YNN & ASSOCIATES, INC.

MONTGOMERY COUNTY PUBLIC SCHOOLS OFFICE OF MAINTENANCE ASBESTOS MANAGEMENT PROGRAM

AHERA INFORMATION RECORD (AIR)

ASBESTOS ABATEMENT AT POOLESVILLE HIGH SCHOOL 17501 W. WILLARD ROAD POOLESVILLE, MARYLAND

PROJECT #: MCPS 2021-146

COMPLETION DATE: 10/30/2022

Final Report

for

Poolesville High School

Submitted To: Mr. I

Mr. Brain Mullikin

Montgomery County Public Schools

Environmental Health Unit 8301 Turkey Thicket Drive Gaithersburg, Maryland 20855

Submitted By:

YNN & ASSOCIATE, INC.

4808 Continental Drive Olney, Maryland 20832

Prepared By:

John Ndanga

November 6, 2022

TABLE OF CONTENTS

- I. Abatement Data
- II. Executive Summary
- III. Scope of Work
- IV. Industrial Hygiene Monitoring Report
- V. Field Checklists, Sampling Data & Results
- VI. Industrial Hygiene Certifications

PROJECT #: MCPS-2021-146
COMPLETION DATE: 10/30/2022

PAGE #: <u>1</u>

MONTGOMERY COUNTY PUBLIC SCHOOLS ENVIRONMENTAL HEALTH UNIT ASBESTOS MANAGEMENT PROGRAM

AHERA INFORMATION RECORD (AIR)

I. BUILDING NAME
ADDRESS:
Poolesville High School
17501 W. Willaerd Road
Poolesville, Maryland

II. MATERIAL LOCATION:
Room Aux Gym Hallway

II. MATERIAL LOCATION: Room Aux Gym Hallway
(List Locations Separately)

III. MATERIAL TYPE: VAT/Mastic

IV. ABATEMENT OPTION CHOSEN: Removal

V. REASON: Renovation

VI. MATERIAL QUANTITY (before removal):
VII. REMOVAL QUANTITY (per location):

VIII. PROJECT BEGINNING DATE: 10/22/2022 PROJECT ENDING DATE: 10/30/2022

IX. CONTRACTOR: Asbestos Abatement Specialist, Inc. PHONE#: (410) 796-2849

ADDRESS: PO Box 368, Linthicum Heights, Maryland

PROJECT #: <u>MCPS-2021-146</u> PAGE # : ___2

AHERA INFORMATION RECORD (AIR) (Continued)

X.	PROJECT SUPERVISION AND AI	R MONITORING
	I. H. FIRM: YNN & Associates, Inc. ADDRESS: 4808 Continental Drive Olney, Maryland 20832	
	I. H. MANAGER : John Ndanga	CERTIFICATION: 19-831
	AIR MONITORING BY: (X) PC	M () TEM
	PROJECT REPORT: John Ndanga	
	ALL FINAL AIR SAMPLES: PASS	<u>X</u> TEM <u>X</u> PCM _
	ADDITIONAL I. H. PERSONNEL 1	
	2. 3.	
	4	
	TEM LAB (IF DIFFERENT FROM	ABOVE):
	NAME : <u>EMSL ANALYTICAL, INC</u> ADDRESS : <u>10766 RHODE ISLAN</u>	
	BELTSVILLE, MD 20705	
	LAB TECHNICIAN CERTIFICATI	ON #:
XI.	WASTE DISPOSAL	
	ALL ACM: (X) BAGS	() DRUMS () OTHER
	HAULED FROM SITE BY: ADDRESS:	Service Transport Group, Inc. 58 Plyes Lane New Castle, DE
	TRANSFERRED TO: TRANSFERRED BY:	

PROJECT #: MCPS—2021-146 PAGE #: 3

HAULED TO LANDFILL BY: Service Transport Group, Inc. ADDRESS: Service Transport Group, Inc. 58 Plyes Lane New Castle, DE						
LANDFILL NAME: ADDRESS:	Minerva Landfill 8955 Minerva Road Waynesburg					
LICENSE/CERTIFICATION #:						
RECEIVED AT LANDFILL BY:	RECEIVED AT LANDFILL BY:					
DUMP TICKET FROM CONTRACTOR:						
VII ADDITIONAL INCODA	IATION:					



YOTI N. N. & ASSOCIATES, INC.

4808 Continental Drive, Olney Maryland 20832 Tel. (301) 260-0687 * Fax (301) 260-0688

November 6, 2022

Mr. Brain Mullikin Montgomery County Public Schools Environmental Health Unit 16651 Crabbs Branch Way Rockville, Maryland 20855

Dear Mr. Mullikin:

RE: Poolesville High School:

At the request of Montgomery County Public Schools (MCPS), YNN & Associates, Inc. provided industrial hygiene, air-monitoring and contractor oversight services at the above named school from October 22, 2022 through October 23, 2022 and October 28, 2022 through October 30, 2022.

