



January 26, 2026

Ms. Katherine F. Watkins, P.E.
Deputy City Manager
City of Cambridge
Cambridge City Hall
795 Massachusetts Avenue
Cambridge, MA 02139

RE: Weekly Airborne Fiber Monitoring Results Report
Riverview Condominiums Demolition Project
221 Mt. Auburn Street, Cambridge, Massachusetts
TRC Project 000682990

Dear Ms. Watkins:

TRC Environmental Corporation (TRC) performed daily ambient air monitoring at the above-referenced location on January 20-23, 2026, in accordance with the Massachusetts Department of Environmental Protection (MassDEP) approved Non-Traditional Asbestos Abatement Work Practices (NTWP) plan (MassDEP approval NNT25189). Monitoring for airborne fibers was conducted at six (6) fixed ground level (breathing zone height) perimeter locations and two (2) elevated mobile locations. Monitoring at each mobile sampling location was performed at various heights from mobile aerial lift equipment located in the general proximity of the demolition activities on each monitoring date. Note that due to the holiday, no work was conducted on January 19, 2026.

Samples were collected on 25-millimeter mixed cellulose ester filters in 3-piece cassettes in the open face configuration using vacuum pumps. A calibrated rotameter was used to determine air flow rates at the beginning and end of each sampling period.

Sample analysis was performed in accordance with the NIOSH 7400 Method, Issue 3, 06/14/19, Phase Contrast Microscopy (PCM). The analytical results indicate that airborne fiber concentrations at all the fixed and mobile air monitoring locations were less than 0.010 fibers per cubic centimeter (f/cc), which is the MassDEP approved acceptance criteria for this project and is also the Massachusetts Department of Labor Standards (DLS) PCM clearance criteria for asbestos response actions.

The daily air monitoring results, which are transmitted electronically to the MassDEP daily, are attached.

Please contact us if you have any questions or if we can be of additional assistance.

Sincerely,
TRC

A handwritten signature in blue ink, appearing to read "OS", is placed below the typed name.

Olivia Seabury, CIH, CSP
TRC Senior Industrial Hygienist

cc: Brendon Roy, City of Cambridge, Director of Capital Building Projects Department
Monique Oliveira, City of Cambridge, Director of Construction,
John Logiudice, City of Cambridge, Assistant Project Manager
Kristen Kelleher, City of Cambridge, Community Relations Manager
Sam Lipson, City of Cambridge, Senior Director of Environmental Health



ASBESTOS AIR SAMPLE RESULTS

Project Name	Riverview Condominiums (Full Building Demolition) (NTWP)(NNT25189) (Phase4) (Northwest Side of the Building)	Sample Date	01/20/2026
TRC Project #	000682990	Laboratory	TRC – Woburn
Client	City of Cambridge	Analysis Method	NIOSH 7400
Facility Name	Riverview Condominiums	Facility Location	221 Mt. Auburn St. Cambridge Middlesex County MA 02138 US
Calibrator Type	Rotameter	Calibrator Serial Number	TRC027
Date of Last Calibration	12/12/25	Microscope Number	8B09818

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
Area	003	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	07:44	11:32	228	7.1	7.1	7.1	1618.8	3	100	0.002	<LOD	N/A
Area	004	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	07:45	11:34	229	7.1	7.1	7.1	1625.9	5.5	100	0.002	0.002	N/A
Area	005	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	07:48	11:37	229	7.1	7.1	7.1	1625.9	2	100	0.002	<LOD	N/A
Area	006	(Fixed Sample) Southwest perimeter of work area, near Gate B	07:49	11:39	230	7.1	7.1	7.1	1633	3.5	100	0.002	<LOD	N/A
Area	007	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	07:51	11:42	231	7.1	7.1	7.1	1640.1	5	100	0.002	<LOD	N/A
Area	008	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	07:52	11:45	233	7.1	7.1	7.1	1654.3	2	100	0.002	<LOD	N/A
Area	009	(Fixed Sample) North perimeter of work area, at chain linked fence	07:57	11:48	231	7.1	7.1	7.1	1640.1	3.5	100	0.002	<LOD	N/A
Area	010	(Fixed Sample)	07:58	11:50	232	7.1	7.1	7.1	1647.2	4	100	0.002	<LOD	N/A

- Results outside the 100 – 1300 fibers/mm² range have greater than optimal variability and are probably biased.





