



**YOTI N.N. & ASSOCIATES, INC (YNN)**  
**Industrial Hygiene and Environmental Services**

October 6, 2024

Mr. Derek Kwon  
Montgomery County Public School  
Division of Sustainability and Compliance  
8301 Turkey Thicket Drive,  
Gaithersburg, Maryland 20879

**RE: Fiber-in-air Sampling – Joann Leleck Elementary School**

Dear Mr. Kwon:

Yoti N. N. & Associates, Inc. (YNN) performed a fiber-in-air sampling of Joann Leleck Elementary school (Site) per Montgomery County Public School (MCPS), Division of Sustainability and Compliance (DSC) request. The Site is located at 710 Beacon Road in Silver Spring, Maryland. The sampling request was made pursuant of building fire resulting in total collapse of the building structure. YNN mobilized to the Site and has been conducting air sampling, beginning on September 25, 2024 and will continue to collect environmental air samples until instructed otherwise.

The report present is for the fiber-in-air samples collected on September 25, 2024 through October 6, 2024.

YNN's Industrial Hygienist, Mr. John Ndanga, conducted the fiber-in-air sampling. The samples were collected along the fence that has been erected around the demolished structure.

YNN collected the Phase Contrast Microscopy (PCM) air samples using low-volume air sampling pumps which were calibrated on Site with a rotameter. Collected air samples were analyzed using Phase Contrast Microscopy (PCM) in accordance with the National Institute for Occupational Safety and Health (NIOSH) Method 7400. PCM analysis was performed by assigned Industrial Hygienists who have completed the NIOSH 582 equivalency course.

Refer to the attached field data sheets and drawing for detailed sample locations and air sampling results. Based on the air sampling data collected, there is no evidence that elevated background fiber levels exist within the area of concern at Joann Leleck Elementary School.

YNN continues to perform fiber-in-air sampling at the Site.

Sincerely,

YNN & Associates, Inc.

John Ndanga

Project Manager





**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 9/25/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
092524-1	Environmental-Main Entrance on Fence	5	5	16:15	19:00	165	825	10	< 0.01
092524-2	Environmental-Facing White Apartments	5	5	16:17	19:02	165	825	6	< 0.01
092524-3	Environmental-Facing House 705	5	5	16:20	19:05	165	825	4	< 0.01
092524-4	Environmental-Facing Brown Apts.	5	5	16:23	19:08	165	825	5.5	< 0.01
092524-5	Environmental-Facing Brown Apts.	5	5	16:26	19:11	165	825	6.5	< 0.01
092524-6	Environmental-Facing St. Camillus	5	5	16:32	19:20	168	840	8	< 0.01
092524-7	Environmental-Facing St. Camillus	5	5	16:35	19:22	167	835	6	< 0.01
092524-8	Environmental-Facing Playground	5	5	16:38	19:26	168	840	7.5	< 0.01
092524-9	Environmental-Facing Playground	5	5	16:41	19:28	167	835	6	< 0.01
092524-10	Environmental-Facing Gym	5	5	16:44	19:34	170	850	14.5	< 0.01
092524-11	Environmental-Facing Gym	5	5	16:47	19:36	169	845	12	< 0.01
092524-12	Environmental-Facing Field	5	5	16:49	19:39	170	850	4.5	< 0.01

**Abbreviations:**  
 PRE - Pre-Abatement Sampling  
 OGBA - Outside Glove Bag Area  
 IGBA - Inside Glove Bag Area  
 PRS - Personal Sample  
 IBT - Inside Barrier Tape

BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape

NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 9/25/2024





**YOTI N.N. & ASSOCIATES, INC (YNN)**

Industrial Hygiene and Environmental Services

**DAILY LOG SHEET**

**Date:** 9/26/2024

**Job Name:** Joann Leleck Elementary School

Time	Remarks
10:30	YNN's field IH arrived at Joann Leleck Elementary School (Site) located at 710 Beacon Road
	in Silver Spring, Maryland to perform environmental air sampling (fiber-in-air) because of the
	fire incident. YNN's IH (John Ndanga) met with GC's (Gilban) onsite superintendent
	Chris Marro was informed that the demo crew will commence separating scrap metal from
	the demo debris. With the rain continuing to fall, dust suppression was under control.
10:45	IH calibrated air samplers with a rotameter at 5 l/m and commenced environmental air
	sampling in the strategically chosen locations. The crane operators continue to separate
	scrap metal from demo debris. The rain continued to fall and suppress any dust resulting from
	the demo operation.
12:00	IH performed a walk through of the sample locations. All air samplers were observed running.
13:30	IH started collecting air samples and air samplers.
14:00	IH exited the Site.
15:00	IH prepared air samples and performed air sample analysis.
16:00	IH completed performing air sample analysis. All air samples were below 0.01 f/cc.



**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 9/26/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
092624-1	Environmental-Main Entrance on Fence	5	5	10:45	13:30	165	825	4.5	< 0.01
092624-2	Environmental-Facing White Apartments	5	5	10:46	13:31	165	825	3.5	< 0.01
092624-3	Environmental-Facing House 705	5	5	10:48	13:34	166	830	2	< 0.01
092624-4	Environmental-Facing Brown Apts.	5	5	10:51	13:36	165	825	1.5	< 0.01
092624-5	Environmental-Facing Brown Apts.	5	5	10:52	13:38	166	830	2	< 0.01
092624-6	Environmental-Facing St. Camillus	5	5	10:55	13:41	166	830	3	< 0.01
092624-7	Environmental-Facing St. Camillus	5	5	10:57	13:45	168	840	2	< 0.01
092624-8	Environmental-Facing Playground	5	5	10:58	13:46	168	840	2.5	< 0.01
092624-9	Environmental-Facing Playground	5	5	11:02	13:49	167	835	2	< 0.01
092624-10	Environmental-Facing Gym	5	5	11:03	13:52	169	845	3	< 0.01
092624-11	Environmental-Facing Gym	5	5	11:05	13:55	170	850	3.5	NFO
092624-12	Environmental-Facing Field	5	5	11:08	13:58	170	850	2.5	NFO

**Abbreviations:**

PRE - Pre-Abatement Sampling  
 OGBA - Outside Glove Bag Area  
 IGBA - Inside Glove Bag Area  
 PRS - Personal Sample  
 IBT - Inside Barrier Tape

BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape

NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date

9/26/2024







**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 9/27/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
092724-1	Environmental-Main Entrance on Fence	5	5	7:30	13:35	365	1825	5	< 0.01
092724-2	Environmental-Facing White Apartments	5	5	7:32	13:37	365	1825	3	< 0.01
092724-3	Environmental-Facing House 705	5	5	7:35	13:39	364	1820	2.5	< 0.01
092724-4	Environmental-Facing Brown Apts.	5	5	7:39	13:41	362	1810	3.5	< 0.01
092724-5	Environmental-Facing Brown Apts.	5	5	7:40	13:42	362	1810	2.5	< 0.01
092724-6	Environmental-Facing St. Camillus	5	5	7:45	13:45	360	1800	3.5	< 0.01
092724-7	Environmental-Facing St. Camillus	5	5	7:46	13:46	360	1800	3	< 0.01
092724-8	Environmental-Facing Playground	5	5	7:48	13:47	359	1795	2	< 0.01
092724-9	Environmental-Facing Playground	5	5	7:49	13:49	360	1800	3.5	< 0.01
092724-10	Environmental-Facing Gym	5	5	7:52	13:53	361	1805	6	< 0.01
092724-11	Environmental-Facing Gym	5	5	7:53	13:55	362	1810	7.5	NFO
092724-12	Environmental-Facing Field	5	5	7:56	13:59	363	1815	3	NFO

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NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 9/27/2024







