

January 7, 2019

Ms. Brooke Trivas Perkins + Will 225 Franklin Street, Suite 1100 Boston, MA 02110

Reference: Asbestos Abatement Project Belmont High School Locker Room Area

Dear Ms. Trivas:

Thank you for providing Universal Environmental Consultants (UEC) the opportunity to serve your environmental needs.

Enclosed are the air samples results and daily logs compiled during the asbestos abatement project at the Belmont High School Locker Room Area. The scope of work included the removal of Asbestos Containing Materials (ACM) listed in the Daily Logs. The asbestos abatement project was performed by a Massachusetts licensed asbestos abatement contractor Select Demolition Services using the full containment method.

General area air samples analysis performed during removal indicated airborne fiber concentrations were found to be lower than 0.10 f/cc as required by the Environmental Protection Agency (EPA) 40 CFR, Part 763 and by the Commonwealth of Massachusetts in 453 CMR 6.93, Appendix 3.

The air samples were collected and analyzed by Massachusetts licensed project monitors using Phase Contrast Microscopy (PCM) in accordance with NIOSH Method 7400.

PCM analysis is a technique used for determinations of airborne particulate aerosols like dust characterizations and enumeration of airborne asbestos fibers. An air sample for PCM analysis is collected on a filter medium which is dissolved during sample preparation so that the collected particulate can then be viewed under the microscope.

PCM is often used for analysis of samples for airborne asbestos fibers. The sample is collected on a mixed cellulose ester membrane (MCEM) filter with a 0.8 mm (micron) pore size. MCEM filter is then cleared with a chemical solution and the collected fibers are counted under the 400X magnification. **All fibers** (regardless of the type) longer than 5 mm, wider than 0.25 mm and of aspect ratio of 3:1 or greater are enumerated. The airborne fiber concentration is obtained from the microscopic count and air sampling data. Therefore, all fibers that meet the counting criteria are counted as asbestos fibers.

Clearance air samples analysis indicated airborne fiber concentrations were found to be lower than 70 structure/mm² (s/mm²) as required by EPA 40CFR, Part 763, Appendixes A-E and by the Commonwealth of Massachusetts in 453 CMR 6.93, Appendix 3.

Ms. Brooke Trivas January 7, 2019 Page 2

The containment is considered complete when the arithmetic means of the asbestos structure concentrations of all samples collected inside the work area was less than or equal to 70 s/mm² of filter. If the arithmetic means of all samples was found to be greater than 70 s/mm² of filter, the decontamination is incomplete, and the cleaning procedures were repeated. The outside samples maybe analyzed if the inside samples were found to exceed 70 s/mm². TEM analysis is a technique used for determinations of asbestos fibers only.

The air samples were collected by a Massachusetts licensed project monitor Mr. Juan Breton (AM-900630) and analyzed by a Massachusetts licensed laboratory and ProScience, Woburn, MA using Transmission Electron Microscopy (TEM) in accordance with EPA 40 CFR Part 763, Appendix A to Subpart E.

Please forward to the client for inclusion into the AHERA management plan.

Please do not hesitate to call our office if you have any questions.

Very truly yours,

Universal Environmental Consultants

Ammar M. Dieb President

UEC:\219 000.00\Report.DOC

Enclosure

<L0D < LOD Concentration < LOD < LOD COD < LOD ∧ < LOD ∧ < LOD ∧ ^LOD License Number: AM900630 Project Location: 221 Concord Ave Belmont, MA (FXC) Type of Sampling: PCM contractor: Select Demo Services Distribution 2.54 2.54 2.54 1.27 1.27 1.27 1.27 2.54 Ì (F/mm²) 2/100 2/100 1/100 2/100 0/100 Fbers/Field 2/100 1/100 1/100 0/100 1/100 1,645 1,645 1,785 1,785 1,785 1,645 1,645 1,785 Samples Analysis By2: Juan PBreton Volume (Liters) 0 0 License Number: AM900630 Ave. ~ ~ ~ ~ ~ -~ ~ Flow Rates **AIR SAMPLING DATA SHEET** Start Stop ~ ~ ~ ~ 1 1 (Total Min) 235 235 235 235 255 Run Time 255 255 255 Project Number: 219.000.00 19:26 19:23 23:45 19:29 23:47 23:49 19:20 23:51 Time Stop 15:28 15:31 19:30 19:32 15:25 15:34 19:34 19:36 Start Time Distribution: (Fibers/Freid)/0.00785. If results less than 7 Fimm², then write < LOD Second floor hallway Second floor hallway First floor hallway First floor hallway work Area: Locker room hallway Back entrance Project Monitor Name¹: JUAN P Breton Front entrance Back entrance Front entrance Field blank Field blank Type: B: Background: G: General Area; C: Cearance. Location of Sample Flow Rates: PCM: Up to 16: TEM: Up to 9.5. **Project Monitor Signature:** 12/21/18 B, G, C 9 0 0 Type 0 C C C C Sample Date: 10 3 G 4 8 တ S ~ N 41

^{1.} I certify that the above samples were collected in accordance with all applicable guidelines.

2.1 certify that the above samples were analyzed in accordance with all applicable guidelines.