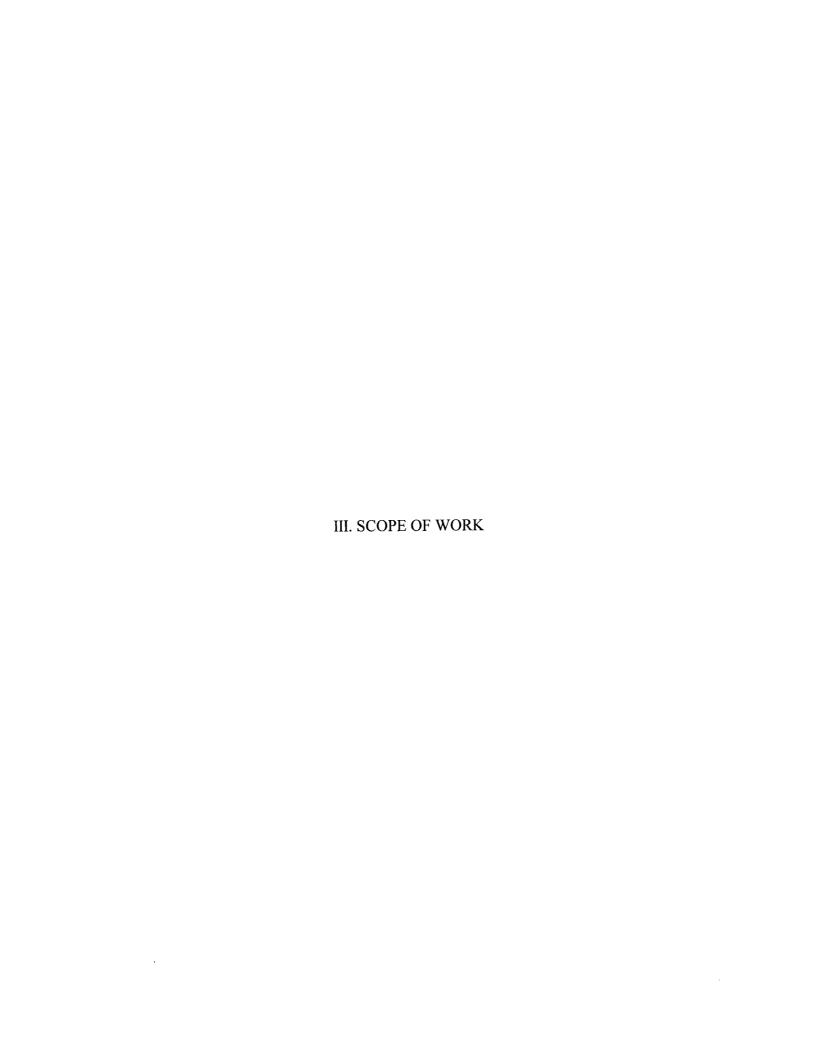
All daily air sampling during this project was performed utilizing the NIOSH 7400 method, which employs Phase Contrast Microscopy (PCM). Final clearance samples were analyzed via Transmission Electron Microscopy (TEM). The average of the final clearance samples revealed asbestos concentration of less than seventy structures per millimeter square (<70 s/mm2). This is the clearance standard required under AHERA and state of Maryland regulations.

Enclosed for your review is the required documentation for the actions performed on this project. If you have any questions concerning this report, or if we may be of further services, please feel free to contact us at (301) 260-0687.

Sincerely,

YNN & Associates, Inc.

Project Manage



SCOPE OF WORK

The scope of work accomplished by YNN & Associates included the industrial hygiene supervision, job site inspections and asbestos air monitoring during the actions performed at this location. These actions included:

- 1. Set up of containment enclosures
- 2. Cleaning and asbestos decontamination of all surfaces, equipment and fixtures
- 3. Tear down of containment enclosures
- 4. Removal of all asbestos-containing waste from the job site and subsequent disposal

During this activity, the on-site Industrial Hygienist placed emphasis on the review and maintenance by the abatement contractor, of the following:

- Strict adherence to contract specifications
- Work Practices
- Use of personal protection equipment
- Protection of non-abatement areas from contamination
- Compliance with Maryland, EPA, OSHA DOT & other applicable regulations
- Integrity of containment barriers
- Sufficiency of decontamination procedures
- Adequacy of post-abatement/pre-reoccupation cleanup
- Waste disposal
- Certification status of abatement personnel

Figure I on the following page outlines the areas in which the above actions occurred.

•		

IV. INDUSTRIAL HYGIENE MONITORING REPORT

INDUSTRIAL HYGIENE MONITORING REPORT

The abatement activity at the above named School consisted of the removal of asbestos-containing materials. This was accomplished under containment enclosures with three-stage decontamination chambers.

All workers wore suits of disposable, full-body protective garments and HEPA-cartridge respirators at all times during this project, and showered before exiting the containment. All equipment and bags of asbestos-containing waste were HEPA-vacuumed and wet-wiped prior to their load-out from the enclosures.

A total number of sixty four (64) air samples were collected for Phase Contrast Microscopy (PCM) during this project. A summary of these samples is presented below:

Work Activity	Number of Samples
Background	20
Inside Work Area	5
Outside Work Are	21
Personals and Excursions	-
Field Blank	8
Final Clearance (PCM)	-
Final Clearance (TEM))	<u>10</u>
TOTAL AIR SAMPLING:	61

All abatement activities were closely monitoring by on-site industrial hygienist. The work areas were inspected prior to and during all actions, and were cleared for re-occupancy only after passing two clearance criteria as recommended by the Environmental Protection Agency (EPA) and the State of Maryland. The first criterion is a visual inspection. This is done to ensure no residual dust particles remain on any surfaces.

The second clearance criterion is acceptable airborne asbestos levels. Final clearance air monitoring was accomplished via Transmission Electron Microscopy (TEM). The average of the final clearance samples revealed asbestos concentration of less than seventy structures per millimeter square of air (<70 s/mm2). This is the re-occupancy level required under AHERA regulation: 40 CFR Part 763.

Based upon the visual inspections and subsequent TEM air sample results, the affected areas of this school building are clear for re-occupancy.

V. FIELD CHECKLISTS, SAMPLING DATA & RESULTS



EMSL Analytical, Inc.

10752 Baltimore Avenue Beltsville, MD 20705
Tel/Fax: (301) 937-5700 / (301) 937-5701
http://www.EMSL.com / beltsvillelab@emsl.com

EMSL Order: 192209112 Customer ID: YNNA50

Customer PO: Project ID:

Attention: John Ndanga

Ynn & Associates, Inc. 4808 Continental Drive Olney, MD 20832 Phone: (301) 260-0687

Fax:

Received Date: 10/22/2022 17:39 PM

Analysis Date: 10/22/2022 **Collected Date:** 10/22/2022

Project: Poolesville HS

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

		Volume	Area Analyzed	Non	Asbestos	#Structu	res	Analytical Sensitivity		estos ntration
Sample	Location	(Liters)	(mm²)	Asb		≥0.5µ < 5µ	≥5µ	(S/cc)	(S/mm²)	(S/cc)
102222-T1 192209112-0001	Gym-Containment #1	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T2 192209112-0002	Gym-Containment #1	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T3 192209112-0003	Gym-Containment #1	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T4 192209112-0004	Gym-Containment #1	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T5 192209112-0005	Gym-Containment #1	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049