**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 9/30/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
093024-1	Environmental-Main Entrance on Fence	3	3	7:15	16:00	525	1575	6.5	< 0.01
093024-2	Environmental-Facing White Apartments	3	3	7:17	16:01	524	1572	5	< 0.01
093024-3	Environmental-Facing House 705	3	3	7:18	16:05	527	1581	4.5	< 0.01
093024-4	Environmental-Facing Brown Apts.	3	3	7:20	16:09	529	1587	3	< 0.01
093024-5	Environmental-Facing Brown Apts.	3	3	7:22	16:10	528	1584	4.5	< 0.01
093024-6	Environmental-Facing St. Camillus	3	3	7:30	16:14	524	1572	5.5	< 0.01
093024-7	Environmental-Facing St. Camillus	3	3	7:31	16:15	524	1572	5	< 0.01
093024-8	Environmental-Facing Playground	3	3	7:33	16:17	524	1572	4	< 0.01
093024-9	Environmental-Facing Playground	3	3	7:35	16:20	525	1575	5	< 0.01
093024-10	Environmental-Facing Gym	3	3	7:38	16:22	524	1572	7	< 0.01
093024-11	Environmental-Facing Gym	3	3	7:39	16:24	525	1575	6.5	NFO
093024-12	Environmental-Facing Field	3	3	7:42	16:28	526	1578	5	NFO

**Abbreviations:**  
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BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape

NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 9/30/2024





**YOTI N.N. & ASSOCIATES, INC (YNN)**

Industrial Hygiene and Environmental Services

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### DAILY LOG SHEET

Date: 10/1/2024

Job Name: Joann Leleck ES

Time	Remarks
7:00	YNN's field IH arrived at Joann Leleck Elementary school (Site) to perform environmental (fiber-in-air) sampling following the fire incident which resulted in almost total colaps of the structure. The Site is located at 710 Beacon Road in Silver Spring, Maryland.
	IH discussed work plan fr the day with Chris Marro (Sr. General Superintendent) with Gilbane.
	IH was informed that the demo crew will continue to separate metal from demo debris and loading the debris and metal into separate dumpsters. The demo company is Bowen & Kron.
7:30	IH calibrated low volume air samplers with a rotameter and commenced environmental air sampling along the erected fence surrounding the demolished building structure.
	Theses samples were strategically positioned to capture air quality in different sections of the
	The demo crew is utilizing two excavators to continue demo of APR and South Classrooms and loading up dumpsters while the third excavator will continue to separate scrap metal
	from demo debris. A worker was observed utilizing a water truck with a water cannon for dust suppression to minimize airborne particles during the demo operation.
10:30	The excavator operator was observed separating scrap metal, bricks, concrete and demo debris for recycling and proper disposal. Dump trucks started to arrive and hauling away
	loaded dumpsters and replacing them with empty dumpsters.
11:00	IH performed a walk through of the area. The demo operator continued to perform demo of the APR and South Classrooms. Dust suppression via water cannon continues.
	Air samplers observed running properly. Dump trucks continued to haul away dumpster loads of separated demo debris, metal and brick/concrete.
12:30	IH performed a walk through of the area and checked on the air samplers. Air samplers were observed running well. Demo operation observed to be moving along without any problems.
	Dust suppression to minimize airborne particles during the demo operation coninues.
16:00	IH started collecting air samplers and air samples.
16:30	IH exited the site.
18:00-19:30	IH prepared aie samples and performed air sample analysis via PCM. All air samples were below 0.01 f/cc.



**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/1/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
100124-1	Environmental-Main Entrance on Fence	3	3	7:30	16:00	510	1530	5.5	< 0.01
100124-2	Environmental-Facing White Apartments	3	3	7:31	16:01	510	1530	4	< 0.01
100124-3	Environmental-Facing House 705	3	3	7:33	16:02	509	1527	3.5	< 0.01
100124-4	Environmental-Facing Brown Apts.	3	3	7:35	16:04	509	1527	5	< 0.01
100124-5	Environmental-Facing Brown Apts.	3	3	7:37	16:05	508	1524	3.5	< 0.01
100124-6	Environmental-Facing St. Camillus	3	3	7:40	16:07	507	1521	5	< 0.01
100124-7	Environmental-Facing St. Camillus	3	3	7:41	16:08	507	1521	6.5	< 0.01
100124-8	Environmental-Facing Playground	3	3	7:44	16:10	506	1518	4.5	< 0.01
100124-9	Environmental-Facing Playground	3	3	7:46	16:12	506	1518	5.5	< 0.01
100124-10	Environmental-Facing Gym	3	3	7:49	16:15	506	1518	8	< 0.01
100124-11	Environmental-Facing Gym	3	3	7:50	16:16	506	1518	6	< 0.01
100124-12	Environmental-Facing Field	3	3	7:54	16:19	505	1515	7.5	< 0.01