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	12/21/18 Project Number. 219.000.00	work Area: Locker room hallway	Project Monitor Name ¹ : JUAN P Breton	Project Monitor Signature:	Location of Sample								Type: Br Background: G: General Area; C: Clearance.
	12/2	Lo Lo	Conitor N	lonitor Si	Type B, G, C		RS						kground: G: (
	Date:	Work An	Project N	Project N	Sample #		٥						Type B: Bac

Flow Rates: PCM: Up to 16, TEM: Up to 95. Distribution: (Fibers/Field)/0.00785. If results less than 7 Fimm² then write < LOD

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<LOD >< <L0D Concentration √ COD < LOD ∧ < LOD < LOD ∧ < ∠ L O D License Number: AM900630 Project Location: 221 Concord Ave Belmont, MA (FKCC) Type of Sampling: PCM contractor: Select Demo Services Distribution 2.54 2.54 2.54 3.82 2.53 3.82 2.54 1.27 1 Ì (Fimm?) Fibers/Field 2/100 1/100 3/100 3/100 2/100 0/100 0/100 2/100 2/100 1,582 2/100 1,925 1,925 1,925 1,589 1,925 1,596 1,575 Samples Analysis By2: Juan PBreton Volume (Liters) \circ 0 License Number: AM900630 Ave. ~ **~ ~**~ ~ Flow Rates **~ ~ AIR SAMPLING DATA SHEET** Start Stop ~ <u>~</u> **~** ~ \sim ~ ~ ~ ~ ~ ~ ~ (Total Min) 275 275 275 275 228 225 227 226 **Run Time** Project Number: 219.000.00 10:59 14:50 10:50 10:53 10:56 14:56 Surrounding bag out 11:05 14:52 Surrounding back side 11:08 14:54 Ime Stop 6:15 6:18 6:21 Second floor hallway [6:24] Surrounding decon [11:02] Surrounding front side [11:11] Start Time First floor hallway work Area: Locker room hallway Project Monitor Name¹: JUAD P Breton Front entrance Back entrance Field blank Field blank Type: B: Background, G: General Area; C: Clearance. Flow Rates: PCM: Up to 16, TEM: Up to 9.5. Location of Sample Project Monitor Signature: Date: 12/22/18 Type B, G, C C G C Ċ C 0 3 G Sample $\frac{1}{0}$ 3 6 8 す ~ σ 2 S T

Distribution: [Fibers/Field]/0.00785. If results less than 7 Fimm², then write < LOD

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Work An		Work Area: Locker room hallway				-	Contracto	n. Sele	ict Dem	contractor: Select Demo Services	ses
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Project I	Project Monitor Signature:	ignature:		Sampl	Samples Analysis By2: Juan P Breton	<u>ال ب</u> رو	an P I	Breton	License I	License Number: <u>AM900630</u>	00630
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A	Date: 12/22/18 Project Numl	Work Area: Locker room hallway	Project Monitor Name1: Juan P Breton	Project Monitor Signature:	Sample Type Location of Sample 5 # B, G, C 11	5 RS					Type: B: Background: G: General Area: C: Clearance. Fhw Raise: Preticition 16: TEM: 110: 10: 6. 6.

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ო	G	Surrounding back side	6:11	10:31	260	~				3/100	3.82	
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S	U	Surrounding decon	10:36	14:40	244	7		7 1,	1,708	2/100	2.54	<10D
9	U	Surrounding bag out	10:38	14:42	244	77		7 1,	1,708	3/100	3.82	<lod <<="" td=""></lod>
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stribution: (Fibers/Field):0.00785. If results less than 7 Fimm², then write < LOD

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Concentration (FKCC) <L0D < < ∠ C D </ < LOD ∧ < ∠ L O D < LOD ∧ < ∠ C O D License Number: AM900630 Project Location: 221 Concord Ave Belmont, MA Type of Sampling: PCM contractor: Select Demo Services Distribution 2.54 2.54 2.54 3.82 2.54 3.82 3.82 2.54 (F/mm²) Fibers/Field 2/100 2/100 3/100 2/100 1,960 2/100 1,960 2/100 1,960 3/100 1,680 3/100 0/100 0/100 1,680 1,680 1,960 1,680 Samples Analysis By2: Juan PBreton Vokume (Liters) 0 0 License Number: AM900630 ~ Start Stop Ave. ~ ~ ~ ▶~ ~ Flow Rates ~ ~ **AIR SAMPLING DATA SHEET** ~ 77 <u>~</u> <u>~</u> ~ <u>~</u> <u>~</u> ~ ~ ~ ~ **~** Run Time (Total Min) 280 240 280 240 280 280 240 240 Project Number: 219.000.00 19:38 Surrounding deacon 14:55 19:35 19:41 19:44 23:46 23:48 23:50 23:52 Stop Time 19:48 Surrounding bag out 14:58 15:01 Surrounding front side [15:04] Surrounding decon [19:46] Surrounding back side 19:50 Surrounding front side 19:52 Start Time Surrounding bag out Surrounding back side work Area: Locker room hallway Project Monitor Namet: JUAD P Breton Field blank Field blank Type: B: Background; G) General Area; C: Crearance. Flow Rates: PCM: Up to 16, TEM: Up to 9.5. Location of Sample Project Monitor Signature: 12/23/18 Type B, G, C C C C G വ C 0 C Date: Sample 10 က 4 ဖ ∞ σ N S ~ -