Emily Bakes

Emily Baker (5)

Joe Centifonti, Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in structures/cm3 are not covered by the laboratory's NVLAP accreditation. Measurement of uncertainty available upon request.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

Initial report from: 10/22/2022 20:54 PM

YNN & Associates, Inc. CHAIN OF CUSTODY

ASBESTOS

EMSL Represen	tative:	Sheryl Steinm	etz						•
Your Company		/NN & Associ	ates, Inc.		EMSL-B	ill to:	SAME		
Street:	-4	808 Continen	ital Dr.		Street:				·
Box#:					Box #:				
City/State:		Olney, MD	Zip:	2083	 '				_ Zip:
Verbal Results	to:	lohn Ndanga			Fax Resi	ults to:	. John Nda		
Telephone #:	3	01260-0687			Fax #:		301-260-0	0688	
Project Name/Nu	ımber: ${\cal D}$	odesville	High So	hor	Purchas	e Order#			
7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	#M2	TRIXE					TURNAR ®	NNOTINE -	
Air 🗆 Flo	oor Tile	□ Soil	☐ Wipe		Ø 6 Hours	□ 12 ł	lours [☐ 24 Hours	☐ 48 Hours
☐ Buik ☐ Dr	inking ·	☐ Dust	□ :Wastewate	er	☐ 3 Days	□ 5 Da	ays l	☐ 6-10 Days	☐ Contact Lab
Water	•	Think		·]	EM BULK			TEMMATER	
PCM		PLM D EPA 600)			t (Oualitati	wal.	TEM WATER	
□ NIOSH 7400		1	, ·		I Drop Mount I Chatfield	i (Wuantau	vėj	☐ Wastewa	
OSHA		_	um ė			SEM OC		_	Water EPA 100.1
Other:		Point Co	unt.		Chatfleld / S			1	Y Wastewater
TEM AIR		Other:	•		Convention		tative)	☐ Water-N	Y Drinking Water
AHERA	•	SEM □ Qualitati			I EMSL Metha I NOB	oa		TERMINE	
□ NIOSH 7402 □ Level I	•	□ Quantita		1	NOB/SEM	00		TEM WIPE Quantital	
Level II		U Quantita	TIVE		Micro Vac •				
LI TEACL!!					Micro Vac -			│ □ Qualitativ	re
XRD		OTHER	· · · · · · · · · · · · · · · · · · ·	14	IMOIO VEC-	Quantative	-	<u> </u>	
☐ Asbestos	•	COMME	VTS						
☐ Silica			44						
Cilent Sample # (s	5) /	02222-	TZ	. /2	02222-	75	Total Sa	mples:	
Relinquished:	7	dangal)	1		Date:	10/2	2/22	_ _ Time:	
Received:	. ,	0/	· .		Date:			Time:	•
Received:					Date:			Time:	
SAMHUE PAJEN	SAMPLE	KUMBER			FIOCATION			S S YOUNG	((lt/Applicable)-
10/22/22	10222:	2-11	GYM.	-lo	ntain	nent	#1	120	7
, ,	10222	2-12	GYM-	6	tains	wit	#2#1	120	7)
	10222	2-73	GYM-	<u> </u>	staring	rent	4541	120	<u> </u>
		2-T4	GyM-	/	tains	rent .	4 4		2
		2-75.	GYM-	<u> </u>	-ta-		1 1 1		<u>. </u>
		<u>- , , , , , , , , , , , , , , , , , , ,</u>	<u> </u>	m	Mount	nend	TO THE	1200	<u></u>
		-					-	 	
						•			
					•				
		,						 	
		<u> </u>		 .				·	
					·	_			
·	,								
				-	:			 	
<u>_</u>								J	



EMSL Analytical, Inc.

10752 Baltimore Avenue Beltsville, MD 20705 Tel/Fax: (301) 937-5700 / (301) 937-5701 http://www.EMSL.com / beltsvillelab@emsl.com EMSL Order: 192209113 Customer ID: YNNA50

Customer PO: Project ID:

Attention: John Ndanga

Ynn & Associates, Inc.

4808 Continental Drive Olney, MD 20832

Phone: (301) 260-0687

Fax:

Received Date: 10/22/2022 17:39 PM

Analysis Date: 10/22/2022 **Collected Date:** 10/22/2022

Project: Poolesville HS

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

		Volume	Area Analyzed	Non	Asbestos	#Structu	res	Analytical Sensitivity		estos ntration
Sample	Location	(Liters)	(mm²)	Asb	Type(s)	≥0.5µ < 5µ ≥5µ		(S/cc)	(S/mm²)	(S/cc)
102222-T6 192209113-0001	Gym-Containment #2	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T7 192209113-0002	Gym-Containment #2	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T8 192209113-0003	Gym-Containment #2	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T9 192209113-0004	Gym-Containment #2	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
102222-T10 192209113-0005	Gym-Containment #2	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049

Analyst(s)

Emily Baker (5)

Joe Centifonti, Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in structures/cm3 are not covered by the laboratory's NVLAP accreditation. Measurement of uncertainty available upon request.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

mily Baker

Initial report from: 10/22/2022 20:54 PM

OrderID: 192209113

CHAIN OF CUSTODY **ASBESTOS** YNN & Associates, Inc. Sheryl Steinmetz EMSL Representative: SAME EMSL-Bill to: Your Company Name: YNN & Associates, inc. 4808 Continental Dr. Street: Street: Box #: Box #: 20832 City/State: Zip: Zlp: Olney, MD City/State: John Ndanga Fax Results to: John Ndanga Verbal Results to: Fax #: 301-260-0688 301-260-0687 Telephone #: polesville High School Purchase Order # Project Name/Number: / TURNAROUNDTIME ₩ 6 Hours ☐ 12 Hours □ Wipe ☐ 24 Hours ☐ 48 Hours ☐ Floor Tile ☐ Soil **A**ir ☐ 3 Davs ☐ 5 Days ☐ 6-10 Days ☐ Contact Lab ☐ Wastewater □ Bulk □ Drinking · □ Dust Water TEM BULK TEM WATER PÇM PLM ☐ Drop Mount (Qualitative) □· NIOSH 7400 ☐ EPA 600 ☐ Wastewater ☐ Chatfield ☐ Drinking Water EPA 100.1 □ NOB □ OSHA ☐ Chatfield / SEM QC ☐ Water - NY Wastewater ☐ Point Count ☐ Other: ☐ Conventional (Quantitative) ☐ Water-NY Drinking Water TEM AIR ·□ Other: ☐ EMSL Method AHERA
NIOSH 7402 SEM □ NOB ☐ Qualitative **TEM WIPE** ☐ NOB / SEM QC ☐ Quantitative ☐ Quantitative □ LevelI ☐ Micro Vac - Quantitative ☐ Qualitative ☐ Level II ☐ Micro Vac • Qualitative ☐ OTHER XRD ☐ Asbestos ☐ COMMENTS ☐ Silica 02222 Total Samples: Client Sample # (s) Date: Relinguished: Time: Date: Received: Time: Received: Date: Time: SAMFLE DATES