ASBESTOS AIR SAMPLE RESULTS

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
		Northeast perimeter of work area, next to the Consigli trailer												
Area	011	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	11:32	14:03	151	7.1	7.1	7.1	1072.1	2	100	0.003	<LOD	N/A
Area	012	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	11:34	14:04	150	7.1	7.1	7.1	1065	3	100	0.003	<LOD	N/A
Area	013	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~ 80')	11:37	14:07	150	7.1	7.1	7.1	1065	6	100	0.003	0.003	N/A
Area	014	(Fixed Sample) Southwest perimeter of work area, near Gate B	11:39	14:09	150	7.1	7.1	7.1	1065	2	100	0.003	<LOD	N/A
Area	015	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	11:42	14:11	149	7.1	7.1	7.1	1057.9	2.5	100	0.003	<LOD	N/A
Area	016	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	11:45	14:14	149	7.1	7.1	7.1	1057.9	3.5	100	0.003	<LOD	N/A
Area	017	(Fixed Sample) North perimeter of work area, at chain linked fence	11:48	14:16	148	7.1	7.1	7.1	1050.8	2	100	0.003	<LOD	N/A
Area	018	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	11:50	14:18	148	7.1	7.1	7.1	1050.8	3	100	0.003	<LOD	N/A
Field Blank	001	Field Blank 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A
Field Blank	002	Field Blank 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A



ASBESTOS AIR SAMPLE RESULTS

Sampling and Analysis Information					
Sampling Technician	Roland Holacsek	Sampling Technician Date	01/20/2026	Sampling Technician (SIGNATURE)	
Analyst	Daniel Batts	Analysis Date	01/20/2026	Analyst (SIGNATURE)	
Laboratory Relative Standard Deviation Values (S _r)					
Range Fibers / Field	<20/100	20.5 to 50/100	>50/100		
Intra-Lab S _r	0.162	0.145	0.064		
Recount (S _r /2)	0.081	0.073			
Standards	<0.01 f/cc – EPA Re-Occupancy Clearance Criteria 0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA) 1.0 f/cc – OSHA 30-minute Excursion Limit LOD – Limit of Detection 5.5 fibers / 100 fields				

- Results outside the 100 – 1300 fibers/mm² range have greater than optimal variability and are probably biased.



ASBESTOS AIR SAMPLE RESULTS

Project Name	Riverview Condominiums (Full Building Demolition) (NTWP)(NNT25189) (Phase4) (Northwest Side of the Building)	Sample Date	01/21/2026
TRC Project #	000682990	Laboratory	TRC – Woburn
Client	City of Cambridge	Analysis Method	NIOSH 7400
Facility Name	Riverview Condominiums	Facility Location	221 Mt. Auburn St. Cambridge Middlesex County MA 02138 US
Calibrator Type	Rotameter	Calibrator Serial Number	TRC027
Date of Last Calibration	12/12/25	Microscope Number	8B09818

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
Area	003	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	07:14	11:21	247	7.1	7.1	7.1	1753.7	2.5	100	0.002	<LOD	N/A
Area	004	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	07:16	11:23	247	7.1	7.1	7.1	1753.7	4	100	0.002	<LOD	N/A
Area	005	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	07:19	11:26	247	7.1	7.1	7.1	1753.7	3.5	100	0.002	<LOD	N/A
Area	006	(Fixed Sample) Southwest perimeter of work area, near Gate B	07:21	11:28	247	7.1	7.1	7.1	1753.7	2	100	0.002	<LOD	N/A
Area	007	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	07:22	11:31	249	7.1	7.1	7.1	1767.9	4	100	0.002	<LOD	N/A
Area	008	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	07:23	11:34	251	7.1	7.1	7.1	1782.1	3	100	0.002	<LOD	N/A
Area	009	(Fixed Sample) North perimeter of work area, at chain linked fence	07:28	11:37	249	7.1	7.1	7.1	1767.9	5	100	0.002	<LOD	N/A
Area	010	(Fixed Sample)	07:30	11:39	249	7.1	7.1	7.1	1767.9	2	100	0.002	<LOD	N/A

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Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
		Northeast perimeter of work area, next to the Consigli trailer												
Area	011	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	11:21	15:33	252	7.1	7.1	7.1	1789.2	3	100	0.002	<LOD	N/A
Area	012	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	11:23	15:35	252	7.1	7.1	7.1	1789.2	5	100	0.002	<LOD	N/A
Area	013	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	11:26	15:38	252	7.1	7.1	7.1	1789.2	2	100	0.002	<LOD	N/A
Area	014	(Fixed Sample) Southwest perimeter of work area, near Gate B	11:28	15:40	252	7.1	7.1	7.1	1789.2	3	100	0.002	<LOD	N/A
Area	015	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	11:31	15:43	252	7.1	7.1	7.1	1789.2	2	100	0.002	<LOD	N/A
Area	016	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	11:34	15:45	251	7.1	7.1	7.1	1782.1	4	100	0.002	<LOD	N/A
Area	017	(Fixed Sample) North perimeter of work area, at chain linked fence	11:37	15:48	251	7.1	7.1	7.1	1782.1	3.5	100	0.002	<LOD	N/A
Area	018	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	11:39	15:50	251	7.1	7.1	7.1	1782.1	2	100	0.002	<LOD	N/A
Field Blank	001	Field Blank 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A
Field Blank	002	Field Blank 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A