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Date: Work An	12/23/18	room hall	lumber	2 <u>19.C</u>	Project Number: <u>219.000.00</u> NAV		Project L Contract	ocation:22	21 Concord	Project Location: 221 Concord Ave Belmont, MA	nt, MA	
Project	Monitor No	Project Monitor Name ¹ : JUAD P Breton		Ĕ	License Number: <u>AM900630</u>	er: <u>AN</u>	9006	30 30	Type of S	Type of Sampling: PCM	SM N	
Project	Project Monitor Signature:	gnature:		Sampl	Samples Analysis By ² : Juan P Breton	By ² : Ju	an P	Breton	License	License Number: <u>AM900630</u>	00630	
Sample #	Type B, G, C	Location of Sample	Start Time	Stop Time	Run Time (Total Min)	Flow Ri Start Ston	Flow Rates	Volume (Liters)	Fibers/Field	Distribution (F/mm²)	Concentration (F/CC)	CONTRACTOR OF CONTRACTOR
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Concentration (F/CC) **4**0 **4**0 0.002 400 40 400 0.003 400 00 400 License Number: AM900607 $\overline{\forall}$ Project Location: 221 Concord Ave Belmont MA contractor: Select Demo Services Type of Sampling: PCM 7.64 5.09 Distribution 5.09 6.36 3.82 1.27 8.91 0 (Fimm?) . ŧ 5/100 7/100 3/100 6/100 4/100 4/100 Fibers/Field 1/100 0/100 0/100 0/100 006 1210 1220 1210 1210 1210 1220 910 Samples Analysis By2: Christopher Mendoza Volume (Liters) 0 0 License Number: AM900607 0 10 0 10 0 0 0 0 Ave. Flow Rates **AIR SAMPLING DATA SHEET** 1010 þ 10 10 10 10 0 Start Stop 1010 1010 10 10 10 Run Time (Total Min) 122 122 5 5 2 <u>7</u> Project Number: 219.000.00 8 5 8:22 12:25 8:26 10:24 10:28 12:29 13:55 14:00 Stop 6:25 8:22 8:26 10:24 10:28 6.21 12:25 12:29 Start Time Project Monitor Namel: Christopher Mendoza Distribution: (Fibers/Field)/0.00785. If results less than 7 F/mm², then write < LOD Front of containment Front of containment Surrounding Decon Front of containment Surrounding Decon Front containment Surrounding Decon Surrounding Decon Field blank Field blank fype: B: Background: G: General Area: C: Clearance. Location of Sample Flow Rates: PCM: Up to 16, TEN: Up to 9.5. Project Monitor Signature: 12/24/18 Work Area: Gym B, G, C ശ 5 C 5 Type 0 G 5 G Sample Date: **N** 0 တ 1 3 G 4 S 8 44

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	Project Location: 221 Concord Ave Belmont MA	contractor. Select Demo Services	Type of Sampling: PCM	License Number. AM900607	Distribution Co (F/mm ²) (F)	7.64					
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	cation: 22	r. Sele	07	Mendoza	Volume (Liters)						
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ING DI	Project Number: 219,000.00		ense Nur	es Analys	Run Time (Total Min)						
SAMPI	219.0		ň	Sample	Stop Time						
AIR :	lumber.				Start Time				 		 8
	Project N		Project Monitor Name1: Christopher	Dette My	ample						Type: B: Background: G: General Area: C: Clearance. Flow Rates: PCM: Up to 16: TEM: Up to 9.5. Distribution: {Fibers/Field}:000785_1[results less than 7 Fimm ² , then write < LOD
	12/24/18	/m	ame ¹ : Chr	Project Monitor Signature:	Location of Sample						Type: B: Background: G: General Area: C: Clearance. Flow Rates: PCM: Up to 16; TEM: Up to 9.5. Distribution: (Fibers/Field//0.00785. 11 results less than
	12/2	Work Area: Gym	Monitor N	Vonitor S	Type B, G, C	RS					ckground: G: PCM: Up to 1 (Fibers/Field);
	Date:	Work Ar	Project	Project	Sample #	2					Type: B: Ba Flow Rates: Distribution:

 1 : I certify that the above samples were collected in accordance with all applicable guidelines. 2 : I certify that the above samples were analyzed in accordance with all applicable guidelines.

	ont, MA	ces	CM	900630	Concentration (F/CC)	<lod< th=""><th><pre> Image: Colored and the second and the second</pre></th><th><pre>COD</pre></th><th>40D</th><th>40D</th><th>40D</th><th>40D</th><th>4 0D</th><th>40D</th><th>40D</th><th></th></lod<>	<pre> Image: Colored and the second and the second</pre>	<pre>COD</pre>	40D	40D	40D	40D	4 0D	40D	40D	
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	ocation:22	sr.Sele	30	Samples Analysis By?: Juan PBreton	Volume (Liters)	1,855	1,855	1,855	1,855	1,778	1,778	1,778	1,778	0	0	
<u>}</u>	noject L	ontracto	3006	E L L	05		~	~	~	2	2	2	~			
SHEE	á	Ŭ	AMG	Jue	Flow Rates		7	7	\sim	~	7	~	\sim			
VTA.			iber: _	s By²		1	7	~	2	~	\sim	~	\sim			
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AMPI	219.0		ň	Sample	Stop Time	10:25	10:28	10:31	10:34	14:50	14:52	14:54	14:56			
AIR S	mber		İ		Start Time	6:00	6:03	6:06	6:09	10:36	10:38	10:40	10:42			
	12/26/18 Project Number: 219.000.00	Locker Room hallway	Project Monitor Name1: Juan P Breton	Project Monitor Signature:	Location of Sample	Surrounding deacon	Surrounding bag out	Surrounding back side	Surrounding front side	Surrounding decon	Surrounding bag out	Surrounding back side	Surrounding front side	Field blank	Field blank	Type: B: Background: G: General Area: C: Clearance. Flow Rates: PCM: Up to 16: TEM: Up to 9.5. Distribution: (Fibers Frield):0.00785. If results less than 7 Fimm?, then write < LOD
	12/2		lonitor N	lonitor S	Type B, G, C	G	J	ច	U	ശ	ശ	ច	ហ			ignound: G: CM: Up to 1 Tibers/Field)
	Date:	Work Area:	Project N	Project N	Sample #	-	2	ო	4	S.	ဖ	~	ω	ი	10	Type: B: Bacl Flow Rates: P Distribution: (F