EMSL Analytical, Inc.

10752 Baltimore Avenue Beltsville, MD 20705 Tel/Fax: (301) 937-5700 / (301) 937-5701 http://www.EMSL.com / beltsvillelab@emsl.com EMSL Order: 192209349 Customer ID: YNNA50

Customer PO:

Project ID: Montgomery County Public School

Attention: John Ndanga

Ynn & Associates, Inc. 4808 Continental Drive Olney, MD 20832 Phone: (301) 260-0687

Fax:

Received Date: 10/29/2022 21:47 PM

Analysis Date: 10/30/2022 **Collected Date:** 10/29/2022

Project: Poolesville High School (Montgomery County Public Schools- MCPS)

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

		Volume	Area Analyzed	Non	Asbestos	#Structu	res	Analytical Sensitivity		estos ntration
Sample	Location	(Liters)	(mm²)	Asb	Type(s)	≥0.5µ < 5µ	≥5µ	(S/cc)	(S/mm²)	(S/cc)
102922 - T1	Hallway Adjacent to Aux Gym	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
192209349-0001	•									
102922 - T2	Hallway Adjacent to Aux Gym	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
192209349-0002										
102922 - T3	Hallway Adjacent to Aux Gym	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
192209349-0003	•									
102922 - T4	Hallway Adjacent to Aux Gym	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
192209349-0004										
102922 - T5	Hallway Adjacent to Aux Gym	1200.00	0.0650	0	None Detected	0	0	0.0049	<15.00	<0.0049
192209349-0005										

Analyst(s)

George Malone (5)

Joe Centifonti, Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in structures/cm3 are not covered by the laboratory's NVLAP accreditation. Measurement of uncertainty available upon request.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD NVLAP Lab Code 200293-0

Leorge P. Molone Ju.

Initial report from: 10/30/2022 02:32 AM

YNN & Associates, Inc. CHAIN OF CUSTORY

ASBESTOS

FUOL Description	- iller	Chand Stalam	of z						
EMSL Represent	_	Sheryi Steinmer YNN & Associa			EMSL-Bi	II to:	SAME		•
Your Company N	iame: _	4808 Continen			Street:		•	· 	
Street: Box #:		4000 0011111011	idi Dii		Box#:				
City/State:		Olney, MD	Zip:	20832	City/Stat	e; .			Zip:
Verbal Results to	_	John Ndanga			Fax Resi	ults to:	. John Nda	nga	
Telephone #:		301-260-0687			Fax #:		301-260-0	688	· · · · · · · · · · · · · · · · · · ·
Project Name/Nu	-		High Sal	0.0	Purchase	e Order#			
Project Namenta	37 33988	ODESVILLE	174W 201	NOY(esemble.		ATURNARO	Navin da i Nice	
1	· SAM	AFRIKA SOL	T Who	-Z1	6 Hours	☐ 12 l	A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	24 Hours	
{ /	or Tile	∵□ Soll ·	,,,,,,	1 8		□ 5 D		⊒ 6-10 Days	•
☐ Bulk ☐ Dri Water	nking	☐ Dust	☐ :Wastewater	1	3 Days	<u> чон</u>	ays L	·	·
PCM		PLM			BULK			TEM WAT	
☐- NIOȘH 7400	٠.	EPA 600				t (Qualitat	ive)	☐ Waste	
☐ OSHA		□ NOB			hatfield	TH OC			ing Water EPA 100.1
☐ Other:	D Other			3	hatfield / S		talle.	1 .	· NY Wastewater
TEM AIR	2	Officer:	<u> </u>	_	onvention MSL Meth	al (Quanti	tative	☐ Water	-NY Drinking Water
AHERA	الممارة	SEM Qualitati	hio			uu		TEM WIP	F
☐ NIOSH 7402/1	9741	Qualitati □ Quantitati □ Quantita			OB/SEM	QC ·		Quant	
Level II				1		Quantitat	ive -	☐ Qualit	
		1	•	I M	icro Vac -	Qualitativ	'e		
XRD		OTHER						٠,	
☐ Asbestos		E) COMME	NTS		- 0.1	C.O. 1	7 1 7	-1 au.	·
☐ Silica		Pleas	en Text	me	with	resul	to at 3	01. 343	47.67
Client Sample # (s	5)	102922-1		10	<u> 2922</u>	-75	,Total Sa	mples:	_5
Relinquished:		say gray			_ Date:	10/2	$\frac{9}{2}$	_ Time:	a solu
Received:		Ot WILL			_ Date: Date:	-10f	re(1)22_	_ Time: Time:	TIDOS NO
Received:	Psome	ENDIMETERS A			roeation	VALUE S			ÚMENI ABBIGABIE).
7					0		24 d 2 d 2 d 2 d 2 d 2 d 2 d 2 d 2 d 2 d		
10/29/22	1029	122-T/	Hallwo	uj	Adga	Cant	to Aux	51 Kg	1200
10/29/27		22-72	Hallulay	• • • •	_		,		1200
18/29/22	1029	22-73	Halling	Ha	jacon	1 TO A	W GYN	5	1201)
10/19/22		22-14	Halleray						1200
16/29/22	1029	<u> 22-75.</u>	Hallinky	AL	ga Cen	tto	trux Gy	in_	1200
		·							
	•]						
				:		. '			•
		,			~- 			1	
		۸٠.			,,,,,,,, ,	 -		 	·
								·	
		*		·			· .	 	
		,						 	
					•			+	
					·				

