearance (Exposure Limit | t (8 hr. T | WA) | | Receiv | ed By: | le | <u> </u> | <u> </u> | Date | 5/10 | <u>%//%</u> Tim | ie | 900 |
| 0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than _imit of Detection – 5.5 fibers/1 | ion Level the limit of de 00 fields | tection | | | Relinq. Receiv | iished by: ed by Lab | oratory: | | | Date Date | | Tim Tim | ie ie | |
| RC Laboratory Asbestos Analy | tical Certificat | tions: | 1 N/A # AAC | 00052 | Condition o | f Samples: | Ń. | | • | | . (| QC Recount | | |
| 2 # A20944 C1#FH-0420 TH IE # LA-0075 NJ # CT004 N X # 300354 VA # 3333000283 Philadelphia # 461 AIHA II | # 10980 RI Y # 10980 RI 3 VT # AL910 II AP # 10012 | # AAL0 359 WV 2 AIHA | 007 # LT00059 PAT# 1001 | 97 22 | Comments: AIHA Regis | stry Program | ns Asbestos | s Analyst Reg | istry | ample No. | FB/FL | Analy | /st/Date | Field/Lab |
| Results relate only to the sample: | s tested, as rec | eived by | the laborato | ry Verifiability | y of the labora | atory's result | s is limited to | the FB/mm ² . | / | | 200 | ~ _ | • | |

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| | 21 Griffin Road North Windsor, CT 06095 | 860-298-9692 | | | | | Edition: Augus | st 2018 |
|---|---|---|---|--|-------------------------|--------------------|---------------------------------------|------------------|
| AIR SAMPLE | ANALYSIS | REPORT Pr | oject No.: | 6345(| Date: 5/ | 8/14 | Page | |
| Client: | | Sa | ampler Print: | E Machillurso | A Signature: 2 | Ale Martin | \sim Date: $5/$ | <u></u> /z//0 |
| site Es Station | B | Ar | nalvst Print: Tyle | Madalling AA | RID: | 1. makli | Date | ENIA |
| Address: 510 G | and Are | | | | Jognature. | a russmir | Date | <u> 2/4/17</u> |
| Ala La | | Q(| - Analyst Print: | in in | Signature: | <u>lle</u> | Analyzed: | 6/4/1 |
| New Maven, 1 | | La | b Supervisor Print: | fle Man | Signature: | ule | Issued: | 6/6/19 |
| Contact/Name: Mark | Kancy Phone: | 860-840-49 <u>85</u> Ro | otometer No.: | L-35 | Date of Calib | ration: M_{Ψ} | AB Lab No | <u>53</u> 846 |
| Relative Standard Devi Banee Fibers/fields | iation (Sr) | Mi | croscope No | 12002 1 | Received in Lab fo | r Analysis: 🗌 | QC Only: 🛃 | |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 S | ample Type: PCM | ぎ TEM ロ Other: | Analysis I | Method: NIOSH 740 | | Other: | |
| <u>>50/100</u> 0.295 | 0.387 | | Type of S | ample: 1. Background | 2. Prep. 3. Work Area 4 | Environmental | 5. Personal 6. Cl | earance |
| Sample No. | 39 | 40 | 41 | 42 | 43 | | | |
| Sampling Location/Comments | Bosement Decon Ent. | Basement Sterr Ent | Neg Air | SB | FB | | | |
| Type of Sample | ll | t | l 1 | . 1 | 1 | | | |
| Pump Number | ιι | 2 | 3 | 4 | 5 | | | |
| Start Time/Stop Time | 9:30 4:40 | 9:30 4:40 | 9:33 4:43 | | | | | |
| Total Time (min) | 430 | 430 | 436 | \mathbf{X} | | <u>_</u> | | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | | |
| Total Volume (I) | 1290 | 1290 | 1290 | | | | ll_ | |
| FB BFB FL BFL | 6/100 | 4/100 | 9/100 | 210b | 9/100 | | | |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 5.04 , | 11.46 / | - | ~ | | · · · · · · · · · · · · · · · · · · · | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | NDX 0.002 | 0.003 | | - | • | | |
| STANDARDS | New Clearance Oritoria | | Relinquished by: | Soler Max | Julling_Date | | _Time | |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. 1 | TVVA) | Received By: | lu- | Date | 6/6/19 | | 900 |
| ND< - Non Detected, less that limit of Detection - 5 5 fiberal | n the limit of detection | | Relinquished by: | | Date | · | Time | |
| TRC Laboratory Ashestos Anal | vical Certifications: | | Condition of Semplor | | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | Ń | Querry In NI | QC Re | ecount | 1 |
| TX # 300354 VA # 333300028 | 3 VT # AL910359 W | / # LT000597 | AIHA Registry Program | ns Asbestos Analyst Regi | stry | FB/FL 3/100 | Analyst/Date | Field/Lab |
| Philadelphia # 461 AIHA II Results relate only to the sample | HLAP # 100122 AIHA is tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 10012 y of the laboratory's results | 2 s is limited to the FB/mm ² . | | | | |

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| >TRC | 21 Griffin Road North Windsor, CT 06095 8 | 60~298-9692 | | | | | Edition: Augus | st 2018 |
|--|--|---|---|--|---------------------------------------|------------------------------------|----------------------------|------------------|
| AIR SAMPLE A | NALYSIS | REPORT Pr | piect No 212 | 451.00022 | 2001 Data: 5/9 | 1/14 | | |
| Client: UT | | Sa | moler Print | er Martallura | Signature: | the MAR the | . Page <u>10</u> | 10/10 |
| site English State | n Stahan | <u>B</u> An | alyst Print: | Masling A | ARID: Signature: 3 | da Mary | Date: Date Analyzed: | 5/10/14 |
| Address: 510 Gr | and Are | QC | CAnalyst Print: | 1 1 Alliance | - Signature: | 11/1 | Date | ch ha |
| New Haven C | T | La | b Supervisor Print: | Verilliams | Signature: | u_ | Date | 6/6/17 6/6/19 |
| Contact/Name: <u>// Kac</u> | Nev Phone: | Ro | tometer No.: | -35 | Date of Calib | ration: 11/9/18 | Lab No. | 53646 |
| Relative Standard Devia | tion (Sr) | MI | croscope No | 2002 | Received in Lab for | r Analysis: 🗍 🛛 C |)C Only: 🗹 | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr Sa | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 740 | 0 🔊 AHERA 🗆 | Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | Issue 2 8/15/9 Prep 3. Work Area 4 | 94 A rules . Environmental 5. F | ersonal 6. Cle | earance |
| Sample No. | 44 | 45 | 46 | 47 | 403 | ······ | 1 | |
| Sampling Location/Comments | Basement Stair Ent | Wester load out | Neg aur exhanat | FB | SB | ···· | | |
| Type of Sample | A | 2 | 2 | | | | | |
| Pump Number | 1 | 2 | 3 | | | | | |
| Start Time/Stop Time | 8:25 4:45 | 8:25 4:45 | 8.25 4:45 | | | | | |
| Total Time (min) | 440 | 440 | 440 | \overline{X} | | | <u>+</u> | |
| Flow Rate | 3 3 | 3 3 | 33 | | | | | |
| Total Volume (I) | 1320 | 1326 | 1320 | | | I | <u>+</u> | |
| FB BFB FL BFL | 6/100 | 17/100 | 8/100 | 0/100 | °/100 | | | |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 21.65 | 10.14 | ~ | - | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | 0.006 / | 0.0023 | <u></u> | - | | <u> </u> | |
| | | | Relinquished by: | Filer Me | at all Date | | Time | |
| 0.10 i/cc – EPA Re–Occupant 0.10 i/cc – OSHA Permissible E | cy Clearance Criteria Exposure Limit (8 hr. T | WA) | Received By: | Ken - | Date | coluling- | Time 🖉 🧹 | 2900 |
| 1.0 f/oc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | Relinquished by: | | Date | | Time _ | |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | | Гіте | |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI | tical Certifications: # L-09-004 I A #0501 | 1 MA # AANNOA52 | Condition of Samples | | | OC Rees | | |
| ME # LA-0075 NJ # CT004 N | (#10980 RI#AAL-(|)07 (#1 T000507 | Comments: | • <u></u> | Sample No. | FB/FL A | nalyst/Date | Field/Lab |
| Philadelphia # 461 AIHA IH Results relate only to the samples | LAP # 100122 AIHA tested, as received by | PAT# 1000597 PAT# 100122 the laboratory Verifiability | AIHA Registry Program Organization ID: 100122 of the laboratory's results | Is Asbestos Analyst Reg 2 is limited to the FB/mm ² . | gistry | | | |

| | 21 Griffin Road North | | | | | | Edition: August 2010 |
|---|--|-----------------------------|---|---|---|---|----------------------------------|
| | Windsor, CT 06095 8 | 360-298-9692 | 0170 | rel and R a | | - 1.01 | Supersedes Previous Edition |
| AIR SAMPLE A | ANAL 1515 | REPORT | Project No.: 2030 | 121.00020.00 | 001 Date: 5/1 | 0/14 | Page of |
| Client: | | 8 | Sampler Print: <u>VI</u> e | (Macled Wray | Signature: <u>4</u> | File Malon | Date: <u>5/i0/19</u> |
| site ES Station | <u>B 16' pij</u> | <u>)e</u> 1 | Analyst Print: <u>Ye</u> | Machillar 24 | Signature:∕∕ | Ser Mayny | Date Analyzed: <u>5/13/19</u> |
| Address: 510 Gran | Ave | (| C Analyst Print: | Williams | Signature: | Ki / | |
| New Hoven, | .CT | L | ab Supervisor Print: | Williams | Signature: | 111 | Date Tssued: |
| Contact/Name: <u>M. Kær</u> | ngy Phone: | F | Rotometer No.: <u> </u> | -35 | Date of Cali | bration: <u>11/9/1</u> 8 | Lab No. 53846 |
| Relative Standard Devia | ation (Sr) | 4 | Aicroscope No | 2002 | Received in Lab for | or Analysis: 🗇 🛛 | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCN | N ≱ TEM □ Other: _ | Analysis | Method: NIOSH 74 | 00 🕱 AHERA 🗆 | 〕 Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 0.387 | | Type of S | ample: 1. Background | lssue 2 8/15 I 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. I | Personal 6. Clearance |
| Sample No. | 49 | 50 | 51 | 52 | 53 | 54 | |
| Sampling Location/Comments | Decon Entrance | Basement Stars Ent | Waste load | Neg Air aboust | 5B | FB | |
| Type of Sample | <u> </u> | 1 | 1 | 1 | | | |
| Pump Number | 1 | 2 | 3 | 4 | | $ \land $ | |
| Start Time/Stop Time | 8.50 2.50 | 8:50 2:30 | 8:50 2:50 | 8:50 2:50 | | | |
| Total Time (min) | 360 | 360 | 360 | 360 | \square | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | 33 | | | |
| Total Volume (I) | 1080 | 1080 | 1080 | 1020 | | | |
| FB BFB FL BFL | 7/100 | 6/100 | 5/100 | 13/100 | 0/100 | 0/ion | |
| Filter Fiber Conc. (fibers/mm²) | 8.41 | 7.64 | 6.36 | 16.56 | > - | - | |
| Airborne Fiber Conc. (fibers/cc) | 8.003 | 0.0023 | NDK 0.002 | 0.0086 | - | - | |
| STANDARDS | | | Relinquished by | : Jobe Mal | Date_ | | Time |
| <0.01 f/cc – EPA Re–Occupant 0.10 f/cc – OSHA Permissible E | cy Clearance Criteria Exposure Limit (8 hr. 1 | TWA) | Received By: | lice | Date | 4/6/19 | Time 0900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | Relinquished by | · | Date | | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lat | ooratory: | Date | | Time |
| TRC Laboratory Asbestos Analy | /tical Certifications: #1-09-004 1 A #0501 | 1 MA # ΔΔ000052 | Condition of Samples | | | | |
| ME # LA-0075 NJ # CT004 N | / # 10980 RI # AAL-(| 007 | Comments: | IN | Sample No. | FB/FL A | nalyst/Date Field/Lab |
| TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH | 3 VT#AL910359 WA ILAP#100122 AIHA | / # LT000597 PAT# 100122 | AIHA Registry Program Organization ID: 10012 | ms Asbestos Analyst Reg 22 | gistry <u>52</u> | 10/100 L | w 6/6/19 116 |
| Results relate only to the samples | s tested, as received by | the laboratory Verifiabi | lity of the laboratory's result | is is limited to the FB/mm ² . | | | |

| | ANALYSIS | | roject No.: 2639 | 5.00020,00 | 00 Date: 31 | JUT Jon on Will | Page 12 of |
|--|---|--------------------------|--------------------------------|-------------------------|---|----------------------------|---|
| Site: Es Station ; | Station B 16 | <u> </u> | ampler Print: nalyst Print: | Made Murzy | AR ID: Signature: AR ID: Signature: A | ler Molter | P Date: <u>⊃1.20</u> Date 2 Analyzed: <u>51</u> |
| Address: 50 Gra | ind Ave | Q | C Analyst Print: | 12 Illiamso | Signature: 🖉 | ul | Date Analyzed: <u>/</u> /. |
| New Hoven, 1 | 01 | Lá | ab Supervisor Print: | Williamse | Signature: | ul- | -tssued: 6/6 |
| Contact/Name: <u>M.Ke</u> | My Phone:_ | R | otometer No.: <u>L-3</u> | 35 | Date of Calil | pration: W/Y/i | ר Lab No. < 3? |
| Relative Standard Devi | iation (Sr) | м | icroscope No2 | 2009_ | Received in Lab fo | or Analysis: 🗌 | QC Only: |
| Range Fibers/fields Intra-lab S <20/100 0.520 20.5 to 50/100 0.352 >50/100 0.352 | <u>3r Inter-lab Sr</u> 0.517 0.451 0.451 | ample Type: PCM | TEM Other: | Analysis | Method: NIOSH 74 Issue 2 8/15 | 00 78 AHERA /94 A rules | Other: |
| Sample No. | <u> </u> | EL. | 5 | | Ca | | |
| Sampling Location/Comments | Neg Art | Bosement by East | Decon | SB | FB | | |
| Type of Sample | <u>i</u> | DTall Dril | EVIT | | | | |
| Pump Number | 1 | 2 | 3 | $\land \checkmark$ | \land | <u> </u> | |
| Start Time/Stop Time | 8:40 3:26 | 8:40 3:26 | 8:40 3:26 | | | | |
| Total Time (min) | 404 | 406 | 406 | | | <u>.</u> | |
| Flow Rate | 33 | 3 3 | 33 | | | | |
| Total Volume (I) | 1218 | 1218 | 1218 | | | | |
| FB BFB FL BFL | 5/100 | Over loaded | 6/100 | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 6.36 | overloades | 7.64 | | - | | |
| (fibers/cc) | ND<0.002 | Overloaded | 0.002 | | | | |
| STANDARDS <0.01 f/cc EPA ReOccupan | ncv Clearance Criteria | i i | Relinquished by | : - yer Mass | MayDate | | _Time |
| 0.10 f/cc - OSHA Permissible 1 1.0 f/cc - OSHA 30 min Excurs | Exposure Limit (8 hr. sion Level | TWA) | Received By: | l'èl- | Date | 6/6/19 | _Time |
| ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | n the limit of detection | | Received by Lab | oratory: | Date | | _Time |
| TRC Laboratory Asbestos Anal | lytical Certifications: | d | Condition of Samples: | <pre>///</pre> | | | |
| AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N | # L-09-004 LA #050 Y # 10980 RI # AAL- | 11 MA # AA000052 -007 | Acceptable: Y | Ń | Sample No. | QC Ree | count Analyst/Date Field |
| TX # 300354 VA # 333300028. | 2 A1 # WF810228 M | V#L100009/ | AIRA REGISTIV Program | IS ASDESTOS ADRIVST RAC | JISTIV | 1 1 | |

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| | 21 Griffin Road North | | | | | | Edition: Augur | st 2018 |
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| | Windsor, CT 06095 8 | 60-298-9692 | 01- | TATI ADDAS | | 611/02 | Supersedes Pr | revious Edition |
| | ANAL 1313 | REPURI P | roject No.: | 5451.0007 | 8,000 Date: | $\frac{2(1)}{m}$ | Page | 5 of <u>15</u> |
| | | Si | ampler Print: <u></u> | 21 MBCGIllwray | Signature: 💋 | petiles for | 2 Date: | 0/21/19 |
| Site: ES Station | B 16 pip | <u>e</u> Ai | nalyst Print: Tyle | Madalluxay [|] Signature: | fermany | <u>Analyzed:</u> | 5/22/19 |
| Address: 50 Gra | nd Ave | Q | C Analyst Print: | entranco. | | in . | Date Analyzed: | 6/10/19 |
| New Hoven, 1 | CT | La | ab Supervisor Print: | 10 Illiam | Signature: | ul | Date | 16/19 |
| Contact/Name: <u>M Kea</u> | NeyPhone: | R | otometer No.: <u>l</u> | -25 | Date of Calib | oration: <u>5199/</u> | 4 Lab No | 53846 |
| Relative Standard Devia | ation (Sr) | м | icroscope No. <u> </u> | 2002 | Received in Lab fo | r Analysis: 🗌 | QC Only: 🗗 | |
| Range Fibers/fieldsIntra-lab S<20/100 | or Inter-lab Sr 0.517 Sa | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 740 | | □ Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | /lssue 2 8/15 4 d 2. Prep. 3. Work Area | 94 A rules 4. Environmental 5 | 5. Personal 6. Cl | earance |
| Sample No. | 60 | 61 | 62 | 63 | 64 | • | | |
| Sampling | Neg Air | Basement | Decon | SB | r d | | | |
| Location/Comments | exhaust. | Hair Ent. | Ent. | | PD | | | |
| Type of Sample | 1 | <u> </u> | 1 | | | · · · · · | | |
| Pump Number | | 2 | 3 | | | - L V.L | | |
| Start Time/Stop Time | 9:05 3:40 | 4105 3140 | 4:05 3:40 | | | | | |
| Total Time (min) | 395 | 395 | 395 | | | | | |
| Flow Rate | 33 | 33 | 3 3 | | | | | |
| Total Volume (I) | 1185 | N85 | 1185 | | | • | | |
| FB BFB FL BFL | 13/100 | 6/100 | 8/100 | 0/100 | 0/100 | · · · | | |
| Filter Fiber Conc. (fibers/mm²) | 16.56 | 7.64 | 10.14 | - | - | _ | | |
| Airborne Fiber Conc. (fibers/cc) | 0005 | 0,002 | 2.003 | •• | - | | | |
| STANDARDS | | | Relinquished by | : John Ma | Date_ | | | |
| <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible 8 | cy Clearance Criteria Exposure Limit (8 hr. 1 | WA) | Received By: | luca | Date | 6/6/19 | | 900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | Relinquished by | : | Date | | _Time | |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lat | poratory: | Date | | | |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI | ytical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: | N | | OC Re | count | |
| ME # LA-0075 NJ # CT004 N | Y # 10980 RI # AAL-(| 007 | Comments: | ······································ | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Philadelphia # 461 AIHA IF | 3 V1 # AL910359 WV | /#L1000597 PAT# 100122 | AIHA Registry Program Organization ID: 10012 | ms Asbestos Analyst Re 22 | egistry <u>62</u> | 7/100 | w 6/6/19 | Labo |
| Results relate only to the samples | s tested, as received by | the laboratory. Verifiabili | ty of the laboratory's result | is is limited to the FB/mm ² | 2, | | 34 | 10 |

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| | 21 Griffin R Windsor, C | oad North T 06095 8/ | 60-298-969 | 12 | | | | | | | - | Edition: Augus Supersedes P | st 201 reviou |
|--|-----------------------------|-------------------------------|------------|--------------|---------------------|----------------|-------------------|--------------|-------------------------------------|---------------------------------------|-------------------|--------------------------------|------------------|
| AIR SAMPLE | | YSIS | REPC | RT Pr | oiect No.: | 263 | 6451.000 | 28.00 | NDate: 5/ | 22/14 | | Page 1L | l of |
| Client: UI | | | | Sa | mpler Prir | nt: Treles | Machillura | / | Signature: 59 | be Mark | w | Date: 5 | 512 |
| star FG Station | R 16 | ^{\\} Di C | 20 | ۸n | ' oluot Drini | + Fila | Madduo | AAR ID: | Signatura | A. Ma | n - | Date | 51 |
| | | PIP | <u>/</u> | An | arysterni | · NHOS | | | Signature. | <u>G. 1. 103</u> | - J | Date | |
| Address: <u>510 Gra</u> | ind A | NR, | <u></u> | QC | C Analyst | Print: | UN/kan | +50Lg | Signature: | <u>ll</u> | | - Analyzed: Date | 6/0 |
| Now Hoven C | <u>, T</u> | <u> </u> | | La | b Supervi | sor Print: , | Wellia | mson | Signature: | , U | <u> </u> | ssued: | ie/4 |
| Contact/Name: MKox | nu | Phone: | | Ro | otometer l | No.: L | 25 | | Date of Calib | ration: d | 5/2/14 | Lab No. | 53 |
| Relative Standard Devi | ation (Sr) | | | Mi | croscope | No. 2 | 2002 | Rece | ived in Lab for | - r Analys | is: 🛛 C |)C Only: 🖉 | د |
| Range Fibers/fields Intra-lab 5 | Sr Inter-la | ab Sr Sa | ample Typ | e: PCM | 11. TEM 🗆 | Other: | Analy | sis Metho | d: NIOSH 740 | 0 - 📈 A | HERA [| Other: | |
| 20.5 to 50/100 0.352 | 0.451 | | | (| | Type of S | ample: 1. Backgro | ound 2. Pre | issue 2 8/15/9 p. 3. Work Area 4 | 94 A rúi . Environn | es nental 5, l | Personal 6. Cl | learan |
| Sample No. | 6 | 5 | 61 | a | 6 | 7 | 68 | | 64 | | | | |
| Sampling | Decor | \ \ | Base | mant | Neg | 4ve | SB | | FB | | | | |
| Type of Sample | Dri i. | l | Sign | <u>67° 1</u> | Exhory (| <u>></u> -₹ | | | | | | | |
| Pump Number | 1 | | | 2 | 3 | <u>}</u> | \mathbf{X} | | | · · · · · · · · · · · · · · · · · · · | | | |
| Start Time/Stop Time | 8:20 | 3.35 | 8:20 | 3:35 | 8:20 | 3135 | | | \mathbf{N} | | | | |
| Total Time (min) | 42 | 35 | 4 | 35 | 4 | 35 | | | \wedge | | | | |
| Flow Rate | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | |
| Total Volume (I) | 13 | 05 | 12 | 305 | 13 | 325 | | \mathbf{N} | | | | | |
| FB BFB FL BFL | 7/1 | 00 | 10/ | 130 | 6/12 | | 2/100 | , č | 2/100 | | | | |
| Filter Fiber Conc. (fibers/mm ²) | 8,0 | Ϊ Ι ή | 12 | 73 | 7.6 | ,41 | | | | | | | <u> </u> |
| Airborne Fiber Conc. (fibers/cc) | 0.08 | 023 | 0.0 | 074 | 0.0 | 02 ' | | | - | | | | |
| STANDARDS | 0 | | | | Relinq | uished by | Sofur II | abour | Date | ſ | | Time | |
| 0.10 f/cc - CSHA Permissible | Exposure L | ce Criteria .imit (8 hr. 1 | rwa) | | Receiv | /ed By: | Kee | | Date | 6/10/ | 19 | _Time | 900 |
| 1.0 t/cc – OSHA 30 min Excur ND< – Non Detected, less tha | sion Level n the limit o | f detection | | | Relinq | uished by | | | Date | | | Time | |
| Limit of Detection – 5.5 fibers/ | 100 fields | ications: |] | | Kecell Condition | ed by Lat | voratory: | | Date | | | .ume | |
| AZ # AZ0944 CT#PH-0426 H | l # L-09-004 | LA #0501 | 1 MA # AA(| 000052 | Acceptable | | N | | Sample No. | FB/FL | QC Rece | ount Analyst/Date | Fie |

| Client: UI Site: ES Station Address: 510 Good New Haven, C Contact/Name: A Ken Relative Standard Devia | Afc. | 50-298-9692 REPORT Pro Sa | Dject No.: 26395 mpler Print: <u>Tyles</u> alyst Print: <u>Tyles</u> C Analyst Print: <u>C</u> b Supervisor Print: <u>C</u> b Supervisor Print: <u>C</u> | 51,00023,00 Machillwray Machillwray Machillwray Machillwray Machillian 25 2002 | 61 Date: 52 Signature: 5 R ID: Signature: 5 Signature: 5 Signature: 6 Signature: 6 Signature: 6 Date of Calit Received in Lab for | 31 1 Som Maling Commany Com | Edition: August 2018 Supersedes Previous Edition Page <u>15</u> of <u>15</u> Date: <u>$5/23/19$</u> Date Analyzed: <u>$5/24/19$</u> Date Analyzed: <u>$0/0/19$</u> Date Issued: <u>$6/0/19$</u> Lab No. <u>53840</u> C Only: U |
|--|---|---|---|---|--|--|---|
| Range Fibers/fields Intra-lab St <20/100 0.520 20.5 to 50/100 0.352 >50/100 0.295 | r Inter-lab Sr 0.517 0.451 0.387 | mple Type: PCM | TEM D Other: | Analysis ample: 1. Background | Method: NIOSH 740 Issue 2 8/15/ 2. Prep. 3. Work Area | 10) A rules 4. Environmental 5. P | Other: |
| Sample No. | 70 | 71 | 72 | 73 | 74 | 75 | 76 |
| Sampling Location/Comments | Baserion | Basemont Stars | Basemant Non Ar Eich | Mens beker RM Decon | Mans beker R.M. Neg | Womens Locker RM | Lomen's Locker RM |
| Type of Sample | | 1 | | 1 | 1 | 1 | 1 |
| Pump Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Start Time/Stop Time | 7:40 3/10 | 7.40 3:10 | 7:40 3:10 | 7:40 3:15 | 7:40 3:15 | 12:30 3:15 | 12:30 3:15 |
| Total Time (min) | 450 | 450 | 450 | 455 | 455 | 165 | 165 |
| Flow Rate | 3 3 | 3 3 | 3 3 | 3 3 | 3 3 | 3 3 | 3 3 |
| Total Volume (I) | 1350 | 1350 | 1350 | 1365 | 1365 | 495 | 495 |
| FB BFB FL BFL | 5/100 | 5/100 | 6/100 | 5/106 | 8/100 | 1/100 | 3/100 |
| Filter Fiber Conc. (fibers/mm ²) | 6.36 | wab,36 | 7.64 | 6.36 | 10,19 | 1,27 | 3.8 |
| Airborne Fiber Conc. (fibers/cc) | NDCORDA | NDX 0.00 Y 2 | 0.002 / | NDC 0.0012 | 0.0023 | NDX 0.005 | NDK0.005 |
| STANDARDS <0.01 f/cc – EPA Re–Occupand 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. T ion Level the limit of detection 00 fields | WA) | Relinquished by Received By: Relinquished by Received by Lat | : : poratory: | Date_D | <i>6/6/19</i> | Fime Fime Fime |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 NY TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH | vtical Certifications: # L-09-004 LA #0501 Y # 10980 RI # AAL-4 3 VT # AL910359 WA HLAP # 100122 AIHA | 1 MA # AA000052 007 / # LT000597 PAT# 100122 | Condition of Samples: Acceptable: Y Comments: AIHA Registry Program Organization ID: 10012 | N ns Asbestos Analyst Reg 22 | jistry 72 | QC Recon FB/FL A1 4/100 V2 | ant nalyst/Date Field/Lab w/w/19 Curls |

| TRC | 21 Griffin Road North Nindsor, CT 06095 8 | 60-298-9692 | | | | | Edition: August 201 Supersedes Previor | 8 us Edition |
|---|--|------------------------------|------------------------------|--|--|-------------------------------------|---|-----------------|
| AIR SAMPLE A | NALYSIS | REPORT Pro | oject No.: <u>2639</u> | <u>51.00028,00</u> | <u>vl</u> Date: <u>5/</u> | 23/14 | Page 16 o | f 16 |
| Client: UT | | Sa | mpler Print: <u>Tyle</u> | Machillinezy | Signature: | 5 for Mally | Date: 5/2 | 3/1व |
| site: ES Station [| 3 16" pipe | An | alyst Print: Tyle | Marbillinzy A | Signature: | Ne Maden | Analyzed: 5 | 23/14 |
| Address: 510 Gra | nd Ave | Q(| CAnalyst Print: | villianso. | 🤟 Signature: 🖉 | ui | -Analyzed: | 6/19 |
| New Haven, CT | • | La | b Supervisor Print: | Ver Manse | کےSignature: | Yelan | لمن : Date -Issued: | <u>_/19_</u> |
| Contact/Name: <u>M. Kesn</u> | hone: | Ro | tometer No.: | 25 | Date of Calit | pration: <u>5/20/ /4</u> | Lab No. 5 | 3846 |
| Relative Standard Devis | ntion (Sr) | Mi | croscope No | 2002 | Received in Lab fo | r Analysis: 🗌 🛛 Q | C Only: 🛃 – | |
| Range Fibers/fields Intra-lab S <20/100 0.520 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | TEM Other: | Analysis | Method: NIOSH 740 | 0 🏂 AHERA 🗆 | Other: | |
| 20.5 to 50/100 0.352 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15/ 2. Prep. 3. Work Area | 94 A rules 4. Environmental 5. P | ersonal 8. Cleara | nce |
| Sample No. | <u> </u> | 70 | -74 | 80 | 81 | 20 | | |
| O a marallana | West | West | e la | Fact | Fast | <u> </u> | | |
| Location/Comments | | Central | Center | Central | 60 01 | 5B | FR | |
| Type of Sample | ĺv | 6 | 6 | 6 | (i | ĺ0 | 6 | |
| Pump Number | } | 2 | 3 | 4 | 5 | \setminus | | 7 |
| Start Time/Stop Time | 1214 1:34 | 12:14 1:34 | 12:14 1:34 | 12.14 1:34 | 12:14 1:34 | \sum | | |
| Total Time (min) | 80 | 80 | 80 | 80 | ଟିତ୍ | X | | |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 15 | 15 15 | | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | | | \sum |
| FBBFB FLBFL | 1/100 | 3/100 | 3/100 | 2/100 | 4/100 | 0/100 | 2/100 | |
| Filter Fiber Conc. (fibers/mm²) | 1,27 | 3,82 | 3.82 | 2.54 | 5,09 / | ~ | ~ | |
| Airborne Fiber Conc. (fibers/cc) | ND<0.002 | ND10,002 | ND 40,002 | NDLO.002 | ND<0.002 | - | | |
| STANDARDS | · · · · · · · · · · · · · · · · · · · | | Relinquished by: | 5-las ma | Hun_Date_ | - | Гіme | |
| <0.01 f/cc – EPA Re–Occupan 0 10 f/cc – OSHA Permissible I | cy Clearance Criteria Exposure Limit (8 br. 1 | | Received By: | Vice- | Date_ | 6/6/19 | Fime 090 | 0 |
| 1.0 f/cc - OSHA 30 min Excurs | ion Level | | Relinquished by: | | Date_ | | Гіте | |
| Limit of Detection – 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | 1 | lime | |
| TRC Laboratory Asbestos Anal | vtical Certifications: | 4 848 4 4 8 8 9 9 9 9 9 | Condition of Samples | *4 | | OC Reco | unf | 1. 1. |
| AZ # AZU944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N | # L-09-004 LA #0501 Y # 10980 RI # AAL-4 | 1 MA # AAUUU052. 007 | Acceptable: Y I | N | Sample No. | FB/FL A | nalyst/Date Fi | eld/Lab |
| TX # 300354 VA # 3333000283 | 3 VT # AL910359 W | /#LT000597 PAT# 100122 | AIHA Registry Program | ns Asbestos Analyst Reç | jistry | | | |
| Results relate only to the sample | s tested, as received by | the laboratory. Verifiabilit | y of the laboratory's result | s is limited to the FB/mm ² . | | | l | |