 $^{1:1}$ certify that the above samples were collected in accordance with all applicable guidelines. $^{2:1}$ certify that the above samples were analyzed in accordance with all applicable guidelines.

 1 : I certify that the above samples were collected in accordance with all applicable guidelines.

². I certify that the above samples were analyzed in accordance with all applicable guidelines.

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Date:	- 12/2	12/26/18 Project Number: 219.000.00	mber	219.0	00.00		Project	Location: 2	21 Concord	Project Location: 221 Concord Ave Betmont, MA	nt, MA
Work A	L L L	Work Area: LUCKET TUUTH HAILWAY	-				Contrac	br. Sele	sct Dem	contractor: Select Demo Services	es
Project	Monitor N	Project Monitor Name1: JUAN P Breton		Ĕ	License Number: <u>AM900630</u>	er: AN	19006	30	Type of S	Type of Sampling: P(PCM
Project	Project Monitor Signature:	ignature:		Sample	Samples Analysis By?: Juan P	By ² : <u>J</u> I	Jan P	Breton	License	License Number, AM900630	00630
Sample #	Type B, G, C	Location of Sample	Start Time	Stop Time	Run Time (Total Min)	Flow R Start Ston	Flow Rates	Volume (Liters)	Fbers/Field	Dis tribution (F/mm²)	Concertration (F/CC)
	σ	Surrounding deacon	15:05	19:30	265	N		1,925	2/100	2.54	40D
2	თ	Surrounding bag out	15:08	19:33	265	2		1,925	2/100	2.54	<10D
က်	თ	Surrounding back side	15:11	19:36	265	~ ~		1,925	1/100	1.27	<lod< td=""></lod<>
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1: I certify that the above samples were collected in accordance with all applicable guidelines. 2 : I certify that the above samples were analyzed in accordance with all applicable guidelines.

Distribution: (Fibers/Field):0.00785. If results less than 7 Fimm², then write < LOD

1: I certify that the above samples were collected in accordance with all applicable guidelines. 2: I certify that the above samples were analyzed in accordance with all applicable guidelines.

Date: 12/27/18 Project Nu Work Area: LOCKER FOOM hallway Project Monitor Name1: Juan P Breton Project Monitor Signature: Image: Juan P Breton * B, G, C Boys locker room 2 C Hallway first floor 3 C Hallway first floor 4 C Stair 5 C Hallway first floor 6 C Outside decon 7 C Outside bag-out 8 C Outside front corridor 9 C Outside bag-out 10 C Outside bag-out 10 C Outside bag-out

 1 : I certify that the above samples were collected in accordance with all applicable guidelines. 2 : I certify that the above samples were analyzed in accordance with all applicable guidelines.

			AIR S	AMPI	AIR SAMPLING DATA SHEET	A SHE	ET				
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Work Ar	ea: LO(work Area: Locker room/ hallway	****			Ū	Contract	sr. Sele	ect Dem	contractor: Select Demo Services	ses
Project	Monitor Ni	Project Monitor Name1: Juan P Breton		Ĭ	License Number: <u>AM900630</u>	er: AM	9006	30	Type of (Type of Sampling: TEM	W
Project I	Project Monitor Signature:	gnature:		Sample	Samples Analysis By2: Proscience	<u>چ</u>	osci	ence	License	License Number.	
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F tow Kates: PCM: Up to 16: TEM: Up to 9.5. Distribution: (FibersFried)/0.00785: If results less than 7 F/mm², then write < LOD

1: I certify that the above samples were collected in accordance with all applicable guidelines.

²: I certify that the above samples were analyzed in accordance with all applicable guidelines.

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				AIR S	AMPL	AIR SAMPLING DATA SHEET	A SH	E						
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Project	Project Monitor Name ¹ :	amen: Iwan R. Br	clars	ĺ	Lic	License Number: <u>AM900630</u>	ar: AA	1901	2630	ol	Type of Sampling:	ampling:	NE	
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Date: <i>LZ-ZZ-LS</i> Work Area: <i>Lock-LD</i> Project Monitor Name ¹ : <u>T</u> Project Monitor Signature: B, G, C Location of # <i>LZ</i> <i>LZ</i> <i>R, K, M</i>	FT17619	AIR SAMPLING DATA SHEET	Project Number: 219.000.00 Project Location: 221 Concord Aux Beliments MA	Com Hallwed Contractor: Select Demo Services	Samples Analysis By ² : <i>Proscrime</i> License Number:	Sample Start Stop Run Time Flow Rates Volume Fibers/Field Distribution Concentration	Start Stop Ave.	12 Blank	Elan K	fred Blank				
recon L Tuen P. K Alank of Sample		AIR SAMPLING DAT	Project Number: 219. 000.00	allacey	Samples Analysis E	Stop				×				

¹: I certify that the above samples were collected in accordance with all applicable guidelines. ²: I certify that the above samples were analyzed in accordance with all applicable guidelines.