Page: 1 of 1

DAILY LOG SHEET

Date: 10/22/2022 Job Name: Poolesville High School

Time	Remarks
7:00	YNN's field IH arrived onsite along with the abatement crew from ASI. IH performed a walk
	through of the work areas and discussed work plan with supervisor for abatement company.
	IH was informed that the crew will set up two separate containments and perform removal of
****	pipe insulation.
	IH calibrate d air samplers and commenced pre-abatement air sampling while the crew set up
	the containments.
9:00	IH completed pre-abatement air sampling. The crew continued to set up the work areas in the
	Gym.
11:30	The crew completed setting up the containment and requested a pre-abatement visual
	inspection. IH inspected and passed the containment. The crew exited the area for lunch break.
12:00	The crew returned from lunch break and commenced removal of pipe insulation. Negative
	pressure at acceptable levels.
13:00	The crew continued to perform abatement of pipe insulation/waste loadout. IH continued to
	perform air monitoring.
13:30	The crew completed removal and requested a final visual inspection of the containments.
	IH suited up inspected and passed both of the containments. The crew was given authorization
	to encapsulate the containments.
14:00	IH calibrated air samplers and commenced final clearance air sampling via TEM.
16:00	IH completed final clearance air sampling.
16:30	IH exite the site for the Lab.
17:15	IH dropped TEM samples at the lab.



AIR SAMPLE DATA SHEET

Project Name: Poolesville High School 10/22/2022 Date: MCPS Gym Work Area: Client:

		FLOW	FLOW RATE	i <u>T</u>	Time	Total	Total	Fibers	Fibers
Sample NO.	Location / Code Relation to work	Start	End	ő	Off	Time	Volume	Fields / 100	ပ္ပ
102222-1	PRE - Pre-Abatement Sampling	10	10	7:30	9:30	120	1200		NFO
102222-2	PRE - Pre-Abatement Sampling	10	10	7:30	9:30	120	1200		NFO
102222-3	PRE - Pre-Abatement Sampling	10	10	7:30	9:30	120	1200		NFO
102222-4	PRE - Pre-Abatement Sampling	10	10	7:30	9:30	120	1200		NFO
102222-5	PRE - Pre-Abatement Sampling	10	10	7:30	9:30	120	1200		NFO
102222-6	PRE - Pre-Abatement Sampling	10	10	7:35	9:35	120	1200		NFO
102222-7	PRE - Pre-Abatement Sampling	10	10	7:35	9:35	120	1200		NFO
102222-8	PRE - Pre-Abatement Sampling	10	10	7:35	9:35	120	1200		NFO
102222-9	PRE - Pre-Abatement Sampling	10	10	7:35	9:35	120	1200		NFO
102222-10	PRE - Pre-Abatement Sampling	10	10	7:35	9:35	120	1200		NFO
102222-11	BLK								NFO
102222-12	ВLК								NFO
Abbreviations:	PRE - Pre-Abatement Sampling		BLK - Blank				NFO - No Fibers Observed	rs Observed	11
	OGBA - Outside Glove Bag Area IGBA - Inside Glove Bag Area		IWA - Inside Work Area OWA - Outside Work Area	Nork Area le Work Area			Post - Final Cle AMB - Ambient	Post - Final Clearance monitoring AMB - Ambient	 Bu
	PRS - Personal Sample IBT - Inside Barrier Tape		OBT - Outside	OBT - Outside Barrier Tape			CB - Critical Barrier	arrier	

뀵
⋍
亩
ĕ
ā

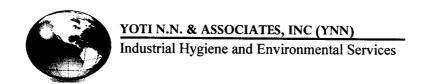


AIR SAMPLE DATA SHEET

oject Name: Poolesville High School	Date: 10/22/2022
MCPS	Gym
Client:	Work Area:

		AC II	CI OW DATE	Timo	90	Total	Total	Fibers	Fibers
		ב ב ב	u A			3 :	, , , , , , , , , , , , , , , , , , ,	Fis Ids / 400	٢
Sample NO.	Location / Code Relation to work	Start	End	5	5	a lime	Aoinine	Lieids / 100	3
102222-13	OWA-Clean Room -Area 1	5	5	12:00	13:30	06	450	0.5	< 0.01
102222-14	IWA	2	2	12:00	13:30	06	180	4	0.01
102222-15	OWA-Critical Barrier	2	5	12:03	13:33	06	450		NFO
102222-16	OWA-HEPA Exhaust	2	5	12:05	13:35	06	450		NFO
102222-17	OWA-Clean Room -Area 2	ည	5	12:10	13:40	06	450	7-	< 0.01
102222-18	IWA	2	2	12:10	13:40	06	180	5.5	0.01
102222-19	OWA-Critical Barrier	5	5	12:15	13:45	06	450		NFO
102222-20	OWA-HEPA Exhaust	5	5	12:17	13:47	06	450		NFO
100000	a Z								OFO
102222-21	ם א								NFO
10222222	210								
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 Ar OBT - Outside Barrier T	BLK - Blank IWA - Inside Work Area OWA - Outside Work Area OBT - Outside Barrier Tape	, and		NFO - No Fibers Ot Post - Final Clearan AMB - Ambient CB - Critical Barrier	NFO - No Fibers Observed Post - Final Clearance monitoring AMB - Ambient CB - Critical Barrier	oring