**Abbreviations:** PRE - Pre-Abatement Sampling  
 OGBA - Outside Glove Bag Area  
 IGBA - Inside Glove Bag Area  
 PRS - Personal Sample  
 IBT - Inside Barrier Tape  
 BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape  
 NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 10/1/2024







**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/2/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		On Time	Off Time	Total Time	Total Volume	Fibers	Fibers CC
		Start	End						
100224-1	Environmental-Main Entrance on Fence	3	3	7:15	16:00	525	1575	6.5	< 0.01
100224-2	Environmental-Facing White Apartments	3	3	7:16	16:02	526	1578	4	< 0.01
100224-3	Environmental-Facing House 705	3	3	7:19	16:04	525	1575	3	< 0.01
100224-4	Environmental-Facing Brown Apts.	3	3	7:22	16:06	524	1572	4.5	< 0.01
100224-5	Environmental-Facing Brown Apts.	3	3	7:25	16:08	523	1569	3	< 0.01
100224-6	Environmental-Facing St. Camillus	3	3	7:35	16:12	517	1551	9	< 0.01
100224-7	Environmental-Facing St. Camillus	3	3	7:36	16:13	517	1551	7.5	< 0.01
100224-8	Environmental-Facing Playground	3	3	7:39	16:15	516	1548	6	< 0.01
100224-9	Environmental-Facing Playground	3	3	7:41	16:16	515	1545	8	< 0.01
100224-10	Environmental-Facing Gym	3	3	7:43	16:18	515	1545	14.5	< 0.01
100224-11	Environmental-Facing Gym	3	3	7:44	16:19	515	1545	11	< 0.01
100224-12	Environmental-Facing Field	3	3	7:47	16:22	515	1545	12.5	< 0.01

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BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape

NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 10/2/2024





**DAILY LOG SHEET**

Date: 10/3/2024

Job Name: Joann Leleck Elementary School

Time	Remarks
7:00	<b>SUMMARY OF ACTIVITIES:</b>
	Yoti N.N. Industrial Hygienist Kathya Zuniga (KZ) arrives on-site at 710 Beacon Rd Silver Spring, MD 20903.
	The IH was contracted to perform air monitoring while Bowen & Kron, the abatement company
	demolished the multipurpose building, kitchen building, and South Classroom building
	following the Joann Leleck Elementary School fire.
	IH conducted a walk-through with Chris Marro, the general superintendent, to assess the site
	and identify areas where potential airborne hazards could be present during demolition. After
	reviewing the demolition plan and safety protocols, the IH calibrated and set air samples around
	the perimeter of the worksite to ensure accurate monitoring of airborne particulate matter
	and fiber concentrations. These samples were strategically placed to capture air quality in different sections of
	the demolition zone, especially near sensitive areas like adjacent structures.
	Bowen & Kron continued using an excavator and forklift to demolish the building structures. They worked systematically, starting
	from the most structurally compromised sections, ensuring debris was contained as much as possible.
	Simultaneously, the crew separated scrap materials—metal, bricks, concrete, and trash—for proper disposal and recycling.
	To minimize dust and airborne particles during demolition, a crew member continuously sprayed water over the
	debris, a standard practice to reduce the risk of airborne contamination. This water suppression method helped maintain safer
	working conditions while reducing the spread of potentially hazardous dust into the surrounding environment.
14:00	IH began collecting air samples for analysis. These samples were analyzed on-site using the NIOSH 7400 method,
	with results showing fiber concentrations below 0.001 f/cc, ensuring that air quality remained within safe levels for both
	workers and the surrounding environment.