.

| AIR SAMPLE / | ANALYSIS | REPORT Pr | oject No.: <u>2634</u> | 51,00022.00 | 20 Date: 5/2 | 24/14 | Page of _ |
|---|--|-------------------|--|------------------------|--|--|---------------------------------------|
| Client: UL | | Sa | impler Print: <u>Tyles</u> | Machillingy | Signature: 🧕 | Syle May | Date: <u>5/24</u> |
| site: ES Station | B | An | alyst Print: Tyle | Medullway [| AR ID:] Signature: | fly met | 2 Analyzed: 5/2 |
| Address: 510 Gra | nd Ave | Q(| C Analyst Print: | Villamson | <u> </u> | 111 | Analyzed: <u>6/0</u> |
| Now Haven, C | T | La | b Supervisor Print: | 100 Illiams | <u>⊿ →</u> Signature: _ | <u>hecc</u> | Issued: <u>u/u/</u> |
| Contact/Name: M.Kor | nav Phone: | Ro | otometer No.: <u></u> | 25 | Date of Calib | pration: <u>5/22/19</u> | Lab No. 538 |
| Relative Standard Devi | ation (Sr) | Mi | croscope No2 | 2002 | Received in Lab fo | r Analysis: 🗌 | QC Only: |
| Range Fibers/fields Intra-lab S <20/100 0.520 | Sr Inter-lab Sr 5 0.517 S | ample Type: PCM | 27 TEM 🛛 Other: | Analysis | Method: NIOSH 74(| | □ Other: |
| 20.5 to 50/100 0.352 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/15/ 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5 | Personal 6. Clearance |
| Sample No. | 24 | 35 | 86 | 87 | / · · · · | | |
| Sampling | Nens | Mens Locker | Women's | Women's | | | |
| Location/Comments | jocker PM Devon | Neg AIS | looker Devon | iocka NegAir | | | |
| Type of Sample | 1 | | l | 1 | | ····· | |
| Pump Number | l | 2 | 3 | 4 | | | |
| Start Time/Stop Time | 8:10 3:20 | 8:10 3:20 | 8:10 3:20 | 8:10 3:20 | | | |
| Total Time (min) | 430 | 430 | 430 | 430 | | | |
| Flow Rate | 33 | 3 3 | 3 3 | 3 3 | | | |
| Total Volume (I) | 1290 | 1290 | 1240 | 1290 | | · ·· · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |
| FB BFB FL BFL | 7/100 | 4/100 | 6/100 | 5/100 | | | |
| Filter Fiber Conc. (fibers/mm ²) | 8.91 | 5.0d | 7.64 | 6.36 | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.0073 | NDC 0.092 | 0.002 | NIX0,092 | 1 | | |
| STANDARDS | | | Relinguished by: | _ Syler nat | Date_ | | _Time |
| 0.10 f/cc - OSHA Permissible | cy Clearance Criteria Exposure Limit (8 hr. 1 | TWA) | Received By: | Kin | Date | 6/6/19 | _Time _ 0900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than | sion Level 1 the limit of detection | | Relinquished by: | | Date | | _Time |
| Limit of Detection - 5.5 fibers/1 | 100 fields | | Received by Lab | oratory: | Date | | _Time |
| AZ # AZ0944 CT#PH-0426 HI | ytical Certifications: #L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y | N | | QC Re | count |
| ME#LA-0075 NJ#CT004 N | Y#10980 RI#AAL→ | 007 /#11000507 | Comments: | ne Asheetee Analyst Pa | Sample No. | FB/FL | Analyst/Date Field |

| TRC | 21 Griffin Road North Windsor, CT 06095 8 | 860-298-9692 | | | | | Edition: August 2018 Supersedes Previous Edition |
|--|---|--|--|--|---------------------------------------|---|---|
| AIR SAMPLE | NALYSIS | REPORT P | oject No.: 2/034 | 51.000028.000 | Date: 5/ | 24/14 | Page 18 of 18 |
| Client: IAI | | Si | ampler Print: Jula | Marbillivery | Signature: | Mar Marthe | Date: 5/24/14 |
| site: Es Station 3 | toton B Me | n's lackermonal | nalyst Print: Tyle | Mailer Mailway | NR ID: Signature: | Ac Mailing | Date Analyzed: <u>5/24/1</u> 4 |
| Address: 510 Gran | nd Ave | Q | C Analyst Print: | Lillanso. | Signature: 4 | un | Date Analyzed: <u>io/14/19</u> |
| New Haven | | Lá | ab Supervisor Print: | William | signature: 4 | leca | -Issued: <u>6/14/19</u> |
| Contact/Name: <u>M. Kez</u> | <pre>Med Phone:</pre> | R | otometer No.: <u>H-</u> | - | Date of Cali | bration: | Lab No. 53888 |
| Relative Standard Devia | ation (Sr) | м | icroscope No. 22 | 1002 | Received in Lab fo | or Analysis: 🗌 🛛 Q | C Only: 7 |
| Range Fibers/fields Intra-lab S <20/100 0 520 | ir inter-lab Sr | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 74 | 00 🔊 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 ^{°.} A rules 4. Environmental <i>5.</i> P | ersonal 6. Clearance |
| Sample No. | <u> </u> | 24 | 40 | 41 | | 0.7 | |
| Samuling | Mers shower | Men's shower | Mon's lacker | Men's bolker | Men's Later | 73 | |
| Location/Comments | | | North | center | south | 28 | FB |
| Type of Sample | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Pump Number | 1 | 2 | 3 | 4 | 5 | | |
| Start Time/Stop Time | 11:30 1:10 | 11:50 1:10 | 11:50 1:10 | 11:50 1:10 | 11:50 1:10 | | |
| Total Time (min) | 80 | 30 | 80 | 80 | 80 | | |
| Flow Rate | 15 <u>15</u> | 15 15 | 15 15 | 15 15 | 15 15 | | |
| Total Volume (i) | 1220 | 1200 | 1200 | 1200 | 1200 | / . | |
| FB BFB FL BFL | 8/100 | 6/100 | 11/100 | 6/100 | 9/100 | 8/100 | 0/100 |
| Filter Fiber Conc. (fibers/mm ²) | 10,14 | 7.64 | 14.01 | 7.64 | 11.46 | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | 0.002 | 0.004 | 8,092 | 0.00 341 | D - | |
| STANDARDS | 0 | | Relinguished by: | : 3 you mais | Date_ | 7 | "ime |
| <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible I | cy Clearance Criteria Exposure Limit (8 hr. 1 | rwa) | Received By: | lie | Date_ | <u>io/14/19</u> 1 | ime <u>0800</u> |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | Relinquished by: | · · · · · · · · · · · · · · · · · · · | Date | | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | poratory: | Date | 7 | "ime |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH-0426 HI | tical Certifications: #L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples Acceptable: Y | N | <u></u> | QC Reco | int |
| ME # LA-0075 NJ # CT004 N | Y # 10980 RI # AAL- | 007 /#LT000507 | Comments: | | Sample No. | FB/FL A | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA II | LAP # 100122 AIHA | PAT# 100122 | Organization ID: 10012 | ns Asbestos Analyst Rec 2 12 | | 21100 0 | 00/14/19 Lab |
| Limit of Detection – 5.5 fibers/1 TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH–0426 HI ME # LA–0075 NJ # CT004 N TX # 300354 VA # 3333000283 Philarleinbia # 461 AIHA H | 00 fields ytical Certifications: # L-09-004 LA #0501 Y # 10980 RI # AAL(3 VT # AL910359 WA # AP # 100122 AIHA |] 11 MA # AA000052 007 / # LT000597 | Received by Lab Condition of Samples: Acceptable: YI Comments: AIHA Registry Program | N | Date | QC Recon FB/FL Ar 5/100 LL | int nalyst/Date Field/Lab Scol/14/19 Lac |
| Results relate only to the sample | s tested, as received by | the laboratory. Verifiabili | ty of the laboratory's result | s is limited to the FB/mm ² . | · . | | 1 |

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|--|--|---|------------------------------------|--|---|--------------------------------------|---|
| AIR SAMPLE A | NALYSIS | REPORT P | roject No.: 263 | 751.00928.0e | 12) Date: 5/ | 24/14 | Page 19 of 19 |
| Client: <u>UT</u> | | S | ampler Print: Tyles | Marfalliveau | Signature: 5 | Mar mosting | Date: 5/24/19 |
| site: ES Station E | 3 Women's | locker room A | nalyst Print: Tyle | Mechillwray A | R ID: | Sigler Mally | Date Analyzed: <u>5/24/19</u> |
| Address: <u>510 (</u> | and Ave | G | C Analyst Print: | Williamso | Signature: 🖌 | 11100- | Analyzed: <u>6/14/19</u> |
| New Haven (| <u>'</u> T | L | ab Supervisor Print: | William | <u>حصح</u> Signature: | ul | Date Tssued: <u>6/14/19</u> |
| Contact/Name: <u>A. Keyr</u> | <u>ሰናላ</u> Phone:_ | R | otometer No.: | | Date of Cali | pration: | Lab No. <u>53888</u> |
| Relative Standard Devia | ation (Sr) | N | licroscope No22 | 2002 | Received in Lab for | or Analysis: 🗌 🛛 🖸 | C Only: 🖳 |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr 0.517 S | ample Type: PCM | TEM □ Other: | Analysis | Method: NIOSH 74 | 00 😹 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area ا | /94 A rules 4. Environmental 5. F | Personal 6. Clearance |
| Sample No. | 95 | 96 | 97 | 98 | 94 | 100 | 101 |
| Sampling Location/Comments | Ubmens Jocker West | Warnens backer East | · Bolth Entrance | Women's Both Wost | Wamans Both East | SB | FB |
| Type of Sample | 6 | 6 | 6 | 6 | 6 | | |
| Pump Number | l | 2 | 3 | ંત | ک | | |
| Start Time/Stop Time | 1:20 2:40 | 1:20 2:40 | 1:20 2:40 | 1:20 2:40 | 1:20 2:40 | $ \rangle / /$ | |
| Total Time (min) | 80 | 80 | ন্থ | 80 | 20 | X | X |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 is | 15 15 | | |
| Total Volume (I) | 1200 | pao | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 4/100 | 6/100 | 7/100 | 7/100 | 9/100 | 0/100 | 0/100 |
| Filter Fiber Conc. (fibers/mm ²) | 5.09 | 7.64 | 8.91 | 8.91 | 11,46 | | |
| Airborne Fiber Conc. (fibers/cc) | NDK 8.802 | 0.002 | 0.0023 | 0.0073 | 8.0034 | - | |
| STANDARDS | ov Clearance Criteria | | Relinquished by | : Juger Mole | Date | | Time |
| 0.10 f/cc – OSHA Permissible I | Exposure Limit (8 hr. | TWA) | Received By: | le | Date | 6/14/19 | Time |
| ND< – Non Detected, less than | the limit of detection | | Relinquished by: | : | Date_ | | Time |
| Limit of Detection – 5.5 fibers/1 | UU fields | | Received by Lab | poratory: | Date | | Time |
| AZ # AZ0944 CT#PH0426 HI | # L-09-004 LA #050 | 11 MA # AA000052 | Acceptable: Y | Ń | 01-31 | QC Reco | unt |
| TX # 300354 VA # 3333000283 | Υ#10980 RI#AAL- 3 VT#AL910359 W | -007 V # LT000597 | Comments: AIHA Registry Program | ms Asbestos Analyst Red | gistry | FB/FL A | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA IF Results relate only to the sample: | HLAP # 100122 AIHA s tested, as received by | APAT# 100122 v the laboratory, Verifiabi | Organization ID: 10012 | 22 s is limited to the FB/mm ² | | | |

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|--|--|--|------------------------------------|---|--|----------------------------------|--|
| AIR SAMPLE A | NALYSIS | | niect No: 2130 | 151,00028,00 | 901 Date: 5/ | 28/19 | Page 20 of 20 |
| Client: UI | | Sa | ampler Print: Tyle | s Machillivrex | Signature | The mal- | Date: 5/28/14 |
| Site: English Stat | ion East Of | -fices Ar | nalyst Print: Tyle | Machilleurcy A | AR ID:] Signature: | Super Mady | $\frac{2}{2} \text{Date} \\ \frac{1}{2} \text{Analyzed:} \frac{5/29/19}{2}$ |
| Address: <u>50 Gra</u> | nd Ave. | Q(| C Analyst Print:/_ | el Illiams | ِ Signature: | Vinte | Analyzed: 6/14/19 |
| New Haven CT | | La | b Supervisor Print: | William | Signature: | lu- | Date Issued: 6/14/19 |
| Contact/Name: <u>M, Ko</u> r | Mey Phone: | Ro | otometer No.: <u> </u> | 25 | Date of Cal | ibration: <u>5/24</u> | H Lab No. 53888 |
| Relative Standard Devia | ation (Sr) | Mi | icroscope No. <u>2</u> 2 | 2002 | Received in Lab | or Analysis: 🗌 | QC Only: |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | 🕅 TEM 🗆 Other: | Analysis | Method: NIOSH 74 | 100 🌫 AHERA | . □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/1 2. Prep. 3. Work Area ا | 5/94 A rules 4. Environmental | 5. Personal 6. Clearance |
| Sample No. | 182 | 103 | 104 | 105 | 136 | | -the- |
| Sampling Location/Comments | Decon Ent | Critica (West | Neg Aig Ansust | SB | FB | | |
| Type of Sample | 2 | 2 | 2 | | | | |
| Pump Number | 1 | 2 | M | | | | |
| Start Time/Stop Time | 10:45 3:10 | 10:45 3.10 | 12:45 3:10 | | | | |
| Total Time (min) | 265 | 265 | 215 | | | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | 1 | |
| Total Volume (I) | 795 | 795 | 745 | | | | |
| FB BFB FL BFL | 8/100 | 5/100 | 7/100 | 2/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 10,14 | 6.36 | 8,91 | | ~ | | |
| Airborne Fiber Conc. (fibers/cc) | 0:0045 | NDL0.003 | 0,094 | - | _ | | |
| STANDARDS | cy Clearance Criteria | | Relinquished by | : 3 Jan Mort | Date_ | 6/13/14 | Time |
| 0.10 f/cc – OSHA Permissible I | Exposure Limit (8 hr. 1 | TWA) | Received By: | fleca | Date_ | 6/14/19 | Time |
| ND< – Non Detected, less than | the limit of detection | | Relinquished by | | Date_ | | Time |
| TRC Laboratory Asbestos Apple | vtical Certifications: | | Received by Lat | boratory: | Date_ | | lime |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #050 | 11 MA # AA000052 | Acceptable: Y | N | Comm1- 31- | | ecount |
| ME # LA-0075 NJ # C1004 N TX # 300354 VA # 3333000283 | *#10980 RI#AAL- 3 VT#AL910359 W | 007 V # LT000597 | Comments: AIHA Registry Program | ms Asbestos Analyst Re | gistry | FB/FL 6/100 | Analyst/Date Field/Lab |
| Philadelphia # 461 AIHA IF Results relate only to the sample: | HLAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory, Verifiability | Organization ID: 10012 | 22 is is limited to the EB/mm ² | | | |

only to the samples tested, as received by the laboratory. Verifiability of the laboratory's result

t.

| AIR SAMPLE | ANALYSIS | REPORT P | Project No.: 263 | 951.00028. | <u>0001</u> Date: <u>5</u> / | 29/19 | Page <u>2</u> | <u> </u> |
|---|---|------------------|--|--------------------|-------------------------------|-------------------------------|-----------------|--------------|
| Client: <u>V</u> | | s | ampler Print: <u>Tyl</u> c | S Marbollin | <u>パライ</u> Signature: _ 2 | Ju Med | 2_ Date: _5 | <u>,/2</u> 9 |
| site: ES Station | B East | offices A | nalvst Print: Tyles | Madellwrat | <u>AR'ID:</u> Signature: מ | color Most | | 51 |
| 50 60 | al Are | | <u> </u> | 2 . 1.1 | orginaturo | 1 | Date | |
| | BIG THE | Q | C Analyst Print: | Lilliams | ے :Signature کے Signature | 1120 | Analyzed: | 6] |
| New Hoven | | Li | ab Supervisor Print: | William | <u> so</u> Signature: 🌈 | ule | Tssued: _/ | [0]1 |
| Contact/Name: M.Kco | NCV Phone: | R | otometer No.: | L - 25 | Date of Calib | ration: 5/24 | VAL ab No | 57 |
| Relative Standard Devi | ation (Sr) | N | | 1000 | Bate of ouring | r Analycic: 🗆 | | <u> </u> |
| Range Fibers/fields Intra-lab S | Sr Inter-lab Sr S | ample Type: PCM | Instructure for the second s | Analysi | s Method: NIOSH 740 | 1 Analysis. 🗆 10 Nov Ahfra | QC Only. ┏- | - |
| 20.5 to 50/100 0.352 | 0.451 | | Type of S | ample: 1 Backgroun | Issue 2 8/15/ | 94 A rules | E Bereenel & Ci | |
| >50/100 0.295 | 0.387 | 183 | | | | | | earai |
| | Dr. co | Neg Ais | Catcal | 110 | 111 | | | |
| Sampling Location/Comments | Pelon | chaust | Barrier | SB | FB | | | |
| Type of Sample | ł | 1 | 1 | | | | | |
| Pump Number | ll | 2 | 3 | | | | | |
| Start Time/Stop Time | 7:40 3:20 | 7:40 3:20 | 7:40 3:20 | | | | | |
| Total Time (min) | 460 | 460 | 460 | | | | | |
| Flow Rate | 33 | 33 | 3 3 | | | | | |
| Total Volume (I) | 1380 | 1380 | 1380 | | | | | |
| FB BFB FL BFL | H/100 | 10/100 | 3/100 | 0/100 | 2/100 | | | |
| Filter Fiber Conc. (fibers/mm ²) | 5.04 | 7.64 | 3.82 | - | - | | | |
| Airborne Fiber Conc. (fibers/cc) | ND<0.00/2 | 0,002 | NOK0.00/2 | - | | | | |
| STANDARDS | ov Clearance Criteria | | Relinquished by: | : 3 joi ma | Date | 6/13/19 | Time | |
| 0.10 f/cc - OSHA Permissible | Exposure Limit (8 hr. | TWA) | Received By: | lille | Date | 6/14/19 | Time _ _ | 58C |
| ND< – Non Detected, less that | n the limit of detection | | Relinquished by: | | Date | | Time | |
| Limit of Detection – 5.5 fibers/ | 100 fields | | Received by Lab | poratory: | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI | lytical Certifications: I # L-09-004 LA #050 | 11 MA # AA000052 | Acceptable: Y | N | ~ | QC R | lecount | |
| ME # LA-0075 NJ # CT004 N | IY#10980 RI#AAL- | 007 | Comments: | | Sample No. | <u> </u> | Analyst/Date | Fie |

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| | 21 Griffin Road North | 160 208 0602 | | | | | Edition: August 2018 |
|--|--|--|---|--|---|---------------------------------------|--|
| AIR SAMPLE A | NALYSIS | | Signation 7/3 | 151.00019 a | mi - Si | 120/19 | Supersedes Previous Edition |
| Client: UT | | | mplor Brint Tule | And Maria | $\underline{\bigcirc}$ Date: $\underline{\bigcirc}$ | J. Marke | - Page 72 of 72 |
| site: ES station B | East Offic | ారు An | alyst Print: <u>Tyle</u> | Machilling A | AR ID: 4 | for Mals, | LDate: <u></u> Date ZAnalyzed: <u>5/3///</u> |
| Address: 510 Gran | d Are | Q(| CAnalyst Print: | 1 tilliamso | Signature [.] | 1/1/ | Date |
| New Haven CT | | La | b Supervisor Print: | Veriliam | Signature: | ula 1114 | Date Issued: <u>6/14/19</u> |
| Contact/Name: <u>M. Koz</u> | wyPhone: | Ro | tometer No.: <u>L</u> | -23 | Date of Cali | bration: SDI | 19 Lab No. 62888 |
| Relative Standard Devia | ation (Sr) | Mi | croscope No | 22002 | Received in Lab f | or Analysis: [] | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | 🖄 TEM 🗆 Other: | Analysis | Method: NIOSH 74 | 00 🗆 AHERA | \ □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | issue 2 8/18 1 2. Prep. 3. Work Area | 5/94 A rules 4. Environmental | 5. Personal 6. Clearance |
| Sample No. | 112 | 113 | 114 | 115 | 116 | | <u> </u> |
| Sampling Location/Comments | Decon Entrance | Neg Ar Schoust | Contrical Barriter | FB | SB | | |
| Type of Sample | 1 | 1 | 1 | | | | |
| Pump Number | 1 | 2 | 3 | | | | |
| Start Time/Stop Time | 7:45 3:30 | 7:45 3:30 | 7:45 3:30 | | | | |
| Total Time (min) | 465 | 465 | 465 | | $-\chi$ | · | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 1345 | 1395 | 1395 | | | | |
| FB BFB FL BFL | 6/100 | 4/100 | 8/100 | 0/100 | 2/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 5.09 | 10.19 | - | | · · · · · · · · · · · · · · · · · · · | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | NDC0.00/2 | 0.0023 | - | - | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupand 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. T ion Level the limit of detection 00 fields | WA) | Relinquished by: Received By: Relinquished by: Received by Lab | oratory | Date Date Date Date | 6113/19 6/14/19 | Time Time Time Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH0426 HI ME # LA-0075 NJ # CT004 NY TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH Results relate only to the samples | rtical Certifications: # L-09-004 LA #0501 7 # 10980 RI # AAL(VT # AL910359 WA ILAP # 100122 AIHA a tested, as received by | 1 MA # AA000052 007 / # LT000597 PAT# 100122 the laboratory. Verifiability | Condition of Samples: Acceptable: Y I Comments: AIHA Registry Program Organization ID: 10012 y of the laboratory's results | N ns Asbestos Analyst Re 2 s is limited to the FB/mm ² | gistry | QC R FB/FL 5/100 | ccount Analyst/Date Field/Lab |

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| | 21 Griffin Road North Vindsor, CT 06095 86 | 60-298-9692 | | | | E | dition: August 2018 Supersedes Previous Edition | | |
|--|--|--|---|---|---|---|--|--|--|
| AIR SAMPLE A | NALYSIS | | viect No 26. | 3951,000,28, | (200) Date: 5 | /31/19 | Page 23 of 23 | | |
| Client: UI | | Sa | moler Print: Taile | Machillucax | Signature: 4 | My Morely | Date: 5/31/19 | | |
| site: ES Statian | B | Ana | alyst Print: Tyles | Machilway | R ID:] Signature: | Je Mel | Date Analyzed: | | |
| Address: 50 Cra | nd Avr | QC | Analyst Print: | Villamso. | Signature: _ | luc | Date Analyzed: <u>6/14/19</u> | | |
| New Hoven, CT Lab Supervisor Print: Kulliamscon Signature: Kulliamsc | | | | | | | | | |
| Contact/Name: Phone: Rotometer No.: L-25 Date of Calibration: 512419 Lab No. 53588 | | | | | | | | | |
| Relative Standard Devis | tion (Sr) | Mie | croscope No. 🔔 | <u>2002</u> | Received in Lab fo | or Analysis: 🗌 🛛 Q(| C Only: ⊡~ | | |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr 0.517 0.451 0.397 | Imple Type: PCM | F TEM □ Other: Type of Sa | Analysis ample: 1. Background | Method: NIOSH 74 Issue 2 8/15 2. Prep. 3. Work Area | 00 72″ AHERA □ /94 A rules 4. Environmental 5. Pe | Other: | | |
| Sample No. | | 811 | 119 | 120 | 121 | 122 | /23 | | |
| Sampling Location/Comments | Mezzanins North | Mezzanine East | 5B | FB | EO Drion | EO Neg A.r | Eoficial | | |
| Type of Sample | 1 | T | X | A | 1 | 1 | 1 | | |
| Pump Number | l | 2 | | | 3 | 4 | 5 | | |
| Start Time/Stop Time | 8:00 9:40 | 8:00 9:40 | | | 8:15 3:05 | 8:15 3:05 | 8:15 3:05 | | |
| Total Time (min) | 100 | 100 | | | 410 | 410 | 410 | | |
| Flow Rate | 3 3 | 3 3 | | | 3 3 | 33 | 33 | | |
| Total Volume (I) | 300 | 306 | | | 1230 | 1230 | 1230 | | |
| FB 8FB FL 8FL | 3/100 | 51:00 | <i>9/100</i> | 0/100 | 6/100 | 7/100 | 4/100 | | |
| Filter Fiber Conc. (fibers/mm²) | 3.82 | 6,36 | | - | 7,64 | 8.91 | 5.09 | | |
| Airborne Fiber Conc. (fibers/cc) | NX2.0089 | NOLOIDOZ | | - | 0,002 | 0.0073 | ND40.002 | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less that Limit of Detection – 5.5 fibers/ | cy Clearance Criteria Exposure Limit (8 hr. ⁻ sion Level n the limit of detection 100 fields | TWA) | Relinquished by: Received By: Relinquished by: Received by Lat | : poratory: | DateAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | <u>U 3 4</u> <u>u 4 1</u> 1 1 | īme īme <u>செச்ச</u> ſime ſime | | |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH0426 HI ME # LA0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA II Results relate only to the sample | ytical Certifications: # L-09-004 LA #050' Y # 10980 RI # AAL- 3 VT # AL910359 W HLAP # 100122 AIHA is tested, as received by | 11 MA # AA000052 007 V # LT000597 \ PAT# 100122 y the laboratory. Verifiabilit | Condition of Samples Acceptable: Y Comments: AIHA Registry Prograr Organization ID: 10012 y of the laboratory's result | / N ms Asbestos Analyst Re 22 is is limited to the FB/mm ² | gistry | QC Reco FB/FL A Co/100 Y | nalyst/Date, Field/Lab | | |

| TRC | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | | | Edition: Augu | ust 2018 |
|---|--|---|--|---|---------------------|-----------------------------|---------------------------------------|--------------------------|-----------------------------------|
| AIR SAMPLE | NALYSIS | | | 151.2222.6 | 9 0 21 - | . 5 | 121/14 | Supersedes F | Previous Edition |
| Client: UI | | | ampler Brint: Tyle | Madulwan | | | 1 Same | Page <u>7</u> | $\frac{9}{72}$ of $\frac{29}{10}$ |
| site: ES Station I | 3 Besement I | 54 DG AI | nalvst Print: T.do(| Mailellin Gx A | AR ID: | | A. Mall | Date: <u> </u> | <u>2121/17</u> |
| Address 510 Com | 1 4 | | 1019001 11112 | | | ignature | hi hand | Analyzed: Date | <u> 013/14</u> |
| Address. <u>Jo Gran</u> | | Q | C Analyst Print: | Lillanse | <u>an</u> S | ignature: 🏾 🎜 | le_ | Analyzed: | 6/14/19 |
| Wen naven, C | (| La | ab Supervisor Print: | Ul Ilian | <u>جہت</u> S | ignature: 🔏 | 1100 | Late | 6/14/19 |
| Contact/Name: M. Kar | ng Phone:_ | R | -باotometer No.: | 25 | D | ate of Calil | hration: 51221 | // Lab No | ~ 2 02 D |
| Relative Standard Devi | ation (Sr) | M | icroscope No 🤈 | 2002 | Receive | d in Lab fo | or Analysis: 🗆 | | 22000 |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 St | ample Type: PCM | CTEM □ Other: | Analysis | s Method: | NIOSH 74 | 00 🎘 AHER | QC Only.∞- A □ Other: | - |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | d 2. Prep. 3 | Issue 2 8/15 . Work Area | /94 A rules 4. Environmental | 5. Personal 6. C | learance |
| Sample No. | 124 | 125 | | | | | | | |
| Sampling | Basement | Basement | | | | | | | |
| Location/Comments | Db con | D6 Con | | | | | | | |
| Pump Number | 2 | 2 | | | | | | | |
| Start Time/Ston Time | 1 | 1.20 000 | | | | | | | |
| Total Time (min) | 1.29 3.10 | 1.24 3,10 | | | | | | | _ |
| Flow Rate | | 101 | | | | | · · · · · · · · · · · · · · · · · · · | | |
| Total Volume (I) | 3 3 | 3 3 | | | | | | | |
| | <u> </u> | 303 | | | | | | | |
| FL BFL | 7/100 | 6/100 | | | | | | | |
| Filter Fiber Conc. (fibers/mm ²) | 1.46 | 7.104 | | | | | * | | |
| Airborne Fiber Conc. | <u> </u> | 0.000 0.010 | | | | | | | |
| (fibers/cc) | 0,019 | Green Poly | | A | | | | | |
| STANDARDS | v Clearance Criteria | | Relinquished by: | Saler Mars | n | Date | 6/13/19 | Time | |
| 0.10 f/cc - OSHA Permissible E | Exposure Limit (8 hr. T | WA) | Received By: | free a | el_ | Date | 6/14/19 | Time | 0800 |
| ND< Non Detected, less than | the limit of detection | | Relinquished by: | | | Date | ······ | Time | <u></u> |
| TRC Laboratory Asbestos Analy | tical Certifications: | | Condition of Samples: 4 | oratory: | | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | I | г | 01 - b3 | QC F | lecount | _ <u> </u> |
| TX # 300354 VA # 3333000283 | VT # AL910359 WV | /#LT000597 | AIHA Registry Program | s Asbestos Analyst Re | egistry | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Results relate only to the samples | tested, as received by | PAT# 100122 the laboratory. Verifiabilit | Organization ID: 100122 y of the laboratory's results | 2 is limited to the FB/mm ² | 2 | | | 30 | 21 |

| | | | | 14 64 | | | _ Page \mathcal{F} D |
|---|--------------------------------|------------------|-----------------------|----------------------|---|---------------------------------------|------------------------|
| SHE ES GLL | · | (| Sampler Print: | es Machillura | Signature: | 546 Maly | Z Date: 6/ |
| Site: <u>LS Sigrion</u> | D DG 7 | | Analyst Print: | Machelling | AR ID: Signature: 2 | He anti- | Date |
| Address: <u>510 Gran</u> | nd Ave | (| C Analyst Print: | 1/1/10000 | | 11 and J | Date |
| New Hoven, C | ۲. | | oh Runnederer Die | 11) 11 | <u> </u> | <u>ucc</u> | Analyzed: _/ |
| Contact/Name: M.Ko | 2001 | · L | ab Supervisor Print: | <u>UMillan</u> | <u>≳≲∽</u> _Signature: ₇ | lele | Issued:/ |
| Relative Standard P | Phone: | F | Rotometer No.: | <u>-25</u> | Date of Cali | bration: 5/24/ | ¢ Lab No 🥽 |
| Range Fibers/fields Intra-lab | iation (Sr) Sr Inter-lab Sr | N | licroscope No | 12002 | Received in Lab f | or Analysis: 🖂 | QC Only: |
| 20.5 to 50/100 0.352 | 0.517 | sample Type: PCN | N ‰ TEM □ Other: _ | Analysis | Method: NIOSH 74 | | □ Other: |
| <u>\$295</u> | 0.387 | · | Type of S | ample: 1. Background | Issue 2 8/18 2. Prep. 3. Work Area 1 | 5/94 A rules 4. Environmental 5. | Personal & Clear |
| Sample NO. | 126 | 127 | 128 | 12.4 | 130 | 131 | 120 |
| Sampling Location/Comments | E307 | | North | South | Center | CD | |
| Type of Sample | 6 | 6 | | | | 00 | 75 |
| Pump Number | 1 | 2_ | - 6 | 6 | 6 | 6 | 6 |
| Start Time/Stop Time | 10:50 12:10 | 10:50 10:10 | | | 5 | | |
| Total Time (min) | 80 | 80 | 10150 11210 | 10:60 12:10 | 10:50 12:10 | | |
| Flow Rate | 15 15 | 15 15 | 16 16 | 80 | 80 | | |
| Total Volume (I) | 1200 | 1200 | -1200 | 10 15 | 15 15 | | |
| FB BFB | 9/100 | 7/. | 51 | - 1200 Q1 | 1200 | | \checkmark |
| FL BFL Filter Fiber Conc. | 100 | 1100 | -1100 | 8/100 | 10/100 | 0/100 | 0/1000 |
| (fibers/mm ²) | 11.46 | 8,91 | 6.36 | 10.19 | 12 72 | ····· | 1100 |
| (fibers/cc) | 0.0034 | A A07 3 | | / | | | + |
| STANDARDS | | | NIX 2002 | 0.003 | 0.004 | | - |
| <0.01 f/cc – EPA Re–Occupand 0.10 f/cc – OSHA Permissible F | cy Clearance Criteria | 70/0 | Received Bu | - Jylen Max | Date_ | 6/13/19 | Time |
| 1.0 f/cc - OSHA 30 min Excurs. ND< - Non Detected, less than | ion Level | vvn) | Relinguished by: | <u>ulle</u> | Date | 10/14/19 | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | pratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | tical Certifications: | | Condition of Samples: | | Date | · · · · · · · · · · · · · · · · · · · | Time |