ASBESTOS AIR SAMPLE RESULTS

Sampling and Analysis Information					
Sampling Technician	Roland Holacsek	Sampling Technician Date	01/21/2026	Sampling Technician (SIGNATURE)	
Analyst	Daniel Batts	Analysis Date	01/21/2026	Analyst (SIGNATURE)	
Laboratory Relative Standard Deviation Values (S _r)					
Range Fibers / Field	<20/100	20.5 to 50/100	>50/100		
Intra-Lab S _r	0.162	0.145	0.064		
Recount (S _r /2)	0.081	0.073			
Standards	<0.01 f/cc – EPA Re-Occupancy Clearance Criteria 0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA) 1.0 f/cc – OSHA 30-minute Excursion Limit LOD – Limit of Detection 5.5 fibers / 100 fields				

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ASBESTOS AIR SAMPLE RESULTS

Project Name	Riverview Condominiums (Full Building Demolition) (NTWP)(NNT25189) (Phase4) (Northwest Side of the Building)	Sample Date	01/22/2026
TRC Project #	000682990	Laboratory	TRC – Woburn
Client	City of Cambridge	Analysis Method	NIOSH 7400
Facility Name	Riverview Condominiums	Facility Location	221 Mt. Auburn St. Cambridge Middlesex County MA 02138 US
Calibrator Type	Rotameter	Calibrator Serial Number	TRC027
Date of Last Calibration	12/12/25	Microscope Number	8B09818

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
Area	003	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	07:19	11:14	235	7.1	7.1	7.1	1668.5	6	100	0.002	0.002	N/A
Area	004	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	07:20	11:15	235	7.1	7.1	7.1	1668.5	4	100	0.002	<LOD	N/A
Area	005	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	07:21	11:16	235	7.1	7.1	7.1	1668.5	4	100	0.002	<LOD	N/A
Area	006	(Fixed Sample) Southwest perimeter of work area, near Gate B	07:23	11:17	234	7.1	7.1	7.1	1661.4	3.5	100	0.002	<LOD	N/A
Area	007	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	07:25	11:19	234	7.1	7.1	7.1	1661.4	3	100	0.002	<LOD	N/A
Area	008	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	07:26	11:20	234	7.1	7.1	7.1	1661.4	7	100	0.002	0.002	N/A
Area	009	(Fixed Sample)	07:31	11:23	232	7.1	7.1	7.1	1647.2	2	100	0.002	<LOD	N/A

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Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
		North perimeter of work area, at chain linked fence												
Area	010	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	07:33	11:24	231	7.1	7.1	7.1	1640.1	5	100	0.002	<LOD	N/A
Area	011	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	11:14	15:24	250	7.1	7.1	7.1	1775	5	100	0.002	<LOD	N/A
Area	012	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	11:15	15:25	250	7.1	7.1	7.1	1775	4.5	100	0.002	<LOD	N/A
Area	013	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	11:16	15:26	250	7.1	7.1	7.1	1775	4	100	0.002	<LOD	N/A
Area	014	(Fixed Sample) Southwest perimeter of work area, near Gate B	11:17	15:27	250	7.1	7.1	7.1	1775	2.5	100	0.002	<LOD	N/A
Area	015	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	11:19	15:28	249	7.1	7.1	7.1	1767.9	4	100	0.002	<LOD	N/A
Area	016	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	11:20	15:29	249	7.1	7.1	7.1	1767.9	6.5	100	0.002	0.002	N/A
Area	017	(Fixed Sample) North perimeter of work area, at chain linked fence	11:23	15:30	247	7.1	7.1	7.1	1753.7	3	100	0.002	<LOD	N/A
Area	018	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	11:24	15:31	247	7.1	7.1	7.1	1753.7	4	100	0.002	<LOD	N/A



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ASBESTOS AIR SAMPLE RESULTS

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
Field Blank	001	Field Blank 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A
Field Blank	002	Field Blank 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A

Sampling and Analysis Information

Sampling Technician	Roland Holacsek	Sampling Technician Date	01/22/2026	Sampling Technician (SIGNATURE)	
Analyst	Scott Stockwell	Analysis Date	01/22/2026	Analyst (SIGNATURE)	

QC Recount (NIOSH 7400 Section 14)

Sample #	Original Count Fiber Density	Recount Fiber Density	Acceptable (ACCEPT / REJECT)
012	5.73	5.73	ACCEPT

Laboratory Relative Standard Deviation Values (S_r)