**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/3/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
100324-1	Environmental-Main Entrance on Fence	3	3	7:20	14:00	400	1200	2.5	< 0.01
100324-2	Environmental-Facing White Apartments	3	3	7:21	14:02	401	1203	2	< 0.01
100324-3	Environmental-Facing House 705	3	3	7:24	14:04	400	1200	2	< 0.01
100324-4	Environmental-Facing Brown Apts.	3	3	7:26	14:06	400	1200	3.5	< 0.01
100324-5	Environmental-Facing Brown Apts.	3	3	7:27	14:07	400	1200	4	< 0.01
100324-6	Environmental-Facing St. Camillus	3	3	7:28	14:09	401	1203	2	< 0.01
100324-7	Environmental-Facing St. Camillus	3	3	7:29	14:10	401	1203	2.5	< 0.01
100324-8	Environmental-Facing Playground	3	3	7:30	14:12	402	1206	3.5	< 0.01
100324-9	Environmental-Facing Playground	3	3	7:31	14:13	402	1206	1.5	< 0.01
100324-10	Environmental-Facing Gym	3	3	7:33	14:14	401	1203	2	< 0.01
100324-11	Environmental-Facing Gym	3	3	7:34	14:15	401	1203	3.5	< 0.01
100324-12	Environmental-Facing Field	3	3	7:36	14:18	402	1206	3	< 0.01

**Abbreviations:**  
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 IBT - Inside Barrier Tape

BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
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NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 10/3/2024





**YOTI N.N. & ASSOCIATES, INC (YNN)**

Industrial Hygiene and Environmental Services

Page: 1 of 1

**DAILY LOG SHEET**

Date: 10/4/2024

Job Name: Joann Leleck ES

Time	Remarks
7:00	YNN's field IH arrived at Joann Leleck Elementary school (Site) to perform environmental (fiber-in-air) sampling following the fire incident which resulted in almost total colaps of the structure. The Site is located at 710 Beacon Road in Silver Spring, Maryland.
	IH discussed work plan fr the day with Chris Marro (Sr. General Superintendent) with Gilbane.
	IH was informed that the demo crew will continue to separate metal from demo debris and loading the debris and metal into separate dumpsters. The demo company is Bowen & Kron.
7:15	IH calibrated low volume air samplers with a rotameter and commenced environmental air sampling along the erected fence surrounding the demolished building structure.
	Air samplers were strategically positioned to capture air quality in different sections of the Site.
	The demo crew is utilizing two excavators to demo the APR and South Classrooms and loading up dumpsters while the third excavator will continue to separate scrap metal from demo debris. A worker was observed utilizing a water truck with a water cannon for dust suppression to minimize airborne particles during the demo operation.
10:00	The excavator operator was observed separating scap metal, bricks, concrete and demo debris for recycling and proper disposal. Dump trucks started to arrive and hauling away loaded dumpsters and replacing them with empty dumpsters.
11:00	IH performed a walk through of the area. The demo operator continued to perform demo of the APR and South Classrooms. Dust suppression via water cannon continues. Air samplers observed running properly. Dump trucks continued to haul away dumpster loads of separated demo debris, metal and brick/concrete.
13:00	IH performed a walk through of the area and checked on the air samplers. Air samplers were observed running well. Demo operation observed to be moving along without any problems. Dust suppression (water cannon) to minimize airborne particles during demo coninues.
16:00	IH started collecting air samplers and air samples.
16:30	IH exited the site.
18:00-19:30	IH prepared aie samples and performed air sample analysis via PCM. All air samples were below 0.01 f/cc.