| | 21 Griffin Road North Vindsor, CT 06095 86 | 60-298-9692 | | | | | Edition: August 2018 Supersedes Previous Edition |
|--|---|---|--|---|--|----------------------------------|---|
| | NALYSIS | | oject No. 26395 | 1. 00028.000 | Date: 10/3 | 119 | Page 2 6 of 26 |
| Client: <u>UT</u> | | Sa | ampler Print: Tyle | Machilling | Signature | la Mater | Date: $6/3/19$ |
| site: ES Station B | D6 #2 | Ar | nalyst Print: Tyler | Mailellucay AA | R ID: Signature: | fer Mary | Date Analyzed: 6/3/14 |
| Address: <u>510 Gran</u> | d Ave. | Q | C Analyst Print: | Williamson | <u>-</u> Signature: | 111 | - Analyzed: 6/14/19 |
| New Hoven, C | τ | La | b Supervisor Print: , | VUIIIamso | Signature: | ula | Date tssued: <u>celiulia</u> |
| Contact/Name: <u>M.Kom</u> | <u>.cy</u> Phone:_ | R | otometer No.: | 4-41 | Date of Calib | oration: | Lab No. 53888 |
| Relative Standard Devia | tion (Sr) | М | icroscope No. <u>2</u> 6 | 2002 | Received in Lab fo | r Analysis: 🗌 | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | ▶ TEM □ Other: _ | Analysis i | Nethod: NIOSH 740 | 0 🖉 AHERA | □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | Issue 2 8/15/ 2. Prep. 3. Work Area | 94 A rules 4. Environmental 5 | . Personal 6. Clearance |
| Sample No. | 133 | 134 | 135 | 136 | 137 | | |
| Sampling Location/Comments | East | West | North | south | Center | | |
| Type of Sample | 6 | 6 | 6 | 6 | 6 | | |
| Pump Number | l | 2_ | S | 4 | 5 | | |
| Start Time/Stop Time | 1:36 2:36 | 1:16 2:36 | 1:16 2:36 | 1:16 2:36 | 1:16 2:36 | | |
| Total Time (min) | 30 | 20 | 80 | 80 | େଟ | ••• ••• | |
| Flow Rate | 15 15 | 15 15 | 15 13 | 15 15 | 15 15 | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 6/100 | 11/100 | 8/106 | 4/100 | 7/100 | | |
| Filter Flber Conc. (fibers/mm ²) | 7.64 | 14.01 | 0.19 | 5.09 | 8.91 | | |
| (fibers/cc) | 0.002 | 0.0084 | 0,003 | NDL 9,002 | 0.0023 | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan | cv Clearance Criteria | | Relinquished by | : John Mars | Date | 6/13/19 | Time |
| 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 | rwa) | Received By: | free | Date | 6/14/19 | |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibero// | the limit of detection | | Relinquished by | : | Date | | Time |
| TRC Laboratory Asbestos Anal | vtical Certifications | | Condition of Samples: | | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | #L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | Commin Ma | | count |
| TX # 300354 VA # 333300028 | 3 VT # AL910359 W | V # LT000597 | AIHA Registry Program | ms Asbestos Analyst Reg | gistry <u>13.5</u> | Lelloo | Ver 6/14/19 Leb |
| Results relate only to the sample | s tested, as received by | PAT# 100122 / the laboratory. Verifiabil | Organization ID: 10012 ity of the laboratory's result | 22 is is limited to the FB/mm ² . | | | |
| >TRC | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | | Edition: Augus | st 2018 |
|---|--|--|---------------------------|--|--|---------------|--|-----------------|
| AIR SAMPLE A | NALYSIS | | niect No 2/34 | 1. oonsood | Data: 10/3 | 119 | Supersedes Pr | revious Edition |
| Client: UI | | Sa | ampler Print: TVI. | C Mailallword | Date | B. Malhon | _ Page <u>A</u> | 121A |
| site: ES Station B | D6#13 | # <u>2</u> Ar | nalyst Print: <u>Tyle</u> | Machillway AAR | ID: Signature: 7 | In newse | _ Date: <u>_0/1</u> Date _ Analyzed: | 6/41/8 |
| Address: 50 Gra | nd Ave | Q | C Analyst Print: | Villamon | Signature | 11/2 | Date | raturtio |
| New Haven, C | 7 | La | ab Supervisor Print: | Wellamson | Signature: | une Ula | Date | 14/19 |
| Contact/Name: <u>Mi Kear</u> | mu Phone:_ | R | otometer No.: | 1-25 | Date of Calibra | ation: 5/2011 | 4 Lab No | 53888 |
| Relative Standard Devis | ition (Sr) | М | icroscope No. 2 | 2002 Re | eceived in Lab for | Anaiveis D | OC Oniv: 🗠 | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 St | ample Type: PCM | 2 TEM □ Other: | Analysis Me | thod: NIOSH 7400 | 🛛 🏹 AHERA I | uooonny. ⊵ – ⊡ Other: | - |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background 2. I | issue 2 8/15/94 Prep. 3. Work Area 4. | A rules | Personal 6 Cl | Aarance |
| Sample No. | 1:38 | 134 | 140 | | | | | |
| Sampling Location/Comments | Bosoment DG #1 | Basement DG #2 | SB | FB | | | <u> </u> | |
| Type of Sample | | | | | | | | |
| Pump Number | V | 2 | | | | | | |
| Start Time/Stop Time | 8:00 3:20 | 8:00 3:20 | | | | | | |
| Total Time (min) | 440 | 440 | | | | | <u> </u> | |
| Flow Rate | 3 3 | 3 3 | | | | · · · · | <u> </u> | |
| Total Volume (I) | 1320 | 1320 | | | | | | |
| FB BFB FL BFL | 8/100 | 12/100 | 9/100 | 0/100 | | | | |
| Filter Fiber Conc. (fibers/mm ²) | 10,19 | 15.28 | | | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.0023 | 0,004 | - | - | | | _ | |
| STANDARDS <0.01 f/cc – EPA ReOccupan | cy Clearance Criteria | | Relinguished by | - Her Male | Date_0 | 113/19 | Time | |
| 0.10 f/cc – OSHA Permissible E | Exposure Limit (8 hr. 1 | TWA) | Received By: | 11 mil | Date | 6/14/19 | _Time | 900 |
| ND< - Non Detected, less than | the limit of detection | | Relinquished by | · | Date | | _Time | |
| TRC Laboratory Ashestos Appl | tical Cartifications | | Received by Lat | poratory: | Date | ······ | _Time | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 11 MA # AA000052 | Condition of Samples | N | · | QC Rec | count | |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 3333000283 | Y#10980 RI#AAL 3 VT#AL910359 W/ | 007 V # LT000597 | Comments: | ns Ashestos Analyst Dorist | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Philadelphia # 461 AIHA IF Results relate only to the sample | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 / the laboratory, Verifiabili | Organization ID: 10012 | s is limited to the FB/mm ² . | ry | | | |

| VTRC | 1 Griffin Road North Vindsor, CT 06095_8 | 60-298-9692 | | | | | Edition: August 2018 |
|---|---|------------------------------|--|---|---------------------------------------|------------------------------------|---|
| AIR SAMPLE A | NALYSIS | REPORT Pr | Diect No : 2/39 | 61,02028 | no para la | 14/19 | Supersedes Previous Edition |
| Client: UI | | Sa | moler Print: Tyle | Melallucar | Signatura: | Film Mar | Page <u>FO</u> of <u>FO</u> |
| site: ES Station D | s roof Debr | <u>ک</u> An | alyst Print: <u>Ty[er</u> | Madallwray AP | <u>R ID:</u> Signature: <u>v</u> | Tolo North | Date Date Analyzed: <u>6/5/19</u> |
| Address: 510 Gran | d Arc | Q(| CAnalyst Print: | 1 Allanso | Signature | Y11/ | Date |
| New Hoven, C | Τ | La | b Supervisor Print: | Yelliams | Signature: 2 | ul | Date -Issued: <u>6/14/19</u> |
| Contact/Name: <u>M. Kom</u> | A Phone: | Ro | tometer No.: L- | -25 | Date of Calil | pration (120) @ | Lah No 53000 |
| Relative Standard Devia | tion (Sr) | MI | croscope No. | 2002 | Received in Lab fo | or Analysis: 🗆 🔿 | $C Only \nabla'$ |
| Range Fibers/fieldsIntra-lab Si<20/100 | Inter-tab Sr 0.517 St | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 74 | 00 🕅 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4 Environmental 5 E | |
| Sample No. | 142 | 143 | 144 | | 147 |)/1°7 | |
| Sampling | Reg Area | Reg Araz | Reg Arez | Kitihen | kitchen | 5B | FR |
| Type of Sample | 1 | South | West | Decon | Critical | | |
| Pump Number | 1 | 2 | ر حر | | | / | <u> </u> |
| Start Time/Stop Time | 7:45 325 | 7:45 3:25 | 7:45 3:25 | 12:22 2:15 | 12:00 2 25 | | + |
| Total Time (min) | 460 | Ula6 | 460 | 205 | 225 | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | 2 2 | 3 3 | | |
| Total Volume (I) | 1380 | 1300 | 1380 | 615 | (15 | | |
| FB BFB FL BFL | 3/100 | 6/100 | 5/100 | 4/100 | 3/100 | 0/100 | Oltro |
| Filter Fiber Conc. (fibers/mm ²) | 3.82 | 7,64 | 6:36 | 5.04 | 3.82 | | |
| Airborne Fiber Conc. (fibers/cc) | NDCO.002 | 0.002 | ND40.002 | 100.004 | NDL0.004 | | - |
| STANDARDS <0.01 f/cc – EPA Re–Occupand | cy Clearance Criteria | | Relinquished by | : Tyle Mol | Date_ | 6/13/19 | Time |
| 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 | rwa) | Received By: | lele | Date | 10/14/19 | Time <u>0800</u> |
| ND< - Non Detected, less than | the limit of detection | | Relinquished by | : | Date | | Time |
| TRC Laboratory Asbestos Analy | /tical Certifications: | | Condition of Somploa: | poratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 11 MA # AA000052 | Acceptable: Y | N | | QC Reco | ount |
| TX # 300354 VA # 3333000283 Philadelphia # 461 | VT # AL910359 W | V # LT000597 | AIHA Registry Program | ns Asbestos Analyst Re | gistry <u>143</u> | 5/100 L | unalyst/Date Field/Lab |
| Results relate only to the samples | s tested, as received by | the laboratory. Verifiabilit | organization ID: 10012 y of the laboratory's result | 22 ts is limited to the FB/mm ² | | | |

| STRC | 21 Griffin Road North Windsor, CT 06095 -8 | 60-298-9692 | | | | Ë | dition: August 2018 | |
|---|--|-----------------|--------------------------|-------------------------|-----------------------|----------------------------|---------------------------------------|--|
| AIR SAMPLE A | NALYSIS | REPORT Pro | piect No.: 263° | 151.00028.0 | 1001 Date: Col | 5/19 | Page 94 of 29 | |
| Client: <u>UI</u> | | Sa | mpler Print: Tyler | Machillway | Signature: | Abr Mark | Date: 10/5/10 | |
| site: ES Station | B roof De | ebris An | alyst Print: Tyler | Mailelluray AA | R ID: Signature: | for Makes | Date Date Analyzed: <u>6677</u> | |
| Address: 50 Grav | d Ave | QC | Analyst Print: | VIllanso | | | Date | |
| New Hoven | CT | l al | Supervisor Print: | Varily | | 1/ 1 | Date | |
| Contraction M Ka | | La | | Le Marso | Signature: | le | Issued: <u>6/14/19</u> | |
| | Phone: | Ro | tometer No.: <u>V</u> | 75 | Date of Calil | pration: <u>5/29/19</u> | Lab No. <u>53888</u> | |
| Relative Standard Devia Range Fibers/fields Intra-lab S | r Inter-lab Sr | Mi | <u>در</u> _ croscope No. | 2002 | Received in Lab fo | or Analysis: 🗌 🛛 Q | C Only: ⊠ | |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 | ample Type: PCM | px TEM □ Other: | Analysis | Nethod: NIOSH 74 | 00 ⊅ AHERA □ /94 Arules | Other: | |
| >50/100 0.295 | 0.387 | | Type of Sa | ample: (1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. Pe | ersonal 6. Clearance | |
| Sample No. | 149 | 150 | 151 | 152 | 153 | 154 | 155 | |
| Sampling | Kig Ares | Keg Arcs | Keg Arez | Kitchen | Kitchen | SB | ER | |
| Type of Sample | 1 | 2000 N | Wret | Devon | Carical | | | |
| Pump Number | 1 | 2 | 3 | <u>ц</u> | <u> </u> | \backslash | | |
| Start Time/Stop Time | 8:00 3:33 | 8:00 3:33 | 8:00 3:33 | 12:30 13:03 | 12:30 3:05 | | | |
| Total Time (min) | 453 | 453 | 453 | 155 | 155 | | | |
| Flow Rate | 33 | 3 3 | 3 3 | 3 3 | 3 3 | | | |
| Total Volume (I) | 1359 | 1359 | 1354 | 465 | 465 | | | |
| FB BFB FL BFL | 5/100 | 3/100 | 6/100 | 8/100 | 5/100 | 0/100 | 9/100 | |
| Filter Fiber Conc. (fibers/mm ²) | 6.36 | 3.82 | 7,64 | 10.19 | 6.36 | | | |
| (fibers/cc) | NDK0,0012 | NDLODON2 | 2,002 | 0.008 | 0,005 (m) | | - | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan | cv Clearance Criteria | | Relinquished by: | 5 for male | Date_ | 6/13/19 1 | ime | |
| 0.10 f/cc – OSHA Permissible 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 | rwa) | Received By: | lilla | Date | 6/14/19 1 | ime | |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/ | the limit of detection | | Relinquished by: | | Date | 1 | ime | |
| TRC Laboratory Asbestos Anal | vtical Certifications: | | Received by Lac | oratory: | Date | | ime | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | | QC Reco | int | |
| TX # 300354 VA # 333300028 | 3 VT # AL910359 WA | / # LT000597 | AIHA Registry Program | ns Asbestos Analyst Reg | gistry /52 | FB/FL A | 1alyst/Date Field/Lab | |
| Results relate only to the sample | Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm ² . | | | | | | | |

| AIR SAMPLE / | VNAL VEIC | | 11.70 | 1 20000 - | al la | 11/10 | Supersedes Pre- | vious Edi |
|---|--------------------------|------------------|------------------------------|----------------------|---------------------------------------|------------------------------------|---------------------|--------------|
| | 11ML 1010 | | roject No.: <u>メルク17</u> | 11.000 AB, 00 | Date: | 10/11 | _ Page <u>30</u> | _of <u>2</u> |
| |) | Sa | ampler Print: <u> (e@</u> | Marchiney | Signature: d | yn malen | _ Date: | 16]] |
| site: <u>E3 Station</u> E | > | Ar | nalyst Print: Tyler | Mechallinery [| Signature: | FM Marty | _ Analyzed: _(| 15/1 |
| Address: 510 Gran | d Ave | QI | C Analyst Print: | Allianso | - Signature: A | VII - | Date Analyzed: / | alia |
| New Hoven, C | Γ | La | ab Supervisor Print: | YW Illiams | ر Signature: _ | les- | Date | |
| Contact/Name:Kor | ney Phone: | R | otometer No.: | 25 | Date of Cali | pration: 5/20/14 | lah No 🖌 | -385 |
| Relative Standard Devi | ation (Sr) | м | icroscope No. 📿 | 2002 | Received in Lab fr | r Analysis: 🗋 🤇 | $-\frac{1}{2}$ | ~ 0 0 |
| Range Fibers/fieldsIntra-lab S<20/100 | Sr Inter-lab Sr 0.517 S | ample Type: PCM | 129 TEM □ Other: | Analysis | Method: NIOSH 74 | 00 ≿a∓ Ahera ⊓ | l Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 0.387 | | Type of S | ample: 1. Background | lssue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. | Personal 6. Clea | arance |
| Sample No. | 156 | 157 | 158 | 159 | 160 | 161 | 162 | |
| Sampling Location/Comments | Reg Area South | Reg Area | Reg Area | Kitchen | Kitchen | SB | FB | |
| Type of Sample | 1 | | | l | CIMICAL | <u> </u> | <u> </u> | |
| Pump Number | 1 | 2 | 3 | <u> </u> | 5 | \rightarrow | + - | |
| Start Time/Stop Time | 8:15 1:35 | 8:15 1:35 | 8:15 1:35 | 815 310 | 8:15 3:20 | | | + |
| Total Time (min) | 320 | 320 | 320 | 425 | 425 | | $+- \forall$ | |
| Flow Rate | 33 | 3 3 | 3 3 | 3 3 | 3 3 | | | |
| Total Volume (I) | 960 | 940 | 960 | 1275 | 1275 | | | |
| FB BFB FL BFL | 9/100 | 7/100 | 5/100 | 6/100 | 12/100 | 0/100 | 9/100 | |
| Filter Fiber Conc. (fibers/mm²) | 11.46 | 8,91 | 6.36 | 7.64 | 15.28 | ~ | | |
| Airborne Fiber Conc. (fibers/cc) | 0.00415 | 0.0034 | NDC0,0073 | 0.007 | 0,0045 | | | |
| STANDARDS <0.01 f/cc - EPA ReOccupan | icy Clearance Criteria | | Relinquished by: | Sper mad | Date | 6/13/19 | Time | |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. ' | TWA) | Received By: | <u>lila</u> | Date_ | 6/14/19 | Time | ල |
| ND< - Non Detected, less than | n the limit of detection | | Relinquished by | | Date | | Time | |
| TRC Laboratory Asheetos Anal | vtical Cartifications: | ļ | Received by Lab | ooratory: | Date_ | · | Time | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #050 | 11 MA # AA000052 | Condition of Samples | ^ | | QC Rec | ount | _ |
| wi⊏ #LA—0075 NJ#CT004 N | Y#10980 RI#AAL- | 007 | Comments | | Sample No. | FB/FL | Analyst/Date | Field/ |

| TRC | 21 Griffin Road North Mindsor, CT 06095, 8 | 60 208 0602 | | | | | Edition: August 2018 |
|---|--|--|---|---|---|-------------------------------|--|
| AIR SAMPLE A | NALYSIS | | rolant No. 2/03 | 951 anna a | al a la | 16/19 | Supersedes Previous Edition |
| Client: UI | | | ampler Print: Jula | Marlullum | Date: | homeling | _ Page <u>31</u> of <u>31</u> |
| site: ES Station | В | Ot | nalyst Print: Tyle | Machillu Say AAR | Signature: LID: Signature: | he Martina | _ Date: Date Analyzed: /0/7//9 |
| Address: 50 Gran | d Ave | Q(| C Analyst Print: | Villiamson | Signature: | 11/- | Date Analyzed: in/in/in |
| New Hoven, CT | | La | ab Supervisor Print: 🖌 | Kelliamso | ∽_ Signature: ∦ | 11/0- | Date |
| Contact/Name: MrKar | 1/2-/ Phone:_ | R | otometer No.: | -25 | Date of Calibr | ation: 5/29/10 | 1 Jah No 63888 |
| Relative Standard Devia | ition (Sr) | M | icroscope No. 2 | 2002 R | eceived in Lab for | Analysis [,] | $\frac{r}{2} \operatorname{Lab} \operatorname{NO}_{-} - \frac{3}{2} \operatorname{SO}_{-}$ |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | mple Type: PCM | K TEM □ Other: | Analysis M | ethod: NIOSH 7400 | ¥∕ AHERA | □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background 2 | lssue 2 8/15/9 . Prep. 3. Work Area 4, | 4 A rules Environmental 5. | Personal 6. Clearance |
| Sample No. | 163 | 164 | | | | ··· <u>/2</u> ··· | |
| Sampling Location/Comments | NW Rog Brez | NE Reg Arez | | | | | |
| Type of Sample | 1 | 1 | | | · | | |
| Pump Number | 1 | 2 | | | | | |
| Start Time/Stop Time | 1:40 3:05 | 1:40 3:05 | | | f_ | | |
| Total Time (min) | 85 | 85 | | | | | |
| Flow Rate | 3 3 | 33 | | | | | |
| Total Volume (I) | 255 | 255 | | | | <u> </u> | |
| FB BFB FL BFL | 5/100 | 3/100 | | | | | |
| Filter Fiber Conc. (fibers/mm²) | 6.36 | 3,82 | | | | | |
| Airborne Fiber Conc. (fibers/cc) | "D-009" | 0.005 | 2 | | | <u> </u> | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan | cy Clearance Criteria | | Relinquished by: | Syler Mark M | byDate | 113/19 | _Time |
| 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 ion Level | WA) | Received By: | Mar | Date | 6/14/19 | _Time |
| ND< Non Detected, less than Limit of Detection 5.5 fibers/1 | the limit of detection | | Relinquished by: | | Date | | _Time |
| TRC Laboratory Asbestos Anal | /tical Certifications | | Condition of Samulary | oratory: | Date | | _Time |
| AZ # AZ0944 CT#PH-0426 HI | #L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | | QC Re | eount |
| TX # 300354 VA # 333300028; | 3 VT # AL910359 WN | /#LT000597 | Comments: | Is Ashestos Analyst Pagie | Sample No. | FB/FL | Analyst/Date / Field/Lab |
| Philadelphia # 461 AIHA II Results relate only to the sample | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabili | Organization ID: 10012 ity of the laboratory's results | 2 is limited to the FB/mm ² . | | 4//0- 1 | ur 0/19/19 1 Cab |

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|--|--|-----------------------------|-----------------------|-------------------------|---------------------------------------|------------------------------------|-----------------------------|--|
| AIR SAMPLE A | ANALYSIS | | Diect No: 2/239 | 51.00023.00 | 221 224 10 | 17/19 | Supersedes Previous Edition | |
| Client: <u>UI</u> | | Sa | ampler Print: Tyle | ~ Mathilum | <u>Signaturo</u> | Valaethant 1 | Page 52 of 52 | |
| site: ES Station | B | Ar | alyst Print: Tyle | « MacGallway | R ID: Signature: | The Maren | Date: 0/7/14 | |
| Address: 50 Gr | and Are. | Q(| C Analyst Print: | 11/11/10m | Signature: | VII. | Date | |
| New Hoven, C | Γ | La | b Supervisor Print: | Verilliam | ≤ <u>∽</u> > Signature: _/ | Mesta | Date | |
| Contact/Name: <u>M. ko</u> | ncy Phone: | Ro | otometer No.: L- | 25 | Date of Calil | pration: E/AG/14 | Lah Na (2660 | |
| Relative Standard Devi | ation (Sr) | Mi | croscope No. 2 | 2002 | Bate of Gain | | $COntrol = \overline{C}$ | |
| Range Fibers/fields Intra-lab S <20/100 | a Inter-lab Sr 0.517 Sa | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 74 | 00 🏹 AHERA 🗆 | l⊂ Onlyazi ∣ Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 0.387 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. | Personal 6 Clearance | |
| Sample No. | 165 | 166 | 167 | 168 | 169 | 170 | | |
| Sampling Location/Comments | Reg Area Int | Roy 2702 | Reg arca | Kitchen Decon | kitchen Cotical | 5B | FB | |
| Type of Sample | | 1 | 1 | 1 | | | | |
| Pump Number | l | 2 | 3 | 4 | 5 | $ \land /$ | | |
| Start Time/Stop Time | 8:00 3:00 | 8:00 3:00 | 8:00 3:00 | 8:00 3:00 | 8:00 3:00 | | | |
| Total Time (min) | 420 | 420 | 420 | 420 | 410 | $-\times$ | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | 3 3 | 3 3 | | | |
| Total Volume (i) | 1260 | 1260 | 1260 | 1260 | 1260 | / | | |
| FB BFB FL | 7/100 | 14/100 | 10/100 | 6/100 | 5/100 | 0/160 | 2/100 | |
| Filter Fiber Conc. (fibers/mm ²) | 8,91 | 17.83 | 12,73 | 7.64 | 6.36 | | - | |
| (fibers/cc) | 0.0023 | 0.005 | 0.004 | 0.002 | NDL0:002 | ~ | - | |
| STANDARDS <0.01 f/cc - EPA Re-Occupan | cy Clearance Criteria | | Relinguished by: | For Mars | Date | 6/13/14 | Time | |
| 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 sion Level | TWA) | Received By: | lilie | Date | 6/14/19 | Time | |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/1 | the limit of detection 00 fields | | Reinquished by: | | Date | | Time | |
| TRC Laboratory Asbestos Anal | ytical Certifications: | | Condition of Samples | | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N | # L-09-004 LA #0501 Y # 10980 RI # AAL | 11 MA # AA000052 007 | Acceptable: Y | N | Samula No. | QC Rec | ount | |
| TX # 300354 VA # 333300028 Philadelphia # 461 AIHA II | 3 VT # AL910359 WA | ✓ # LT000597 PAT# 100122 | AIHA Registry Program | ns Asbestos Analyst Reg | jistry | | Maryst/Date Field/Lab | |
| Results relate only to the sample | Results relate only to the samples tested, as received by the laboratory. Verifiability of the laboratory's results is limited to the FB/mm ² . | | | | | | | |

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|---|---|---|---|--|---|------------------------------------|---|
| AIR SAMPLE | NALYSIS | | niect No. 2123 | 751 02028 00 | pi para lal | 10/19 | Supersedes Previous Edition |
| Client: UI | | Sa | moler Print Tele | Mallalling | | A. Malla | _ Page <u>50</u> of <u>50</u> |
| site: ES Station | B Kitchen | An | alyst Print: | Machillurray AA | RID: Signature: | Mar Mars | Date: <u>Chiefiel</u> Date Analyzed: Chiefie |
| Address: <u>50 Grav</u> | nd Ave | Q(| CAnalyst Print: | Unlamso. | Signature: | 1111- | Date Analyzed: |
| New Hoven, C | 7 | La | b Supervisor Print: | 1/11/hams | signature: | Vula | |
| Contact/Name: <u>// ko</u> | mey Phone: | Ro | tometer No.: H | -25 | Date of Calil | pration: | Lab No 53.888 |
| Relative Standard Devi | ation (Sr) | MI | croscope No | 2002 | Received in Lab fo | or Analvsis: □ | 0C Only: 2 |
| Range Fibers/fields Intra-lab S <20/100 | nier-lab Sr 0.517 Sa | ample Type: PCM | TEM 🛛 Other: _ | Analysis | Method: NIOSH 74 | 00 🌶 AHERA | □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. | Personal 6. Clearance |
| Sample No. | 172 | 173 | 174 | 175 | 176 | 177 | 178 |
| Sampling Location/Comments | Est | West | North | Sauth | Center | SB | - FB |
| Type of Sample | 6 | 6 | 6 | 6 | | | |
| Pump Number | l | 2_ | 3 | 4 | 5 | $ \land /$ | |
| Start Time/Stop Time | 8:34 9:54 | 3:34 9:54 | 8:34 4:54 | 8:34 9:54 | 8:34 9:54 | | |
| Total Time (min) | 80 | ୫୦ | 80 | 80 | 80 | -X | -X |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 15 | 15 15 | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 10/100 | 11/100 | 9/100 | 5/100 | 7/100 | 2/100 | 0/100 |
| Filter Fiber Conc. (fibers/mm ²) | 12.73 | 14.01 | 11.46 | 6.36 | 8.91 | 5 - | |
| (fibers/cc) | 8.004 | 0.004 | 0.2034 | NO40.002 | 0.0023 | - | - |
| STANDARDS <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less thar Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. 3 sion Level 1 the limit of detection 00 fields | TWA) | Relinquished by Received By: Relinquished by Received by Lat | Sofer Mars Al | DateAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 6/13/19 | _Time |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 | ytical Certifications: # L-09-004 LA #0501 Y # 10980 RI # AAL– 3 VT # AL910359 WM | 11 MA # AA000052 007 V # LT000597 | Condition of Samples: Acceptable: Y Comments: | N | Sample No. | QC Rec | _ I Ime |
| Philadelphia # 461 AIHA I Results relate only to the sample | HLAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabilit | Organization ID: 10012 y of the laboratory's result | s is limited to the FB/mm ² | yisuy <u>(7.)</u> | 1/180 | www.14/19 lab |

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|---|---|---|---|--|---------------------|-------------------------------|------------------------------|---------------------------------|--|
| AIR SAMPLE A | NALYSIS | REPORT P | roject No.: 2639 | 151.00028, e | Doal Da | ite: 6/10 | P/19 | Page 34 | of 34 |
| Client: UI | | S | ampler Print: Ty & | Mallothuran | Sig | nature: 7 | for Maley | - Date: (9 | 10/19 |
| site: ES Station | B West 5 | Me Windows A | nalyst Print: Tyles | Madalluray A | AR ID: | nature: | be Marling | Date Analyzed: | 6/10/14 |
| Address: <u>510 Cranc</u> | Ave | 0 | C Analyst Print: | Allams | Sig | nature: / | 11- | Date Analyzed: | 10/14/19 |
| New Hoven, C | 7 | Li | ab Supervisor Print: | V Millian | حريج Sig | nature: | 1/c | Date | 114/19 |
| Contact/Name: <u>MKcsn</u> | Men Phone: | R | otometer No.: | -25 | Da | te of Calibr | ation: <u>5/20/</u> | A Lab No. | 53888 |
| Relative Standard Devis | ation (Sr) | Ŵ | licroscope No | 12002 | _ Received | in Lab for | Analysis: 🛛 | QC Only: 12- |) |
| Range Fibers/fieldsIntra-lab S<20/100 | ir Inter-lab Sr 0.517 Sa | ample Type: PCN | i 🗶 TEM 🗆 Other: | Analysi | s Method: | NIOSH 7400 | | □ Other: | • •• • • • • • • • • • • • • • • • • • |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | mple: 1. Backgrour | nd 2. Prep. 3. | ssue 2 8/15/9 Work Area 4. | 4 A rules Environmental = | 5. Personal 6. Clo | arance |
| Sample No. | 174 | 120 | 181 | | | | | | |
| Sampling | Reg Area | Rey Ara | Reg Area | | | | | | |
| Type of Sample | Int | West | South | | | | | | |
| Pump Number | | 2 | | | | | | | ••• |
| Start Time/Stop Time | 9:00 3:15 | 4:00 3:15 | 00 215 | | | | | | |
| Total Time (min) | 375 | 375 | 375 | | | h | | 1 | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | | | | |
| Total Volume (I) | 1125 | <u>1125</u> | 1125 | | | l | | | |
| FB BFB FL BFL | 8/100 | 3/100 | 5/100 | ~ | | | | | |
| Filter Fiber Conc. (fibers/mm ²) | 10.19 | 3.82 | 6.36 / | | | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | NO< 0.002 | ND60.002 | 2 | , | | | | |
| STANDARDS | ncy Clearance Criteria | | Relinquished by: | 15 Apr Ma | Ang | Date | 6113/19 | Time | |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr.) | TWA) | Received By: | les la | | Date | 0/14/19 | Time 4 | 0807) |
| ND< - Non Detected, less that Limit of Detection - 5.5 fibers/ | n the limit of detection | | Relinquished by: | | | Date | · | Time | |
| TRC Laboratory Asbestos Ana | vtical Certifications: | | Condition of Samples: | oratory: | | Date | <u>-</u> | Time | |
| AZ # AZ0944 CT#PH-0426 H | # L-09-004 LA #050 | 11 MA # AA000052 | Acceptable: Y | N N | r | Sample Mat | | ecount | 1 17:-1.121 1 |
| TX # 300354 VA # 33330028 Philadelphia # 461 AIHA I Results relate only to the sample | 3 VT # AL910359 W HLAP # 100122 AIHA ss tested, as received b | -007 V # LT000597 \ PAT# 100122 y the laboratory. Verifiab | AIHA Registry Progran Organization ID: 10012 Illty of the laboratory's result | ns Asbestos Analyst F 2 s is limited to the FB/m | Registry | | | | |