MA Office (HQ) 22 Cummings Park. Woburn. MA 01801 T. 781-935-3212 F: 781-932-4857 generat@proscience net CT Office (AHERA Only) 683 N Mountain Rd, Newington, CT 06111 T. 860-953-1022 F: 860-953-1030 ct@proscience net www.proscience.net ProScience Analytical Services, Inc.

Analysis Mel Client Projec Client Refere Client Name	Analysis Method Client Project # Client Reference Client Name	AHERA 219.000.00 221 Concord Ave., Belmont, MA, Locker Room/ Hallway Universal Environmental Consultants	lelmont intal Cc	, MA, L insultar	.ocker Ro	om/ Hallwar	~					Batch # AT Date Received Date Analyzed Date of Report	ta ta ta	17619 12/27/18 12/27/18 12/27/18
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Comments

GO = Grid Opening GOA = GO Area TGOA = Total GOA AS = Analytical Sensitivity NSD = No Structures Detected

Analyst(s) Mark Derosier Page 1 of 1

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ProScience Analytical Services, Inc

December 27, 2018

Ammar Dieb Universal Environmental Consultants 12 Brewster Rd. Framingham, MA 01702

Dear Ammar Dieb :

Results of air samples you described and submitted to ProScience Analytical Services, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only.

The listed inside samples were prepared and analyzed in compliance with 40 CFR, Part 763, Appendix A to Subpart E, Final Rule and Notice, October 30, 1987 using transmission electron microscopy (TEM) with selected area electron diffraction (SAED) and semi-quantitative microanalysis.

As listed on the AHERA Analysis Summary, the average asbestos concentration for the inside samples analyzed was equal to or below the average background contamination level of 70 asbestos structures per square millimeter of filter area (s/mm2). This low average asbestos concentration completes the response action described in 40 CFR, Part 763, Appendix A to Subpart E, therefore analysis of outside samples, blanks, and the Z-test calculation are not required.

The quality control and uncertainty data related to the samples analyzed are available for review upon the written request of the client. ProScience Analytical Services, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client, therefore no statements about "clearance" are reported. All calculations (structures/cm3 and structures/mm2) are based on collection volumes supplied by the client and are not covered by our NVLAP accreditation. Samples are retained for a period of 2 months.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of ProScience Analytical Services, Inc., laboratory Director.

Please contact me if you have any questions regarding this report or related information.

Sincerely,

Conner

Mark Derosier, Senior Analyst Aimee Cormier, Laboratory Manager

Enclosure: BATCH NUMBER : AT 17619 CLIENT PROJECT ID: 219.000.00 Client Ref: 221 Concord Ave., Belmont, MA, Locker Room/ Hallway NVLAP Lab Code 200090-0; CT ID# PH-0209; MA ID# AA000156; ME ID# LB-055; ME ID# LA-056; VT ID# AL016876; RI ID# 186.

Date: 12/21/18

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

15:151 met the asbestos supervisor on site Louis I Perry with license num:AS000057 and exp date:05/30/19 from Select Demo Services the asbestos contractor had 11 asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will be working today in the locker room hallway of first floor and second floor building a full

containment to remove asbestos pipes insulation and

asbestos fireproofing from the ceiling

15:25 The air samples started running surrounding the

work area

15:30 The asbestos crew are bringing all their tools and

equipment and putting them in the middle of the first floor

hallway

16:25 The asbestos crew started to set up the full

Date: <u>12/21/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

containment

16:25 The asbestos crew are sealing all the critical areas

18:00 The asbestos crew took a break.

18:15 The asbestos crew came back from break to

to continue covering the walls with two layers of 6-mil

plastic

19:20 The air samples was change surrounding the work

area

20:10 The asbestos crew continued setting up their work

in the first floor hallway

21:00 The asbestos crew crew took another break.

21:30 The asbestos crew came back from break to continue setting up the containment.

22:30 Two asbestos workers are setting up the air filtration

unit at the back of the hallway

23:25 The asbestos crew are cleaning up their work area

23:45 The asbestos supervisor told me that they finish for

the night and they will continue the next day in the first shift

Date:	12/21/18	Location: 221 Concord Ave Belmont, MA
Project Num	_{ber:} 219.000.00	contractor: Select Demo Services
Project Moni	tor Name: Juan P Breto	Dn License Number: AM900630
Daily Progr	ress:	
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Date: <u>12/22/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA

at the Belmont High School.

5:55 I met the asbestos supervisor on site Louis I Perry

with license num: AS000057 and exp date: 05/30/19

from Select Demo Services the asbestos contractor had 11

asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will continue today removing the ceiling tiles and ceiling tracks

6:15 The air samples started running surrounding the work area.

6:30 The asbestos crew continued covering the walls and floor.