**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/4/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		On Time	Off Time	Total Time	Total Volume	Fibers	Fibers CC
		Start	End						
100424-1	Environmental-Main Entrance on Fence	3	3	7:15	16:00	525	1575	3	< 0.01
100424-2	Environmental-Facing White Apartments	3	3	7:16	16:01	525	1575	3.5	< 0.01
100424-3	Environmental-Facing House 705	3	3	7:18	16:03	525	1575	2	< 0.01
100424-4	Environmental-Facing Brown Apts.	3	3	7:20	16:06	526	1578	4	< 0.01
100424-5	Environmental-Facing Brown Apts.	3	3	7:23	16:07	524	1572	2.5	< 0.01
100424-6	Environmental-Facing St. Camillus	3	3	7:26	16:11	525	1575	8	< 0.01
100424-7	Environmental-Facing St. Camillus	3	3	7:27	16:13	526	1578	6.5	< 0.01
100424-8	Environmental-Facing Playground	3	3	7:30	16:19	529	1587	7	< 0.01
100424-9	Environmental-Facing Playground	3	3	7:32	16:22	530	1590	9	< 0.01
100424-10	Environmental-Facing Gym	3	3	7:34	16:24	530	1590	8.5	< 0.01
100424-11	Environmental-Facing Gym	3	3	7:35	16:25	530	1590	7	< 0.01
100424-12	Environmental-Facing Field	3	3	7:37	16:26	529	1587	5.5	< 0.01

**Abbreviations:**  
 PRE - Pre-Abatement Sampling  
 OGBA - Outside Glove Bag Area  
 IGBA - Inside Glove Bag Area  
 PRS - Personal Sample  
 IBT - Inside Barrier Tape

BLK - Blank  
 IWA - Inside Work Area  
 OWA - Outside Work Area  
 OBT - Outside Barrier Tape

NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 10/4/2024







**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/5/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
100524-1	Environmental-Main Entrance on Fence	4	4	7:00	12:30	330	1320	2	< 0.01
100524-2	Environmental-Facing White Apartments	4	4	7:01	12:32	331	1324	2.5	< 0.01
100524-3	Environmental-Facing House 705	4	4	7:03	12:33	330	1320	3	< 0.01
100524-4	Environmental-Facing Brown Apts.	4	4	7:05	12:34	329	1316	2	< 0.01
100524-5	Environmental-Facing Brown Apts.	4	4	7:06	12:35	329	1316	3	< 0.01
100524-6	Environmental-Facing St. Camillus	4	4	7:12	12:38	326	1304	3.5	< 0.01
100524-7	Environmental-Facing St. Camillus	4	4	7:14	12:39	325	1300	3	< 0.01
100524-8	Environmental-Facing Playground	4	4	7:15	12:41	326	1304	2	< 0.01
100524-9	Environmental-Facing Playground	4	4	7:16	12:42	326	1304	1.5	< 0.01
100524-10	Environmental-Facing Gym	4	4	7:18	12:45	327	1308	3.5	< 0.01
100524-11	Environmental-Facing Gym	4	4	7:35	12:46	311	1244	2.5	< 0.01
100524-12	Environmental-Facing Field	4	4	7:37	12:49	312	1248	2	< 0.01

**Abbreviations:**  
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 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

Date: 10/5/2024







**YOTI N.N. & ASSOCIATES, INC (YNN)**  
Industrial Hygiene and Environmental Services

**AIR SAMPLE DATA SHEET**

Client: MCPS

Project Name: Joann Leleck Elementary School

Work Area: Along the Fence

Date: 10/6/2024

Sample NO.	Location / Code Relation to work	FLOW RATE		Time		Total Time	Total Volume	Fibers	Fibers CC
		Start	End	On	Off				
100624-1	Environmental-Main Entrance on Fence	4	4	7:00	12:30	330	1320	2.5	< 0.01
100624-2	Environmental-Facing White Apartments	4	4	7:01	12:32	331	1324	3	< 0.01
100624-3	Environmental-Facing House 705	4	4	7:04	12:34	330	1320	2	< 0.01
100624-4	Environmental-Facing Brown Apts.	4	4	7:06	12:37	331	1324	3	< 0.01
100624-5	Environmental-Facing Brown Apts.	4	4	7:07	12:38	331	1324	2.5	< 0.01
100624-6	Environmental-Facing St. Camillus	4	4	7:15	12:43	328	1312	3	< 0.01
100624-7	Environmental-Facing St. Camillus	4	4	7:16	12:44	328	1312	3.5	< 0.01
100624-8	Environmental-Facing Playground	4	4	7:18	12:45	327	1308	2	< 0.01
100624-9	Environmental-Facing Playground	4	4	7:19	12:47	328	1312	3	< 0.01
100624-10	Environmental-Facing Gym	4	4	7:22	12:49	327	1308	3	< 0.01
100624-11	Environmental-Facing Gym	4	4	7:24	12:50	326	1304	3.5	< 0.01
100624-12	Environmental-Facing Field	4	4	7:27	12:52	325	1300	2.5	< 0.01