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| | | 21 Griffin Road North | Ø | 3 hr Fi | AT# | | | | | | | | |
|---------------------|---|--|--|-----------------------------------|---------------------------------------|-----------------|-----------------------|------------|-------------|-------------------|------------------|------------------------|--------------|
| A | V IRC | Windsor, CT 06095 8 | 60-298-9692 | | | | | | | Edition Supers | i: August | i 2018 evious Editi | rion |
| 2 X X | AIR SAMPLE | ANALYSIS | REPORT Pr | oject No.: 36 | 3951,00 | 28.00 | Date: | 6/1 | 1/19 | Pac | _{1e} 35 | of 3' | 5 |
| Ś | Client: <u>U</u> | | Sa | mpler Print: <u></u> | ler Macl | allivay | Signat | ture: Ju | ler Male | Date | | 11/19 | <u> </u> |
| -t-J-z | site: ES Station | B West sid | le An | alvst Print: | | AAR | <u>CID:</u> Signat | ture: | | Date |))) | | |
| nste | Address: 50 Grav | nd Ave | Q(| C Analyst Print: | | hina car ya yan | Signal | turo: | | Date | 1yzeu 3 | . <u></u> | |
| | New Haven (| 21 | | - O | | | | uie | | Ana Date | iyzea: _ e | | |
| يد م | | | | b Supervisor Prin | t: | | Signat | ture: | | Issu | ed: | | |
| E CH | Contact/Name: <u>/1, Nor</u> | <u>/ Phone: </u> 2 | <u>369-940-4595</u> Ro | tometer No.: | 6-20 | | Date o | of Calibi | ration: | Lab | No: | 53887 | 8 |
| ۰ ۱ ر | Relative Standard Devia | ation (Sr) Sr Inter-lab Sr | MI | croscope No | · · · · · · · · · · · · · · · · · · · | R | eceived in | Lab for | Analysis: (| 🗆 QC On | ıly:₩- | | |
| Ŷ | <20/100 0.520 20.5 to 50/100 0.352 | 0.517 Sa | ample Type: PCM | TEM S Other: | | Analysis M | ethod: NIC | OSH 740 | | RA 🗆 Oth | er: <u>T</u> E | <u>M 740</u> | 2 |
| ŝ | >50/100 0.295 | 0.387 | | Туре о | f Sample: 1. E | ackground 2. | . Prep. 3. Wor | rk Area 4. | Environment | al 5. Person | al 6. Cie | arance | |
| ≊µ | Sample No. | 182 | 183 | 184 | | | <u> </u> | | | | | | |
| Pla | Sampling Location/Comments | Reg Arez | Keg sres South | Reg Arez | | | | | | ·, | | | A |
| - ~ }' | Type of Sample | l | | 1 | | | _ <u></u> | <u> </u> | | | | | |
| æ | Pump Number | 1 | 2 | 3 | - | | | | | | | | |
| 1 | Start Time/Stop Time | 7:50 3:20 | 7:50 3:20 | 7:50 3:20 |) | | | | | i | | | 1- |
| لأل | Total Time (min) | 450 | 450 | 450 | | | | | | | | | • |
| 31 | Flow Rate | 3 3 | 3 3 | 33 | · · · · · · · · · · · · · · · · · · · | | | | | | <u> </u> | | L L |
| 3 | Total Volume (I) | 1350 | 1350 | 1350 | | | | ME (| BEIV | EN - | | | C] Barra |
| 2 | FB BFB FL BFL | 48/100 | 52/100 | 56/100 | | | | UL M | N 1 2 2019 | | <u></u> | | ₹ ¢ |
| 120 | Filter Fiber Conc. (fibers/mm ²) | 61.14 | 66.24 | 71.33 | | | | | 1 10:0 | 5ûm | | | × |
| Inal | Airborne Fiber Conc. (fibers/cc) | 0.017 | 0.018 / | 0,020 | / | | ter | | | | | | |
| X | STANDARDS | | | Relinguished I | V: Syle | a Mon | Film | | 10/12/19 | | 10:0 |] < | |
| | 0.10 f/cc - CSHA Permissible I | cy Clearance Criteria Exposure Limit (8 hr. T | WA) | Received By: | The | <u></u> | | Date | 6/14/10 | າເມືອ ອີ Time | 08 | లాల | <u> </u> |
| | ND< - Non Detected, less than | ion Level the limit of detection | | Relinquished I | ру: | | | Date | | Time | | | |
| L | Limit of Detection – 5.5 fibers/1 | 00 fields | | Received by L | aboratory: _ | | | Date | | Time | | | |
| | AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Sample Acceptable: Y | s: N | | | | 00 | C Recount | | | |
| | TX # 300354 VA # 3333000283 | Y#10980 RI#AAL(3 VT#AL910359 W/\ | 007 / # LT000597 | Comments: | ams Asheetos | Analyst Pagia | Samp | ple No. | FB/FL | Analyst/ | Date | Field/Lab | <u>〕</u> |
| | Results relate only to the samples | HLAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 100 | 122 Ulte is limited to | the ED/mm? | ···· y | | | | | | |
| | - 1 | - 11. 1 | M.K. | | | uie Fo////// | _ | h | 2 | | 332 | | |
| | Ewar | Tesury to | > / resche | y @ TILCOM | ponies. | com / | TMəçqi | muray | () trees | mpania | :5.0 | om | |

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|--|---|--|--|--|---|------------------------------------|--|
| AIR SAMPLE / | NALYSIS | | rolect No. 2/39 | K1.00078.00 | al a la | 117/19 | Supersedes Previous Edition |
| Client: UI | | S: | | a Mail Mu | | The Malle | Page <u>36</u> of <u>36</u> |
| site: ES Station | B | Ar | nalyst Print: Tyler | Machilway | A <u>R ID:</u> Signature:] Signature: | ster Mailing | Date Date Analyzed: 6/13/19 |
| Address: <u>510 Gra</u> | nd Ave | Q(| C Analyst Print: | 11/11ana | Signature: | 11 | Date |
| New Haven, | CT | La | ab Supervisor Print: | Verilliams | Signature: 4 | here here | Date -Issued: <u>6/14/19</u> |
| Contact/Name: <u>M.Kcsn</u> | <u>n∉∕</u> Phone:_ | Ro | otometer No.: | 25 | Date of Calil | pration: 5/20/17 | Lah No 53508 |
| Relative Standard Devia | ation (Sr) | M | icroscope No | 2002 | Received in Lah fo | n Analveis: 🗍 📿 | $\frac{1}{2} = \frac{1}{2} = \frac{1}$ |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | ≫ TEM □ Other: | Analysis | Method: NIOSH 74 | 00 Xar Ahera m | C Ony: ₩ |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4 Environmental 5 I | Personal & Classense |
| Sample No. | 182 | 83 | 184 | PR5 | 186 | 127 | |
| Sampling | Rog Arez | Rog Arca | RogArez | NW side | NE side of | 107 | 189 |
| Location/Comments | South | Inf | West | of Grand Are | Grand Arce | FB | SB |
| Type of Sample | 1 | l | 1 | 1 | 1 | | |
| Pump Number | 1 | 2 | 3 | 4 | 5 | \sim | |
| Start Time/Stop Time | 8:30 3:20 | 8:30 3:20 | 8,30 3.20 | 12:36 3:20 | 12:36 3:20 | | |
| Total Time (min) | 410 | 410 | 410 | 164 | 164 | | |
| Flow Rate | 3 3 | 33 | 3 3 | 3 3 | 2 2 | | + + |
| Total Volume (I) | 1230 | 1230 | 1230 | 492 | 492 | | |
| FB BFB FL BFL | 6/100 | 4/100 | 8/100 | 5/100 | 29/100 | 9/100 | 0/170 |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 5.09 | 10.19 / | 6.39 | 25.47 | - | - |
| (fibers/cc) | 0.002 | 0.002 | 0.003 | 0.005 | 0,019 (20 | | |
| STANDARDS <0.01 f/cc – EPA ReOccupant | cv Clearance Criteria | | Relinquished by | : Jen Massa | Date | 6/13/14 | Time |
| 0.10 f/cc ~ OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. 1 ion Level | rwa) | Received By: | Real and a second secon | Date_ | 6/14/19 | Time |
| ND< - Non Detected, less than | the limit of detection | | Relinquished by | · | Date | | Time |
| TRC Laboratory Asbestos Analy | vitical Cartifications: | | Received by Lab | ooratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | #L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | - | QC Reco | unt |
| TX # 300354 VA # 3333000283 | 1#10980 RI#AAL 3 VT#AL910359 W1 | 007 √ # LT000597 | Comments: | TIS Ashestos Analyst Do | Sample No. | FB/FL A | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA II- Results relate only to the sample | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 / the laboratory. Verifiabilit | Organization ID: 10012 | 22 is is limited to the ER/mm ² | | - <u>3//00</u> L | w 4/14/14 Lab |
| fibers/cc) STANDARDS <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible & 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 RC Laboratory Asbestos Analy X # AZ0944 CT#PH–0426 HI /IE # LA–0075 NJ # CT004 NI X # 300354 VA # 333300028 /biladelphia # 461 AIHA IF Results relate only to the sample | cy Clearance Criteria Exposure Limit (8 hr. 3 ion Level the limit of detection 00 fields vitical Certifications: # L-09-004 LA #0501 Y # 10980 RI # AAL- 3 VT # AL910359 WA ILAP # 100122 AIHA s tested, as received by | IVVA) IVVA) I1 MA # AA000052 007 V # LT000597 .PAT# 100122 (the laboratory. Verifiabili | Relinquished by Received By: Relinquished by Received by Lat Condition of Samples: Acceptable: Y Comments: AIHA Registry Program Organization ID: 10012 by of the laboratory's result | 0.005 | 0.019 0.020 DateDateDate DateDate DateDateDateDate | QC Recc FB/FL 3/100 | Time Tield/Lab |

| TRC | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | | Edition: Augue | it 2018 |
|---|---|---|---|--|---|--------------------------------|---|-----------------|
| AIR SAMPLE | ANALYSIS | | niect No. 263 | 51.00028. | 756] D | lizlia | Supersedes Pr | evious Edition |
| Client: UI | | Se | ampler Print: TV/c | Mail Murc | Date: <u>V</u> | Tals Mach | Page <u> </u> | _ of <u>6/_</u> |
| site: ES Station E | West Side | Windows Ar | nalyst Print: | Madallway A | AR ID: Signature: | the Mass | Date: <u>2</u> Date Analyzed: | 61 131 19 |
| Address: <u>510 60</u> | and Ave | Q(| C Analyst Print: | lestionso | - Signature | 111 | Date | intra lin |
| Now Hoven, | CT | La | b Supervisor Print: | VII Illams | ے Signature: مرے | Mar - | Date | 6/28/19 |
| Contact/Name: <u>M.kow</u> | Phone:_ | Ro | otometer No.: | 1-25 | Date of Calib | vration: 5/22 | | -20118 |
| Relative Standard Devi | ation (Sr) | M | icroscope No. 🧿 | 2002 | Received in Lab fo | ur Analysis: 🗆 | | 20-140 |
| Range Fibers/fieldsIntra-lab S<20/100 | or Inter-lab Sr 0.517 | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 740 |)0 287 AHERA | Office O | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample 1. Background | /lssue 2 8/16 پر 2. Prep. 3. Work Area | 94 A rules 4. Environmental | 5 Personal 6 Ck | |
| Sample No. | 189 | 190 | 141 | 192 | 19.2 | | | |
| Sampling | West Windows | West Windows | West Windows | I D | CD | | | |
| Location/Comments | Reg South | Reg West | Reg Arra Int | ГБ | JOD | | | |
| Type of Sample | l | <u> </u> | 1 | | | | | |
| | 1 | 2 | 3 | \square | | ····· | | |
| Start Time/Stop Time | 8.05 3.26 | 3,05 3,26 | 8:05 3:24 | | | | | |
| Total Time (min) | 441 | 441 | 441 | | | · • • • | | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | | ····· |
| Total Volume (I) | 1323 | 1323 | 1323 | | | | | |
| FB BFB FL BFL | 8/100 | 8/100 | 6/100 | 0/100 | 0/100 | | | |
| Filter Fiber Conc. (fibers/mm ²) | 10,19 | 10.19 | 7.64 | ugen. | _ | | | |
| (fibers/cc) | 0.0073 | 0.0023 | 0.002 | | | | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less thar Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. 1 sion Level the limit of detection 00 fields | ™A) | Relinquished by: Received By: Relinquished by: | John Mat | DateDateDate | 6126/19 | Time Time Time | 900 900 |
| TRC Laboratory Asbestos Anal | ytical Certifications: | | Condition of Semplos | | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N | #L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | Ń | | QC R | ecount | <u></u> |
| TX # 300354 VA # 333300028 Philadeiphia # 461 AIHA II Results relate only to the sample | 3 VT # AL910359 WV HLAP # 100122 AIHA s tested, as received by | / # LT000597 PAT# 100122 r the laboratory. Verifiabilit | AIHA Registry Program Organization ID: 10012 by of the laboratory's results | ns Asbestos Analyst Re 2 s is limited to the FB/mm | 2 Sample No. | FB/FL | Analyst/Date | Field/Lab |

| >TRC | 21 Griffin Road North Windsor, CT 06095_8 | 60~298-9692 | | | | | Edition: August 2018 |
|---|---|---------------------------------------|---|---|---|-----------------------------------|---|
| AIR SAMPLE A | ANALYSIS | REPORT P | roject No 26 | 3951. 00029 | and Dates 1 | //// Ia | |
| Client: UI | | S S S S S S S S S S S S S S S S S S S | ampler Print Tyl | ~ Machadlar | Date. | Che mark | |
| site: ES Station 1 | B North W | indows A | nalyst Print: <u>/</u> | (Marlelling | AR ID: Signature: | Sky Nors | Date: <u>6/14/14</u> Date Analyzed: 6/14/14 |
| Address: <u>50 Gran</u> | nd Avre. | Q | C Analyst Print: | Williamso | Signature: | lece | Date — Апаlyzed: <u>6/28/19</u> |
| New Havon, 1 | CT | Li | ab Supervisor Print: | Williams | <u>تحمہ</u> Signature: | lea | Date tssued:/28 /19 |
| Contact/Name: <u>M.Kor</u> l | Mey Phone: | R | otometer No.: <u> </u> | -25 | Date of Calil | pration: Slad | 14 Lab No. 53948 |
| Relative Standard Devia | ation (Sr) | M | icroscope No | 22002 | Received in Lab fo | or Analysis: 🗍 | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 St | ample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 74 | 00 🌫 AHERA | □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5 | Personal 6 Clearance |
| Sample No. | 144 | 195 | 196 | 197 | 106 | | |
| Sampling | NE Window | NW Window | Int Lindow | | 10 | <u> </u> | |
| Location/Comments | Reg Arez | Rug Area | Reg Area | <i>FB</i> | SB | | |
| Type of Sample | l | 1 | | | | r | |
| Pump Number | 1 | 2 | 3 | | | | |
| Start Time/Stop Time | 8.05 3:00 | 8:05 3:00 | 8:05 3:20 | | | ······ | |
| Total Time (min) | 415 | 415 | 415 | | | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 126045 | 1260 45 | 126045 | | | <u> </u> | |
| FB BFB FL BFL | 14/100 | 16/100 | 7/100 | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 17.83 | 20.38 | 8.91 | - | - | | |
| Airborne Fiber Conc. (fibers/cc) | 0.0036 | 0.006 | 0.0023 | - | - | | |
| STANDARDS | | | Relinquished by | Saler male | V Date | 6126/14 | Time 17:00 |
| 0.10 f/cc - OSHA Permissible I | Exposure Limit (8 hr. 3 | TWA) | Received By: | lece | Date | 6/27/19 | |
| ND< – Non Detected, less than | sion Level 1 the limit of detection | | Relinquished by | : | Date | | |
| Limit of Detection – 5.5 fibers/1 | 00 fields | | Received by Lat | ooratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | ytical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples | N | | OC Pa | eounf |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 | Y # 10980 RI # AAL | 007 | Comments: | ······································ | Sample No. | FB/FL | Analyst/Date Field/Lab |
| Philadelphia # 461 AIHA II | HLAP # 100122 AIHA | PAT# 100122 | AIHA Registry Program Organization ID: 10012 | ms Asbestos Analyst Reg 22 | gistry <u>/94</u> | 8/100 | In a/25/A lub |
| Nesults relate only to the sample | s tested, as received by | the laboratory. Verlfiabi | ity of the laboratory's result | ts is limited to the FB/mm ² | ? | t | |

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| AIR SAMPLE | Windsor, CT 06095 8 | 60-298-9692 REPORT D. | niect No: 015 | 3951.00000 | And - 1- | 117110 | Supersedes Previou |
|---|---|--------------------------|---------------------------|---|-----------------------|---------------------------|------------------------|
| Client: UI | and a sheet of the second s | | uper No. | Mael II | <u>(</u> Date: | 1 Malle | Page <u></u> or |
| The all | | 3a | impler Print: | <u>s rodanived</u> | Signature: _7 | Jan Mall | 2 Date: |
| Site: ED Otation | D North | Windows An | alyst Print: <u>Tylc(</u> | Machillimoy | Signature: | Enler Mat | Date |
| Address: 50 GO | nd Are | 00 | CAnalyst Print: V | e alle | 0: | 0 | Date |
| New House | (T | | | 10 1 | Signature: | 1. | Analyzed: <u>(a/)</u> |
| | | La | b Supervisor Print: | Williams | 🖳 Signature: 🖉 | un | tssued:/2 |
| Contact/Name: M. Kez(r | <mark>∿∿∕</mark> Phone:_ | Ro | otometer No.: | 25 | Date of Calif | ration: 6/20 | THE Lab No CZ |
| Relative Standard Devi | iation (Sr) | Mi | croscope No. | 12002 | Pecolved in Leb fe | | |
| Range Fibers/fields Intra-lab 5 <20/100 | Sr Inter-lab Sr 0.517 Sa | ample Type: PCM | A TEM □ Other: | Analysis | Method: NIOSH 740 | r Analysis;∐)0 ™ ∧uco | |
| 20.5 to 50/100 0.352 | 0.451 | • | / Type of S | ample: 1 Background | Issue 2 8/15/ | 94 A rules | |
| Sample No. | | 100 | | | 2. Prep. 3. Work Area | 4. Environmenta | 5. Personal 6. Clearan |
| Controlling | NE Winday | ANGI latination (| - 201 Tot 1/11/6 | 282 | 203 | | |
| Location/Comments | Res Arez | Dan Ann | Poor Area | FB | SR | | |
| Type of Sample | 1 | 1 | <u>n</u> | | | | |
| Pump Number | <u> </u> | 2 | <u></u> | $ \land $ | | | |
| Start Time/Stop Time | 7:50 15:20 | 750 15:20 | 7:50 15:00 | | | | |
| Total Time (min) | 450 | 450 | 450 | ├ <u></u> | ⊢_X | | |
| Flow Rate | 33 | 33 | 3 2 | | | | |
| Total Volume (I) | 1350 | 1350 | 1356 | | | | <u> </u> |
| FB BFB | 10/100 | 12/ | 0 | | ¥ | • | |
| FL BFL | 10/100 | 12/100 | ଅ/ାର୍ଚ୍ଚ | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm²) | 12.73 | 15.28 | 10.19 | | - | | |
| Airborne Fiber Conc. (fibers/cc) | 3.0074 | 0.004 | 0.0023 | ~ | - | | |
| STANDARDS | | | Relinguished by | Total May | Date | 10/2/01/19 | Time 17.0 |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. 1 | WA) | Received By: | Le_ | Date | 6/27/19 | |
| ND< - Non Detected, less than | sion Level In the limit of detection | | Relinquished by | | Date | | |
| Limit of Detection - 5.5 fibers/1 | 100 fields | | Received by Lat | poratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | lytical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: | N | | 00 | Dasount |
| ME # LA-0075 NJ # CT004 N | Y # 10980 RI # AAL- | 007 | Comments | IN | Sample No | | Analyst/Data IC: |

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| | ANALYSIS | S REPORT PI | oject No.: 263 | <u>151. 00023. 08</u> | 01 Date: 6/1 | 3/19 | Page <u>40</u> of |
|--|--------------------------|-------------------|--------------------------|-----------------------|---------------------------------------|---------------------------------------|---|
| | | Sa | ampler Print: | · Mallalluray | Signature: 💆 | <u> An Mais</u> | 2_ Date: 10/13/19 |
| Site: ED Station | 13 North | Nimbers AI | nalyst Print: <u>544</u> | low the f | Signature: | der make | Analyzed: 6/18 |
| Address: 510 Gran | d Ave | Q | C Analyst Print: | Allamson | ⇒ Signature: ∕ | 11/1 | Date |
| Now Hoven, CT | [| La | b Supervisor Print: | Williamso | Signature: <i>L</i> | luc | Date Issued: /o/28/ |
| Contact/Name: <u>M, Kon</u> | My Phone | R | otometer No.: | -25 | Date of Calil | pration: 21/2 | K Lah No CZE |
| Relative Standard Devia | ation (Sr) | м | icroscope No | 2002 | Received in Lab fo | r Analysis 🖂 | |
| Kange Pribers/nerds Intra-tab S <20/100 | or Inter-lab Sr 0.517 | Sample Type: PCM | TEM D Other: | Analysis | Method: NIOSH 74 | 00 🕱 AHERA | Official Of |
| <u>20.5 (8 50/100</u> 0.352 <u>>50/100</u> 0.295 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental | 5. Personal 6. Clearance |
| Sample No. | 204 | 205 | 206 | 207 | 208 | | |
| Sampling Location/Comments | Int | NW | NE | SB | FB | | |
| Type of Sample | | 1 | 1 | $\langle \rangle$ | | | |
| Pump Number | 1 | 2 | 3 | $\langle - /$ | | | |
| Start Time/Stop Time | 800 15:05 | 5 800 15:05 | 800 15:05 | | | | |
| Total Time (min) | 425 | 425 | 425 | | — X — | I | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 1275 | 1275 | 1275 | | | | |
| FB BFB FL BFL | 6/100 | 5/100 | 7/100 | 0/100 | Qlian | | |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 6.36 | 8.91 |) - | -7,00 | | |
| (fibers/cc) | 0,902 | NDLBIDD2 | 0,0023 | - | - | | |
| STANDARDS <0.01 f/cc - EPA Re-Occupant | cv Clearance Criteri | a | Relinguished by: | John Mor | Date_ | 6126119 | Time 17:00 |
| 0.10 f/cc - OSHA Permissible E 1.0 f/cc - OSHA 30 min Excurs | Exposure Limit (8 hr. | . TWA) | Received By: | lille | Date | 6/27/19 | |
| ND< - Non Detected, less than Limit of Detection - 5,5 fibers/1 | the limit of detection | n | Relinquished by: | | Date | · · · · · · · · · · · · · · · · · · · | Time |
| TRC Laboratory Asbestos Analy | tical Certifications: | 1 | Condition of Samplas | oratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #050 | 011 MA # AA000052 | Acceptable: Y | Ň | _ | OC R | ecount |

| > TRC | 21 Griffin Road North Windsor, CT 06095 | 1 860-209-0600 | | | | | | |
|---|--|--|--|---|--|----------------------------------|-------------------------|------------------------------|
| AIR SAMPLE | ANALYSIS | | 2.1. | 2061 ADOM | | | Supersedes F | ust 2018 Previous Edition |
| Client: | | | | And the | | 100/14 | Page | 11 of 41 |
| Site: ES Station F | s North W | Indows AI | nalyst Print: Tyle | Marlallway A | Signature: AR ID: Signature: | Sper Mary | ∠ Date: <u>6</u> | <u>2/19/14</u> |
| Address: 50 66 | and Ave | 0 | C Apply at Drints K | RANK M | | The Mas | Analyzed: Date | <u> </u> |
| May Houm | C.T | @ | | Cillamson | Signature: | lece | Analyzed: | 6/28/19 |
| were reading | <u> </u> | La | ab Supervisor Print: | William | Signature: | luca | Date | 10/28/19 |
| Contact/Name: M.Leow | Phone:_ | R | otometer No.: | 1-25 | Date of Cal | ibration: 5/20/ | /// Lab No | -2040 |
| Relative Standard Devi Range Fibers/fields Intra-lab S | ation (Sr) | м | icroscope No | 2007 | Received in Lab f | or Analysis: 🗆 | | 52178 |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 S | ample Type: PCM | TEM Other: | Analysis | Method: NIOSH 74 | 100 🗆 AHERA | GC Only:⊮r \□ Other: | - |
| >50/100 0.295 | 0.387 | | Type of S | ample: 1. Background | lssue 2 8/1 d 2. Prep. 3. Work Area | 5/94 A rules 4. Environmental | 5 Personal 6 C | |
| Sample No. | 204 | 210 | 211 | 212 | 213 | | | |
| Sampling Location/Comments | AVE | NW | INT | SB | FB FB | | | |
| Type of Sample | 1 | 1 | 1 1 | | <u>k</u> | | | |
| Pump Number | l | 2 | 3 | | | | | |
| Start Time/Stop Time | 9:50 15:48 | 4:50 15:42 | 9:50 15:40 | | + $ -$ | <u> </u> | — — — | |
| Total Time (min) | 358 | 358 | 368 | — <u>X</u> — | <u>├─────</u> | <u></u> | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | $+-/_{+}$ | | | |
| Total Volume (I) | 1074 | 1074 | 1070 | \nearrow | | | <u> </u> | |
| FB BFB FLBFL | 6/100 | 8/106 | 5/100 | 2/ian | 0/100 | · | | |
| (fibers/mm ²) | 7.64 | 10.14 | 6,36 | | - | | | |
| Alfborne Fiber Conc. (fibers/cc) | 0.0023 | 0,0034 | NDLO,0023 | ,,,, | | | | |
| STANDARDS | V Clearance Criterio | | Relinguished by: | Lec More | en Date | 10126119 | Time 17 | ligh |
| 0.10 f/cc - OSHA Permissible E 1.0 f/cc - OSHA 30 min Excurs | xposure Limit (8 hr. T | WA) | Received By: | lace | Date | 6/27/19 | | 600 |
| ND< - Non Detected, less than | the limit of detection | | Relinquished by: | · | Date | | | 780 |
| TRC Laboratory Asbestos Analy | tical Cartifications | | Received by Lab | oratory: | Date_ | | Time | <u> </u> |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y | Í. | | | | / |
| TX # 300354 VA # 3333000283 | # 10980 RI#AAL-C VT#AL910359 WV | 007 ' # LT000597 | Comments: | Achasta a tra | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Results relate only to the samples | LAP # 100122 AIHA tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 100122 y of the laboratory's results | is Aspestos Analyst Reg 2 is limited to the FB/mm². | gistry | | | |

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| STRC | 21 Griffin Road North Windsor, CT 06095_8 | 360-298-9692 | | | | | Edition: August 2018 |
|--|--|--|---|---|---|------------------------|---|
| AIR SAMPLE | ANALYSIS | REPORT Pr | No: 2123 | 151 000000 | non pur lat | 70/12 | Supersedes Previous Edition |
| Client: (/I | | Sa | impler Print: Tube | Mailan | | Sol ant | |
| site: ES Station B | North Wir | An An | alyst Print: <u>Tyle</u> | Marbinoy A | AR ID: Signature: | Sole Reso | 2_ Date: <u>0/20/14</u> Date 2_ Analvzed: <i>\0</i> /20/19 |
| Address: 510 Gran | d Are | Q(| C Analyst Print: | Williamso | Signature: | 11. | Date |
| New Hoven, C | Τ | La | b Supervisor Print: | Vel Allan | Signature: 4 | une - | Date Issued: 6/28/19 |
| Contact/Name: M.Kow | <u>hey</u> Phone:_ | Ro | otometer No.: L | -25 | Date of Calil | viation: 5/29 | N Lab No 539/16 |
| Relative Standard Devi | ation (Sr) | MI | croscope No. | 22002 | Received in Lab fo | | $\frac{1}{12} \operatorname{Lab} \operatorname{NO}_{-} = \frac{2}{2} \frac{1}{7} \frac{8}{8}$ |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 St | ample Type: PCM | TEM 🗆 Other: | Analysis | Method: NIOSH 74 | $0 \square AHFRA$ | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ampler 1. Background | Issue 2 8/15/ 2. Prep. 3. Work Area | 94 A rules | E Personal & Classes |
| Sample No. | 214 | 215 | 216 | 217 | 218 | | |
| Sampling Location/Comments | INT | NE | NW | | 216 | | |
| Type of Sample | 1 | 1 | <u> </u> | <u> </u> | | | |
| Pump Number | 1 | 2 | 3 | | $\land \frown $ | . | |
| Start Time/Stop Time | 8:07 15:22 | 8:07 15:22 | 8:07 15:27 | | | · | |
| Total Time (min) | 435 | 435 | 435 | | -X | ,,,,,,, | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | | < |
| Total Volume (I) | 1305 | 1305 | 1305 | \nearrow | | | |
| FB BFB FL BFL | 9/100 | 6/100 | 5/100 | อโเอง | Plias | | |
| Filter Fiber Conc. (fibers/mm ²) | 11.46 | 7.64 | 6.36 | , | - | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 / | 0.002 | 1040,002 | | - | | |
| STANDARDS <0.01 f/cc – EPA Re-Occupan 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. 7 ion Level the limit of detection 00 fields | rwa) | Relinquished by: Received By: Relinquished by: Received by Lab | aratory: | DateAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 6127/19 6127/19 | |
| TRC Laboratory Asbestos Anal AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IF Results relate only to the sample | /tical Certifications: # L-09-004 LA #0501 Y # 10980 RI # AAL-(V T # AL910359 VA ILAP # 100122 AIHA s tested, as received by | 1 MA # AA000052 007 / # LT000597 PAT# 100122 the laboratory. Verifiability | Condition of Samples: Acceptable: Y Comments: AIHA Registry Program Organization ID: 10012 y of the laboratory's results | N Is Asbestos Analyst Reg 2 is limited to the FB/mm ² . | Jate Jistry 2/4 | QC R FB/FL 6/100 | IIMe ecount Analyst/Date Field/Lab Kw w 28/19 Carbo |