8:10 The asbestos crew continued setting up the full

containment in the hallway of the first floor and second

floor.

9:00 The asbestos crew took a break

Date: <u>12/22/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

9:15 The asbestos crew came back from break to continued setting up the containment.

10:00 The asbestos crew are setting up the decontamina

-tion unit and the bag out chamber

10:50 The air samples was change surrounding the work area.

10:55 The asbestos crew are cleaning inside the contain

ment and taking all the materials out of the work area.

11:00 The asbestos supervisor request the pre abatement

and it was approved, they cover the windows, the doors, the

walls, and the floor with two layers of 6-mil plastic, air

filtration units, a decontamination unit, a bag out chamber,

hepa vacuums, lift and water.

11:30 The asbestos crew went to lunch.

12:10 The asbestos crew came back from lunch and started

to getting ready to go inside the containment to begin

removing the ceiling tiles.

13:30 The asbestos crew continued removing the ceiling

 Date:
 12/22/18

 Project Number:
 219.000.00

 Contractor:
 Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

tiles

14:25 The second shift crew started to arrive at the job site.

14:30 The first asbestos crew shift started to clean up their

work area.

14:55 The first shift asbestos crew left the job site.

Date: 12/22/18

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

14:50 I met the asbestos supervisor on site Trevor Howard with license num:AS032858 and exp date:09/11/19 from Select Demo Services the asbestos contractor had 12 asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will continue today removing the fiber glass insulation

15:00 The air samples started running surrounding the work area and the ceiling fireproofing

15:15 The asbestos crew are getting ready to go inside the

containment to continue removing the ceiling tiles and the ceiling tracks

16:40 The asbestos crew continued removing the ceiling tiles from the first floor hallway.

17:55 The asbestos crew are removing the ceiling tiles and

Date: 12/22/18

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

and ceiling tracks from the locker room on the first floor.

18:10 The asbestos crew took a break.

18:30 The asbestos crew came back from break to continue removing the ceiling tiles and ceiling tracks.

19:20 Some of the asbestos crew are taking out the ceiling

tiles throughout the bag-out, they wrapped with two layers

of 6-mil plastic and the proper warning sign.

19:25 The air samples was change surrounding the work

area.

20:20 The asbestos crew took a break.

20:50 The asbestos crew came back from break to continue

removing the ceiling tiles from the second floor hallway.

22:00 I told the asbestos supervisor that there was some openings surrounding the decon.

22:25 The asbestos supervisor sealed the opening around

the decon.

23:30 The asbestos crew started to clean up their work area to finish for the night.

Date:	12/22/18	Location: 221 Co	ncord Ave Belmont,MA
Project Nu	mber: <u>219.000.0</u> 0	Contractor: Sele	ct Demo Services
Project Mo	nitor Name: Juan P Bret	on	License Number: <u>AM900630</u>
Daily Pro	gress:		
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 Date:
 12/23/18
 Location:
 221 Concord Ave Belmont, MA

 Project Number:
 219.000.00
 Contractor:
 Select Demo Services

 Project Monitor Name:
 Juan P Breton
 License Number:
 AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

5:55 I met the asbestos supervisor on site Louis I Perry with license num:AS000057 and exp date:05/30/19 from Select Demo Services the asbestos contractor had 11 asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will continue today removing the ceiling tiles and ceiling tracks

6:05 The air samples started running surrounding the work area.

6:10The asbestos crew are getting ready to go inside the

containment to continue removing the ceiling tiles and the

ceiling tracks from the second floor hallway

6:16 The asbestos crew continued removing the ceiling

tiles from the second floor hallway

7:30 The asbestos crew are removing the ceiling tiles and

Date: <u>12/23/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

and ceiling tracks from the locker room on the second floor.

9:10 The asbestos crew took a break.

9:20 The asbestos crew came back from break to continued removing the ceiling tiles and ceiling tracks.

10:10 Some of the asbestos crew are taking out the ceiling

tiles throughout the bag-out, they wrapped with two layers

of 6-mil plastic and the proper warning sign.

10:25 The air samples was change surrounding the work

area

11:00 The asbestos supervisor told me that they found a different fireproofing and it's look like cement plaster and

they request to take some samples and bring it to the lab.

11:40 The asbestos crew went to lunch.

12:40 The asbestos crew came back from lunch and started

to remove the asbestos pipe insulation and the fiber glass

insulation from the first floor hallway ceiling

13:50 The asbestos crew started the bag-out, all the bags

and bundles looks clean with their proper warning sign

Date: <u>12/23/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

and general label

14:30 The second shift crew started to arrive at the job site 14:50 The first shift crew left the job site.

Date: <u>12/23/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

14:50 I met the asbestos supervisor on site Trevor Howard with license num:AS032858 and exp date:09/11/19 from Select Demo Services the asbestos contractor had 12 asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will continue today removing the fiber

glass insulation

14:55 The air samples started running surrounding the work area and the ceiling fireproofing

15:10 The asbestos crew are getting ready to go inside the containment to continue removing the fiber glass insulation and the ceiling fireproofing

16:50 The asbestos crew continued removing the ceiling

fireproofing and the asbestos pipe insulation

17:45 I told the asbestos supervisor that there is a opening

Date: <u>12/23/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

at the top right side of the Deacon.