Range Fibers / Field	<20/100	20.5 to 50/100	>50/100
Intra-Lab S _r	0.162	0.145	0.064
Recount (S _r /2)	0.081	0.073	

Standards

<0.01 f/cc – EPA Re-Occupancy Clearance Criteria
0.10 f/cc – OSHA Permissible Exposure Limit (8 hr. TWA)
1.0 f/cc – OSHA 30-minute Excursion Limit
LOD – Limit of Detection 5.5 fibers / 100 fields

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ASBESTOS AIR SAMPLE RESULTS

Project Name	Riverview Condominiums (Full Building Demolition) (NTWP)(NNT25189) (Phase4) (Northwest Side of the Building)	Sample Date	01/23/2026
TRC Project #	000682990	Laboratory	TRC – Woburn
Client	City of Cambridge	Analysis Method	NIOSH 7400
Facility Name	Riverview Condominiums	Facility Location	221 Mt. Auburn St. Cambridge Middlesex County MA 02138 US
Calibrator Type	Rotameter	Calibrator Serial Number	TRC027
Date of Last Calibration	12/12/25	Microscope Number	8B09818

Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
Area	003	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	07:14	11:27	253	7.1	7.1	7.1	1796.3	3	100	0.002	<LOD	N/A
Area	004	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	07:15	11:29	254	7.1	7.1	7.1	1803.4	5	100	0.002	<LOD	N/A
Area	005	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	07:16	11:32	256	7.1	7.1	7.1	1817.6	2	100	0.002	<LOD	N/A
Area	006	(Fixed Sample) Southwest perimeter of work area, near Gate B	07:18	11:34	256	7.1	7.1	7.1	1817.6	3.5	100	0.002	<LOD	N/A
Area	007	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	07:19	11:37	258	7.1	7.1	7.1	1831.8	2	100	0.002	<LOD	N/A
Area	008	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	07:20	11:39	259	7.1	7.1	7.1	1838.9	4	100	0.002	<LOD	N/A
Area	009	(Fixed Sample)	07:24	11:42	258	7.1	7.1	7.1	1831.8	3	100	0.002	<LOD	N/A

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Sample Type	Sample #	Sample Location	Time On	Time Off	Total Time	Pre (L/m)	Post (L/m)	Avg (L/m)	Total Volume (L)	Total Fibers	Total Fields	LOD (f/cc)	Results (f/cc)	Notes
		North perimeter of work area, at chain linked fence												
Area	010	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	07:26	11:44	258	7.1	7.1	7.1	1831.8	2	100	0.002	<LOD	N/A
Area	011	(Fixed Sample) Southeast perimeter of work area, next to 205 Mt. Auburn	11:27	15:39	252	7.1	7.1	7.1	1789.2	5.5	100	0.002	0.002	N/A
Area	012	(Fixed Sample) South perimeter of work area, next to the remote decontamination unit	11:29	15:41	252	7.1	7.1	7.1	1789.2	4	100	0.002	<LOD	N/A
Area	013	(Mobile Sample) On boom lift, Southwest perimeter of work area, near Gate B (6th level height, ~80')	11:32	15:44	252	7.1	7.1	7.1	1789.2	2	100	0.002	<LOD	N/A
Area	014	(Fixed Sample) Southwest perimeter of work area, near Gate B	11:34	15:46	252	7.1	7.1	7.1	1789.2	3.5	100	0.002	<LOD	N/A
Area	015	(Fixed Sample) Northwest perimeter of work area, Sparks St. fence	11:37	15:49	252	7.1	7.1	7.1	1789.2	2	100	0.002	<LOD	N/A
Area	016	(Mobile Sample) On boom lift, Northwest perimeter of work area, at Sparks St. fence (6th level height, ~80')	11:39	15:51	252	7.1	7.1	7.1	1789.2	4	100	0.002	<LOD	N/A
Area	017	(Fixed Sample) North perimeter of work area, at chain linked fence	11:42	15:54	252	7.1	7.1	7.1	1789.2	3	100	0.002	<LOD	N/A
Area	018	(Fixed Sample) Northeast perimeter of work area, next to the Consigli trailer	11:44	15:56	252	7.1	7.1	7.1	1789.2	2	100	0.002	<LOD	N/A



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Field Blank	001	Field Blank 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A
Field Blank	002	Field Blank 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0	100	N/A	N/A	N/A

Sampling and Analysis Information

Sampling Technician	Roland Holacsek	Sampling Technician Date	01/23/2026	Sampling Technician (SIGNATURE)	
Analyst	Daniel Batts	Analysis Date	01/23/2026	Analyst (SIGNATURE)	

Laboratory Relative Standard Deviation Values (S_r)

Range Fibers / Field	<20/100	20.5 to 50/100	>50/100
Intra-Lab S _r	0.162	0.145	0.064
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