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| TRC | 21 Griffin Road North Windsor, CT 06095 / 6 | 360-298-9692 | | | | | Edition: August 2 | .018 |
|---|--|---|---|--|--|----------------------|--------------------------------------|------------------------|
| AIR SAMPLE | ANALYSIS | | Diast No. 263 | 951.00000 d | Jacl - Pl | 2111 | Supersedes Previ | ous Edition |
| Client: UI | | | mplor Brint: Tyle | (Mail Minon | <u> </u> | LUI CH | Page <u>4,3</u> | of <u>45</u> |
| site: ES Station | B East 1 | Vindows An | ampier Print: | (Maebellway A | AR ID: Signature: | the net | Date: <u>60</u> Date Analyzed: | <u>#//9</u> 6/21/01 |
| Address: <u>510 Gra</u> | nd Ave | Q | C Analyst Print: | | | per cer | Date | |
| New Haven, (| CT. | v.v. | | VIII amson | Signature: | 1/ | Analyzed: <u>2</u> Date | 128/19 |
| Contractible M Yest | | La | | 2 C | Signature: | lla | issued: <i>[0]</i> | 28/19 |
| | <u>•7</u> Phone: | Ro | otometer No.: <u> </u> | <u>~~</u> | Date of Calil | pration: <u>Spor</u> | 🖉 Lab No. <u>5</u> | 3948 |
| Relative Standard Devi Range Fibers/fields Intra-lab S | ation (Sr) Sr Inter-lab Sr | Mi | croscope No. 🦯 | 2002 | Received in Lab fo | or Analysis: 🗌 | QC Only: | |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 | ample Type: PCM | TEM 🗆 Other: | Analysis | Method: NIOSH 740 | 0 AHERA | Other: | |
| >50/100 0.295 | 0.387 | | Type of S | ample: 1. Background | . Prep. 3. Work Area | 4. Environmental | 5. Personal 6. Clear | ance |
| | 219 | 220 | 221 | 222 | 223 | | | |
| Sampling Location/Comments | Int | East | South | SB | FB | | · | |
| Type of Sample | 1 | l | 1 | | <u> </u> | · | | |
| Pump Number | l | 2 | 3 | \land | $\land \land $ | | | |
| Start Time/Stop Time | 7:55 15:08 | 7:55 K.08 | 7:55 15:08 | | | | | |
| Total Time (min) | 407 428 | 467428 | 467428 | | -X | · | · | |
| Flow Rate | 3 3 | 3 3 | 33 | | | | | |
| Total Volume (I) | 1401 1284 | 140 1 1284 | 1401 1284 | $/ \ $ | | ·,, | | · |
| FB BFB FL BFL | 7/100 | 9/100 | 13/100 | 0/100 | 0/100 | | | |
| Filter Fiber Conc. (fibers/mm²) | 8.91 | 11.46 | 16.5 | | | · | | |
| Airborne Fiber Conc. (fibers/cc) | 0,0023 | 0,003 3 | 0.0045 | | - | | | |
| STANDARDS | ev Clearance Criteria | | Relinquished by: | Son Mails | Date | 6126119 | Time 17.0 | 6 |
| 0.10 f/cc - OSHA Permissible I | Exposure Limit (8 hr. T | TWA) | Received By: | lette | Date | 6/27/19 | Time 69 | 00 |
| ND< – Non Detected, less than | the limit of detection | | Relinquished by: | | Date | | Time | |
| TRC Laboratory Asheston Analy | UU fields | | Received by Lab | oratory: | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y | N | | OC R | count | |
| TX # 300354 VA # 333300028 | Y#10980 RI#AAL(3 VT#AL910359 WA | 007 / # LT000597 | Comments: | Achanica Arrelius | Sample No. | FB/FL | Analyst/Date I | ield/Lab |
| Philadelphia # 461 AIHA II Results relate only to the sample | LAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabilit | Organization ID: 10012 y of the laboratory's results | s is limited to the FB/mm ² | | | | |

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| >TRC | 21 Griffin Road North Windsor, CT 06095 |) 860-298-9692 | | | | | Edition: August 2 | 2018 |
|--|--|-----------------------------|----------------------------------|------------------------------------|----------------------------|--------------------------|-------------------------------|--------------|
| AIR SAMPLE A | ANALYSIS | REPORT | | 1951 2000 0 | 1001 Datas la | 1241 A | Supersedes Previ | ious Edition |
| Client: <u>VI</u> | | | Sampler Print: Tyle | Markinghray | <u>Signature:</u> | Tabla Mark | _ Page <u>44</u> | of <u>44</u> |
| site: ES Station | B | | Analyst Print: Tyles | Mzebdlivby AA | <u>R ID:</u> Signature: | Ster Martes | Date: Date Analyzed: (e | al 2M/ 14 |
| Address: 50 Gra | nd Are | (| レ C Analyst Print: レノ | 11/10-00 | Signaturo | 11/ | Date | - halla |
| Now Houm CT | | | | V | | <u>a</u> | Date | 128/19 |
| | | L | ab Supervisor Print: | 12 Marsu | Signature: <u>//</u> | ll_ | Issued: <i>[e]</i> | 128/19 |
| Contact/Name: / | Phone: | F | Rotometer No.: | 625 | Date of Cali | bration: <u>Stad 1</u> 4 | _ Lab No | 39148 |
| Relative Standard Devia Range Fibers/fields Intra-lab S | ation (Sr) | | Microscope No | 10022 | Received in Lab fo | or Analysis: 🗌 🛛 | גע Only | |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 | ample Type: PC | TEM D Other: | Analysis | Method: NIOSH 74 | |] Other: | |
| >50/100 0.295 | 0.387 | | Type of S | ample: 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. | Personal 6. Clear | rance |
| Sample No. | 224 | 225 | 226 | 227 | 228 | 229 | 230 | |
| Sampling | Reg Anca | Keg Ales | Keg Ane | North | south | 4R | LR | |
| Type of Sample | 1001 | - Jever | Int | 232411019 1211 | | | | |
| Pump Number | | 2 | | | | | ∠ ∖ | A |
| Start Time/Stop Time | 9:05 15:00 | 9:05 15:00 | 9:05 15:00 | 934 1520 | 9:24 15:20 | | + | |
| Total Time (min) | 355 | 395 | 365 | 361 | 351 | <u> </u> | +- + | |
| Flow Rate | 3 3 | 3 3 | 3 3 | 3 3 | 3 3 | | $+ \neq \uparrow$ | |
| Total Volume (I) | 1065 | 1065 | 1065 | 1053 | 1253 | | | |
| FB BFB FL BFL | 4/100 | 5/100 | 8/100 | 4/100 | 6/100 | Olion | 9/100 | |
| Filter Fiber Conc. (fibers/mm ²) | 5.09 | 6.36 | 10.19 | 5.09 | 7.64 | - | - | |
| (fibers/cc) | NDCO.002 | ND<0.007 | 0.0034 | ND60,0023 | , 0.0023 | - | \ | |
| STANDARDS <0.01 f/cc - EPA Re-Occupan | cv Clearance Critería | | Relinquished by | 3- Jan Mad | July_Date_ | 6126/14 | Time 17:0 | ୦୦ |
| 0.10 f/cc – OSHA Permissible I 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. | TWA) | Received By: | flere | Date_ | 6/27-119 | Time 🖉 | 900 |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/1 | the limit of detection | 1 | Relinquished by | | Date_ | | _Time | |
| TRC Laboratory Asbestos Anal | ytical Certifications: | l | Condition of Samples | | Date | | Time | |
| AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N | #L-09-004 LA #050 Y # 10980 RI # AAI - | 11 MA # AA000052 -007 | Acceptable: Y | N | Sample Ma | QC Rec | ount | <u></u> |
| TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA II | 3 VT # AL910359 W | V # LT000597 | AIHA Registry Program | ms Asbestos Analyst Reg | gistry <u>224</u> | 3/100 | w 6/28/19 | Lab |
| Results relate only to the sample | s tested, as received b | by the laboratory. Verifiat | llity of the laboratory's result | ∠∠ ts is limited to the FB/mm². | | | 2/1 | |

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| Client: UI | | | Sa | ampler Print: Tyle | (Machilliv Ca | Signature: | for Motor | Date: 6/2 |
|--|-------------------|------------|---------------------|----------------------|----------------------|-------------------------------|--|--------------------|
| Site: ES Station B | Augul | iary 1 | <u>buildings</u> Ar | nalyst Print: Tyles | Mailelluray | AR ID: Signature: % | les Martes | Date Analyzed & |
| Address: 510 Gra | nd Arc | • | - 00 | C Analyst Print: | 12110 | Signatura: | | Date |
| Now Halen (| <u> </u> | | | | V II | Signature. <u>//</u> | the section of the se | Date |
| Juen Hording . | | | La | ib Supervisor Print: | Wamse | Signature: | un | Tssued: 6/28 |
| Contact/Name: <u>M. Ka</u> | <u>mey</u> pr | none: | Ro | otometer No.: | 25 | Date of Calil | bration: <u>S/20//1</u> | Lab No |
| Relative Standard Devi Range Fibers/fields Intra-lab | ation (Sr) | - | М | lcroscope No | 2002 | Received in Lab fo | or Analysis: 🗌 🛛 Q | C Only: 🛒 |
| <20/100 <20/100 | 0.517 | Sa | mple Type: PCM | ➤ TEM □ Other: | Analysis | Method: NIOSH 74 | | Other: |
| >50/100 0.295 | 0.387 | | · | Type of S | ample: 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. P | ersonal 6. Cleara |
| Sample No. | 231 | | 232 | 233 | 234 | 235 | 236 | 237 |
| Sampling Location/Comments | Holl No | th | Hall East | Keg Arez Fast | Keg Arez Lawth | Reg Arez | SВ | FB |
| Type of Sample | 1 | | 1 | l | 1 | 1 Imail | | <u> </u> |
| Pump Number | 1 | | 2 | 3 | 4 | 5 | \times | + |
| Start Time/Stop Time | 8:40 | 5:00 | 8:40 15:00 | 9:00 15:20 | 9:00 15:20 | 9:00 15:20 | | + |
| Total Time (min) | 381 | 5 | 380 | 380 | 380 | 380 | | $+- \vee$ |
| Flow Rate | 3 | 3 | 3 3 | 3 3 | 3 3 | 3 3 | | $\vdash \frown$ |
| Total Volume (I) | 114 | 0 | 1140 | 1140 | 1140 | 1140 | | |
| FB 8FB FL BFL | 9/10 | 0 | 4/100 | 6/100 | 7/106 | 6/100 | 0/100 | Ol ia |
| Filter Fiber Conc. (fibers/mm²) | 11.46 | 2 | 5,09 | 7.64 | 8.41 | 7.64 | - | |
| Airborne Fiber Conc. (fibers/cc) | 0.00 | 34 | NDC0.002 | 0.0023 | 0.003 | 0.2023 | | - |
| STANDARDS <0.01 f/cc – EPA Re–Occupar | icv Clearance | Criteria | | Relinquished by: | - John Mar | Date_ | 6126/14 1 | Гіте <u>17</u> 26 |
| 0.10 f/cc - OSHA Permissible 1.0 f/cc - OSHA 30 min Excur | Exposure Limi | t (8 hr. ⊤ | WA) | Received By: | | Date | <u>6/27/19</u> | fime694 |
| ND< - Non Detected, less tha Limit of Detection - 5.5 fibers/ | n the limit of de | etection | | Relinquished by: | | Date | Τ | /ime |
| TRC Laboratory Asbestos Ana | lyfical Certifica | tions | | | | Date_ | Τ | īme |

6. 2 ·

| >TRC | 21 Griffin Road North Windsor, CT 06095 / 6 | 160-298-9692 | | | | | Edition: August 2018 |
|--|--|--|--|--|------------------------------------|----------------------------------|---|
| AIR SAMPLE A | ANALYSIS | | piect No: 2/67 | 3951.00028.0 | 5001 - 10 | 26/19 | Supersedes Previous Edition |
| Client: <u>UI</u> | | Sa | ampler Print: Tyle | Machillung | <u> </u> | Sile Marke to | Page <u>34</u> of <u>34</u> |
| site: ES Station E | 3 East Windows | /Assembley Ar | nalyst Print: Tyle | Mechilling L | AR ID: Signature: 6 | the Monthing | Date: <u>6/26/19</u> Date Analyzed: 6/26/19 |
| Address: 50 Gran | d Ave | Q(| C Analyst Print: | willes | Signaturo: | VIII- | Date |
| New Hovon, C | <u>'T</u> | La | b Supervisor Print: | Verilliam | Signature: | u | Date |
| Contact/Name: <u>M. Koo</u> | (ney Phone: | Ro | otometer No.: | L-25 | Date of Cali | pration: 6/00/14 | |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. | 22.002 | But of Cam | | |
| Range Fibers/fieldsIntra-lab S<20/100 | ir Inter-lab Sr 0.517 Sa | ample Type: PCM | X TEM D Other: | Analysis | Method: NIOSH 74 | Dranalysis:∐ Q 00 XX7 AHERA ⊓ | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: a. Background | Issue 2 8/15 2 Prep 3 Work Area | /94 A rules | |
| Sample No. | 238 | 239 | 240 | | | | ersonal 6. Clearance |
| Sampling | Assembly Hall | Assembly Hall | Reg Area | Ro Area | Pro Anno Trat | <u> </u> | 244 |
| Location/Comments | North | East | East | South | Kg Med Im | 3B | FB |
| Type of Sample | ll | l | | t. | 1 | k | * |
| Pump Number | 1 | 2 | 3 | <u> </u> | 5 | $ \longrightarrow $ | |
| Start Time/Stop Time | 7:57 14:58 | 7:57 14:58 | 7:48 15:07 | 7:49 15:07 | 7:40 15:07 | | |
| Total Time (min) | 421 | 421 | 439 | 439 | 1129 | —— <u>X</u> — | + |
| Flow Rate | 3 3 | 3 3 | 3 3 | 3 2 | 7.51 | \rightarrow | |
| Total Volume (I) | 1263 | 1263 | 1317 | 1317 | 1217 | $\not $ | |
| FB BFB FL BFL | 6/100 | 8/20 | 7/100 | 10/100 | 3/100 | 0/105 | 9100 |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 10.19 | 8,41 | 12.73 | 3,82 | | |
| (fibers/cc) | 0.002 | 0.003 | 0.002 | 0.003 | ND< 0.002 | | - |
| STANDARDS <0.01 f/cc – EPA Re–Occupant | cy Clearance Criteria | | Relinquished by: | yer mor | Julim_Date_ | 7/9/19 - | Fime 14:00 |
| 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs | Exposure Limit (8 hr. T | WA) | Received By: | illan | Date | 7/9/19 | Time 1500 |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/1 | the limit of detection | | Relinquished by: | | Date | 7 | Гіте |
| TRC Laboratory Asbestos Analy | tical Certifications: | | Received by Lab | oratory: | Date | | Гіте |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | , N | | QC Reco | unt |
| TX # 300354 VA # 3333000283 | VT#AL910359 WV | ////////////////////////////////////// | Comments: | ns Ashestos Analust Dos | Sample No. | FB/FL A | nalyst/Date Field/Lab |
| Results relate only to the samples | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 10012 y of the laboratory's result | s is limited to the FB/mm ² . | | -//00 | w +10/19 Lab |

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| | 21 Griffin Road North Windsor, CT 06095 8 | 60-298-9692 | | | | | Edition: Augusi | t 2018 |
|---|--|---|---|--|---------------------------------------|-----------------------|-------------------------------------|--------------------------------|
| AIR SAMPLE A | NALYSIS | REPORT P | Diect No. 263 | 951.0028 | mal and lat | 1711a | Supersedes Pre | evious Edition |
| Client: UI | | | umpler Print: TV/c | Machelluray | | The Martin | Page <u>40</u> | $\frac{1}{2}$ of $\frac{1}{2}$ |
| Site: ES Assembly | Hall coom | <u>1-4</u> An | alyst Print: <u>Tyle</u> | Maching AA | R ID: Signature: | Her Mer 27 | Date: <u>6</u> Date Analyzed: | 61271 P |
| Address: 510 Gran | d Avr. | Q | | 11/1/10-00- | Signature | | Date | zhala |
| New Haven, CT | | La | b Supervisor Print: | Ullamse | Signature: | un - | Date | +110/19 -/10/19 |
| Contact/Name: 1. Ka | Mey_Phone: | Ro | otometer No.: H | -21 | Date of Calii | aration: 510016 | | <u>-</u> 2600 |
| Relative Standard Devis | ition (Sr) | Mi | croscope No 2 | 2002 | | | : Lan №0. <u> </u> | 500 |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr Sa | ample Type: PCM | TEM □ Other: | Analysis | Method: NIOSH 74 | N Analysis: 📋 🕻 | tC Only: ⊉► | |
| 20.5 to 50/100 0.352 | 0.451 | | Tune of S | amples 1 Bookground | Issue 2 8/15 | /94 A rules | Other: | |
| Sample No. | | <u>9u</u> | | ample: 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. I | Personal 6. Cle | arance |
| Somoling | Bathroom | Fatu NAV | Swachtish | Sundlich | Sume Colo | 250 | 25 | |
| Location/Comments | 000000 | Enig weg | North | Cantal | odulation | SB | FF | 3 |
| Type of Sample | 6 | 6 | 6 | 6 | South | | | |
| Pump Number | l | 2 | $\overline{\chi}$ | 4 | 5 | \rightarrow | | |
| Start Time/Stop Time | 13:22 14:42 | 13:22 14:42 | 13:22 14:42 | 13:22 14:42 | 13:22 14:40 | | + | <u> </u> |
| Total Time (min) | 80 | 80 | 80 | 80 | 86 | -X | +-X | |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 15 | 15 18 | | +/- | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | | | \rightarrow |
| FB BFB FL BFL | 13/100 | 14/100 | 10/100 | 15/100 | 8/100 | 2/100 | ¥ - 1/10 | |
| Filter Fiber Conc. (fibers/mm ²) | 16.56 | 17.83 | 12.73 | 19.10 | 10.14 | | - | |
| (fibers/cc) | 2,005° | 0.005 | 0.004 | 0,006 | 0.003 | | ~ | |
| STANDARDS | cv Clearance Criteria | | Relinquished by | - File Ma | Date | 7/9/19 | Time 14:4 | 00 |
| 0.10 f/cc - OSHA Permissible f 1.0 f/cc - OSHA 30 min Excurs | Exposure Limit (8 hr. 1 | ™A) | Received By: | lica | Date | 7/9/19 | Time | |
| ND< - Non Detected, less than | the limit of detection | | Relinquished by | ` <u> </u> | Date | | Time | . <u> </u> |
| TRC Laboratory Ashestos Analy | tical Certifications: | | Received by Lat | ooratory: | Date | | Time | |
| AZ # AZ0944 CT#PH0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | N | | QC Ree | ount | |
| TX # 300354 VA # 3333000283 | 7 # 10980 RI # AAL(3 VT # AL910359 W/ | / # LT000597 | Comments: AIHA Registry Program | ns Asbestos Analvst Rec | Sample No. | FB/FL A | Analyst/Date | Field/Lab |
| Results relate only to the samples | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabilit | Organization ID: 10012 by of the laboratory's result | 22 s is limited to the FB/mm ² | · · · · · · · · · · · · · · · · · · · | | | |

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| Client: UI | | Sa | mpler Print: | (Machilluras | Signature: | Nor Mas | <u>-</u> Date: 6 |
|---|--|------------------|------------------------------------|---------------------|-------------------------|------------------------------------|---------------------|
| site: Es Station B | - Assamby Ha | An: | alyst Print: Tyles | Neclothurzy A | AR ID: Signature: | Nes Nest | Date Analyzed: |
| Address: 50 Gay | VI Are | 00 | Analyst Print: | 11.11. | Signatura: | | Date |
| New Hover CT | - | | - 0 | Vierson | | <u>acc</u> | Date |
| 11000 110001 01 | | | o Supervisor Print: | <u> Millams</u> | err Signature: 🖊 | <u>lla</u> | Issued: 7 |
| Contact/Name: M. KC | <u> "hcv/</u> Phone: | Ro | tometer No.: | <u>L-15</u> | Date of Calib | ration: <u>5/29</u> | 194 Lab No. 🗾 |
| Relative Standard Devi Range Fibers/fields Intra-lab S | ation (Sr) | Mie | croscope No. <u>2</u> | 1002 | Received in Lab for | r Analysis: 🗆 | QC Only: 🛃 |
| 20/100 0.520 | 0.517 Sa | ample Type: PCM | ≝CTEM □ Other: | Analysis | Method: NIOSH 740 | | \ □ Other: |
| <u>>50/100</u> 0.332 | 0.451 | | Type of S | ample: 🕻 Background | 2. Prep. 3. Work Area 4 | Environmental | 5. Personal 6. Clea |
| Sample No. | 252 | ,253 | 254 | 255 | 256 | • | |
| Sampling | Assembly Hall | Assembly Han | Station | Station B | Station B | <u> </u> | |
| Location/Comments | 100971 | East | DEAST | south | Int | | |
| Pump Number | | $\frac{1}{2}$ | | <u> </u> | | · <u> </u> | |
| Start Time/Stop Time | 8:25 15:00 | 2- 0:25 15:40 | 345 1575 | Q'LE LE ST | | | |
| Total Time (min) | 415 | UIS | LIAD | (100 | 100 | | |
| Flow Rate | 33 | 2 2 3 | 7,00 | 2 3 | | ·· - · · · · · · · · · · · · · · · | |
| Total Volume (I) | 1245 | 1245 | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 12/100 | 7/100 | 9/100 | 6/100 | 4/100 | | |
| Filter Fiber Conc. (fibers/mm²) | 15.28 | 8.91 | 11.46 | 7.64 | 5.09 | - | |
| Airborne Fiber Conc. (fibers/cc) | 0,004 | 0.002 | 0,003 | 0.002 | NDC0.002 | | |
| STANDARDS | ocy Clearance Criteria | | Relinquished by | July More | Date_ | 78/9/19 | Time 4 :0 |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. 1 sion Level | TVVA) | Received By: | fleck | Date | 7/9/19 | ; |
| ND< – Non Detected, less that Limit of Detection – 5.5 fibers/ | n the limit of detection 100 fields | | Relinquished by Received by Lat | | Date | | Time |
| TRC Laboratory Asbestos Ana | lytical Certifications: | ا ا | Condition of Samples: | | Date | | IIIIIe |

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June 27, 2019

Mr. Shawn Crosbie Project Manager of Remediation- CT/MA UIL Holdings Corporation 180 Marsh Hill Road Orange, CT 06477

Via email: shawn.crosbie@uinet.com

Re: Asbestos Post Abatement Air Monitoring Results; English Station / Station B (Interior Containment Areas) TRC Project No. 263951.0000.0028

Dear Mr. Crosbie:

At your request, TRC provides the attached analysis reports for post abatement air monitoring conducted in conjunction with asbestos abatement activities at the Station B facility at 510A Grand Avenue in New Haven, CT. Post abatement air monitoring samples were collected at each individual interior containment area constructed for removal of friable asbestos-containing materials, as follows:

| Date | Location of Containment Area | Analysis Method | Analytical Result |
|---------|---|-----------------|-------------------------------|
| 5/2/19 | Basement- Northwest Work Zone | TEM | Average <70 s/mm ² |
| 5/23/19 | Basement- East to West Containment Tunnel (water main) | РСМ | Each sample <0.01 f/cc |
| 5/24/19 | First Floor- Men's Locker Room and Men's Room | РСМ | Each sample <0.01 f/cc |
| 5/24/19 | First Floor- Women's Locker Room | PCM | Each sample <0.01 f/cc |
| 5/31/19 | First Floor- East Offices | TEM | Average <70 s/mm ² |
| 6/3/19 | Basement- Door Gaskets at Pedestal Area #1 | РСМ | Each sample <0.01 f/cc |
| 6/3/19 | Basement- Door Gaskets at Pedestal Area #2 | РСМ | Each sample <0.01 f/cc |
| 6/10/19 | First Floor- East Side (Kitchen) | PCM | Each sample <0.01 f/cc |

TRC conducted a post abatement visual inspection of each containment area to confirm that the asbestos abatement contractor had completed their scope of work and that the containment areas were clear of dust and debris, followed by post abatement re-occupancy air monitoring.

In compliance with CT DPH Regulation 19a-332a-12, Phase Contrast Microscopy (PCM) was utilized for analysis of post abatement air samples in containments in which the amount of asbestos-containing materials removed was less than or equal to 500 linear feet / 1500 square feet. Transmission Electron Microscopy (TEM) was be utilized for analysis of post abatement air samples in containments in which the amount of asbestos-containing materials removed was greater than 500 linear feet / 1500 square feet. Five air samples were collected in each containment area.

Analysis of post abatement air samples at each containment area determined that the post abatement air samples met the required post abatement criteria of less than or equal to 0.01 fibers per cubic centimeter (f/cc) of air for those samples analyzed via PCM, and an average of 70 asbestos structures or less per square millimeter (s/mm²) for those samples analyzed via TEM.

If you have any questions, please do not hesitate to call me at (860) 298-6260.

Sincerely,

TRC Mark Kearney

Mark Kearney Senior Project Manager Building Sciences Division

EMSL Order: 241902227 Customer ID: TRC51 Customer PO: 263951 Project ID:

Attention: Mark Kearney

TRC Environmental Consultants 21 Griffin Road North Windsor, CT 06095
 Phone:
 (860) 298-9692

 Fax:
 (860) 298-6399

 Received Date:
 05/02/2019 17:05 PM

 Analysis Date:
 05/03/2019

 Collected Date:
 05/02/2019

Project: 263951/ ES STATION B, 510 GRAND AVE NEW HAVEN, CT 06513

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

| | | Volume | Area Analyzed | Non | Asbestos | #Structu | res | Analytical Sensitivity | Asbe Conce | estos ntration |
|----------------|-----------|----------|------------------|-----|---------------|------------|-----|---------------------------|---------------|-------------------|
| Sample | Location | (Liters) | (mm²) | Asb | Type(s) | ≥0.5µ < 5µ | ≥5µ | (S/cc) | (S/mm²) | (S/cc) |
| 34 | NW CORNER | 1200.00 | 0.0750 | 0 | Chrysotile | 1 | 0 | 0.0043 | 13.00 | 0.0043 |
| 241902227-0001 | | | | | | | | | | |
| 35 | NE CORNER | 1200.00 | 0.0750 | 0 | None Detected | 0 | 0 | 0.0043 | <13.00 | <0.0043 |
| 241902227-0002 | | | | | | | | | | |
| 36 | SW CORNER | 1200.00 | 0.0750 | 0 | None Detected | 0 | 0 | 0.0043 | <13.00 | <0.0043 |
| 241902227-0003 | | | | | | | | | | |
| 37 | SE CORNER | 1200.00 | 0.0750 | 0 | None Detected | 0 | 0 | 0.0043 | <13.00 | <0.0043 |
| 241902227-0004 | | | | | | | | | | |
| 38 | CENTER | 1200.00 | 0.0750 | 0 | None Detected | 0 | 0 | 0.0043 | <13.00 | <0.0043 |
| 241902227-0005 | | | | | | | | | | |

Analyst(s)

Leslie Tetrick (5)

Almedina Hodzic, Asbestos Laboratory Manager or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0, NYS ELAP 12063, CT PH-0322, MA AA000191, RI AAL-108T3, VT AL357101

Initial report from: 05/03/2019 16:20 PM

ASB_TEMAHERA_0004_0001 Printed: 5/3/2019 4:20:15PM

| rderID: 241902227 | | | 2419022 | 27 | | | | |
|--|---|---|---|--|---|------------------------------|-------------------------------|-------------------------|
| VIRC : | Windsor, CT 06095 8 | 860-298-9692 | 211101010 | | | | Edition: Augu Supersedes P | st 2018 revious Edit |
| AIR SAMPLE A | ANALYSIS | REPORT Pr | oject No.: _26 | 3951 | Date:5 | 2/14 | Page | of |
| Client: UI | | Sa | mpler Print: Tyle | 5 Maddlurs | Signature: 7 | & mochon | Date: 5 | 5/2/19 |
| Site ES Statu | n B | An | alyst Print: | AA | RID: 7 | | Date Analyzed: | |
| Address: 510 Gr | and Ave | Q(| C Analyst Print: | | Signature: | | Date Analyzed: | |
| New Haven, C | T 06513 | La | b Supervisor Print: | | Signature: | | Date Issued: | |
| Contact/Name: M. Kc | arney_ Phone:_ | 860-810-453 5 | otometer No.:H | 1-25 | Date of Calib | ration: 11/9/13 | Lab No | |
| Relative Standard Devia | ation (Sr) | MI | croscope No. | | Received in Lab for | Analysis: 🗌 🖸 | C Only: | |
| Range Fibers/fields Intra-lab S <20/100 0.520 | Sr Inter-lab Sr 0.517 S | ample Type: PCM | TEM Ø Other: | Analysis | Method: NIOSH 740 | 0 🗆 AHERA 🎽 | Other: | |
| 20.5 to 50/100 0.352 | 0.451 | | Type of Sa | ample: 1. Background | Issue 2 8/15/9 2. Prep. 3. Work Area 4 | A rules Environmental 5.1 | Personal 6. C | learance |
| Sample No. | 34 | 26 | 36 | 37 | 28 | | | |
| Sampling | NW | NE | SW | SE | Center | | | |
| Type of Sample | 6 | 6 | 6 | 10 | 6 | | | |
| Pump Number | l | 2 | 3 | 4 | 5 | | | |
| Start Time/Stop Time | 1:29 3:29 | 1:29 3:29 | 1:29 3:29 | 1:29 3:29 | 1:29 3:29 | | | |
| Total Time (min) | 120 | 120 | 120 | 120 | 120 | | | |
| Flow Rate | 10 10 | 10 10 | 10 10 | 10 10 | 10 10 | | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | viel | | ED |
| FB BFB FL BFL | | | | | | DE | | E |
| Filter Fiber Conc. (fibers/mm ²) | | | | | | | NAY 62 20 | 19 0 |
| Airborne Fiber Conc. (fibers/cc) | | | | | | BY | Ales- | 3 Co |
| STANDARDS | | | Relinquished by | John Mar | Date | 512/19 | Time | |
| 0.10 f/cc – EPA Re–Occupar 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. | TVVA) | Received By: | / | Date | | Time | |
| 1.0 f/cc - OSHA 30 min Excurs ND< - Non Detected, less that | sion Level n the limit of detection | | Relinquished by | : | Date | | Time | |
| Limit of Detection - 5.5 fibers/ | 100 fields | | Received by Lab | ooratory: | Date | | Time | |
| TRC Laboratory Asbestos Ana AZ # AZ0944 CT#PH–0426 H ME # LA–0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA I Results relate only to the sample | Iytical Certifications: I # L-09-004 LA #050 IY # 10980 RI # AAL- 33 VT # AL910359 W HLAP # 100122 AIH/ es tested, as received b | 11 MA # AA000052 -007 IV # LT000597 A PAT# 100122 by the laboratory Verifiabili | Condition of Samples: Acceptable: Y Comments: AIHA Registry Prograr Organization ID: 10012 ty of the laboratory's result | N ms Asbestos Analyst Re 22 ts is limited to the FB/mm ² | gistry | QC Rec | ount Analyst/Date | Field/La |
| \$ Email | results | to GKacz | Ynski TR | Companies.co | n/Mkearne | X TRC com | ipanies.c | on ³⁴⁹ Z |