**Abbreviations:**  
 PRE - Pre-Abatement Sampling  
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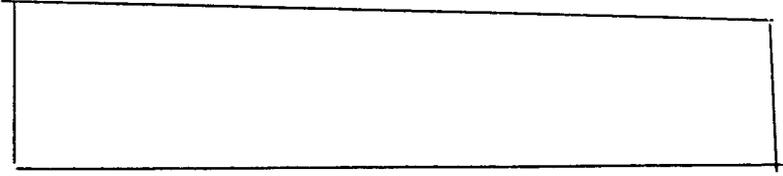
NFO - No Fibers Observed  
 Post - Final Clearance monitoring  
 AMB - Ambient  
 CB - Critical Barrier

Analyst: John Ndanga

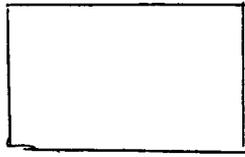
Date: 10/6/2024



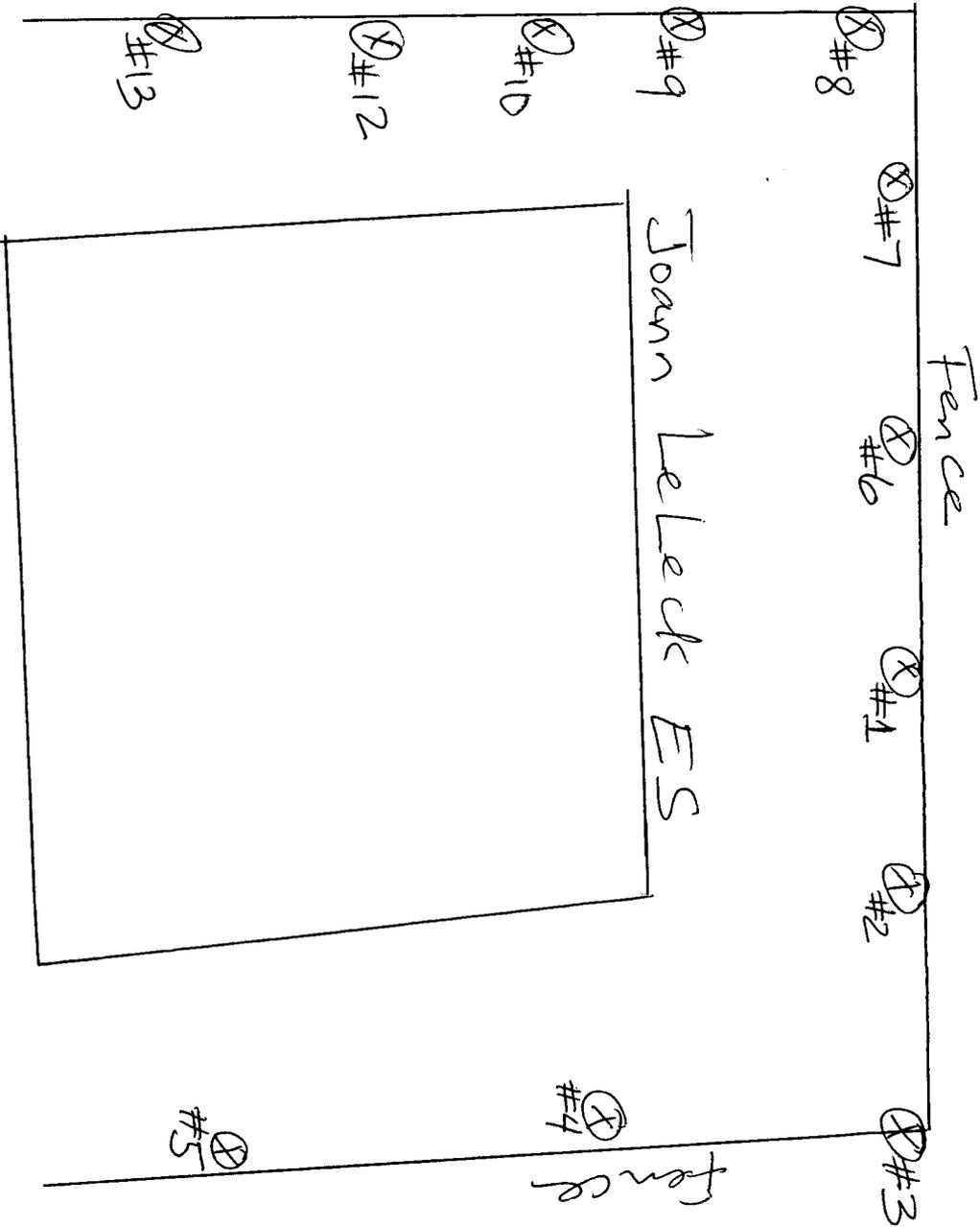
Field



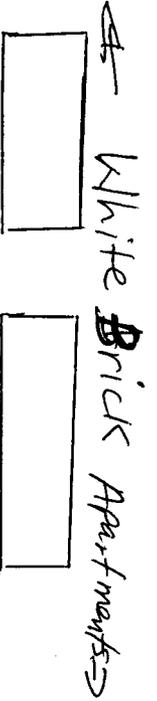
Playground



Fence

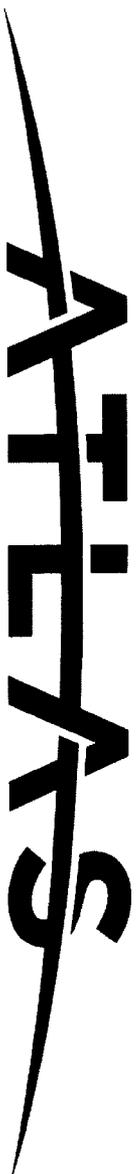


St. Camillus School



House #705





Approval No.: 21 13 01

## Certificate of Achievement

Awarded to

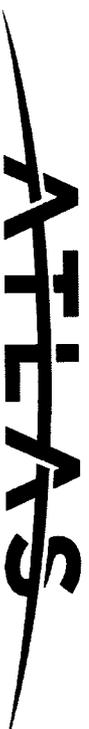
**John Ndanga**

In recognition of successful completion of the course entitled

# ASBESTOS ABATEMENT SUPERVISOR REVIEW

An 8-Hour annual refresher program of study presented in accordance with the provisions of the U.S. Environmental Protection Agency Model Accreditation Plan 40 CFR Part 763, Appendix C to SUBPART

E, for Accreditation under TSCA Title II



23-1103

Certificate Number

Location: Columbia, MD

November 18, 2023

Examination Date

November 18, 2024

Expiration Date

Course Date  
9231 Rumsey Road Columbia, Maryland 21045 410-381-0232 Office

Carla M. Gomez Course Director  
410-423-9235 Direct

Clayton E. Miller Course Instructor

A handwritten signature in black ink, appearing to read "Clayton E. Miller".

Carla M. Gomez Course Director

THE  
DEEP SOUTH CENTER FOR OCCUPATIONAL  
HEALTH AND SAFETY

CERTIFIES THAT

John Ndanga

HAS SATISFACTORILY COMPLETED

Sampling and Evaluating Airborne Asbestos Dust—NIOSH 582  
Birmingham, Alabama  
November 9-12, 1987

AND IS HEREBY AWARDED THIS CERTIFICATE

  
PROGRAM DIRECTOR



  
COURSE INSTRUCTOR

A NIOSH-Supported Educational Resource Center  
University of Alabama at Birmingham & Auburn University