Analyst:	John Ndanga
Date	10/22/2022



DAILY ASBESTOS ABATEMENT CHECKLIST

Job Name:	PoolesvillHigh Schoo	l	Date:	10/22/	/2022
Project Manager:	John Ndanga		Location		
Type of Abatement: (d	circle)	Removal			Glovebag
1. Work Site Barrier	(Satisfactory - Yes, N	o or N/A)			Activity: (circle)
Proper Signage		<u>Y</u> es			preparation
Floor Covered		NA	_		Gross Removal
Wall Covered		Yes	_		Gross Cleaning
Area Ventilation Off	•	Yes	_		Final Cleaning
All Edges Sealed		Yes	_		Re-Cleaning
All Penetrations Sea	aled	Yes	_		Decontamination
Entry Curtains Intac	t and Maintained	Yes	_		
II. Negative Air Press	sure (circle one)	HEPA VAC (NAM	`	Notes:	
Constant Operation		Yes	,		
	Achieved (-0.02") (4 ch		_		
Smoke Test	10110104 (0.02) (4 011	NA	-		
Manometer Reading	9	-0.021	_		
III 344 1- B4* 0.			-		
III. Work Practices (Y	•				
Material Worked We		<u>Yes</u>	_		
Removed Material p		Yes	_		
Material Not Droppe		Yes	_		
HEPA Vacuum used		Yes	_		
No Smoking, Eating Work Area Cleaned	-	Yes	_	-	
		Yes	-		
Personner Decontar	minated After Each Dep	parture <u>Yes</u>	-		
IV. Protective Equipr	ment (Yes or No)				
Disposable Clothing	Used One Time Only	Yes	_		
Proper NIOSH Appr	oved Respirators	Yes	_		
Type of Respirator:	1/2 Face		_		
V. Showers (Yes or N	lo)				
On site	-0,	Yes			
Functioning		Yes	-	-	
Soap, Towels, and I	Hot Water	Yes	_		
Used By All Personr		Yes	-		Will the state of
Good Housekeeping		Yes	-		
Proper Filtrations an		Yes	•		

Page: 1 of 1

DAILY LOG SHEET

Date: 10/23/2022 Job Name: Poolesville High School

Time	Remarks
7:00	YNN's field IH arrived onsite along with the abatement crew from ASI. IH was informed that the
-	crew will perform tear down of the containments in the Gym having passed TEM.
8:00	The crew continued to tear down the containments.
	The state of the s
10:00	The crew continued to tear down/peforming waste load out.
11:00	The cfew completed tea rdown and took lunch break.
11:30	The cew returned from lunch break and completed bag out/demobiliztion.
12:00	The crew exited the site.

Page: 1 of 1

DAILY LOG SHEET

Date: 10/28/2022 Job Name: Poolesville High School

Time	Remarks
15:00	YNN's field IH arrived onsite along with the abatement crew from ASI. IH performed a walk
	through of the work area and discussed work plan with supervisor for abatement company.
	IH was informed that the crew will set up the containment and commence removal of
	VAT/Mastic in the halllway and space abjacent to the Aux Gym
	IH calibrate d air samplers and commenced pre-abatement air sampling while the crew set up
	the containment.
17:30	IH completed pre-abatement air sampling. The crew continued to set up the work area in the
	Aux Gym. The crew continued to set up the containment.
20:30	The crew completed setting up the containment and requested a pre-abatement visual
	inspection. IH inspected and passed the containment. The crew exited the area for lunch break.
21:00	The crew returned from lunch break and commenced removal of VAT. Negative Pressure
	at acceptable levels.
22:00	The crew complete removal of VAT/waste load out and commenced mastic removal.
	IH continued to perform air monitoring.
23:00	The crew cleaned up the area and exited the site for the day.
23.00	The crew cleaned up the area and exited the site for the day.



AIR SAMPLE DATA SHEET

Client:	MCPS			₽	oject Name:	Project Name: Poolesville High School	h School		
Work Area:	Hallway & space adjacent to the Aux Gym				Date:	10/28/2022			
		FLOW	FLOW RATE	7	Time	Total	Total	Fibers	Fibers
102822-1	PRE - Pre-Abatement Sampling	10	10	15:30	17:30	120	1200		NFO
102822-2	PRE - Pre-Abatement Sampling	10	10	15:30	17:30	120	1200		NFO
102822-3	PRE - Pre-Abatement Sampling	10	10	15:30	17:30	120	1200		NFO
102822-4	PRE - Pre-Abatement Sampling	10	10	15:30	17:30	120	1200		NFO
102822-5	PRE - Pre-Abatement Sampling	10	10	15:30	17:30	120	1200		NFO
102822-6	PRE - Pre-Abatement Sampling	10	10	18:00	20:00	120	1200		NFO
102822-7	PRE - Pre-Abatement Sampling	10	10	18:00	20:00	120	1200		NFO
102822-8	PRE - Pre-Abatement Sampling	10	10	18:00	20:00	120	1200		NFO
102822-9	PRE - Pre-Abatement Sampling	10	10	18:00	20:00	120	1200		NFO
102822-10	PRE - Pre-Abatement Sampling	10	10	18:00	20:00	120	1200		NFO
102822-11	BLK								NFO
102822-12	BLK								NFO
Abbreviations:	PRE - Pre-Abatement Sampling		BLK - Blank				NFO - No Fibers Observed	rs Observed	
	OGBA - Outside Glove Bag Area		IWA - Inside Work Area	Work Area			Post - Final Cl	Post - Final Clearance monitoring	ing
	IGBA - Inside Glove Bag Area		OWA - Outside	OWA - Outside Work Area			AMB - Ambient	•	
	PRS - Personal Sample		OBT - Outsid	OBT - Outside Barrier Tape	v		CB - Critical Barrier	arrier	
	IBT - Inside Barrier Tape								

Date

10/28/2022

Analyst:

John Ndanga



AIR SAMPLE DATA SHEET

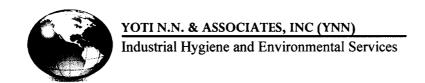
mpling ag Area Area	Sample NO. 02822-14 02822-15 02822-16 02822-17 02822-18 02822-19 02822-20	Hallway and Space adjacent to Aux Gym Location / Code Relation to work OWA-Clean Room OWA-Critical Barrier OWA-Critical Barrier OWA-HEPA Exhaust BLK BLK	FLOW Start 2	FLOW RATE tart End		21:00 21:00 21:12 21:15 21:15			Project Name: Date: Time Off 22:50 22:52 22:55 22:57 22:59	Project Name: Poolesville High S Date: 10/28/2022 Time Off Total Time 22:50 110 22:52 100 22:55 110 22:57 107 22:59 104
Pre-Abatement Sampling - Pre-Abatement Sampling - Pre-Abatement Sampling BLK - Blank A - Inside Glove Bag Area - Personal Sample OWA - Outside Work Area - Personal Sample OBT - Outside Barrier Tape		OWA-Critical Barrier OWA-Critical Barrier	N 05 05 N	v 5 5 N	21:12	22:55 22:55 22:57 22:57	100		550 535 208	
BLK PRE - Pre-Abatement Sampling OGBA - Outside Glove Bag Area IGBA - Inside Glove Bag Area PRS - Personal Sample IRT - Inside Barrier Tane		OWA-HEPA Exhaust BLK	2	2	21:15	22:59	104		208	208
PRE - Pre-Abatement Sampling OGBA - Outside Glove Bag Area IGBA - Inside Glove Bag Area PRS - Personal Sample IRT - Inside Barrier Tane	322-20	BLK								
PRE - Pre-Abatement Sampling OGBA - Outside Glove Bag Area IGBA - Inside Glove Bag Area PRS - Personal Sample IRT - Inside Barrier Tane										
PRE - Pre-Abatement Sampling OGBA - Outside Glove Bag Area IGBA - Inside Glove Bag Area PRS - Personal Sample IRT - Inside Barrier Tane										
) Area	breviations:	PRE - Pre-Abatement Sampling OGRA - Outside Glove Bag Area		BLK - Blank IWA - Inside	Work Area				NFO - No Fibe	NFO - No Fibers Observed Post - Final Clearance monitoring
v		IGBA - Inside Glove Bag Area		OWA - Outsi	de Work Area				AMB - Ambier	AMB - Ambient
		PRS - Personal Sample IBT - Inside Barrier Tape		OBT - Outsid	le Barrier Tape	v			CB - Critical B	CB - Critical Barrier

Date

10/28/2022

Analyst:

John Ndanga



DAILY ASBESTOS ABATEMENT CHECKLIST

Job Name:	PoolesvillHigh School	ol	Date:	10/28/2022
Project Manager:	John Ndanga	· · · · · · · · · · · · · · · · · · ·	Location	Hallway & Space adjacent to Aux (
Type of Abatement: (circle)	Removal		Glovebag
1. Work Site Barrier	(Satisfactory - Yes, N	lo or N/A)		Activity: (circle)
Proper Signage		Yes		preparation
Floor Covered		NA	_	(Gross Removal
Wall Covered		Yes	_	Gross Cleaning
Area Ventilation Of	f	Yes	_	Final Cleaning
All Edges Sealed		Yes	_	Re-Cleaning
All Penetrations Se	aled	Yes	_	Decontamination
Entry Curtains Intac	ct and Maintained	Yes		
II Namativa Ain Duan	auma (aimala ama)	HEDA VAC (NAM	`	Notes:
II. Negative Air Pres	•	HEPA VAC NAM		
Constant Operation	ı Achieved (-0.02") (4 cł	Yes Yes		
Smoke Test	Acilieved (-0.02) (4 ci	NA	_	
Manometer Readin	0	-0.024	_	
wanometer readin	9	-0.024	_	
III. Work Practices (Yes or No)			
Material Worked W	/et	Yes	_	
Removed Material	promptly Bagged	Yes		
Material Not Droppe	ed Over 14"	Yes		
HEPA Vacuum use	ed	Yes	_	
No Smoking, Eating	g, Drinking	Yes	_	
Work Area Cleaned		Yes	_	
Personnel Deconta	minated After Each De	eparture <u>Yes</u>	_	
IV. Protective Equip	ment (Yes or No)			
	g Used One Time Only	Yes		
Proper NIOSH App	-	Yes	_	
Type of Respirator:	•		_	
V. Showers (Yes or	No)			
On site	,	Yes		
Functioning		Yes	_	
Soap, Towels, and	Hot Water	Yes	_	
Used By All Person		Yes	_	
Good Housekeepin		Yes	_	
Proper Filtrations a	nd Drainage	Yes	_	

Page: 1 of 1

DAILY LOG SHEET

Date: 10/29/2022 Job Name: Poolesville High School

Time	Remarks
7:00	YNN's field IH arrived onsite along with the abatement crew from ASI. IH discussed work plan
	for the day with supervisor for abatemen crew. IH was informed that the crew will complete
	abatement and request final visual inspection.
	The crew suited up and went into the containment and contiued mastic removal.
	IH calibrated air samplers and commenced air monitoring.
9:00	IH suited up and performed a walk through of the area to observe the crew. The operation
	was observed to be moving along smoothly.
11:00	The crew cleaned up and exited the area for lunch break.
11:30	The crew returned into the area and continued to perform mastic removal/final cleaning.
	IH continued to perform air monitoring.
13:00	The crew completed mastic removal and continued to perform final cleaning.
14:30	The crew completed final cleaning and requested final visual ispection. IH suited up, inspected
	and passed the area. The crew was given authorization to encapsulate the containment.
15:00	IH calibrated air samplers and commenced final clearance air sampling via TEM.
17:00	IH completd final clearance air sampling.
17:30	IH exited the site for the lab to drop off samples.
18:30	IH at the lab and dropprd off samples.
-	