| | | | - | | | | |
|---|---|--|--|--|---|---|--|
| | | | RSMT | - ENST | TO WEST N | ATERLING | E CONTAINUMT. |
| | 21 Griffin Road North Windson CT 06095 Bt | 602989692 | 2 |)) | | | Edition: August 2018 Strineradae Previous Edition |
| AIR SAMPLE A | NNALYSIS | REPORT P | -niect No - 263% | 61.00028.90 | b Data: 5/ | 23/14 | Dare 10 of 10 |
| Client: LL | | | ampler Print: V/22 | Malduker | Signature | Sala Maller | Date 5/72/14 |
| site: ES Station E | 3 16° ance | A | nalvst Print Tvle | Macchillures AA | R ID: Signature: 4 | the Marton | Date 5/22/14 |
| Address: <u>SIO</u> Cra | ad Are | ð | C Analyst Print: | et illia von 50: | - Signature: | | Date -Analvzed: <i>iz/is/i9</i> |
| New Haven, CT | | L. | ab Supervisor Print: 2 | 112 Mamen | Signature: | 1 i de traver | Date Issued: 2./2./9 |
| Contact/Name: <u>M. Kra</u> | Phone: | Ā | otometer No.: | -25 | Late of Calib | ration: 5/2//4 | Lab No. 53846 |
| Relative Standard Devia | tion (Sr) | W | icroscope No. 2 | 1 2002 | Received in Lab fo | r Analysis: 🛛 🛛 Q | c Only: 🖅 |
| Kange Fibers/tedds Intra-tab 5 <20/100 0.520 20.5 to 50/100 0.352 <20.5 to 50/100 0.352 | r Intor-lab Sr 0.517 St 0.451 St | ample Type: PCM | TEM Other: | Analysis mple: 1. Background | Method: NIOSH 740 Issue 2 8/16/ 2. Prep. 3. Work Area 4 | 0 🕵 AHERA 🛛 94 `A rules L'Environmental 5. Pe | Other: |
| Sample No. | | 18 | 79 | An X | Ŵ | CA CA | |
| Sampling Location/Comments | West | Vertal | center | East Central | East | 58 | FB |
| Type of Sample | 2 | 6 | 6 | 6 | Ś | Ģ | 6 |
| Pump Number | | 2 | R | ú | S | | |
| Start Time/Stop Time | 12:14 1:34 | 12:14 1:34 | 12:14 1:34 | 12/14 1 34 | 12.74 1:34 | | |
| Total Time (min) | SO | 30 | 80 | 80 | 80 | \times | \times |
| Flow Rate | 15 15 | (s 13 | 15 15 | 15 15 | 51 21 | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 0061 | 1200 | | |
| FB BFB FL BFL | 1/100 | 3/100 | 3/100 | 2/100 | H/100 | 0/100 | 001/0 |
| Filter Fiber Conc. (fibers/mm ²) | 1,27 | 3,82 | 3.82 | 2.54 | 5.09 / | | 1 |
| Airborne Fiber Conc. (fibers/cc) | ND20.002 | LOO' 07 DN | ND 20,002 | ND20,002 | 1020.002 | | |
| STANDARDS | | | Refinduished by: | is the ma | Hull Date | | ime |
| <0.01 f/cc EPA Re-Occupan 0.10 f/cc OSHA Permissible E | cy Clearance Criteria Exposure Limit (8 hr. 7 | (AW) | Received By: 🛶 | li de la come de la co | Date | tellella T | me 2700 |
| 1.0 f/cc - OSHA 30 min Excurs ND< - Non Detected, less than | ion Level the limit of detection | , , | Relinquished by: | | Date | | ime |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Labi | oratory: | Date | F | ime |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH0426 HI ME # 1 A0075 NJ # CT004 NJ | /tical Certifications: # L-09-004 LA #0501 / # 10080 R1 # AAI _0 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y N | | Sample No. | OC Recou | nt alvst/Date Field/t_ah |
| TX # 300354 VA # 333300028: Philadelphia # 461 AtHA II- Results relate only to the samples | <pre>% VT # AL910359 WV ILAP # 100122 AIHA tested, as received by</pre> | /#LT000597 PAT# 100122 the laboratory. Verifiabili | AIHA Registry Program Organization ID: 100122 ty of the laboratory's results | is Asbestos Analyst Reg 2 Is limited to the FB/mm ² . | istry | | |

| | | | FIRST F | 2000 - LO | CLER RM/ME | en's Rm | N N N |
|---|--|--|--|--|--------------------------|---------------------------------|---|
| | 11 Griffin Road North Vindsor, CT 06095 B | 60~298~9692 | | | 5 | | Edition: August 2018 Supersedes Previous Edition |
| AIR SAMPLE A | NALYSIS | REPORT PI | roject No.: 2134 | 51,00023,000 | $\frac{1}{2}$ Date: SL | 24/]4 | Page US of 18 |
| client: <u>M</u> T | | ö | ampler Print: Jyle | Machiner | Signature: 🗸 | the Model 1 | Date: 5/24/A |
| sile: Es Station St | Hon B Me | n's leckernonia | nalyst Print: Tv \≪ → | Mailinny (M | R ID: Signature: | the Mollin- | Date Date S/24/14 |
| Address: 510 Cror | w Ave | ð | C Analyst Print: | 2 Marson | Signature: | l'and a | Date Analvzed: 10/14/19 |
| New Haven (| | Ċ, | ab Supervisor Print: | les allan | signature: ⊿ | l'as | Date Issued: [b/v+/r9 |
| Contact/Name: <u>M. Kea</u> | W Phone: | Ř | otometer No.: | | Date of Calil | oration: | Lab No. 5 3 88 8 |
| Relative Standard Devia | tion (Sr) | W | icroscope No. 23 | 902 | Received in Lab fo | or Analysis: 🛛 | ac only: |
| Range l'ibers/fields Infra-lab Si <20/100 0.520 | inter-lab Sr St | ample Type: PCM | TEM 0 Other: | Analysis | Method: NIOSH 74(| 0 AHERA | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.387 | | Type of Sa | imple: 1. Background | 2. Prep. 3. Work Area | e A rues 4. Environmental 5. | Personal 6. Clearance |
| Sample No. | 88 | 84 | 40 | 41 | 42 | 4.2 | 64 |
| Sampling Location/Comments | More shower | Ments shower | Men's Perfer | Men's bocker Center | Men's laker south | 58 | Ð |
| Type of Sample | ? | 9 | e | e | 6 | 0 | 9 |
| Pump Number | | 4 | R | 4 | Ń | | |
| Start Time/Stop Time | 11.50 Da | 11.50 DIO | 1:00 I:10 | 11:50 1:10 | 611 0511 | | |
| Total Time (min) | 80 | 80 | \$0 | 80 8 | 80 | | |
| Flow Rate | IS IS | is is | 15 15 | 15 15 | 15 15 | | |
| Total Volume (I) | ାପ୍ୟର | 0000 | 0021 | 0001 | 0000 | | |
| FB BFB FL BFL | 8/100 | 6/100 | 11/100 | 00/10 | 001/10 | 21100 | 0//30 |
| Filter Fiber Conc. (fibers/mm ²) | 19 - 14 | 7,64 | 14.01 | 17,64 | 11.46 | | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | 0.00.6 | 0,004 1 | 0,002 | 0.00 July | 1 | |
| STANDARDS | | | Relinquished by: | KAROW MARCEN | Wy Date | | Time |
| | y Clearance Criteria xposure Limit (8 hr. T on Level | (MA) | Received By: | hi com | Date Date | io/14/19 | Time 0500 |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/10 | the limit of detection 30 fields | • | Received by Labo | oratory: | Date | | Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH0426 HI # ME # LA0075 NJ # CT004 NY | <pre>fical Certifications: # L-09-004 LA #0501 # 10980 RI # AALC</pre> | 1 MA # AA000052 007 | Condition of Samples Acceptable: Y N Comments: | | Sample No. | OC Ree | минt Vnalyst/Date , Field/Lab |
| TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IHI Results relate only to the samples | VT # AL910359 WV LAP # 100122 AIHA tested, as received by | / # LT000597 PAT# 100122 the laboratory. Verifiabili | AlHA Registry Program Organization ID: 100122 iy of the laboratory's results | s Asbestos Analyst Reg is limited to the FB/mm ² . | istry 91 | 5/100 | iver 14/19 let |

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| OCKER ROOM | Edition: August 2018 Supersedes Previous Edition | 5/24/14 Page 19 of 19 | 200 1002-12 Date 5/24/19 | in Mall Date 5/94/19 | Date Date Date | Date Date 1/1/1/ | libration: Lab No. 53 88 Q | for Analysis: OC Only: A | 400 逆 AHERA □ Other: | 15/94 A rules a 4. Environmental 5. Personal 6. Clearance) | | SB FB | | | | | | | 0/100 0/100 | | | Time | 10/14/19 Time 0500 | Time | Time | OC Recount FB/FL Analyst/Date Field/Lab |
|------------|---|-----------------------|--------------------------|----------------------|---------------------|---------------------|----------------------------|----------------------------|--|---|------------|-------------------------------|----------------|-------------|----------------------|------------------|-----------|------------------|------------------|---|-------------------------------------|------------------|--|-------------------------------|----------------------------------|--|
| IOMEN'S L | | 20 Date: 5 | Signature: | R ID: Signature: | Signature | Signature. | Date of Ca | Received in Lab | Method: NIOSH 7 | Issue 2 8/ 2. Prep. 3. Work Are | 44 | Homors Both | 0 | Ń | 04:2 06:1 | 80 | 15 IS | 1200 | 0 e//b | 11,46 | 0.00 X4 | Willin Date | Date | Date | Date | istry |
| FLOOR - W | | <u> 151.00928.00</u> | Marlallincan | Mechillway A | 1 Marson | VILI Mar | | 200 | Analysis | ample: 1. Background | 4 A | Women's Rayh W cot | 0 | , 3 | 01:20 2:40 | 20 | 15 15 | 007 | 001/1 | 8,91 | 0,0023 | Anter May | lli | | oratory: | l s Asbestos Analyst Reg s limited to the FB/mm ² . |
| FIRST | | oject No.: 263 | mpler Print: <u>Nic</u> | alyst Print: | : Analvst Print: // | o Supervisor Print: | tometer No.: | croscope No. 23 | 🕉 TEM 🗆 Other: | Type of St | 47 | Ruth Entrance | 9 | M | 1:20 2:40 | 62 | 15 15 | ooci | 0,01/1 | 8.91 | Decoold | Relinquished by: | Received By: | Relinquished by: | Received by Lab | Condition of Samples: Acceptable: Y // N Comments: AlHA Registry Program Organization (D: 100122 of the laboratory's results |
| | 160-298-9692 | REPORT Pre | Sa | lacker room An | Ö | Lat | Ro | Mi | ample Type: PCM | | 96 | Wamons leaker East | 0 | 7 | 1:20 2:40 | 30 | l S l j Ś | oed | 00/(00 | H1.7 | 0,002 1 | | WA) | | | 1 MA # AA000052 007 # # LT000597 PAT# 100122 the laboratory. Verifiability |
| | 21 Griffin Road North Windsor, CT 06095 8 | ANALYSIS | | B Wemen's | and Are | LT | WN W Phone: | iation (Sr) | Sr Inter-lab Sr Se | 0.451 0.387 | 95 | homons locker wat | ٩ | 20maas | 1130 2340 | 30 | 51 51 | 000 | 4/100 | 5.09 | NDX 9.302 | | Tcy Clearance Criteria Exposure Limit (8 hr. T | n the limit of detection | 100 fields | l # L-09-004 LA #0501- I # L-09-004 LA #0501- IY # 10980 RI # AAL0 3 VT # AL910359 WV HLAP # 100122 AIHA ss tested, as received by |
| | Y Y | AIR SAMPLE | Client: UT | site: ES Station 1 | Address: 510 (| Nav Haven | Contact/Name: <u>M, Ke</u> | Relative Standard Devi | Range Fibers/fields Intra-lab <20/100 0 520 | 20.5 to 50/100 0.352 >50/100 0.295 | Sample No. | Sampling Location/Comments | Type of Sample | Pump Number | Start Time/Stop Time | Total Time (min) | Flow Rate | Total Volume (I) | FB BFB FL BFL | Filter Fiber Conc. (fibers/mm ²) | Airborne Fiber Conc. (fibers/cc) | STANDARDS | 0.10 f/cc - EPA Ke-Uccupar 0.10 f/cc - OSHA Permissible | ND< - Non Detected, less that | Limit of Detection - 5.5 fibers/ | TRC Laboratory Asbestos Ana AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA II Results relate only to the sample |

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| Attention: | Mark Kearney | Phone: | (860) 298-9692 |
|------------|---|------------------------|---------------------|
| | TRC Environmental Consultants | Fax: | (860) 298-6399 |
| | 21 Griffin Road North | Received Date: | 05/31/2019 15:50 PM |
| | Windsor, CT 06095 | Analysis Date: | 06/03/2019 |
| | | Collected Date: | 05/31/2019 |
| Project: | 263951.000028.0001/ UI, ES STATION B EAST OFFICES, 510 GRAND AV | E NEW HAVEN, (| СТ |

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

| | | Volume | Area Analyzed | Non | Asbestos | #Structu | res | Analytical Sensitivity | Asb Conce | estos intration |
|----------------|-------------|----------|------------------|-----|---------------|------------|-----|---------------------------|--------------|--------------------|
| Sample | Location | (Liters) | (<i>mm²</i>) | ASD | Type(s) | ≥0.5µ < 5µ | ≥5µ | (S/CC) | (S/mm²) | (S/cc) |
| 1 | OFFICE ONE | 1200.00 | 0.0762 | 0 | None Detected | 0 | 0 | 0.0042 | <13.00 | <0.0042 |
| 241902762-0001 | | | | | | | | | | |
| 2 | OFFICE TWO | 1200.00 | 0.0762 | 0 | None Detected | 0 | 0 | 0.0042 | <13.00 | <0.0042 |
| 241902762-0002 | | | | | | | | | | |
| 3 | LOUNGE | 1200.00 | 0.0762 | 0 | None Detected | 0 | 0 | 0.0042 | <13.00 | <0.0042 |
| 241902762-0003 | | | | | | | | | | |
| 4 | KITCHEN | 1200.00 | 0.0762 | 0 | None Detected | 0 | 0 | 0.0042 | <13.00 | <0.0042 |
| 241902762-0004 | | | | | | | | | | |
| 5 | LIVING ROOM | 1200.00 | 0.0762 | 0 | None Detected | 0 | 0 | 0.0042 | <13.00 | <0.0042 |
| 241902762-0005 | | | | | | | | | | |

Analyst(s)

Almedina Hodzic (5)

Almedina Hodzic, Asbestos Laboratory Manager or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0, NYS ELAP 12063, CT PH-0322, MA AA000191, RI AAL-108T3, VT AL357101

ASB_TEMAHERA_0004_0001 Printed: 6/3/2019 11:51:30AM

| Orde | *ID: 241902762 | 21 Griffin Road North Windsor, CT 06095 8 | 60-298-9692 | 24 | 190274 | 62 | | Edition: August Supersedes Pre | 2018 evious Edition |
|------|---|---|---|---|---|---|--|-----------------------------------|------------------------|
| | AIR SAMPLE A | NALYSIS | REPORT Pro | oject No.: 263 | 751. 200028,00 | 201 Date: 5/ | 31/14 | Page 1 | of _ |
| | Client: UI | 1 | Sa | mpler Print: Tyle | C Machillivray | Signature: 🥳 | be morenz | Date: 5/ | 31/14 |
| | Site: ES Station | B East o | Africes An | alvst Print: | AA | <u>R ID:</u> Signature: | 0 | Date Analyzed: | |
| | Address: 510 Gra | nd Ave | QC | C Analyst Print: | | Signature: | | Date Analyzed: | |
| | New Hoven, C- | T | La | b Supervisor Print: | | Signature: | | Date Issued: | |
| | Contact/Name: T. Mail | Phone: | 860-830-4445 Ro | otometer No.: | H-35 | Date of Calib | ration: | Lab No | |
| | Relative Standard Devia | ation (Sr) | Mi | croscope No. | | Received in Lab fo | r Analysis: 🗌 🛛 🔾 | C Only: 🗆 | |
| | Range Fibers/fields Intra-lab S <20/100 0.520 20.5 to 50/100 0.352 >50/100 0.295 | r Inter-tab Sr 0.517 0.451 0.387 | ample Type: PCM | TEM Other: Type of Sa | Analysis ample: 1. Background | Method: NIOSH 740 Issue 2 8/15/ 2. Prep. 3. Work Area 4 | 0 ➢ AHERA □ 94 A rules 9. Environmental 5. F | Other: | earance |
| | Sample No. | l | 2 | 3 | 4 | 5 | | | |
| | Sampling Location/Comments | office one | office two | Lounge | kitchen | living | | | A |
| N | Type of Sample | 6 | 6 | 6 | 6 | 6 | | | 11 |
| X | Pump Number | l | 2 | 3 | 4 | 5 | | | X |
| F | Start Time/Stop Time | 12:45 2:45 | 12:45 2:45 | 12:45 2:45 | 12:45 2:45 | 12:45 2:45 | | | 1 |
| F | Total Time (min) | 120 | 120 | 120 | 120 | 120 | | | J. |
| | Flow Rate | 10 10 | 10 10 | 10 10 | 10 10 | 10 10 | | | |
| 6 hr | Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | NEG | | 6 |
| | FB BFB FL BFL | | | | | | MAY | 3 1 2019 | * |
| X | Filter Fiber Conc. (fibers/mm²) | Emailed | mark toc | enfirm les | f code. | | 2 | 15:50 | R- |
| | Airborne Fiber Conc. (fibers/cc) | casettes a | Ry Vem bi | of Jest Code | R 7400 018 | 31/19 W | 5 | | |
| | STANDARDS | | | Relinquished by | Soper mo | Ady_Date_ | 5/31/19 | Time | |
| | 0.01 f/cc – EPA Re–Occupan 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. | | Received By: | / | Date | | Time | |
| | 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less that | sion Level In the limit of detection | | Relinquished by | | Date | | Time | |
| | Limit of Detection – 5.5 fibers/ | 100 fields | | Received by Lab | poratory: | Date | | Time | |
| | AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA II Results relate only to the sample | ytical Certifications: # L-09-004 LA #050 Y # 10980 RI # AAL- 3 VT # AL910359 W HLAP # 100122 AIHA is tested, as received by | 11 MA # AA000052 007 V # LT000597 PAT# 100122 y the laboratory. Verifiabili | Condition of Samples: Acceptable: Y Comments: AIHA Registry Program Organization ID: 10012 ty of the laboratory's result | N ms Asbestos Analyst Re 22 s is limited to the FB/mm ² | gistry | QC Rece | ount Analyst/Date | Field/Lab |
| | please serve | Temarks | to MKea | Page 1 Of | pmpanies.com | n J GKact | ZYNSKI@ + | rccompas | #~3,CO/~ |

Gonzalez, Ivanilly

From: Sent: To: Subject: Kearney, Mark < MKearney@trccompanies.com> Friday, May 31, 2019 4:26 PM Gonzalez, Ivanilly RE: UI, ES Station B East Offices

[EXTERNAL EMAIL]

We want TEM AHERA analysis. Thanks for checking.

From: Gonzalez, Ivanilly [mailto:igonzalez@EMSL.com]
Sent: Friday, May 31, 2019 4:25 PM
To: Kearney, Mark <MKearney@trccompanies.com>
Subject: UI, ES Station B East Offices
Importance: High

Good afternoon Mark,

Tyler dropped air samples for analyses but the cassettes are TEM cassettes and the COC states for NIOSH 7400 method. Please advise which correct Test Method you need. Samples will be place on hold until you confirm.

Thank you Ivy



Ivanilly Gonzalez | Administrative Assistant

EMSL Analytical, Inc. | 29 North Plains Highway, Unit #4 | Wallingford, CT 06492 Phone: 203-284-5948 | Fax: 203-284-5978 | Toll Free: 800-220-3675 Lab Hours: Monday - Friday 8AM - 5:30PM, Saturday-Sunday On-Call

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|--|--|--|---|---|---------------------------------------|--------------------------------------|---|
| | | | RAGEN | IEN - NOO | K 6437ET | s e peuesi | AL AREA |
| | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | • | Edition: August 2018 Sumersedes Previous Edition |
| AIR SAMPLE / | ANALYSIS | REPORT P | roject No.: 263% | 51, 00028.0e | X31 Date (0/ | 7/19 | Pade 25 of 25 |
| Client: //L | | Ű | ampler Print: Tyle | Machulum | Signature. | ale males | Date 6/2/14 |
| | | | | M / II AA | | 1 | Date / / / / / |
| Site: L J JIJION | | A | nalyst Print: WG | Ken March | Signature: Z | Les Marthan | Analyzed: 9/0/14 |
| Address: 510 Cm | d Ave | Ø | C Analvst Print: | 1 Allarmo | Signature: | 1) al al and a los | Date —Analyzad: i.a.////// |
| May Haven C | J | _ | | 11 | | 1000 | Date / / |
| | - | | ab Supervisor Print: | LANIMON | sco-Signature: 🛃 | ///// | |
| Contact/Name: <u>M KcM</u> | W Phone: | Å | otometer No.: | <u>-15</u> | Date of Calil | bration: <u>S/27/P</u> | Lab No. 53 888 |
| Relative Standard Devi | ation (Sr) | M | icroscope No. | 12002 | Received in Lab fo | or Analysis: 🛛 G | DC Only: |
| Range Fibers/fields Intra-lab 5 <20/100 0.520 | r Inter-lab St St | ample Type: PCM | s TEM D Other: | Analysis | Method: NIOSH 74 | DO 🛛 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | lssue 2 8/15 2. Prep. 3. Work Area | /94 A rutes 4. Environmental 5. I | Personal 6. Clearance |
| Sample No. | 126 | 127 | 128 | 124 | 30 | 131 | 132 |
| Sampling Location/Comments | हिंदे | ۲×۲ | North | South | Center | SB | FB FB |
| Type of Sample | 9 | 9 | 9 | 6 | 6 | <i>o</i>) | 2 |
| Pump Number | ~ | 2 | m | 7 | 5 | | |
| Start Time/Stop Time | 10:50 12:10 | 10 550 12110 | 10120 DE101 | 0121 09,00 | 0,21 02,0 | | |
| Total Time (min) | 20 | 80 | 8 | 80 | 0 M | K | |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 15 | 15 15 | | |
| Total Volume (I) | GOL | 00C1 | -1200 | 1200 | 00-61 | | |
| FB BFB FL BFL | 9/ <i>ieo</i> | 7/100 | 5/100 | 8/100 | 10/1 00 | 001/0 | 0/10 |
| Filter Fiber Conc. (fibers/mm ²) | N. LIV | 16.2 | 6.36 | 10.14 | 12,73 |) | - (|
| Airborne Fiber Conc. (fibers/cc) | 0,0074 | 0.0073 | AUXA,202 | 0.003 | 0.004 | 9 | |
| STANDARDS | | | Relinquished by: | Suler mar | Harry Date | 6/13/19 | Time |
| <pre>1 <0.01 f/cc - EPA Re-Occupan 0.10 f/cc - OSHA Permissible E</pre> | cy Clearance Criteria Exposure Limit (8 hr. T | (AW | Received By: | lite | Date | in find 19 | Time ဝန်ပင် |
| 1.0 f/cc – OSHA 30 min Excurs | ton Level the limit of detection | | Relinquished by: | | Date | • | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | | Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI | rtical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: | | | QC Reco | unt |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 3333000283 | / # 10980 RI # AAL-(VT # AL910359 WV | 007 / # LT000597 | Comments: AIHA Registry Program | s Asbestos Analyst Reg | stry | FB/FL A | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA IF Results relate only to the samples | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabili | Organization ID: 100122 ty of the laboratory's results | 2 is limited to the FB/mm ² . | | | |

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| Edition: August 2018 Supersedes Previous Edition | 10 Page 26 of 26 | Let May analyzed 6/3/19 | i Date Date | Date Date tellulles | ation: Lab No. 53 S\$ 8 | | A rules Environmental 5. Personal 6. Clearance | | | | | | | | | | | | (0/13/19 Time 400 | | Time | OC Recount FB/FL Analyst/Date Field/Lab Lefl.co [Uec. [0]/47/19 Lefl. | |
|---|--|--------------------------|------------------|----------------------|----------------------------|---|---|------------|-------------------------------|----------------|-------------|----------------------|------------------|-----------|------------------|------------------|---|-------------------------------------|---|--|----------------------------------|---|---|
| | 21 Date: 03 | R ID. Signature: h | Signature: | Signature: | Date of Calibr | Received in Lab for Method: NIOSH 7400 | lssue 2 8/15/9 2. Prep. 3. Work Area 4. | (37 | Lenter | 6 | S | 1:16 2:36 | 22 | 15 15 | 9021 | 001/2 | 8.91 | 0.0023 | Date | Date | Date | istry /35 | |
| | 51. 00028, 000 | Mailullucay A | UN Marson | UL LI Marra | 11-11 | 2302 | Sample: 1. Background | 136 | South | ¢ | ۲ ۲ | 1:16 2:36 | C & | IS 15 | 1200 | 4/100 | 5.09 | ND2 9.002 | 1. Jule Mars | | boratory: | N | ts is limited to the FB/mm [∠] . |
| | roject No.: 2639 ampler Print: 70/6 | nalyst Print: Tyle(| C Analyst Print: | ab Supervisor Print: | totometer No.: | licroscope No I (>> TEM □ Other: | Type of S | 135 | Noth | 9 | Ś | 1:16 2:3h | 20 | K B | 1200 | 8/100 | 10,14 | 6.00.6 | Relinquished by Received By: | Relinquished by | Received by Lat | Condition of Samples: Acceptable: Y Comments: AlHA Registry Program | ity of the laboratory's result |
| 1 860-298-9692 | | A | 0 | | æ | N amole Tvoe: PCW | | 134 | West | -3 | 2 | 1:16 2:36 | 20 | 15 25 | 0001 | 11/100 | 14.01 X | 0.0084 | | | | 11 MA # AA000052 -007 V # LT000597 \ PAT# 100122 | y the laboratory. Verinabil |
| 21 Griffin Road North Windsor, CT 06095 | ANALYSIS | 3 D6 #2 | nd Ave. | | <u>nty</u> Phone: | / iation (Sr) Sr inter-lab Sr S | 0.451 | 133 | East | 6 | | 1.26 2.36 | 20 | 15 25 | 0070 | 6/100 | 7,64 | 0.002 | ncy Clearance Criteria | resion Level | /100 fields | alytical Certifications: II # L-09-004 LA #050 VY # 10980 RI # AAL- 83 VT # AL910359 W IIILAP # 100122 AIHA | es tested, as receiveu pj |
| | AIR SAMPLE Client UI | site: <u>ES Shylon T</u> | Address: 510 603 | New Hoven, L | Contact/Name: <u>M.Kex</u> | Range Fibers/fields Intra-lab | 20.5 to 50/100 0.352 >50/100 0.352 | Sample No. | Sampling Location/Comments | Type of Sample | Pump Number | Start Time/Stop Time | Total Time (min) | Flow Rate | Total Volume (I) | FB BFB FL BFL | Filter Fiber Conc. (fibers/mm ²) | Airborne Fiber Conc. (fibers/cc) | STANDARDS <0.01 f/cc - EPA Re-Occupa | 0. 10 f/cc - OSHA 30 min Excur 1.0 f/cc - OSHA 30 min Excur ND/ Non Defected has the | Limit of Detection - 5.5 fibers/ | TRC Laboratory Asbestos An ⁶ AZ # AZ0944 CT#PH-0426 H ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 Philadelphia # 461 AIHA (| Results relate only to the samp. |

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| CHPC) | Edition: August 2018 Supersedes Previous Edition | 10/19 Page 23 of 33 | Why Mark Date: Cylol M | Date Date Date | Date Date | bration: Lah Nn 52 882 | or Analysis: □ QC Only: ⊠ | 00 PAHERA Dother: | 4. Environmental 5. Personal & Clearance | 177 174 | SB RB | | | | | | | 9/100 0/100 | | | 6/13/19 Time | 10/14/19 Time 05.00 | Time | Time | QC Recount FB/F4 Analyst/Date , Field/Lab | alies bedielight lits |
|----------------|---|--|------------------------|-------------------------|---------------------|----------------------------|--------------------------------|---------------------------------------|--|------------|-------------------------------|----------------|-------------|----------------------|------------------|-----------|------------------|------------------|------------------------------------|-------------------------------------|------------------|--|--|------------------------------------|--|---|
| OFFICE KIT | | <u>ol</u> Date: 0 | R ID: Signature | Signature: | Signature: | Date of Cali | Received in Lab fo | Method: NIOSH 74 Issue 2 8/15 | 2. Prep. 3. Work Area | 176 | Center | 2 | N | <u>8:34 9:64</u> | 00 | is is | 000() | 7/100 | 8.91 | 0,0013 C | Date | Date | Date | Date | Sample No. | istry 173 |
| 2 - EAST | | 151.00028.00 | Marchuren AA | 2 Muarreson | 112 Allams | 57, | 2002 | Analysis | ample: 1. Background | 175 | Sauth | 9 | L | 8:34 9:54 | 60 | 15 IS | 0000 | 5/100 | 6.36 | N043.002 | Fife mark the | l'he have | | oratory: | | is Asbestos Analyst Reg 2 i is limited to the FB/mm² |
| 15T FLOOK | | oject No.: <u>みゆう</u> mnler Print ⁻ ふん | alyst Print: 1/6 | C Analyst Print: | b Supervisor Print: | tometer No.: H | croscope No | 🔉 TEM 🗆 Other: 🗕 | Type of S | 174 | Noth | ø | m | 8.34 9.54 | 80 | 15 15 | 1200 | 001/10 | 11.46 | 0.0034 | Relinquished by: | Received By: 🚤 | Relinquished by: | Received by Lab | Condition of Samples: Acceptable: Y | AlHA Registry Program Organization ID: 10012 of the laboratory's results |
| | 160-298-9692 | REPORT Pr | A | ğ | Га | Ro | Mi | ample Type: PCM | | 173 | なっ | 0 | 2 | 8:34 9:54 | % | 15 IS | oc(। | | 19.41 | 0,004 / | | WA) | | | 1 MA # AA000052 | * # LT000597 PAT# 100122 the laboratory. Verifiability |
| | 21 Griffin Road North Windsor, CT 06095 | ANALYSIS | B Kitchen | nd Auc | 5 | May Phone:_ | iation (Sr) Sr Inter-Job Sr | 0.451 | 0.387 | 172 | East | 2 | | 8:34 9:54 | 00 | 13 15 | 007) | 10/100 | N.73 | 8.00H | | Tcy Clearance Unterra Exposure Limit (8 hr. T | sion Level n the limit of detection | 100 fields | lytical Certifications: 1 # L-09-004 LA #0501 1 # 10980 R1 # AAL-C | <pre>I3 VT # AL910359 WV HLAP # 100122 AIHA is tested, as received by</pre> |
| ہ ہو میں | | Client: MT | site: ES Station | Address: <u>510 Gra</u> | Men Haven I | Contact/Name: <u>// Kc</u> | Range Phiners/fields Intra-lab | <20/100 0.520 20.5 to 50/100 0.522 | >50/100 0.295 | Sample No. | Sampling Location/Comments | Type of Sample | Pump Number | Start Time/Stop Time | Total Time (min) | Flow Rate | Total Volume (I) | FB BFL FL BFL | Filter Fiber Conc. (fibers/mm²) | Airborne Fiber Conc. (fibers/cc) | STANDARDS | 0.10 f/cc ~ OSHA Permissible | ND< - Non Detected, less that | ر Limit of Detection – 5.5 fibers/ | © TRC Laboratory Asbestos Ana AZ # AZ0944 CT#PH0426 Hi ME # LA-0075 NJ # CT004 N | I X # 300354 VA # 333300026 Philadelphia # 461 AIHA I Results relate only to the sample |