18:00 One of the asbestos workers sealed the opening at

the top right side of the decon

19:05 The asbestos crew took a break

19:25 The air samples was change surrounding the work area.

19:50 The asbestos crew came back from break to continue

removing the fireproofing from the ceiling

21:00 I told the asbestos supervisor to spray more water

and to change the filter from all the air filtration unit inside

the containment

22:30 The asbestos crew continued removing the

fireproofing from the second floor hallway ceiling

23:00 The asbestos crew started to clean up their work

area to finish for the night

23:45 The asbestos crew finish for the night they will come

the next day

I left the job site

Date: 12/24/18

Location: 221 Concord Ave Belmont MA

Project Number: 219.000.00

Contractor: Select Demo services

Project Monitor Name: Christopher Mendoza

License Number: AM900607

Daily Progress:

At 5:55 I arrived to 221 concord ave Belmont ma at the

Belmont high school

I met with asbestos supervisor Sean Perry, 04/02/19

License number AW937458 from Select Demo.

It was a full monitor job ,air samples started running

Asbestos contractor has 19 asbestos workers plus 2

asbestos supervisors.

Asbestos contractor will continue removing acm at the

Men's locker room, lobby hallway on the first floor and

also Classroom on the second floor.

Decontamination unit was set up on the right corner of the

gym, and load out at the entrances of the lobby.

Contractor had set up 3 chambers: clean room, shower &

Dirty room, shower has a water heater and filtration unit

to filter dirty water. I had checked around the containment

to make sure there not breaches and everything stays seal

so no asbestos fiber will be out of the containment.

I went inside the containment with the asbestos supervisor

Date: <u>12/24/18</u>

Project Number: 219.00.00

Location: 221 Concord Ave Belmont MA Contractor: Select Demo Services

Project Monitor Name: Christopher Mendoza

License Number: <u>AM900607</u>

Daily Progress:

We suited up and wore proper personal Protection inside the containment. We had check all critical, made sure there are not visible beaches nor holes inside the containment that weren't able to see from the outside of the containment. I had requested hepa filters to be changed Every 15 minutes once they start doing the abatement. A few minutes later asbestos supervisor had notified me that he ordered a trailer for the acwm on Friday but didn't get Delivered that day until Monday morning Trailer was dropped off on site. 8:22 Air samples changed Contractor will be setting up trailer with poly, 2 layers on walls and 2 on floors. 9:20 abatement crew had taken break. 9:50 abatement crew returned from break 10:22 air samples were changed 11:11 contractor continue removing fireproofing on beams And fittings as well.

Date: <u>12/24/18</u>

Location: 221 Concord Ave Belmont MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Christopher Mendoza

License Number: AM900607

Daily Progress:

12:00 abatement crew had taken lunch

12:40 abatement crew had returned from lunch and will

continue the abatement

Every 30 minutes air pumps were checked to make sure they are running good and data is being saved.

At 13:25 I met with GC on site

A few minutes later asbestos supervisor had notified us that he will continue Wednesday 26 of December 2018 with the abatement, asbestos workers will be getting dismissed due to the holidays.

Project monitor left job site.

 Date:
 12/26/18
 Location:
 221 Concord Ave Belmont, MA

 Project Number:
 219.000.00
 Contractor:
 Select Demo Services

 Project Monitor Name:
 Juan P Breton
 License Number:
 AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

5:50 I met the asbestos supervisor on site Louis I Perry

with license num: AS000057 and exp date: 05/30/19

from Select Demo Services the asbestos contractor had 11

asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The asbestos crew will start today with the final cleaning In the second floor

In the second floor

6:00 The air samples started running surrounding the work area.

6:05 The asbestos crew are getting ready to go inside the

containment to begin with the final cleaning in the second floor.

7:30 The asbestos crew continued cleaning in the second floor

9:00 The asbestos crew took a break.

Date: 12/26/18

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

9:20 The asbestos crew came back from break to continue

cleaning in the second floor

10:00 three asbestos workers are taking out some asbestos

bags through the bag-out the bags are clean with

the proper label and asbestos sign

10:25 The air samples was change surrounding the work area.

11:40 The asbestos crew went to lunch

12:30 The asbestos crew came back from lunch to continue

cleaning in the second floor.

different fireproofing and it's look like cement plaster and

they request to take some samples and bring it to the lab.

11:40 The asbestos crew went to lunch.

12:40 The asbestos crew came back from lunch to continue

cleaning in the second floor

14:10 The asbestos crew started to clean up their work

area and taking some bags out through the bag out

chamber.

 Date:
 12/26/18
 Location:
 221 Concord Ave Belmont, MA

 Project Number:
 219.000.00
 Contractor:
 Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA at the Belmont High School.

14:50 I met the asbestos supervisor on site Trevor Howard with license num:AS032858 and exp date:09/11/19 from Select Demo Services the asbestos contractor had 12 asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

The second shift asbestos crew will continue today

cleaning the work area

15:05 The air samples started running surrounding the work area and the ceiling fireproofing

15:15 The asbestos crew are getting ready to go inside the containment to continue the final cleaning on the second

floor and first floor.

16:40 The asbestos crew continued cleaning on the second hallway

18:00 The asbestos crew took a break.

Date: <u>12/26/18</u> Lo

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

18:20 The asbestos crew came back from break to continue with the final cleaning on the second floor and first floor

18:30 The asbestos supervisor request a pre visual for the

second floor and I found some debris on the electrical cables and on the floor and I told him to wiped down.