AIR SAMPLE DATA SHEET

Client:	MCPS			Pr	oject Name:	Project Name: Poolesville High School	h School		
Work Area:	Hallway and Space adjacent to Aux Gym				Date:	10/29/2022			
Sample NO.	Location / Code Relation to work	FLOW Start	FLOW RATE tart End	Time On	ne Off	Total Time	Total Volume	Fibers Fields / 100	Fibers CC
102922-1	OWA-Clean Room	ڻ ن	5	7:15	11:00	225	1125	_	< 0.01
102922-2	OWA-Infront of Decon	2	2	7:15	11:00	225	450	0.5	< 0.01
102922-3	IWA	2	2	7:17	11:02	225	450	œ	< 0.01
102922-4	OWA-Critical Barrier	ڻ.	5	7:20	11:05	225	1125		NFO
102922-5	OWA-Critical Barrier	5	S ₁	7:23	11:14	231	1155		NFO
102922-6	OWA-HEPA Exhaust	2	2	7:25	11:17	232	464		NFO
102922-7	OWA-Clean Room	51	ڻ.	11:00	14:30	210	1050	2	< 0.01
102922-8	OWA-Infront of Decon	ഗ	رن ن	11:00	14:30	210	1050		< 0.01
102922-9	IWA	2	2	11:02	14:32	210	420	16	0.02
102922-10	OWA-Critical Barrier	σ ₁	(Ji	11:05	14:35	210	1050		NFO
102922-11	OWA-Critical Barrier	5	5	11:14	14:38	204	1020		NFO
102922-12	OWA-HEPA Exhaust	5	51	11:17	14:40	203	1015		NFO
Abbreviations:	PRE - Pre-Abatement Sampling		BLK - Blank				NFO - No Fibers Observed	rs Observed	
	OGBA - Outside Glove Bag Area		IWA - Inside Work Area	Nork Area			Post - Final Cl	Post - Final Clearance monitoring	ing
	IGBA - Inside Glove Bag Area		OWA - Outside Work Area	de Work Area			AMB - Ambient	∓	
	PRS - Personal Sample		OBT - Outsid	OBT - Outside Barrier Tape	•		CB - Critical Barrier	arrier	
	IBT - Inside Barrier Tape								

Date

10/29/2022

Analyst:

John Ndanga



AIR SAMPLE DATA SHEET

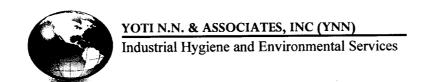
lient:	MCPS			70	roject Name:	Project Name: Poolesville High School	h School		
Vork Area:	Hallway and Space adjacent to Aux Gym			•	Date:	10/29/2022			
Sample NO	Location / Code Relation to work	FLOW Start	FLOW RATE	On Ti	Time Off	Total Time	Total Volume	Fibers Fields / 100	Fibers CC
02922-13	BLK								NFO
02922-14	BLK								NFO
122620	77								
									ī
:									
Abbreviations:	PRE - Pre-Abatement Sampling		BLK - Blank				NFO - No Fibers Observed	ers Observed	
	OGBA - Outside Glove Bag Area		IWA - Inside Work Area	Work Area			Post - Final C	Post - Final Clearance monitoring	ring
	IGBA - Inside Glove Bag Area		OWA - Outs	OWA - Outside Work Area	, "		AMB - Ambient		
	PRS - Personal Sample IBT - Inside Barrier Tape		OBT - Outsic	OBT - Outside Barrier Tape	Õ		CB - Critical Barrier	sarrier	

Date

10/29/2022

Analyst:

John Ndanga



DAILY ASBESTOS ABATEMENT CHECKLIST

Job Name:	PoolesvillHigh Schoo	l	Date:	10/29/2022
Project Manager:	John Ndanga		Location	Hallway & Space adjacent to Aux G
Type of Abatement:	(circle)	Removal		Glovebag
1. Work Site Barrie	· (Satisfactory - Yes, N	o or N/A)		Activity: (circle)
Proper Signage		<u>Yes</u>	_	preparation
Floor Covered		NA	_	Gross Removal
Wall Covered		Yes		Gross Cleaning
Area Ventilation O	ff	Yes		Final Cleaning
All Edges Sealed		Yes		Re-Cleaning
All Penetrations Se	ealed	Yes		Decontamination
Entry Curtains Inta	ct and Maintained	Yes		
				Notes:
II. Negative Air Pres		HEPA VAC NAM)	
Constant Operatio		Yes		
_	Achieved (-0.02") (4 cl			
Smoke Test		NA	_	
Manometer Readi	ng	-0.024	_	
III. Work Practices	(Yes or No)			
Material Worked Wet		Yes		
Removed Material promptly Bagged		Yes		
Material Not Dropped Over 14"		Yes		
HEPA Vacuum used		Yes		
No Smoking, Eating, Drinking		Yes		
Work Area Cleaned at End of Shift		Yes		
Personnel Decontaminated After Each Departure		eparture Yes	_	
IV. Protective Equi		. Voo		
Disposable Clothing Used One Time Only Proper NIOSH Approved Respirators				
Type of Respirato	•	Yes		-
Type of Respirato	r: <u>1/2 Face</u>			
V. Showers (Yes o	r No)			
On site		Yes		
Functioning		Yes		
Soap, Towels, and Hot Water		Yes	_	
Used By All Personnel		Yes		- International Control of Contro
Good Housekeeping		Yes		
Proper Filtrations and Drainage		Yes		

Page: 1 of 1

DAILY LOG SHEET

Date: 10/30/2022 Job Name: Poolesville High School

Time	Remarks				
6:00	YNN's field IH arrived onsite along with the abatement crew from ASI. IH informed crew that the				
	containment passed TEM.				
	The two man crew started tearing down the containment.				
8:00	The crew continued to tear down the containment and bagging up the used poly.				
10:00	The crew completed tearing down the containment and commenced loading waste and				
	equipments and supplies into the truck.				
	The state of the floor				
11:00	The crew completed loading up the truck and commenced vacuuming of the floor.				
11:30	The crew exited the site.				
11.30	The crew exited the site.				
<u> </u>					
•					
					
_ 					
-					

VI. INDUSTRIAL HYGIENE CERTIFICATIONS



ENVIRONMENTAL - GEOTECHNICAL BUILDING SCIENCES - MATERIALS TESTING

Approval Number: 21 14 01

Certificate of Achievement

Awarded to

John Ndanga

In recognition of successful completion of the course entitled

ASBESTOS ABATEMENT SUPERVISOR REVIEW

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

Accreditation under TSCA TO THE PROPERTY OF TH

Location: Columbia, MD

November 22, 2021 Examination Date

November 22, 2022

November 22, 2021

Course Date

9231 Rumsey Road Columbia, Maryland 21045

Certificate Number

Expiration Date

Clayton E. Miller Course Instructor

14+ 5 Mb

Chauch

Carla M. Gomez Course Director

410-381-0232 Office 410-423-9235 Direct



DEEP SOUTH CENTER FOR OCCUPATIONAL **HEALTH AND SAFETY** THE

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 CERTUFICA





COURSE INSTRUCTOR

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