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| STRC | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | | Edition: Augus | st 2018 |
|--|--|---|---|---|--|------------------------------|--|-----------------|
| AIR SAMPLE | ANALYSIS | REPORT P | roject No: 2103 | 951.00028. | 0001 Data 101 | 18/19 | Supersedes Pr | revious Edition |
| Client: UI | | S | ampler Print: TV/e | (Mailelluray | Signature: | he Marking | Page <u></u> | hours |
| site: English St. | otion Asser | nbly Hall A | nalyst Print: | Macbilliuray AA | R ID: Signature: | bi Macha | Date: <i>@[</i> Date Analyzed: | 19/28/N |
| Address: <u>50 Grav</u> | nd Ave | Q | C Analyst Print: | 1 stilles - con | Signature: | | Date | - lin lin |
| New Hoven, (| ビス | La | ab Supervisor Print: | Wellam | <u></u> Signature: | luce | Date | +110/19 |
| Contact/Name: <u>//.Kctv</u> | Ney Phone: | R | otometer No.: | 75 | Date of Calibr | ation SI271 | tabNo.∮ | CZQGD |
| Relative Standard Devis | ation (Sr) | M | licroscope No. 22 | .002 | Received in Lah for | Analveie: | | |
| Range Fibers/fieldsIntra-lab S<20/100 | or Inter-lab Sr 0.517 St | ample Type: PCM | TEM D Other: | Analysis I | Method: NIOSH 7400 | | Contraction of the contraction | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/15/9 2. Prep. 3. Work Area 4. | 4 A rules Environmental 5 | Personal 6 Ck | |
| Sample No. | 257 | 258 | 259 | 2100 | | | | |
| Sampling | Assombly | Assombly | Assembly | | · | <u> </u> | | |
| Location/Comments | North | East | south | 20 | | | | |
| Type of Sample | 1 | | 1 | | | | | |
| Pump Number | | 2 | 3 | | | ········· | | |
| Start Time/Stop Time | 8:25 14:23 | 8:25 14:23 | 8:25 14:23 | | | · | | |
| Total Time (min) | 358 | 358 | 358 | | | ,, | <u> </u> | · |
| Flow Rate | 3 3 | 3 3 | 33 | | | | <u> </u> | |
| Total Volume (I) | 1074 | 1074 | 1074 | | | | | |
| FB BFB FL BFL | 6/100 | 4/100 | 7/100 | 0/100 | · · · · · · · · · · · · · · · · · · · | | | |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 5.09 | 8,91 | | | <u> </u> | | |
| (fibers/cc) | 0.0823 | NUCO.0023 | 0.003 | - | | | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupan | cv Clearance Criteria | | Relinquished by: | John Morey | Date | 7/9/14 | | 60 |
| 0.10 f/cc - OSHA Permissible I 1.0 f/cc - OSHA 30 min Excurs | Exposure Limit (8 hr. 1 | WA) | Received By: | line | Date | 7/9/19 | | .00 |
| ND< - Non Detected, less than Limit of Detection 5.5 fibor // | the limit of detection | | Relinquished by: | . <u> </u> | Date | | _Time | |
| TRC Laboratory Asbestos Analy | vtical Certificatione: | | Received by Lab | oratory: | Date | | _Time | |
| AZ # AZ0944 CT#PH-0426 HI | #L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | Ñ | 4 | QC Re | count | |
| TX # 300354 VA # 3333000283 | 3 VT # AL910359 WA | JU7 / # LT000597 | Comments: | 15 Asbestos Analyst Reg | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Results relate only to the sample | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabil | Organization ID: 10012 ity of the laboratory's results | 2 s is limited to the FB/mm ² . | | | | |

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| A TAC | 21 Griffin Road North | I | | | | | _ | | |
|---|--|--------------------------------|---|--|---------------------------------------|--------------------------------|----------------------|----------------------------|--------------------------|
| | Windsor, CT 06095 | 860-298-9692 | 0. | | _ | | Ed Su | tion: Augus | t 2018 evious Editior |
| AIR SAIVIPLE | ANALYSIS | REPORT Pr | oject No.: <u>263</u> | 951.0028.00 | <u>)</u> Date: | 6128/1 | 4 | Page 47 | 3 of 43 |
| Client: <u>UI</u> | | Sa | ampler Print: <u>Tyles</u> | Machiner | Signature | : Flor M | Bely [| Date: 0 | DONA |
| Site: ES Station | B Exterior L | Vindows Ar | | Machillum AA | <u>RID:</u> | YAM | I and I | vate | 1.10000 |
| Address: 510 Com | nd Avec | | | | Signature | <u> </u> | May A | inalyzed: <u>(</u>)ate | <u>91281 V</u> |
| Mudreas. <u></u> | NC / IVG | Q(| C Analyst Print: | Allamson | z Signature | : <u> </u> | - A | nalyzed: | 7/10/19 |
| New Moven, C | | La | b Supervisor Print | Williamso | Signature | Kee | | iate ssued: _ ₹ | 10/19 |
| Contact/Name: M.Kca | Mey Phone: | Ro | otometer No.: <u>L</u> | -25 | Date of C | Calibration: | SIDDAL | ab No 🕢 | E2990 |
| Relative Standard Devi | iation (Sr) | M | icroscope No. <u> </u> | 2002 | Received in La | b for Analy | sis: 🗌 OC | Only: | |
| <u><20/100</u> 0.520 | 0.517 S | ample Type: PCM | 🎗 TEM 🗆 Other: | Analysis | Method: NIOSH | 7400 😥 | AHERA 🗆 (| Other: | |
| 20.5 10 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 2. Prep. 3, Work A | 8/15/94 A ru rea 4. Environ | ules mental 5 Per | | |
| Sample No. | 261 | 262 | 263 | 5/.4 | | | | | |
| Sampling | Station B | Station B | Station B | <u> </u> | | <u> </u> | | <u> </u> | |
| Location/Comments | East | South | Int | 1-15 | | | | | |
| Type of Sample | | l | 1 | | | | | , | |
| Pump Number | 4 | 5 | 6 | \land | · · · · · · · · · · · · · · · · · · · | | · | | |
| Start Time/Stop Time | 8:10 14:02 | 810 14:02 | 8:10 14:02 | | | | | | |
| Total Time (min) | 352 | 351 | 352 | | l | | | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | · | | | | |
| Total Volume (I) | 1056 | 1056 | 1056 | | | | | | |
| FB BFB FLBFL | 8/100 | 3/100 | 6/100 | 0/100 | | | | | |
| Filter Fiber Conc. (fibers/mm ²) | 10,19 | 3.82 | 7.64 | - | | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.0034 | ND <0.00 73 | 0.0023 | - | | | | | |
| STANDARDS | | | Relinquished by: | Ster Most | Aly Da | te 7/9/ | 14 Tin | H4:2 | 20 |
| 0.10 f/cc – OSHA Permissible | Exposure Limit (8 hr. | TWA) | Received By: | luc | Da | te 7/9 | 119 Tin | те <u> </u> | |
| ND< - Non Detected, less that | sion Level n the limit of detection | | Relinquished by: | | Da | te | Tin | | <u> </u> |
| Limit of Detection - 5.5 fibers/1 | 100 fields | | Received by Lab | ooratory: | Da | te | Tin | 10 | <u> </u> |
| AZ # AZ0944 CT#PH-0426 HI | lytical Certifications: # L-09-004 LA #0501 | 11 MA # AA000052 | Condition of Samples: | Ň | | | | | - <u></u> |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 333300028 | Y # 10980 RI # AAL- | 007 | Comments: | | Sample 1 | No. FB/FL | Anal | yst/Date | Field/Lab |
| Philadelphia # 461 AIHA II | HLAP # 100122 AIHA | V # L1000597 A PAT# 100122 | AIHA Registry Program Organization ID: 10012 | ns Asbestos Analyst Reg 2 | listry Zco. | L 21 | 100 VL | 27/10/19 | 106 |
| results relate only to the sample | es tested, as received by | y the laboratory. Verifiabilit | y of the laboratory's result | s is limited to the FB/mm ² . | L | | · | 360 | , |

| STRC | 21 Griffin Road North Windsor, CT 06095_8 | 360-298-9692 | | | | | Edition: Augu | st 2018 |
|--|--|--|--|--|--|--|----------------------------|------------------|
| AIR SAMPLE | ANALYSIS | | piect No: 26 | 3951,00028 | and num 7 | 11/10 | Supersedes P | revious Edition |
| Client: UI | | Se | ampler Print: TV | C Mail Mucout | | T.A. Mall | Page 7 | 1_of <u>44</u> _ |
| site: ES Assembl | y Hall | Ar | alyst Print: Tyla | Macharlhusoy AA | R ID: Signature: L | Fly Moder | Date: Date Analyzed: | 7/1/19 |
| Address: 510 Gra | nd Ave | Q | CAnalyst Print | e alliano | | 11 | Date | -1 /- |
| New Hoven C | T | La | b Supervisor Print: | Vullianco | Signature: | une la | Date | +110/19 |
| Contact/Name: M.Kco | MAN_ Phone:_ | Ro | otometer No.: | 25 | Date of Cali | bration: 5/20/ | Issued | 53990 |
| Relative Standard Devi | ation (Sr) | Mi | croscope No. 2 | 2002 | Received in Lab f | or Analysis: 🗆 | | <u>, , ((0</u> |
| Range Fibers/fieldsIntra-lab S<20/100 | or Inter-lab Sr 0.517 Sa | ample Type: PCM | TEM D Other: | Analysis M | Aethod: NIOSH 74 | 00 🖋 AHERA | □ Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | mple: (1. Background) | lssue 2 8/15 2. Prep. 3. Work Area | i/94 A rules 4 Environmental / | Borsonal 6 Cl | |
| Sample No. | 265 | 2/0/0 | 267 | | | | | |
| Sampling Location/Comments | North | East | South | | | | | |
| Type of Sample | l | 1 | 1 | · · · · · · · · · · · · · · · · · · · | | | | |
| Pump Number | 1 | 2 | . 3 | | | | | |
| Start Time/Stop Time | 800 16:45 | 800 16:45 | 800 16:95 | | | | | |
| Total Time (min) | 525 | 525 | 525 | | | <u> </u> | | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | | | |
| Total Volume (I) | 1575 | 1575 | 1575 | | | <u> </u> | | |
| FB BFB FL BFL | 6/100 | 4/100 | 9/100 | | | | _ | |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 5,09 | 11.46 | | ······································ | | | |
| Airborne Fiber Conc. (fibers/cc) | 0,002 | 1002 | 0.007.3 | | | | | |
| STANDARDS | | | Relinquished by: | Juper Most | In Date | 7/4/14 | Time 14.0 | 50 |
| 0.10 f/cc - OSHA Permissible E | cy Clearance Criteria Exposure Limit (8 hr. T | WA) | Received By: | dece | Date | 7/9/19 | | 20 |
| 1.0 t/cc – OSHA 30 min Excurs ND< Non Detected, less than | ion Level the limit of detection | | Relinquished by: | | Date_ | | Time | |
| Limit of Detection – 5.5 fibers/1 | 00 fields | | Received by Labo | pratory: | Date | | _Time | |
| AZ # AZ0944 CT#PH-0426 HI | rtical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples | | | OC Re | eount | |
| ME # LA0075 NJ # CT004 NY TX # 300354 VA # 3333000283 | /#10980 RI#AAL-0 VT#AL910359 WM | 07 / # LT000597 | Comments: | | Sample No. | FB/FL | Analyst/Date | Field/Lab |
| Philadelphia # 461 AIHA IH Results relate only to the samples | LAP # 100122 AIHA | PAT# 100122 the laboratory. Verifiability | Organization ID: 100122 of the laboratory's results | s Aspesios Analyst Regis : is limited to the FB/mm². | | | | |

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| | Windsor, CT 06095 8 | 60-298-9692 | 0.4 | 2 Dr. | | | Edition: August 2018 Supersedes Previous |
|---|--|-------------------|---------------------------|----------------------|--------------------------------------|--|---|
| AIR SAIVIPLE A | ANALYSIS | REPORT Pr | roject No.: | <u>3751. 00028,</u> | <u></u> Date: | 11/14 | Page <u>45</u> of |
| | | Sa | ampler Print: <u>14</u> 2 | Mailallinray | Signature: _ | Filer Mostin | Date: _7/1/ |
| Site: ES Assemb | dy Hall K | <u>mp Room</u> Ar | nalyst Print: Tyle | Macbellura 17 | <u>AR ID:</u> Signature: <i>1</i> | Fran Marks | Date |
| Address: 510 Grav | nd Ave | ۱ Q(| C Analyst Print: | e Allen man | Signature: | VI. | Date |
| New Hoven, C | Τ | La | b Supervisor Print | VIIIlle | Signature | and the second s | Date |
| Contact/Name MKa | | B | formater No | H-21 | | <u>Electrony</u> | Issued: |
| Relative Standard Devi | ation (Sr) | KU | | | Date of Cali | bration: <u>5/20/14</u> | Lab No. <u>53</u> |
| Range Fibers/fields Intra-lab S | Sr Inter-lab Sr Sa | ample Type: PCM | X TEM D Other: | Anglugia | Received in Lab f | or Analysis: 🗌 🛛 Q | C Only: 🖅 🗕 🚽 |
| 20.5 to 50/100 0.352 | 0.451 | | Type of S | Analysis | issue 2 8/18 | 00 🐼 AHERA 🗋 i/94 Arules | Other: |
| Sample No. | <u>0.387</u> | 069 | | ample: 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. P | ersonal 6. Clearanc |
| Sampling | Pump Room | Pump Room | PIMDRoom | Pumo Roan | 212 Dund Parm | 2/3 | 274 |
| Location/Comments | North | West | South | Est | Contes | SB | FB |
| Type of Sample | 6 | Ğ | 6 | 6 | 6 | | <u> </u> |
| Pump Number | | 2 | 3 | Ŭ | 5 | | $\langle \cdot \rangle$ |
| Start Time/Stop Time | 1243 1403 | 1243 1403 | 1243 1403 | 1243 1403 | 1243 1403 | | |
| Total Time (min) | 80 | ୫୦ | ୫୦ | රිං | 80 | | |
| Total Values (I) | 15 15 | 15 15 | 15 15 | 15 15 | 15 15 | | |
| | 1400 | V LOO | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 6/100 | 7/100 | 5/100 | 9/100 | 8/100 | 0/100 | 9/100 |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 8.91 | 6.36 | 11.46 | 510,14 | | - |
| Airborne Fiber Conc. (fibers/cc) | 0.092 | 0.0023 | NOXODON | 0,0034 | 0.003 | | ~ |
| STANDARDS <0.01 f/cc – EPA Re–Occupand | cy Clearance Criteria | | Relinquished by: | Type Mo | Date_ | 7/9/19 T | ime_14:00 |
| 0.10 f/cc ~ OSHA Permissible E 1.0 f/cc - OSHA 30 min Excurs | Exposure Limit (8 hr. T | WA) | Received By: | 1/2 - | Date | 7/12/19 T | ime |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/10 | the limit of detection | | Relinquished by: | | Date | Т | ime |
| TRC Laboratory Asbestos Analy | rtical Certifications: | | Condition of Samples | ∽ | Date | T | ime |
| AZ#AZ0944 CT#PH0426 HI ME#LA-0075 NJ#CT004 NY | # L-09-004 LA #0501 / # 10980 R! # AAL0 | 1 MA # AA000052 | Acceptable: YN | N | Sample No. | QC Recou | nt |
| TX # 300354 VA # 3333000283 | VT # AL 010250 MAN | | | | Sample No. | An An | aryst/Date, Field |

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| STRC 🔇 | 21 Griffin Road North Windsor, CT 06095_8 | 60-298-9692 | | | | | Edition: Augu | ust 2018 |
|---|---|-------------------------------|--|--|---------------------------------------|----------------------------------|--|-----------------------|
| AIR SAMPLE | ANALYSIS | | | 3951.0028.00 | 61 Data: 71 | 7/19 | Supersedes F | Previous Edition |
| Client: UI | | Sa | ampler Print: Tyles | Machellineau | | The MapH. | | <u>v</u> of <u>4e</u> |
| site: ES Aux b | mildings | Ar | nalyst Print: Tyles | Madilivay At | AR ID: Signature: | Je Madry | _ Date: Date Analyzed | 7/1/A |
| Address: 510 Bra | nd Avo | Q | C Analyst Print: | esplice and | | 11 | Date | - lu la |
| New Hoven, C | T | La | b Supervisor Print: | Williams | Signature: | 11/2 | Analyzed: Date | +110/19 7/10/19 |
| Contact/Name: M.Kor | Nev Phone: | Ro | otometer No.:) | -25 | Date of Calil | brotion. Cladit | | |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. 2 | 2002 | Date of Call | | | 59190 |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr 0.517 Sa | mple Type: PCM | Ծ TEM □ Other: | Analysis | Method: NIOSH 74 | n Analysis;∐ (00 xa: Ahfra r | .,C Only:# | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4 Environmental 5 | | |
| Sample No. | 275 | 276 | רהר | 178 | 070 | | | |
| Sampling | Assambly Hall | Assembly | Contractor | Contrator | 217 | 200 | | |
| Location/Comments | East | Hall West | North | South | SR | +B | | ĺ |
| Type of Sample | <u> </u> | 1 | 1 | 1 | | | | |
| Pump Number | | 2 | 3 | L L | | | <u></u> | |
| Start Time/Stop Time | 1:50 16:30 | 7.50 1.30 | 7:50 16:30 | 7:50 16.30 | | | | |
| Total Time (min) | 400 520 | 520 460 | 520 460 | 520460 | | X | | |
| Flow Rate | 2.5 2.5 | 2.5 2.5 | 2.5 2.5 | 2.5 2.5 | | $-/\lambda$ | 1 | |
| Total Volume (I) | 1150 1300 | 1300(150 | 150 1300 | 1300 1150 | | | | |
| FB 8FB FL BFL | 6/100 | 8/100 | 7/100 | 3/100 | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 18,19 | 8,91 (v.) | 3.82 | - | | <u> </u> | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | 0.003 | 0.0023 | NDL0,002 | - | - | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupand | cy Clearance Criteria | | Relinguished by: Received By: | Jer Mar | Date | 7/9/14 | Time <u>14.3</u> | 00 |
| 1.0 f/cc – OSHA 30 min Excurs | ion Level | VVA) | Relinguished by: | | Date | 710917 | Time <u>/</u> | 500 |
| Limit of Detection - 5.5 fibers/1 | the limit of detection 00 fields | | Received by Lab | oratory: | Date | | Time | |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH0426 HI | tical Certifications: # L-09-004 I A #0501 | | Condition of Samples: | ····· | | | | |
| ME # LA-0075 NJ # CT004 NY | /# 10980 RI # AAL-0 | 07 # L T000507 | Comments: | · | Sample No. | FB/FL A | unalyst/Date | Field/Lab |
| Philadelphia # 461 AIHA IH | LAP # 100122 AIHA | # ∟1000597 PAT# 100122 | AIHA Registry Program Organization ID: 100122 | is Asbestos Analyst Reg 2 | listry | | ······································ | |
| results relate only to the samples | tested, as received by | the laboratory. Verifiability | of the laboratory's results | is limited to the FB/mm ² . | L | | | 363 |

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|--|--|--|---|---|-------------------------|--------------------------------------|---------------------------------|
| AIR SAMPLE A | ANALYSIS | REPORT Pr | oject No.: 263 | 151.00028.00 | 001 Date: 7/ | 13/14 | Dece 47 of 147 |
| Client: <u>UI</u> | | Sa | ampler Print: Tyle | Machellinsex | Signature: | Der Main, | Date: 7/3//d |
| site Es Contractor | storger b | xulting A. | alvet Drint: Tyle | Mar Margar At | AR ID: | A Marth | Date Date |
| Address 510 Ca | | <u> </u> | | Tradonarcy [| Signature: <u>/</u> | jung jung | Analyzed: <u>//3//4</u> Date |
| | <u>∞rnc_/⊤∨e</u> | Q(| C Analyst Print: | Villiams | <u>محص</u> Signature: _ | luin | -Analyzed: 7-/10/19 |
| New Hoven, C | .1 | La | b Supervisor Print: | Williamse | Signature: | lea | -tssued: 7/10/19 |
| Contact/Name: <u>M.Kcar</u> | <u>Ney</u> Phone:_ | Ro | otometer No.: <u>H</u> | - 21 | Date of Calil | pration: 5/29/14 | Lab No. 53990 |
| Relative Standard Devis | ation (Sr) | Mi | icroscope No2 | 2002 | Received in Lab fo | or Analysis: 🗌 🛛 🔾 | C Only: 1 |
| <20/100 0.520 20.5 to 50/100 0.352 | 0.517 S | ample Type: PCM | 🔉 TEM 🗆 Other: | Analysis | Method: NIOSH 74 | | Other: |
| >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | 2. Prep. 3. Work Area | 794 A rules 4. Environmental 5. F | ersonal 6. Clearance |
| Sample No. | 231 | 282 | 283 | 284 | 285 | 236 | 287 |
| Sampling Location/Comments | Con North | Con South | Can East | Con West | Con Center | SB | FB |
| Type of Sample | 6 | 6 | G | 6 | 6 | | |
| Pump Number | 1 | 2 | 3 | 4 | -5 | \mathbf{X} | |
| Start Time/Stop Time | 645 805 | 645 805 | 645 805 | 645 805 | 645 805 | | |
| Total Time (min) | 80 | 80 | 80 | 30 | ନ୍ତ୍ରତ | | |
| Flow Rate | 15 15 | 15 15 | 15 15 | 15 25 | 15 15 | | |
| Total Volume (I) | 1200 | 1220 | 1200 | 1200 | 1200 | | |
| FB BFB FL BFL | 7/100 | 5/100 | 3/100 | 4/100 | 5/100 | 0/106 | 0/100 |
| Filter Fiber Conc. (fibers/mm²) | 3,91 | 6.36 | 3.82 | 5.04 | 6.36 | | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | ND40.002 | NDC0.362 | NDX0,002 | 1040.007 | - | ~ |
| | | | Relinguished by: | Joyler Mor | BALLY_Date_ | 719119 | Гіте 14.00 |
| 0.10 f/cc – OSHA Permissible E | Exposure Limit (8 hr. 1 | TWA) | Received By: 🟒 | le - | Date | 7/10/19 - | Гіте <u>/<>></u> |
| ND< - Non Detected, less than | the limit of detection | | Relinguished by: | | Date | | ſime |
| Limit of Detection – 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | | ſime |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y | ~ N | | QC Reco | unt |
| ME # LA-0075 NJ # CT004 N TX # 300354 VA # 3333000283 | /#10980 RI#AAL-(VT#AL910359 WA | 007 / # LT000597 | Comments: | IS Aspestos Analyst Par | Sample No. | FB/FL AI | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA IH Results relate only to the samples | LAP # 100122 AIHA tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 10012 y of the laboratory's results | 2 s is limited to the FB/mm ² . | | 11100 1 | 264 |

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|--|--|--|--|---|---------------------------------------|---|--------------------------|---------------------------------|---------------------------------|
| AIR SAMPLE / | ANALYSIS | | piect No. 2/3 | 951,00028. | റഹാ) പ | | 3/10 | | |
| Client: UI | | Se | $\frac{1}{1} = \frac{1}{1} = \frac{1}$ | · C Marlally | | ignoturo: | Inter Mall | $-$ Page $-\frac{1}{7}$ | <u>9</u> of <u>78</u> 27 / 1 |
| site: ES Controcto | <u>c /storage b</u> | ailling An | alyst Print: Tyles | Machillwray | | ignature: <u>7</u> | fer mous | Date: <u>70</u> Date Date | 7/3/19 |
| Address: 510 Gran | id Ave | Q(| C Analyst Print: <u><i>C.(</i></u> | emire | S | ionature: | Stor In | Date | 8/02/19 |
| New Haven, | CT | La | b Supervisor Print: | Kellas | | ignature: | the a | Date | s/22/19 |
| Contact/Name: M.K. | http://www.phone:_ | Ro | otometer No.: <u>L</u> | -25 | D | ate of Calib | pration: 5120 | Lab No. | 54143 |
| Relative Standard Devia | ation (Sr) | Mi | croscope No | 2002 | _ Receive | d in Lab fo | r Analysis: 🗌 | QC Only: I个 | <u> </u> |
| Kange Fibers/fields Intra-lab S <20/100 | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | ample Type: PCM | 쟙 TEM 		Other: Type of Sa | Analys | is Method: | NIOSH 740 Issue 2 8/15/ Work Area | 10 🎓 AHERA 94 A rules | ↓ □ Other: | |
| Sample No. | 288 | 239 | 290 | | | | | | |
| Sampling Location/Comments | Con South | Con North | Con East | | | | | | |
| Type of Sample | 1 | 1 | 1 | · | | | | | |
| Pump Number | l | 2 | _3 | | · · · · · · · · · · · · · · · · · · · | | | | ····· |
| Start Time/Stop Time | 800 14:15 | 800 14:15 | 800 14:15 | | | | | | ···· |
| Total Time (min) | 375 | 375 | 375 | | | | | L | |
| Flow Rate | 3 3 | 3 3 | 3 3 | | | - | | | |
| Total Volume (I) | 1125 | 1125 | 1125 | | | | | | |
| FB BFB FL BFL | 6/100 | 4/100 | 5/100 | | | | | | |
| Filter Fiber Conc. (fibers/mm²) | 7.64 | 5.99 | 6.36 | 1 | | | ····· | | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | ND:0.002 | NOL 0.002 | A | | | | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupand 0.10 f/cc ~ OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. T ion Level the limit of detection 00 fields | WA) | Relinquished by: Received By: Relinquished by: Received by Labo | Julee M | neth | 2Date Date Date | 8/21/19 8/22/19 | Time6 Time6 Time | 30 702) |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI | /tical Certifications: # L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: Y | · | | | QC R | lecount | |
| TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH Results relate only to the samples | VT # AL910359 WV ILAP # 100122 AIHA tested, as received by | / # LT000597 PAT# 100122 the laboratory. Verifiability | AIHA Registry Program Organization ID: 100122 of the laboratory's results | s Asbestos Analyst F ? is limited to the FB/m | Registry | Sample No. | | Analyst/Date | Field/Lab |

| TRC | 21 Griffin Road North Windsor, CT 06095, a | 60-298-9692 | | | | | Edition: August 2018 |
|--|--|------------------------------|--|--|---------------------------------------|----------------------------------|--|
| AIR SAMPLE | ANALYSIS | | minut No. 9 | 3961 00000 0 | - 7 | 12/10 | Supersedes Previous Edition |
| Client WI | | | | March II was | <u></u> Date: | 1811 | _ Page <u>4/1</u> of <u>4/4</u> |
| | | 3 | ampier Print: <u>Vile</u> | AL ON AL | Signature: | Mar Mary | _ Date:B/ |
| Site: <u>FJ South</u> | lank Arez | A | nalyst Print: <u>Tyloc</u> | Madalway [|] Signature: | War Man | _ Analyzed: 7/ 31 19- |
| Address: <u>510 Gra</u> | nd Ave | Q | C Analyst Print: | omire | Signature: ₂ | pon | Date Analyzed: 8/20/19 |
| New Havon | 4 | La | ab Supervisor Print: , | Kelllan | ۔ پر Signature: | lica- | Date _lssued: <u>8/22/19</u> |
| Contact/Name: <u>Mike</u> | Mary_Phone:_ | R | otometer No.: | L-25 | Date of Cali | oration: | Lah No 54143 |
| Relative Standard Devis | ation (Sr) | м | icroscope No 2 | 2002 | Received in Lab fo | or Analysis, 🗍 🌔 | $\frac{1}{2} = \frac{1}{2} $ |
| Range Fibers/fieldsIntra-lab S<20/100 | or Inter-lab Sr Sa | ample Type: PCM | ৳-TEM □ Other: | Analysis | Method: NIOSH 74 | 00 A AHERA I | l Ofher: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/15 12 Prep. 3. Work Area | /94 A rules 4 Environmental 5 | Personal & Clearance |
| Sample No. | 291 | 2.92 | 292 | 294 | 020 | | |
| Sampling | Tank west | Tank East | Tank North | 5B | FB | | |
| Type of Sample | l | | | < | <u></u> | | |
| Pump Number | (| 2 | | | $ \land /$ | | |
| Start Time/Stop Time | 3:10 15:00 | 8:10 15:00 | 8:10 15:00 | | | | |
| Total Time (min) | 410 | 410 | 410 | | | · | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 1230 | 1230 | 1230 | | | | |
| FB BFB FL BFL | 5/100 | 7/100 | 12/120 | 0/100 | 0/100 | | |
| Filter Fiber Conc. (fibers/mm²) | 6.36 | 8,91 | 15.28 | - | | ······ | |
| Airborne Fiber Conc. (fibers/cc) | ND 4 0.002 | 0,0973 | 3,0045 | | | | |
| STANDARDS | | | Relinquished by: | . Inter Most | Mm7 Date | 8/21/10 | Time 17.00 |
| <0.01 f/cc – EPA Re–Occupant 0.10 f/cc – OSHA Permissible E | cy Clearance Criteria Exposure Limit (8 hr. T | WA) | Received By: | A L | Date | Sula | |
| 1.0 f/cc OSHA 30 min Excurs ND< Non Detected, less than | ion Level the limit of detection | | Relinquished by: | | Date | | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | | Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI | tical Certifications: #1-09-004 LA #0501 | 1 MA # 44000052 | Condition of Samples: | <u>_</u> | | OC Base | |
| ME # LA-0075 NJ # CT004 NY | (#10980 RI#AAL-0 | 107 | Comments: | ······································ | Sample No. | <u>FB/FL</u> A | nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA IH | v i # AL910359 WV ILAP # 100122 AIHA | 7# L1000597 PAT# 100122 | AIHA Registry Program Organization ID: 100123 | is Asbestos Analyst Reg 2 | pistry <u>243</u> | 1/100 C | 12 8/22/19 Lab |
| Results relate only to the samples | s tested, as received by | the laboratory. Verifiabilit | ty of the laboratory's results | is limited to the FB/mm ² . | L | <u>l.</u> l | 366 |

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|--|--|---|--|---|---------------------------------------|---------------------------------------|---|
| AIR SAMPLE | ANALYSIS | REPORT Pr | Diect No 263 | 151.00028.000 | 1 Data: 7/ | 9/14 | Supersedes Previous Edition |
| Client: UI | | Sa | ampler Print: Tula | Markellurav | Signature: | Bre Mart and | $\frac{1}{2} \operatorname{Page} \underbrace{- \frac{1}{2} \operatorname{Or}}_{- \frac{1}{2} \operatorname{Or}} \operatorname{Or} \underbrace{- \frac{1}{2} \operatorname{Or}}_{- \frac{1}{2} \operatorname{Or}}$ |
| site: ES Station | B | Ar | alyst Print: Wer | Madorillurary At | AR ID: Signature: 5 | die Martin | Date: <u>2/9/14</u> Date Analyzed: 7/9/10 |
| Address: <u>510 Gran</u> | d Ave | Q(| C Analyst Print: | Cenice | Signature: | Adas 1 | Date Analyzed: 8/22/19 |
| New Hoven, C | Τ | <u> </u> | b Supervisor Print: | 1 Lefillian | کے Signature: | 1 | Date -Issued: <u>8/22/19</u> |
| Contact/Name: <u>A.kon</u> | <u>∿⊘/</u> Phone:_ | Ro | otometer No.: <u>L</u> | -25 | Date of Cali | bration: 5/20/14 | - Lab No. 54143 |
| Relative Standard Devi | ation (Sr) | M | icroscope No. 🗾 | 22002 | Received in Lab fo | or Analysis; 🗌 🛛 | C Only: 🔨 |
| <20/100 0.520 20.5 to 50/100 0.252 | 0.517 Sa | ample Type: PCM | yos TEM □ Other: | Analysis | Method: NIOSH 74 | 00 🎓 AHERA 🖸 |] Other: |
| 20.3 10 30/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: d. Background | Issue 2 8/15 2. Prep. 3. Work Area | i/94 A rules 4. Environmental 5. I | Personal 6. Clearance |
| Sample No. | 296 | 297 | 248 | 294 | 300 | 301 | 302 |
| Sampling Location/Comments | East office Kitchen | Est office Critical | Reg Arez East | Reg Arca | Reg Arez | SB | FB |
| Type of Sample | l | t | 1 | C | 1 | k | |
| Pump Number | l | 2 | 3 | Ц | 5 | $\times /$ | + |
| Start Time/Stop Time | 7:50 9:25 | 7:50 9:25 | 9:54 14:06 | 9:54 14:06 | 9:54 14:06 | | |
| Total Time (min) | 95 | 95 | 252 | 252 | 252 | | +- |
| Flow Rate | 3 3 | 33 | 3 3 | 3 3 | 33 | | +-/ |
| Total Volume (I) | 285 | 285 | 756 | 756 | 756 | | |
| FB BFB FLBFL | 3/106 | 2/100 | 5/100 | 7/100 | 4/156 | 0/100 | 0/100 |
| Filter Fiber Conc. (fibers/mm²) | 3.82 | 2.54 | 6,36 | 5 8,91 | 5.09 | <u> </u> | ~ |
| Airborne Fiber Conc. (fibers/cc) | ND< 9,009 | NDC0.009 | ND<0.0034 | 0.0045 | NDK0.0074 | - | |
| STANDARDS <0.01 f/cc EPA ReOccupan | cy Clearance Criteria | | Relinquished by: | - I gol Moe | Date_ | 8121/14 | Time _ 17:00 |
| 0.10 f/cc – OSHA Permissible E | Exposure Limit (8 hr. T | WA) | Received By: | 122 | Date | 8/22/19 | Time |
| ND< Non Detected, less than | the limit of detection | | Relinquished by: | | Date | | Time |
| TRC Laboratory Asbestos Analy | tical Certifications | | Received by Lab | oratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | , N | | QC Reco | unt |
| TX # 300354 VA # 3333000283 | VT#AL910359 WV | /#LT000597 | AlHA Registry Program | as Asbestos Analyst Reg | jistry | FB/FLA | nalyst/Date Field/Lab |
| Results relate only to the samples | tested, as received by | PA I# 100122 the laboratory. Verifiability | Organization ID: 10012: of the laboratory's results | 2 is limited to the FB/mm ² . | | | 367 |