19:00 The asbestos crew are now on the first floor cleaning

the whole area and two asbestos workers are re cleaning on the second floor.

19:30 The air samples was change surrounding the work area.

20:30 The asbestos crew took another break.

21:10 The asbestos crew came back from break to continue with the final cleaning.

22:00 The asbestos supervisor request another pre visual

the second floor area looks nice and clean but they still

need to clean more on the first floor.

The asbestos supervisor told me that they couldn't remove some fiber glass, duct insulation and four asbestos elbows

Date: <u>12/26/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

from the front entrance of the pool because it was too

difficult to reach it.

23:00 The asbestos supervisor request the final visual and it

was approved there was no visible debris.

I told the asbestos supervisor that I will run the air

clearance the next day in the morning.

The asbestos crew left the job site.

I left the job site.

Date: <u>12/27/18</u>	Location: 221 Concord Ave Belmont, MA
Project Number: <u>219.000.00</u>	Contractor: Select Demo Services
Project Monitor Name: Juan P Breto	n License Number: AM900630

Daily Progress:

I arrived at the job site at 221 Concord Ave Belmont, MA

at the Belmont High School.

5:50 I met the asbestos supervisor on site Louis I Perry

with license num: AS000057 and exp date: 05/30/19

from Select Demo Services the asbestos contractor had 11

asbestos workers plus one asbestos supervisor on site.

Today it's a full time monitoring job.

Today I'll be running the final air clearance inside the locker room and hallway.

6:00 The asbestos crew started to clean up outside the

decon before I started the final air clearance.

6:50 The asbestos crew finish the clean up outside the

work area

7:00 the final TEM air clearance started running inside and

outside the containment.

The asbestos crew are taking out to their truck all the

remaining supplies and equipment from the gym

Date: <u>12/27/18</u>

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

License Number: AM900630

Daily Progress:

9:30 The final TEM air clearance was finished and it will be taking to Proscience Analytical Services.

I left the job site.

PRE-REMOVAL VERIFICATION CHECK LIST

Date: 12/22/18

Location: 221 Concord Ave Belmont, MA

Project Number: 219.000.00

Contractor: Select Demo Services

Project Monitor Name: Juan P Breton

Supervisor Name: Louis | Perry

License Number: AM900630

License Number: AS000057

ITEM	YES/NO	Comments
Electrical Locked Out	Yes	
HVAC Locked Out	Yes	
Items Removed	Yes	
Critical Barriers Installed	Yes	
Area Cleaned Prior to Poly	Yes	
Negative Air	Yes	
Decontamination Unit	Yes	
Signs in Place	Yes	
Exits Marked	Yes	
Contractor's Logs	Yes	
State Regulations	Yes	

List Names and License Number of Workers:

Sean Perry. Lic number: AW937458, Exp date: 04/02/19
Antonio Almanza. Lic num:AS000911. Exp date:05/02/19
Alfa Zorrilla. Lic num:AW936711. Exp date:08/02/19
Cristian Africa. Lic num:AW035209. Exp date:06/18/19
Edgardo Llanos. Lic num:AS902858. Exp date:07/09/19
Trevor J Howard. Lic num:AS032886. Exp date:09/11/19
Seth Hong Song. Lic num:AW001945. Exp date:05/14/19
Rotunda Than. Lic num:AW936051. Exp date:08/07/19
Norah Chann Lic num:AW061395. Exp date:06/26/19
Christopher Perry. Lic num:AW937222. Exp date:07/23/19
Derrick Eang, Lic num:AW004823, Lic num:05/09/19

DAILY VERIFICATION CHECK LIST

Date: 12/26/18	Location: 221 Concord Ave Belmont, MA
Project Number: <u>219.000.</u> 00	Contractor: Select Demo Services
Project Monitor Name: Juan P Breto	DD License Number: AM900630
Supervisor Name: Louis I Perry	License Number: AS000057
Supervisor Signature:	

List of Quantities of ACM Removed per Work Area:

The asbestos crew removed 1,282 Lf of asbestos pipe insulation, 5,100 Sq.

Ft of asbestos fireproofing and 225 Sq ft of duct insulation

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FINAL VISUAL INSPECTION VERIFICATION CHECK LIST

Date: 12/26/18	Site Name: 221 Concord Ave Belmont, MA
Containment Location: LOCKer room/ H	Hallway
Project Number: 219.000.00	Contractor: Select Demo Services AM90
Project Monitor Name: Juan P Breton	License Number: AM900630
Project Monitor Signature:	
Supervisor Signature: Ru	

Scope	Yes-No-N/A	Comments
Floor Clean	Yes	
Piping System Clean	Yes	
Boiler Clean	N/A	
Duct Clean	Yes	
Tank Clean	N/A	
Other Mechanical Systems Clean	Yes	
Debris Removed	Yes	
Poly Removed	N/A	
Area Cleaned after Removal of Poly	N/A	Monitor left the job site before teardown
Area Dry	Yes	
Visual Pass or Fail	Pass	
Re-Clean Done	Yes	
Waste Double Bagged	Yes	
Air Sampling Performed	Yes	
Air Sampling Pass or Fail	Pass	
Final Visual after Pass of Air Sampling	N/A	
Contractor's Logs Signed	Yes	
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This form must be completed for each work area.