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|--|--|-------------------------------|---|---|----------------------------------|-----------------------------|--|
| AIR SAMPLE A | ANALYSIS | REPORT Pr | oiect No 263 | 951,00029 | 1001 Date: 7/ | 10/19 | Supersedes Previous Edition |
| Client: <u>UI</u> | | Sa | mpler Print: Tyle: | Madeillyian | Signature: | Stop Making | _ Page of |
| site: ES Guard = | 3hack | An | alyst Print: | Madallivray AA | AR ID: Signature: | He Madr | Date Date Analyzed: 7/10/19 |
| Address: 510 Gr | and Ale | . QC | Analyst Print: C. | lamica | Signature | Stand | |
| New Haven, | CT | La | b Supervisor Print: | Vulliams. | Signature: | april - | Date $3/22/19$ Lissued: $3/22/19$ |
| Contact/Name: M.K. | Ney Phone: | Ro | otometer No.; | 1-25 | Date of Calil | pration: SiD) 19 | |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. | 2002 | Received in Lab for | r Analveie: □ | $\frac{1}{2} \operatorname{Cab} \operatorname{Re}_{2} \frac{39/49}{2}$ |
| Range Fibers/fields Intra-lab S <20/100 | r Inter-lab Sr 0.517 0.451 | ample Type: PCM | 8≎ TEM □ Other: | Analysis | Method: NIOSH 74 Issue 2 8/15 | 00 X1° AHERA /94 A rules | □ Other: |
| >50/100 0.295 | 0.387 | · | Type of S | ample: 1. Background | 2. Prep. 3. Work Area | 4. Environmental 5. | Personal 6. Clearance |
| Sample No. | 303 | 304 | 305 | 306 | 307 | 308 | 309 |
| Sampling Location/Comments | Norm | East | 524114 | West | Center | 5B | FB |
| Type of Sample | le le | L. | G | L L | 6 | | |
| Pump Number | <u> </u> | 2 | 3 | 4 | 5 | \uparrow | |
| Start Time/Stop Time | 11:36 12.50 | 11:36 12:56 | 11:36 12:56 | 11:36 12:56 | 11:36 12:56 | | |
| Total Time (min) | 80 | 800 | 80 | ଚଚ | 80 | X | |
| Flow Rate | 15 15 | 13 15 | 15 15 | 15 15 | 15 15 | | |
| Total Volume (I) | 1200 | 1200 | 1200 | 1200 | 1200 | \nearrow | |
| FB BFB FL BFL | 8/i~ | 5/100 | 8/100 | 10/100 | 7/100 | 0/100 | 3/100 |
| Filter Fiber Conc. (fibers/mm²) | 10.19 | 6.36 | 10,19 | 12.73 | 8.91 | | - |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | 1120.002 | 0,003 | 0.004 | 0.002 | | - |
| STANDARDS | | | Relinquished by: | John Mat | Date | 8121/19 | Time 17:00 |
| 0.10 f/cc ~ OSHA Permissible E | zy Clearance Criteria Exposure Limit (8 hr. T | WA) | Received By: | Made | Date | 8/12/19 | Time 0900 |
| 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than | ion Level the limit of detection | | Relinquished by: | | Date | | Time |
| Limit of Detection - 5.5 fibers/1 | 00 fields | | Received by Lab | oratory: | Date | | Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH_0426 HI | tical Certifications: #1_09_004_1A_#0601 | 1 MA # ΔΔΩΩΩΕΩ | Condition of Samples: | | | | - <u> </u> |
| ME # LA-0075 NJ # CT004 NY | (#10980 RI#AAL-0 |)07 | Comments: | × | Sample No. | FB/FL | Analyst/Date Field/Lab |
| TA # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH | □ V T # AL910359 WV ILAP # 100122 AIHA | / # LT000597 PAT# 100122 | AIHA Registry Program Organization ID: 10012 | ns Asbestos Analyst Reg 2 | istry <u>303</u> | 3/100 0 | 2-8/20/19 Lab |
| Results relate only to the samples | s tested, as received by | the laboratory. Verifiability | of the laboratory's results | - s is limited to the FB/mm ² . | L | | 269 |

| TRC | 21 Griffin Road North Windsor, CT 06095 8 | 60-298-9692 | | | | | Edition: August 2018 |
|---|---|--|--|---|--|--------------------------------------|--|
| AIR SAMPLE | ANALYSIS | | oject No 263 | 151 <i>.0002</i> 3.00 | 6/ Date: 7/ | 10/14 | Does 52 - 52 |
| Client: <u>UI</u> | | Sa | mpler Print: Tyle | x Machillingsy | Signature: | hi Mail 9 | Data: 7/1/9/19 |
| site: ES Guard | shack | Ar | alyst Print: Tyle | Machilluray A | R ID: Signature: | Sollos m | Date Date Analyzed: <u>7/10//9</u> |
| Address: 510 Gran | Ave | Q(| C Analyst Print: C | lomre_ | Signature [.] | Han | Date |
| New Hoven, CT | | La | b Supervisor Print: | lectilians | Signature: | leen | Date Tissued: <u>8/22/19</u> |
| Contact/Name: <u>M. Kesrn</u> | <i>∎</i> ¥ Phone: | Ro | tometer No.: | -25 | Date of Calib | pration: 5/21/4 | Lah No 54143 |
| Relative Standard Devi | ation (Sr) | MI | croscope No | 2002 | Received in Lab fo | or Analvsis: □ 0 | C Only: 54 |
| Range Fibers/fields Intra-lab S <20/100 | or Inter-lab Sr 0.517 Sa | mple Type: PCM | 琇 TEM □ Other: | Analysis | Method: NIOSH 74(| 0 🖄 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | issue 2 8/15/ 2. Prep. 3. Work Area ، | /94 A rules 4. Environmental 5. I | Personal 6. Clearance |
| Sample No. | 30 | 311 | 312 | 313 | 314 | 3/5 | |
| Sampling Location/Comment s | Guard shack | Guard shark | Gusid Shack | Station B | Station B | Stotion B | |
| Type of Sample | 1 | i | 1 | LOSV JIOT | Jawi | West Slae | |
| Pump Number | ť | 2 | 3 | 4 | 3 | la | - |
| Start Time/Stop Time | 8:05 14:27 | 3:05 14:27 | 8:05 14:27 | 12:45 14:27 | 12:45 14:27 | 12:45 14:27 | * |
| Total Time (min) | 382 | 381 | 382 | 28 | 72 | 79 | |
| Flow Rate | 33 | 3 3 | 33 | 3 3 | 3 3 | 3 3 | |
| Total Volume (I) | 1146 | 1146 | 1146 | 234 | 234 | 234 | |
| FB BFB FL BFL | 7/100 | 4/100 | 9/100 | Loi | | | |
| Filter Fiber Conc. (fibers/mm ²) | 8.41 | 5.09 | 11-46 | - <u>/</u> } | O'D | - LOIN | |
| Airborne Fiber Conc. (fibers/cc) | 0.0073 | NIXODD | 0,00734 | | 8 | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupani 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1 | cy Clearance Criteria Exposure Limit (8 hr. T ion Level the limit of detection 00 fields | WA) | Relinquished by: Received By: Relinquished by: Received by Lab | oratory: | DateDate Date Date Date | B/D//4 8/22/19 | Time <u>17:56</u> Time <u>0900</u> Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH0426 HI ME # LA-0075 NJ # CT004 N TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IF Results relate only to the samples | /tical Certifications; # L-09-004 LA #0501 Y # 10980 RI # AAL0 VT # AL910359 VVV ILAP # 100122 AIHA s tested, as received by | 1 MA # AA000052 107 # LT000597 PAT# 100122 the laboratory. Verifiability | Condition of Samples: Acceptable: YN Comments:N AIHA Registry Program Organization ID: 100122 of the laboratory's results | I Is Asbestos Analyst Reg 2 is limited to the FB/mm ² . | istry 311 | QC Reco FB/FL A O//OC C | unt nalyst/Date Field/Lab LS/DA/19 Labo 369 |

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|---|--|---|--|--|---|---------------------------------------|--|
| AIR SAMPLE A | ANALYSIS | REPORT Pr | piect No 26 | 3951.0008: | 201 Data: 7/ | 11/14 | Dece 53 of 53 |
| Client: <u>[]</u> | | Sa | mpler Print Tyle | Maildhoray | Signaturo: 4 | A. Mark den | |
| site: ES Guard | shack | An | alyst Print: Tyles | Marbillway AA | R ID: Signature: 0 | la Montin | Date: <u>7////v</u> Date Analyzed: 7/////d |
| Address: 50 Gra | nd Ave | 0(| | (20.2 00 | | Mag | Date |
| Marc Horpo | CT | 0.0 | Analyst Print. | <u>cempe</u> | Signature:- <u>_</u> | My L | - Analyzed: 8/22/19 Date |
| JUEN HOUR | | La | b Supervisor Print | William. | <u>حصہ</u> Signature: | lla | Issued: <u>8/22/19</u> |
| Contact/Name: M.Kor | <u>`Ney</u> Phone: | Ro | otometer No.: | L-25 | Date of Calib | pration: <u>Start R</u> | $\frac{2}{2}$ Lab No. 54143 |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. | 22092 | Received in Lab fo | or Analysis: 🗌 🛛 | |
| Range Procisioneds Intra-radius <20/100 | 0.517 Sa | Imple Type: PCM | & TEM □ Other: | Analysis | Method: NIOSH 740 | 00 78 AHERA | □ Other: |
| <u>20.3 to 30/100</u> 0.332 <u>>50/100</u> 0.295 | 0.451 | | Type of Sa | ample: 1, Background | اssue 2 8/15 2. Prep. 3. Work Area ع | /94 A rules 4. Environmental 5. | Personal 6. Clearance |
| Sample No. | 316 | 317 | 318 | 319 | 320 | · · · · · · · · · · · · · · · · · · · | |
| Sampling Location/Comments | Guad shack East | Evera shack south | Guard sheck | SB | FB | | |
| Type of Sample | 1 | (| 1 | | | | |
| Pump Number | 1 | 2_ | 3 | \mathbf{X} | \setminus / | | |
| Start Time/Stop Time | 7:55 14:40 | 7:55 14:40 | 7:55 14:40 | | | | |
| Total Time (min) | 405 | 405 | 405 | | X | | |
| Flow Rate | 33 | 3 3 | 3 3 | | | | |
| Total Volume (I) | 1215 | 1215 | 1215 | | | ······ | |
| FB BFB FL BFL | 5/100 | 6/120 | 19/190 | 0/100 | 5/100 | | |
| Filter Fiber Conc. (fibers/mm²) | 6,36 | 7.64 | 12.73 | - | - | | |
| Airborne Fiber Conc. (fibers/cc) | NDL0,002 | 9.002 | 0.004 | · · · | | ··· | |
| STANDARDS <0.01 f/cc – EPA Re–Occupand 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excurs ND< – Non Detected, less than Limit of Detection – 5.5 fibers/1/ | cy Clearance Criteria Exposure Limit (8 hr. T ion Level the limit of detection 00 fields | WA) | Relinquished by: Received By: Relinquished by: Received by Lab | Sile Mod. | DateDateDate | 8/21/19 8/22/19 | Time <u>17,00</u> Time <u>0900</u> Time |
| TRC Laboratory Asbestos Analy AZ # AZ0944 CT#PH-0426 HI ME # LA-0075 NJ # CT004 NY TX # 300354 VA # 3333000283 Philadelphia # 461 AIHA IH Results relate only to the samples | tical Certifications: # L-09-004 LA #0501 / # 10980 RI # AAL-0 VT # AL910359 WV ILAP # 100122 AIHA | 1 MA # AA000052 07 # LT000597 PAT# 100122 the laboratory: Varifice 1911 | Condition of Samples: Acceptable: YN Comments: AIHA Registry Program Organization ID: 10012: | s Asbestos Analyst Reg | Date istry | QC Reco | Time |
| sing to any to any outpice | | are reported by vernability | or the raporatory's results | as influed to the FB/mm ² . | | | 370 |

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|--|--|--|--|---|---|--------------------------------------|--|
| AIR SAMPLE | ANALYSIS | | | 251.0D28.0 | Pot Data: 7/1 | 1/19 | Supersedes Previous Edition |
| Client: <u> </u> | | Sa | ampler Print: FUQ | ebarnell | Signature: | 5/11 | Data: 7/10/19 |
| site: <u>ES ddex</u> | paver pla | <u>ent</u> Ar | nalyst Print: <u>EUS</u> | Barnes A | AR ID: <u> 9005</u> Signature: | , CC | Date Date Analyzed: 7/12/19 |
| Address:510 Gm | ind Are | Q(| C Analyst Print: | lomire | Signature: _ | than | Date Analyzed: 8/03/19 |
| New+ | laven, CT | La | b Supervisor Print: | Kellian | ے :Signature ک | lun | Date Issued: 8/22/19 |
| Contact/Name: <u>M·Ku</u> | WNU Phone: | 2989692 Ro | otometer No.: | - 400 | Date of Cali | hration (a 17/10 | 1 ah No (-14/4 2 |
| Relative Standard Devi | ation (Sr) | Mi | icroscope No. <u>1</u> | 60271 | Received in Lab for | or Analvsis [,] ∏ C | $\int Conjv = \frac{1}{2} - \frac{1}{2} - \frac{1}{2}$ |
| Range Fibers/fields Intra-lab S <20/100 | or Inter-lab Sr 0.517 Sa | ample Type: PCM | TEM 🗆 Other: | Analysis | Method: NIOSH 74 | 00 AHERA | l Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of Sa | ample: 1. Background | issue 2 8/18 I 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. F | ^o ersonal 6. Clearance |
| Sample No. | 32 | 322 | 323 | 324 | 325 | 27/0 | 277/276 |
| Sampling Location/Comments | g E. penneter | SWHL Side | North B F-Desinoter | Westens of south 107 (south recipier 414) | eastend of south Lot | adjacent to suttle wall of bldg | FBLFR |
| Type of Sample | | | C PSUM WC | 10. 4. ecc. olg) | | | |
| Pump Number | | | | | | | |
| Start Time/Stop Time | 0816 1007 | 0518 1009 | G101 8120 | 1008/15/3 | In ISH | IN ISIN | |
| Total Time (min) | 0711 | 111 | 111 | 305 | 303 | 202 | + |
| Flow Rate | 30 3.0 | 3.0 0.0 | 3.03.0 | 3.03.0 | 3030 | 203.0 | $+ - A \rightarrow - 1$ |
| Total Volume (I) | 327 333 | 333 | 333 | 915 | 909 | 909 | |
| FB BFB FL BFL | 2/100 | 0.5/100 | OND . | Olio | 1.5/100 | 21100 | 0/100 0/100 |
| Filter Fiber Conc. (fibers/mm ²) | 2.5 | 0.6 | 0 | , 0 | 19 | 25 | |
| Airborne Fiber Conc. | | | | 1 1 10 003 4 | | L / | # 4 |
| (fibers/cc) | nd 20.008 | nd 20.008 | hd20.008 | no20.005 | nd 20.003 | hdz0.003 | |
| STANDARDS <0.01 f/cc EPA ReOccupand | cy Clearance Criteria | | Relinquished by: | And and al | 7Date | 7/12/19. | Гіте |
| 0.10 f/cc – OSHA Permissible E | Exposure Limit (8 hr. T | WA) | Received By: | J. Ner MASA | Date | 7/15/19 | Гіте <u>0700</u> |
| ND< - Non Detected, less than Limit of Detection - 5.5 fibers/1 | the limit of detection | | Relinquished by: | - Syon Mars | Date | 3/21/19 | Fime 17:00 |
| TRC Laboratory Asbestos Analy | /tical Certifications: | | Condition of Samples | oratory: | Date | 8/22/19_ | 「ime <u>0900</u> |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | 1 | 0 1 1 | QC Reco | ant |
| TX # 300354 VA # 3333000283 | VT # AL910359 WV | /#LT000597 | AIHA Registry Program | s Asbestos Analyst Reg | jistry | IFB/FL A | nalyst/Date Field/Lab |
| Results relate only to the samples | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 100122 of the laboratory's results | 2 is limited to the FB/mm ² . | | | 274 |

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|---|--|--|--|---|---------------------------------------|----------------------------------|---|
| AIR SAMPLE | ANALYSIS | | roject No : 26 | 3951 0002 | 2001 0-10 71 | 22/19 | Supersedes Previous Edition |
| Client: UI | | S | ampler Print: TV a | 5 Mac Gollwood | Signature: Y | Cho Mark | |
| site: ES Station | B Demo | A | nalyst Print: | Modellwray At | <u>R ID:</u> Signature: | iles Main | Date: <u>7/24/17</u> Date Analyzed: 7/22/14 |
| Address: 510 Gran | d Ave, | Q | C Analyst Print: (| 2. Lemine | Signature: 2 | man | Date Analyzed: 8/33//9 |
| New Haven, C | (| La | ab Supervisor Print: | Kulliam | Signature: | lin | Date |
| Contact/Name: M.Kow | Phone:_ | R | otometer No.: | L-25 | Date of Cali | bration: SDS | 12 Lab No. 54143 |
| Relative Standard Devi | ation (Sr) | M | licroscope No | 22002 | Received in Lab for | or Analysis: 🗆 | |
| Kange Fibers/fieldsIntra-lab S<20/100 | Sr Inter-lab Sr 0.517 Si | ample Type: PCM | 😿 TEM 🛛 Other: _ | Analysis | Method: NIOSH 74 | 00 Z AHER | A □ Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: | Issue 2 8/15 2. Prep. 3. Work Area | i/94 A rules 4. Environmental | 5. Personal 6. Clearance |
| Sample No. | 329 | 330 | 33(| 337 | 333 | 2211 | |
| Sampling Location/Comments | South East corner | South West Corner | North East | North West | SB | FB | |
| Type of Sample | 1 | (| 1 | 1 | | | |
| Pump Number | L | 2 | 3 | 4 | $\land - / -$ | | |
| Start Time/Stop Time | 8:54 14:54 | 3:56 14:54 | 8:58 14:58 | 9:00 15:00 | | | |
| Total Time (min) | 360 | 360 | 360 | 360 | | | |
| Flow Rate | 33 | 33 | 33 | 3 3 | | | |
| Total Volume (I) | 1030 | 1030 | 1080 | 1080 | | | |
| FB BFB FL BFL | 6/100 | 5/100 | 4/100 | 12/100 | 0 /10.0 | 0/100 | |
| Filter Fiber Conc. (fibers/mm ²) | 7.64 | 6,36 | 504 | 15.23 | - | - | |
| Airborne Fiber Conc. (fibers/cc) | 0.002 | NDK0.002 | NDK0.002 | 0,005 | | - | |
| STANDARDS | cy Clearance Criteria | | Relinquished by: | : _ John Moral | lingDate | 8/21/19 | Time7,00 |
| 0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA) | | | Received By: 🟒 | <u>l'ince</u> | Date | 8/22/1 | <u> 7_</u> Time |
| ND< - Non Detected, less than the limit of detection | | | Relinquished by:DateTime | | | | |
| TRC Laboratory Ashestos Analytical Contifications | | | Received by Lab | ooratory: | Date | | Time |
| AZ # AZ0944 CT#PH-0426 HI | #L-09-004 LA #0501 | 1 MA # AA000052 | Condition of Samples: Acceptable: YN QC Recount | | | | |
| ME#LA-0075 NJ#C1004 NY#10980 RI#AAL-007 TX#300354 VA#3333000283 VT#AL910359 WV/#LT000597 | | | Comments: | | | FB/FL | Analyst/Date Field/Lab |
| Philadelphia # 461 AIHA IF Results relate only to the samples | ILAP # 100122 AIHA s tested, as received by | PAT# 100122 the laboratory. Verifiabili | Organization ID: 10012 ty of the laboratory's results | 2 s is limited to the FB/mm ² . | | | |

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|---|--|--|--|---|---------------------------------------|---------------------------------------|-----------------------------------|
| AIR SAMPLE A | ANALYSIS | | piect No 2639 | 51.00023.00 | 01 Data: 7/ | 23/19 | Supersedes Previous Edition |
| Client: UI Sampler Print: Wer Majbilliviay Signature: Side Monduler | | | | | | Page <u>JU</u> of <u>JU</u> | |
| site: ES Station [| 3 Demo | An | alyst Print: Tyle Machillwray AAR ID: Signature: Tyle Machilly | | | | Date Date Analyzed: 7/23/19 |
| Address: 510 Gran | d Ave | Q(| Analyst Print: 6 Panico Signature | | | | Date |
| New Hoven, CT | • | La | o Supervisor Print: | | | | Date Issued: 8/22/19 |
| Contact/Name: <u>M.Kom</u> | Phone:_ | Ro | tometer No.: | | Date of Cali | hration: 5/22/K | 1 ah No 54143 |
| Relative Standard Devia | ntion (Sr) | Mi | croscope No. 2) | 602 | Received in Lab f | or Analysis: $\Box = 0$ | $C Only: \overline{Z}_{-}$ |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 St | ample Type: PCM | 🖉 TEM 🗆 Other: | Analysis | Method: NIOSH 74 | 00 🔏 AHERA 🛛 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample: 1. Background | lssue 2 8/18 2. Prep. 3. Work Area | 5/94 A rules 4. Environmental 5. P | Personal 6. Clearance |
| Sample No. | 325 | 336 | 337 | 338 | 334 | 300 | |
| Sampling | South | South | North | North | 15 | PO | |
| Location/Comments | East | Wet | East | West | SR | L PB | |
| Type of Sample | (| | l | 1 | \sum | | |
| | | 2 | 3 | И | | | <u>+</u> |
| Start Time/Stop Time | 7.42 15.02 | 7:44 15:34 | 7:46 15:06 | 7:43 15:08 | | | |
| Total Time (min) | 44/0 | 440 | <i>uu</i> 0 | 440 | | X | |
| Flow Rate | 3 3 | 3 3 | 3 3 | 33 | | | |
| Total Volume (I) | 1320 | 1320 | 1320 | 1320 | | | |
| FB BFB FL BFL | 3/106 | 5/100 | 4/100 | 3/100 | 2/100 | 0/100 | |
| Filter Fiber Conc. (fibers/mm ²) | 3,82 | 6,36 | 5.09 | 3.82 | | - | |
| Airborne Fiber Conc. (fibers/cc) | NDLODO2 / | NDC01002 | NDLO,OD | ND20.002 | - | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupanc | v Clearance Criteria | | Relinquished by: | Ster Mass | Date_ | 8121/19 1 | ime 17:00 |
| 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excursi | xposure Limit (8 hr. T | WA) | Received By: | lee | Date_ | 8/22/19 1 | ime |
| ND< – Non Detected, less than | the limit of detection | | Relinquished by: | ······································ | Date | 7 | ime |
| TRC Laboratory: Date Time | | | | | | îme | |
| AZ # AZ0944 CT#PH-0426 HI | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | ۷ | · · · · · · · · · · · · · · · · · · · | QC Recou | int |
| TX # 300354 VA # 3333000283 | * 10980 RI#AAL-(VT#AL910359 WV | / # LT000597 | Comments: AIHA Registry Program | IS Asbestos Analyst Reg | istry | FB/FL At | alyst/Date Field/Lab |
| Results relate only to the samples | LAP # 100122 AIHA tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 10012 of the laboratory's results | 2 is limited to the FB/mm ² . | | | 373 |

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|--|--|--|---|---|--|------------------------------------|---|--|
| AIR SAMPLE A | NALYSIS | | oject No.: 263 | 951.00,023.00 | Ol Date 7 | 124119 | Bage 57 of 57 | |
| Client: <u>UI</u> | _ | Sa | moler Print: Tile | (Marbellinger | <u>Signature</u> | Salar Marth Il | $\frac{1}{2}$ Page $\frac{0.7}{7/2}$ of $\frac{0.5}{2}$ | |
| site: ES Statu | n B De | <u>MO</u> An | alyst Print: <u>Tyle</u> | Macbillivray AA | R ID: 4 | We Mars I | Date $\frac{7/24}{4}$ | |
| Address: 510 Cro | nd Are | Q(| Analyst Print: C. Comile Signature Date | | | | | |
| New Haven, | CT | La | Supervisor Print: Ulliamen Signature: Ullia Issued: 8/22/15 | | | | | |
| Contact/Name: M.Kowwo Phone: Rotameter No.: L-25 Date of Calibration: 5/20/14 Lab No. 54/14/3 | | | | | | | | |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. | 2002 | Received in Lab f | or Analysis' 🗌 | $\frac{1}{2} C Only: \mathbb{R}_{-}$ | |
| Range Fibers/fieldsIntra-lab S<20/100 | r Inter-lab Sr 0.517 Sa | ample Type: PCM [®] | TEM 🛛 Other: | Analysis | Method: NIOSH 74 | 00 🗆 AHERA | □ Other: | |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 | | Type of S | ample 1. Background | Issue 2 8/15 2. Prep. 3. Work Area) | 5/94 A rules 4. Environmental # | 5. Personal 6. Clearance | |
| Sample No. | 341 | 342 | 742 | 344 | 245 | 306 | | |
| Sampling Location/Comments | North East | South East | South West | North | 3B | FB | | |
| Type of Sample | l | 1 | 1 | | | | | |
| Pump Number | 1 | 2 | 3 | 24 | $\land \not$ | \sim | | |
| Start Time/Stop Time | 8:30 14:50 | 8:24 14:54 | 8:26 14:56 | 8:30 15:00 | | | | |
| Total Time (min) | 390 | 390 | 390 | 340 | | | | |
| Flow Rate | 3 3 | 3 3 | 33 | 3 3 | | | | |
| Total Volume (I) | 1170 | 1170 | 1170 | 1170 | | | | |
| FB BFB FL BFL | 7/100 | 4/100 | 6/100 | ଞ୍ଚାଚତ | 0/100 | Plico | | |
| Filter Fiber Conc. (fibers/mm²) | 8.41 | 5,07 | 7.64 | 10,19 | | | | |
| Airborne Fiber Conc. (fibers/cc) | 0.0973/ | NDKO.007 | 0.092 | 0.003 | | - | | |
| STANDARDS | | | Relinquished by: | 5 der Marts Al | Date_ | 3/21/19 | | |
| 0.10 f/cc - OSHA Permissible E | Exposure Limit (8 hr. T | WA) | Received By: Date Date 8/22/19 Time 0900 | | | | | |
| 1.0 t/cc – OSHA 30 min Excursion Level ND< – Non Detected, less than the limit of detection | | | Relinquished by:DateTime | | | | | |
| TRC Laboratory:DateTime | | | | | | | Time | |
| AZ # AZ0944 CT#PH-0426 HI: | # L-09-004 LA #0501 | 1 MA # AA000052 | Acceptable: Y | v | | QC Re | count | |
| TX # 300354 VA # 3333000283 | VT # AL910359 WV | / # LT000597 | AlHA Registry Programs Asbestos Analyst Registry 343 | | | FB/FL | Analyst/Date Field/Lab | |
| Philadelphia # 461 AIHA IH Results relate only to the samples | ILAP # 100122 AIHA tested, as received by | PAT# 100122 the laboratory. Verifiability | Organization ID: 10012: of the laboratory's results | 2 s is limited to the FB/mm ² . | | | 374 | |

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|--|---|--|--|--|---------------------------------------|--------------------------------------|---|
| AIR SAMPLE A | ANALYSIS | REPORT Pro | piect No.: 263 | 3451.00028 | Date: 7 | 125/19 | Page 58 of 58 |
| Client: <u>UI</u> | | Sa | mpler Print: Tyles | Machillivsay | ; <u>Signature:</u> | Ster Malle | - Date: 7/25//9 |
| Site: ES Station | n B Der | ng An | alyst Print: Tyle Modelling AAR ID: Signature: Syler Marsh | | | | Date Analyzed: <u>7/25/9</u> |
| Address: 50 Gra | nd Ave | Q(| SAnalyst Print: COMIR Signature: | | | Man | _Analyzed: <i>SI∂∂/</i> /9 |
| New Haven, CT | | | ab Supervisor Print: | | | | Date Issued: <u>8/22/19</u> |
| Contact/Name: <u>M.Kan</u> | <u>₩</u> Phone:_ | Ro | tameter No.: <u> </u> | 25 | Date of Calil | pration: <u>5120/14</u> | Lab No. 54143 |
| Relative Standard Devia | ation (Sr) | Mi | croscope No. 📿 | 2002 | Received in Lab fo | or Analysis: 🗌 🛛 Q | C Only: 🕰 |
| Range Fibers/fieldsInfra-lab S<20/1000.520 | r Inter-lab Sr 0.517 Sa | ample Type: PCM | 🔁 TEM 🗋 Other: | Analysis | Method: NIOSH 74 | 00 🕱 AHERA 🗆 | Other: |
| 20.5 to 50/100 0.352 >50/100 0.295 | 0.451 0.387 | | Type of S | ample: 1. Background | Issue 2 8/15 2. Prep. 3. Work Area | /94 A rules 4. Environmental 5. P | ersonal 6. Clearance |
| Sample No. | 347 | 348 | 349 | 350 | 351 | 352 | |
| Sampling Location/Comments | North East | South East | South West | North West | SB | FB | |
| Type of Sample | 1 | 1 | 1 | 1 | | | ╆────┤ |
| Pump Number | l l | 2 | 3 | 4 | \land | \land | |
| Start Time/Stop Time | 7:40 3:00 | 7:42 15:02 | 7.48 15:08 | 7:50 15:10 | | | |
| Total Time (min) | 440 | 440 | 442 | 440 | | | |
| Flow Rate | 33 | 3 3 | M M | 33 | | | <u>+</u> |
| Total Volume (I) | 1320 | 1320 | 1320 | 1320 | | | |
| FB BFB FL BFL | 9/100 | 6/100 | 71,00 | 6/100 | 9/100 | 2/10:0 | |
| Filter Fiber Conc. (fibers/mm ²) | 11.46 | 7.64 | 8,41 | 7.64 | | ~ | |
| Airborne Fiber Conc. (fibers/cc) | 0.003 | 0.002 V | 0,0023 | 0,002 | - | | |
| STANDARDS <0.01 f/cc – EPA Re–Occupand | cy Clearance Criteria | | Relinquished by: | - Fron my | Date_ | <u> 3/21/19</u> 1 | Гіте <u>17:00</u> |
| 0.10 f/cc – OSHA Permissible E 1.0 f/cc – OSHA 30 min Excursi | Exposure Limit (8 hr. T ion Level | WA) | Received By: | lu- | Date_ | 8/22/19 | fime <u>6900</u> |
| ND< - Non Detected, less than the limit of detection | | | Relinquished by: Date Time | | | | |
| TRC Laboratory Asbestos Analy | rtical Certifications: | | Condition of Sampler: | | | | |
| AZ # AZ0944 CT#PH-0426 Hi ME # LA-0075 NJ # CT004 NY | # L-09-004 LA #0501 (# 10980 RI # AAL0 | 1 MA # AA000052 007 | Acceptable: YN Comments:N | Ý | Sample No. | QC Recor | int nalyst/Date Field/Lab |
| Philadelphia # 461 AIHA IH Results relate only to the samples | ILAP # AL910359 WV ILAP # 100122 AIHA stested, as received by | / # L1000597 PAT# 100122 the laboratory. Verifiability | AIHA Registry Program Organization ID: 10012 of the laboratory's results | ns Asbestos Analyst Reg 2 a is limited to the FB/mm ² . | gistry <u>352)</u> | 5/100 () | 2-8/22/19 Lab 375 |